

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.

Mr. Cyrus F. Parker
December 22, 2005
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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 written in a cursive style with a large initial "R" and "M".

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

**GEOPHYSICAL SURVEY AND
PRELIMINARY SITE ASSESSMENT REPORT**

**Sites 11, 12, and 13
Multi-Modal Rail Station
(Mecklenburg County Parcel
ID Nos. 078-051-02, 078-052-02, and
078-052-05)
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:

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Submittal Date: December 22, 2005

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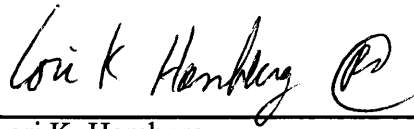
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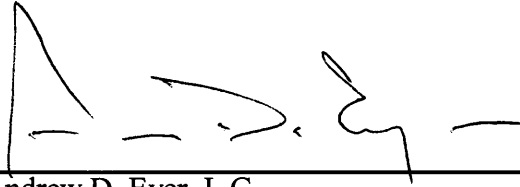
Signature Page

This document, entitled "Geophysical Survey and Preliminary Site Assessment Report," has been prepared for the Multi-Modal Rail Station, Sites 11, 12, and 13 located northwest of North Graham Street between West 5th Street and West 6th 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.



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12-22-05

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GEOPHYSICAL SURVEY AND PRELIMINARY SITE ASSESSMENT REPORT

**Multi-Modal Rail Station
Sites 11, 12, and 13
(Mecklenburg County Parcel
ID Nos. 078-051-02, 078-052-02, and
078-052-05)
Charlotte, North Carolina
WBS Element # 32179
Mecklenburg County**

Executive Summary

The subject site (Sites 11, 12, and 13) is located between West 5th Street and West 6th Street and northwest of North Graham Street in Charlotte, North Carolina. The primary purpose of this investigation was to determine the presence or absence of impact to soil and/or groundwater from constituents of concern as a result of current and previous operations at the site.

Currently, the subject site is the location of a surface pay parking lot. Previous uses of the property included the boiler and coal storage portions of a cotton mill, a dairy processing plant, and a warehouse facility. Additionally, the subject site previously operated four petroleum underground storage tanks (USTs) that were installed in 1967, 1968, and 1970 and were removed in 1989. The North Carolina Department of Environment and Natural Resources (NCDENR) does not have any records of any petroleum releases or incidents for the subject site.

To determine the presence or absence of constituents of concern in within the property, 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 and groundwater samples.

Results of analysis for the soil samples collected from constructed soil borings indicate that three semi-volatile organic compounds (SVOCs) were detected slightly above their respective North Carolina Department of Environment and Natural Resources (NCDENR) Soil to Water Maximum Contaminant Concentrations (MSCCs). One constituent, benzo(a)pyrene, was detected at a concentration that also exceeded the respective Environmental Protection Agency (EPA) Region 9 Preliminary Remediation Goal (PRG). However, the exceedances are not indicative of significant impact.

Chromium was detected in two soil samples at concentrations slightly exceeding the NCDENR MSCC. However, since chromium is naturally occurring in soil, the elevated concentrations detected in soil at the site are most likely due to natural conditions and are not indicative of significant impact.

The analytical results for groundwater from three temporary groundwater monitoring wells SB-31-GW, SB-41-GW and SB-42-GW are indicative of groundwater impact. It is not possible to accurately estimate the extent of groundwater impact based solely on groundwater data collected from the three temporary groundwater monitoring wells.

The water table at the subject site was encountered at a depth of approximately 15.75 feet to 24.25 feet below land surface (bls). Therefore, groundwater would most likely not be encountered during the proposed construction within the subject site.

Further groundwater and/or soil investigation is recommended to determine the extent and severity of soil and groundwater impact underlying the subject site. It is recommended that the NCDOT notify NCDENR of the soil and groundwater impact identified during this investigation.

GEOPHYSICAL SURVEY AND PRELIMINARY SITE ASSESSMENT REPORT

**Sites 11, 12, and 13
Multi-Modal Rail Station
(Mecklenburg County Parcel
ID Nos. 078-051-02, 078-052-02, and
078-052-05)
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 property (the subject site). The subject site is located northwest of North Graham Street between West 5th Street and West 6th Street in Charlotte, North Carolina. The subject 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 the North Carolina Department of Transportation (NCDOT).

The primary purpose of this investigation was to determine the presence or absence impact to subject site soil and/or groundwater from constituents of concern as a result of current and previous operations at the site.

2.0 Background

The subject site is one of several properties that NCDOT owns that are associated with the future construction of the Charlotte Multi-Modal Rail Station Complex. NCDOT wanted to assess the subject site to determine the presence or absence of impact to subject site soil and/or groundwater from constituents of concern related to the operation of petroleum underground storage tanks (USTs) that were formerly located on the subject site, and the soil and/or groundwater impact (if any) from the other previous operations at the subject site.

The subject site consists of three contiguous properties (sites 11, 12, and 13) that currently operates as one pay parking lot. Previous uses of the property included the boiler and coal storage portions of a cotton mill, a dairy processing plant, and a warehouse facility. Additionally, the subject site previously operated four petroleum USTs that were installed in 1967, 1968, and 1970 and were removed in 1989. The North

Carolina Department of Environment and Natural Resources (NCDENR) does not have any records of any petroleum releases or incidents for the subject site.

The land is currently owned by NCDOT and leased to the company that runs the surface pay parking lot. The site is mostly paved. The subject site includes three of eleven properties assessed by General Engineering. The other eight properties assessed are discussed in other separate reports submitted to the NCDOT. Figure 2 shows the general layout of all properties assessed by General Engineering.

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 and/or groundwater from constituents of concern at the 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 on-site 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 due to previous on-site operations.
- Additionally, three groundwater samples were collected from temporary groundwater monitoring wells for analysis of 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, computer assisted radar tomography, 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 Computer Assisted Radar Tomography

Computer Assisted Radar Tomography (CART) was used on the subject site to demonstrate the effectiveness of this technology and its utility in environmental investigations of this type. CART is a multi-channel ground penetrating radar GPR system that uses an antenna array consisting of 17 shielded antennas (9 transmitters and 8 receivers). It covers an 8-foot wide swath on the ground with 16 bi-static GPR profiles. The array is towed in overlapping swaths to ensure complete coverage of the area. Positioning support is provided during the collection of the CART data. The unit position is continuously tracked utilizing Trimble Geodimeter auto-tracking capabilities and onboard data collector. Limited surface features such as roads, grid corners, and building corners, were also surveyed to correlate the CART data to a site map.

4.1.3 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 receivers 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.

4.1.4 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.

4.1.5 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.

4.1.6 Field Procedures

The GPR, EM, CART, TDEM, and terrain conductivity field investigation was performed during the period from October 17, 2005 through October 21, 2005. For this investigation, a 200 megahertz (MHz) CART system tracked by a Trimble robotic geodimeter was deployed. To obtain 100% coverage, data were acquired in overlapping 8-foot wide swaths. Following the completion of the fieldwork, the data were post-processed and analyzed in more detail. The data processing steps included channel matching, 3-D migration and envelope calculations.

GPR data were also acquired in order to delineate targets. 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 CART and GPR datasets to identify subsurface utilities. The results were marked and surveyed in the field.

TDEM data were acquired 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. Figure 3a is a highlight of the interpretation of actual CART data on this site illustrating the 3-dimensional interpretational capability of CART. Figure 3b is a comparison of the CART data with the data collected over the exact same spot with the conventional GPR. As can be seen from these figures, employment of CART on this site resulted in an

enhanced view of the subsurface that would not have been obtained using conventionally available geophysical techniques.

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 soil borings on October 28, 2005, for analysis. The soil boring locations within Sites 11, 12, and 13 (soil borings SB-31 through SB-45) were selected to correspond to areas potentially containing subsurface materials of concern as observed during the geophysical evaluation, or were selected based on visual observations at the site. 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 Soil Sample (feet bls)	PID reading in parts per million (ppm)
SB-31	7-8	5.1
SB-32	14-15	7.8
SB-33	7-8	14.5
SB-34	14-15	80.4
SB-35	11-12	4.0
SB-36	7-8	5.2
SB-37	11-12	19.9
SB-38	11-12	7.2
SB-39	14-15	6.1
SB-40	11-12	11.6
SB-41	11-12	26.4
SB-42	11-12	20.0
SB-43	7-8	6.3
SB-44	3-4	3.6
SB-45	11-12	3.4

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. (Pace) 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 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 sample SB-35 at a concentration of 0.02 milligrams per kilogram (mg/kg). Methylene chloride is a common laboratory contaminant and its detection in this sample is considered most likely the result of

laboratory contamination. Additionally, the reported concentration of methylene chloride does not exceed the NCDENR Soil to Water Maximum Contaminant Concentration (MSCC) of 0.2 mg/kg. Therefore, the analytical results are not considered indicative of significant impact.

Results of soil analysis for the soil samples indicate that no SVOCs or VOCs were detected in soil samples SB-31 through SB-34, SB-37, SB-38, or SB-40 through SB-45. However, organic constituents of concern were detected in soil samples SB-35, SB-36, and SB-39, as shown in Table 1. Only one constituent, benzo(a)pyrene in SB-39 (detected at 0.52 mg/kg), was above the NCDENR MSCC as well as the EPA Region 9 Residential Preliminary Remediation Goal (PRG).

The naphthalene concentration detected in soil sample SB-36 (0.74 mg/kg) and the detected benzo(a)anthracene concentration in SB-39 (0.42 mg/Kg) were above the NCDENR MSCC of 0.58 mg/kg and 0.34 mg/kg, respectively; however, the concentrations were below the respective PRGs of 56.0 mg/kg and 0.62 mg/kg. The analytical results are not considered indicative of significant impact.

The detected lead concentrations in all the soil borings were below the NCDENR MSCC of 270 mg/kg. The concentration of total chromium detected in soil samples SB-40 and SB-43 (32 mg/kg and 37 mg/kg, respectively) were above the NCDENR MSCC of 27 mg/kg for hexavalent and trivalent chromium; however, the concentrations were below the PRG of 210 mg/kg. Therefore, the analytical results are not considered indicative of significant impact.

4.3 Groundwater Investigation

The groundwater investigation at the subject site consisted of the collection and analysis of three groundwater samples temporary groundwater monitoring wells installed on site (samples SB-31-GW, SB-41-GW, and SB-42-GW). The samples were collected on October 28, 2005.

Temporary groundwater monitoring well SB-31-GW was installed in soil boring location SB-31, temporary groundwater monitoring well SB-41-GW was installed in soil boring location SB-41, and temporary groundwater monitoring well SB-42-GW was installed in soil boring location SB-42. Groundwater contamination was suspected at these locations based on visual and olfactory observations during the subsurface soil investigation. The 1-inch diameter temporary groundwater monitoring wells were

installed by Geologic Exploration using DPT. The total well depth and measured depth to groundwater for the temporary groundwater monitoring wells are shown below:

Temporary Groundwater Monitoring Well	Total Well Depth (feet bls)	Depth to Groundwater (feet bls)
SB-31-GW	27.7	21.3
SB-41-GW	24.2	15.75
SB-42-GW	24.25	17.0

Figure 3 shows the location of the groundwater temporary monitoring well locations. A temporary groundwater monitoring well was installed in soil boring location SB-35 to a total depth of 24.6 feet bls; however, there was no groundwater recharge in the well. Therefore, groundwater samples were not collected at this location.

Groundwater samples collected from the temporary groundwater monitoring wells were analyzed by Pace for petroleum related contaminants in accordance with the following methods:

- Lead and chromium using EPA Method 200.7,
- SVOCs using EPA Method 625, and
- VOCs, including IPE, MTBE, and EDB, using EPA Method 8021.

The detected constituents in the groundwater samples are summarized on Table 2. The Certificates of Analysis are provided in Appendix II.

As shown in Table 2, several petroleum hydrocarbons were detected in samples SB-41-GW and SB-42-GW at levels exceeding the NCDENR 15A NCAC 2L .0115 Groundwater Quality Standards (GWQS). In addition, chloroform was detected in samples SB-31-GW at levels exceeding the GWQS.

The results of the groundwater analysis indicate groundwater impact from petroleum hydrocarbons and other constituents of concern within the subject site. This impact is most likely related to an undocumented release(s) of petroleum from USTs previously on site and/or a release of constituents of concern associated with the previous operations that occurred at the subject site. It is not possible to accurately determine the

extent of groundwater contamination based solely on groundwater data collected from the three temporary groundwater monitoring wells.

5.0 Conclusions and Recommendations

Underground utilities, metallic anomalies not suspected to be associated with USTs and metallic anomalies potentially associated with USTs were identified during the geophysical survey. The geophysical survey included a demonstration of CART. The results of the CART evaluation demonstrate that enhanced geophysical data of value is obtained in these types of investigations using CART.

Results of analysis for the soil samples collected from constructed soil borings indicate that three SVOCs were detected slightly above their respective NCDENR MSCCs. One constituent, benzo(a)pyrene, was detected at a concentration that also exceeded the respective EPA Region 9 PRG. However, the exceedances are not indicative of significant impact.

Chromium was detected in two soil samples at concentrations slightly exceeding the NCDENR MSCC. However, since chromium is naturally occurring in soil, the elevated concentrations detected in soil at the site are most likely due to natural conditions and are not indicative of significant impact.

The analytical results for groundwater from three temporary groundwater monitoring wells SB-31-GW, SB-41-GW and SB-42-GW are indicative of groundwater impact. It is not possible to accurately estimate the extent of groundwater impact based solely on groundwater data collected from the three temporary groundwater monitoring wells.

The water table at the subject site was encountered at a depth of approximately 15.75 feet to 24.25 feet bls. Therefore, groundwater would most likely not be encountered during the proposed construction within the subject site.

Further groundwater and/or soil investigation is recommended to determine the extent and severity of soil and groundwater impact underlying the subject site. It is recommended that the NCDOT notify NCDENR of the soil and groundwater impact identified during this investigation.

Table 1
 Summary of Detected Constituents of Concern in Soil Samples

Multi-Modal Rail Station
 Sites 11, 12, and 13
 WBS Element # 32179

Constituent Analyzed	SB-31	SB-32	SB-33	SB-34	SB-35	SB-36	SB-37	SB-38	SB-39	SB-40	SB-41	SB-42	SB-43	SB-44	SB-45	NCDENR MSCC	EPA Region 9 Residential PRG
Total Chromium	24	13	10	10	ND	17	22	25	13	32*	23	10	37*	12	9.3	27	219
Lead	4	2.8	4	3.4	ND	24	9.1	20	110	9.5	32	26	15	13	2.1	270	409
Naphthalene	ND	ND	ND	ND	ND	0.74*	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.53	36
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	0.42*	ND	ND	ND	ND	ND	ND	0.34	0.62
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	0.52	ND	ND	ND	ND	ND	ND	0.091	0.62
2-methylnaphthalene	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	1*
Methylene chloride	ND	ND	ND	ND	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0	0.1
Phenanthrene	ND	ND	ND	ND	ND	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	60	1*
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	33	62
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND	276	2,300
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	0.76	ND	ND	ND	ND	ND	ND	286	2,300

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) ** = No EPA Region 9 Residential PRG has been established for this constituent.
- 5) **Bold** = concentrations exceeding the EPA Region 9 Residential PRG

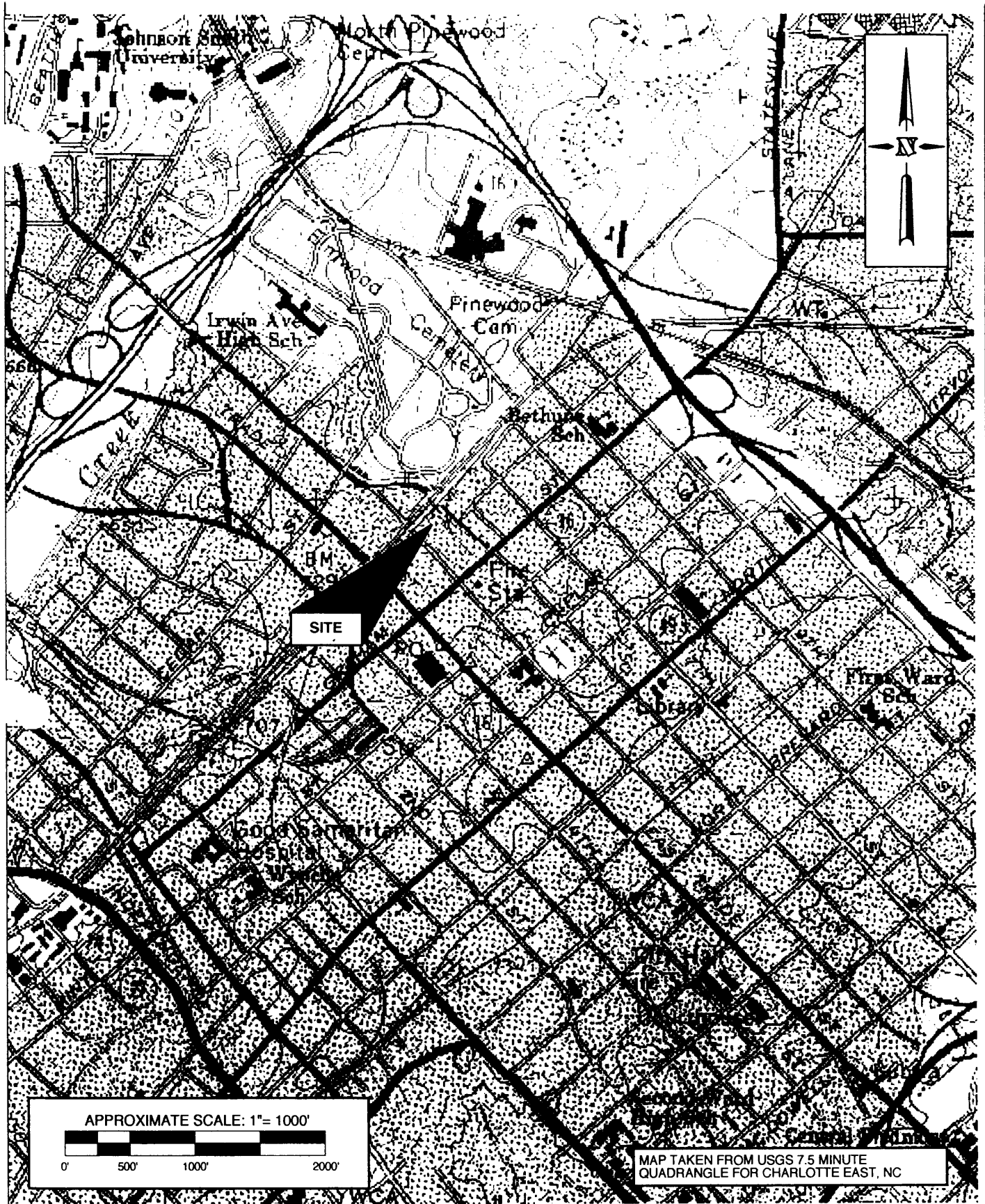
Table 2
Summary of Detected Constituents of Concern
in Temporary Groundwater Monitoring Wells SB-31-GW, SB-41-GW, and SB-42-GW

Multi-Modal Rail Station
Sites 11, 12, and 13
Charlotte, North Carolina
WBS Element # 32179

Total Chromium	0.13	190	200
Chloroform	14	ND	ND
Lead	0.03	460	320
Di-n-butylphthalate	ND	ND	6.8
n-butylbenzene	ND	ND	92
Sec-butylbenzene	ND	ND	90
Isopropylbenzene (Cumene)	ND	ND	140
n-propylbenzene	ND	ND	170
Naphthalene	ND	ND	490

Notes:

- 1) All concentrations shown are in micrograms per liter ($\mu\text{g/L}$)
- 2) ND = Not Detected
- 3) * = No GWQS has been established for this compound
- 4) **Bold** = concentrations exceeding the NCDENR 15A NCAC 2L .0115 GWQS.



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PROJECT: ncdt01005C

MULTI-MODAL RAIL STATION
 SITES 11, 12, AND 13
 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: tjp FILE LOCATION: G:\-P\N\ncdt\ncdt01005c\ncdt01005c_fig2.dwg LAYOUT: Tab. #2



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GEL

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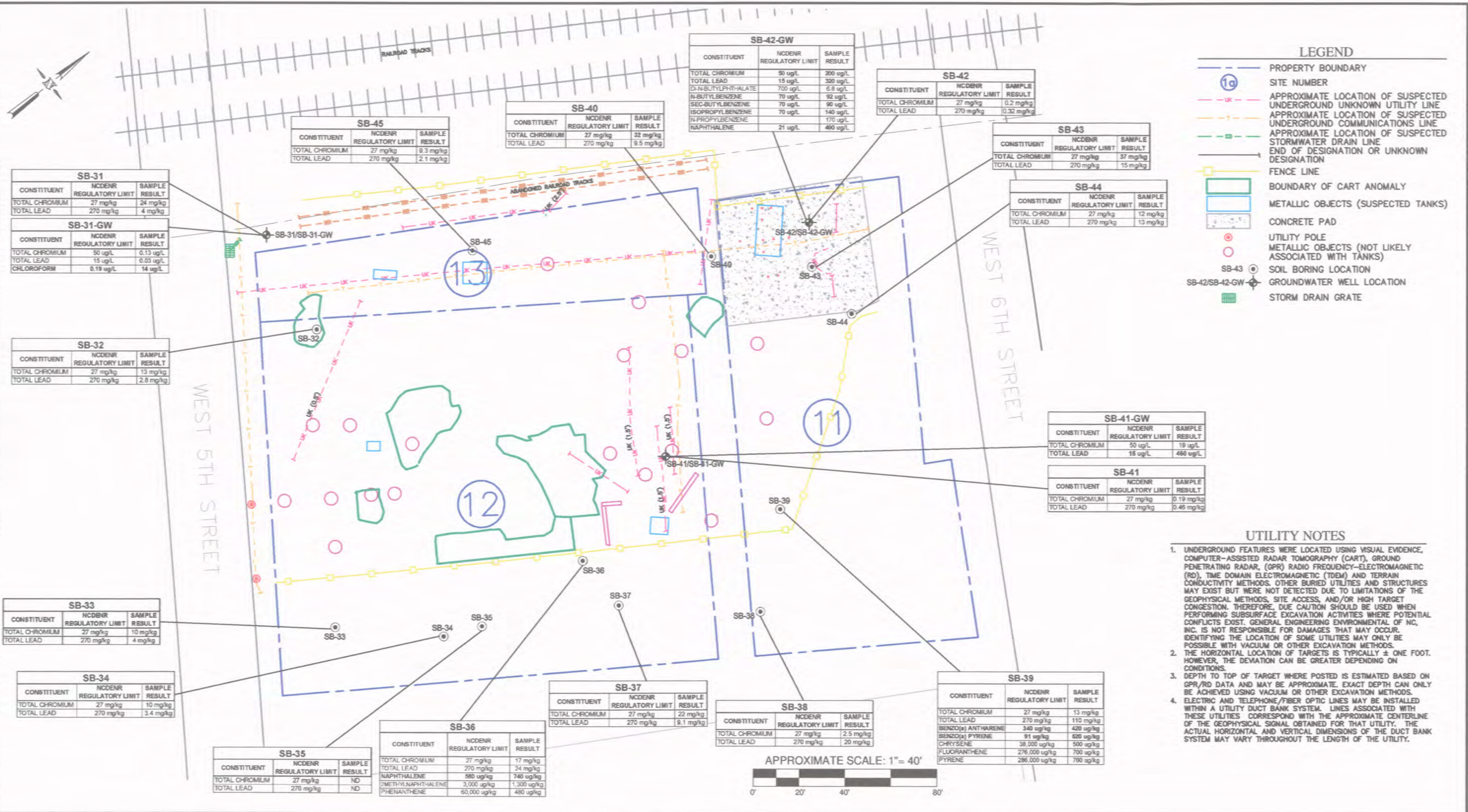
PROJECT: ncdt01005c
 MULTI-MODAL RAIL STATION, PRELIMINARY SITE ASSESSMENT
 SITES 1a, 1b, 1c, 1d, 2a, 2b, 2c, 11, 12, 13, & 24a
 CHARLOTTE, NORTH CAROLINA
 STATE PROJECT P-3800, WBS #32179, MECKLENBURG COUNTY

DATE: December 19, 2005

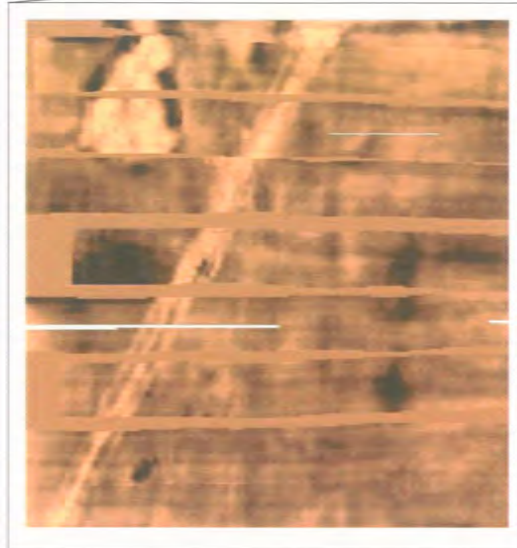
SUBJECT SITE AND SURROUNDING PROPERTIES

DRAWN BY: TJP APPRV. BY: RMM

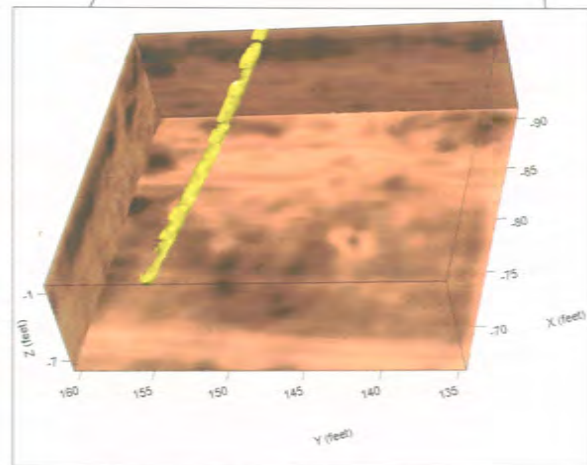
FIGURE
2



FILE LOCATION: G:\P\Projects\ncdt01005c\Figs.dwg LAYOUT: TAB_P3_11
 BY: t.jp DATE: 12/19/05 9:22am



Plan view CART image of subsurface anomaly and unknown utility



Isometric of unknown subsurface utility



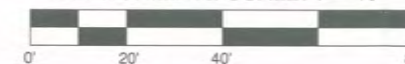
Plan view CART image of subsurface rail ties

LEGEND	
	PROPERTY BOUNDARY
	SITE NUMBER
	APPROXIMATE LOCATION OF SUSPECTED UNDERGROUND UNKNOWN UTILITY LINE
	APPROXIMATE LOCATION OF SUSPECTED UNDERGROUND COMMUNICATIONS LINE
	APPROXIMATE LOCATION OF SUSPECTED STORMWATER DRAIN LINE
	END OF DESIGNATION OR UNKNOWN DESIGNATION
	FENCE LINE
	BOUNDARY OF CART ANOMALY
	METALLIC OBJECTS (SUSPECTED TANKS)
	CONCRETE PAD
	UTILITY POLE
	METALLIC OBJECTS (NOT LIKELY ASSOCIATED WITH TANKS)
	STORM DRAIN GRATE

UTILITY NOTES

- UNDERGROUND FEATURES WERE LOCATED USING VISUAL EVIDENCE, COMPUTER-ASSISTED RADAR TOMOGRAPHY (CART), GROUND PENETRATING RADAR, (GPR) RADIO FREQUENCY-ELECTROMAGNETIC (RF), TIME DOMAIN ELECTROMAGNETIC (TDEM) AND TERRAIN CONDUCTIVITY METHODS. OTHER BURIED UTILITIES AND STRUCTURES MAY EXIST BUT WERE NOT DETECTED DUE TO LIMITATIONS OF THE GEOPHYSICAL METHODS, SITE ACCESS, AND/OR HIGH TARGET CONGESTION. THEREFORE, DUE CAUTION SHOULD BE USED WHEN PERFORMING SUBSURFACE EXCAVATION ACTIVITIES WHERE POTENTIAL CONFLICTS EXIST. GENERAL ENGINEERING ENVIRONMENTAL OF NC, INC. IS NOT RESPONSIBLE FOR DAMAGES THAT MAY OCCUR. IDENTIFYING THE LOCATION OF SOME UTILITIES MAY ONLY BE POSSIBLE WITH VACUUM OR OTHER EXCAVATION METHODS.
- THE HORIZONTAL LOCATION OF TARGETS IS TYPICALLY ± ONE FOOT. HOWEVER, THE DEVIATION CAN BE GREATER DEPENDING ON CONDITIONS.
- DEPTH TO TOP OF TARGET WHERE POSTED IS ESTIMATED BASED ON GPR/RF DATA AND MAY BE APPROXIMATE. EXACT DEPTH CAN ONLY BE ACHIEVED USING VACUUM OR OTHER EXCAVATION METHODS.
- ELECTRIC AND TELEPHONE/FIBER OPTIC LINES MAY BE INSTALLED WITHIN A UTILITY DUCT BANK SYSTEM. LINES ASSOCIATED WITH THESE UTILITIES CORRESPOND WITH THE APPROXIMATE CENTERLINE OF THE GEOPHYSICAL SIGNAL OBTAINED FOR THAT UTILITY. THE ACTUAL HORIZONTAL AND VERTICAL DIMENSIONS OF THE DUCT BANK SYSTEM MAY VARY THROUGHOUT THE LENGTH OF THE UTILITY.

APPROXIMATE SCALE: 1" = 40'



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PROJECT: ncdt01005c

MULTI-MODAL RAIL STATION, PRELIMINARY SITE ASSESSMENT
SITES 11, 12, & 13
CHARLOTTE, NORTH CAROLINA
STATE PROJECT P-3800, WBS #32179, MECKLENBURG COUNTY

DATE: December 19, 2005

SITE MAP HIGHLIGHTING
CART DATA INTERPRETATION

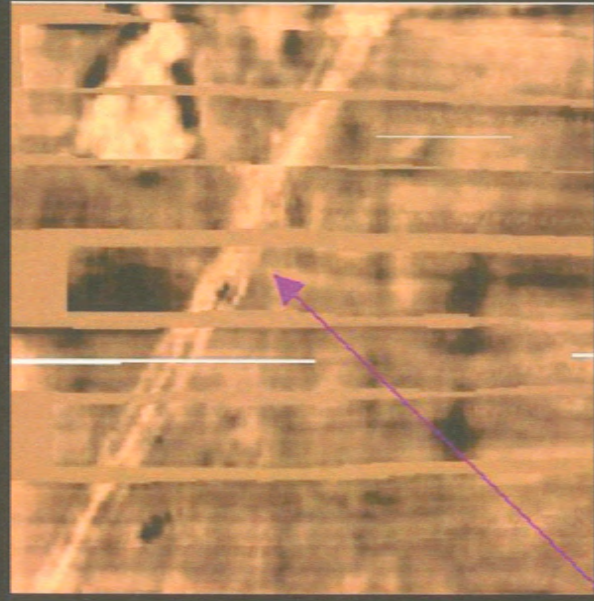
FIGURE

3a

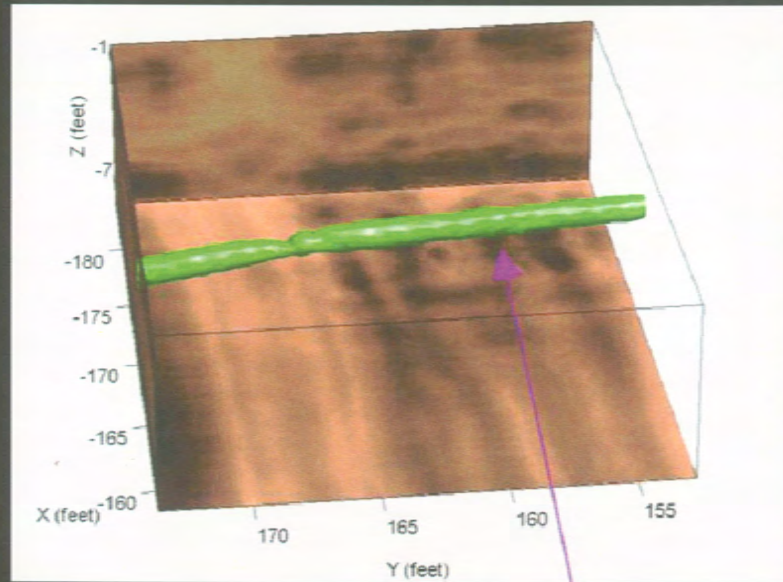
DRAWN BY: TJP/KSM

APPRV. BY: RMM

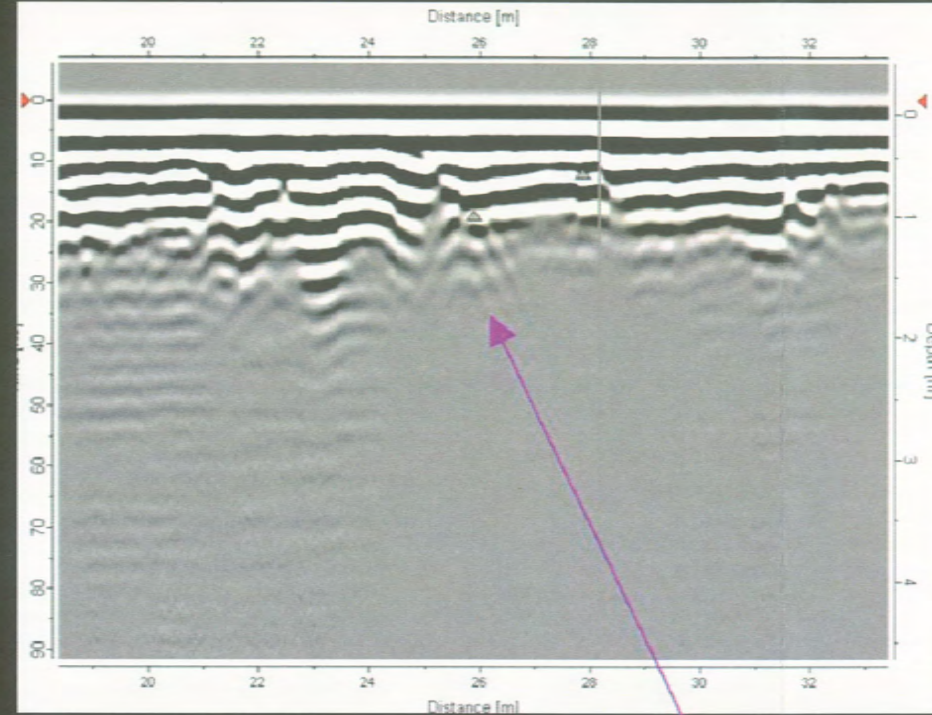
PLOTTED: Dec. 21, 2005 11:16am By: tjp FILE LOCATION: G:\PNNV\ncdt01005c\ncdt01005c_Figs.dwg LAYOUT: TAB: F30



PLAN VIEW IMAGE OF SUBSURFACE UTILITY ACQUIRED WITH CART SYSTEM



ISOMETRIC OF SUBSURFACE UTILITY CREATED FROM CART DATA



RESPONSE OF EXACT SAME SUBSURFACE UTILITY IN TRADITIONAL GPR PROFILE

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PROJECT: ncdt01005c

MULTI-MODAL RAIL STATION, PRELIMINARY SITE ASSESSMENT
SITE 11, 12, & 13
CHARLOTTE, NORTH CAROLINA
STATE PROJECT P-3800, WBS #32179, MECKLENBURG COUNTY

DATE: December 19, 2005

ILLUSTRATION OF CART AND GPR
DATA PRODUCTS

DRAWN BY: TJP

APPRV. BY: RMM

FIGURE

3b

PLOTTED: Dec 21, 2005 11:14am BY: tjp FILE LOCATION: G:\1-P\N\ncdt01005c\ncdt01005c_fig3b.dwg LAYOUT: TAB: F3b

SOIL BORING LOG

Boring/Well No.: **SB-31**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 2.0'	NA		Cover material, fill (rocks, concrete, gravel, sand, silt, and clay).	GC/ SC/ ML
2	2.0' - 11.0'	NA	3.0 5.1	Tan/orange mottled sandy-silty-clayey saprolite, stiff, friable. PID sample collected from 3'-4' and 7'-8' bls.	ML / CL/OL
3	11.0' - 15.0'	NA	3.8 4.8	Same as above but with more defined parent rock texture PID sample collected from 11'-12' and 14'-15' bls	ML / CL/OL
4				Total depth of boring is 15.0'	
5					
6					
7					
8					
9					
10					
11					
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-32**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.5'	NA		Cover material, fill (rocks, concrete, sand, silt, and clay).	-
2	1.5' - 3.0'	NA	5.8	Brown/orange mottled silty clay and clayey silt, very stiff, friable, dry. PID sample from 3'-4'	ML / CL/OL
3	3.0' - 15.0'	NA	3.2 5.5 7.8	Brown/orange/gray mottled sandy-silty-clayey saprolite, friable to very friable, soft to very stiff. PID samples from 7'-8', 11'-12', and 14'-15'	ML / CL/OL
4				Total depth of boring is 15.0'	
5					
6					
7					
8					
9					
10					
11					
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-33**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 2.0'	NA		Cover material, fill (rocks, gravel, sand, silt, and clay).	GC/ SC/ ML
2	2.0' - 3.0'	NA		Red silty clay, stiff to very stiff, plastic	ML/ CL
3	3.0' - 5.0'	NA	8.6	Brown/orange (mottled) silty/clayey sand with some silty/sandy clay lenses, friable. PID sample collected from 3'-4' bls.	SC/ ML/ CL/OL
4	5.0' - 15.0'	NA	14.5 10.0 12.7	Mixture of gravel, rock fragments, sand, silt, and clay (fill?) PID samples collected from 7'-8', 11'-12', and 14'-15' bls.	ML/ CL/OL
5				Total depth of boring is 15.0'	
6					
7					
8					
9					
10					
11					
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-34**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 2.0'	NA		Cover material, fill (rocks, gravel, sand, silt, and clay).	GC/ SC/ ML
2	2.0' - 3.5'	NA		Orange mottled silty clay, plastic, stiff.	ML/ CL
3	3.5' - 4.0'	NA	28.4	Mixture of gravel, rock fragments, sand, silt, and clay (fill?) PID sample collected from 3'-4' bls.	GC/ SC/ ML
4	4.0' - 5.0'	NA		Mixture of gravel, rock fragments, sand, silt, and clay (fill?)	GC/ SC/ ML
5	5.0' - 9.0'	NA	9.3	Black sandy/gravelly fill (weathered asphalt?) layered with red silty clay, plastic, stiff. PID sample collected from 7'-8' bls	GC/ SC/ ML
6	9.0' - 13.0'	NA	11.8	Brown mottled silty clay, stiff to very stiff, somewhat friable. PID sample collected from 11'-12' bls	ML/ CL/OL
7	13.0' -15.0'	NA	80.4	Tan/beige/orange (mottled) sandy-silty-clayey saprolite, very friable. PID sample collected from 14'-15' bls	ML/ CL/OL
8				Total depth of boring is 15.0'	
9					
10					
11					
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-35**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.5'	NA		Cover material, fill (rocks, concrete, sand, silt, and clay).	-
2	1.5' - 7.5'	NA	3.6	Alternating layers of weathered brick, tan very fine sand, and black organic (wood). Most likely fill material. PID samples collected from 3'-4' bls.	-
3	7.5' - 10.0'	NA	1.1	Brown/orange mottled silty clay, stiff, somewhat plastic, friable. PID samples collected from 7'-8' bls	ML / OL
4	10.0' - 11.5'	NA		Gray sand grading to gray sandy silt and clay, soft, damp.	SP / SM/SC
5	11.5' - 13.0'	NA	4.0	Gray and orange (mottled) silty clay, plastic, stiff to very stiff, friable. PID sampled collected from 11'-12' bls.	ML
6	13.0' - 15.0'	NA	3.8	Brown/gray sandy clay with gray sand lenses, wet, soft to stiff, plastic. PID sample collected from 14'-15' bls.	ML / SM
7				Total depth of boring is 15.0'	
8					
9					
10					
11					
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-36**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 10.0'	NA	4.0 5.2	Cover material, fill (rocks, concrete, gravel, sand, silt, and clay). PID sample collected from 3'-4' and 7'-8' bls.	GC/ SC/ ML
2	10.0' - 10.5'	NA		Gray clayey sand lense, friable	SC
3	10.5' - 15.0'	NA	4.0 4.6	Brown to dark brown clayey-silty-sand and clay (saprolite), soft, plastic. PID sample collected from 11'-12' and 14'-15' bls	ML / CL/OL
4				Total depth of boring is 15.0'	
5					
6					
7					
8					
9					
10					
11					
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-37**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 3.0'	NA		Cover material, fill (rocks, gravel, sand, silt, and clay).	GC/ SC/ ML
2	3.0' - 4.0'	NA	6.1	Deep rust colored clay, plastic, stiff, grading to mottled orange/brown clay, plastic. PID sample collected from 3'-4' bls.	CL
3	4.0' - 7.0'	NA		Black silty sand with gravel and organics (wood fragments).	SM
4	7.0' - 10.0'	NA	15.0	Gray silty clay grading to gray silty sand with black wood fragments. PID sample collected from 7'-8' bls.	ML/ SC
5	10.0' - 15.0'	NA	19.9 15.8	Brown soft silty clay grading to mottled brown/gray sandy-silty-clayey saprolite becoming more gray with depth. PID samples collected from 11'-12' and 14'-15' bls.	ML/ CL/OL
6				Total depth of boring is 15.0'	
7					
8					
9					
10					
11					
12					

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

Not recovering full 4' cores. Top 1/3 to 1/2 of cores appears to be fill materials that falls into the hole during core extraction.

SOIL BORING LOG

Boring/Well No.: **SB-38**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 3.0'	NA		Cover material, fill (rocks, gravel, asphalt, sand, silt, and clay).	GC/ SC/ ML
2	3.0' - 4.0'	NA	5.2	Rust colored silty clay, dense, plastic. PID sample collected from 3'-4' bls.	ML/ CL
3	4.0' - 6.0'	NA		Rust colored clay with sand with black mottled sand/silt lenses and organics (wood fragments).	SM ML/ CL
4	6.0' - 8.0'	NA	5.5	Brown/rust colored clayey silt, friable grading to rust colored silty clay. PID sample collected from 7'-8'.	ML/ CL
5	8.0' - 11.0'	NA	7.2	Brown sandy-silty-clayey saprolite, mottled with sandier lenses. PID sample collected from 11'-12' bls.	SC/ ML/ CL/OL
6	11.0' - 15.0'	NA	6.4	Red clay grading to mottled rust colored/dark gray to grayish brown silty clay. PID sample collected from 14'-15' bls.	ML/ CL/OL
7				Total depth of boring is 15.0'	
8					
9					
10					
11					
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-39**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 4.0'	NA	4.7	Cover material, fill (rocks, gravel, asphalt, sand, silt, and clay). PID sample collected from 3'-4' bls.	GC/ SC/ ML
2	4.0' - 5.0'	NA		Red silty clay, dense, plastic	ML/ CL
3	5.0' - 9.0'	NA	5.0	Brown fine to medium sand grading to mottled clay grading to fine to medium sand and silt with clay. PID sample collected from 7'-8'.	SM ML/ CL/OL
4	9.0' - 10.0'	NA		Rust colored sandy-silty-clayey saprolite, friable, soft to dense.	ML/ CL/OL
5	10.0' - 11.0'	NA		Tan very fine to fine sand, friable	SM
6	11.0' - 12.0'	NA	5.3	Brown/black mottled sandy silt with clay, rock fragments (saprolite), friable	SC/ ML/ CL/OL
7	12.0' - 14.0'	NA		Brown/black mottled sandy silt with clay, rock fragments (saprolite), friable	SC/ ML/ CL/OL
8	14.0' - 15.0'	NA	6.1	Dark brown to brown mottled sandy-silty-clayey saprolite, dense, friable. PID sample collected from 14'-15' bls.	ML/ CL/OL
9				Total depth of boring is 15.0'	
10					
11					
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-40**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 3.0'	NA		Cover material, fill (rocks, gravel, sand, silt, and clay).	GC/ SC/ ML
2	3.0' - 6.0'	NA	8.5	Red silty clay and clayey silt, soft to very stiff, plastic, slightly mottled. PID sample collected from 3'-4' bls.	ML/ CL
3	6.0' - 7.0'	NA		Layered fill (?) black, stiff wood, rock fragments, fine sand grading to orange very fine sand and silty clay.	SC/ ML/ CL
4	7.0' - 8.0'	NA	5.1	Orange/red mottled silty-sandy clay and silt, soft to stiff. PID sample collected from 7'-8' bls	SC/ ML/ CL
5	8.0' - 14.0'	NA	11.6	Slightly mottled orange/red silty clay, soft to stiff, friable, slightly plastic. PID sample collected from 11'-12' bls	ML/ CL/OL
6	14.0' - 15.0'	NA	3.5	Orange/brown silty clay, wood fragments, soft, some rock fragments. PID sample collected from 14'-15' bls	ML/ CL/OL
7				Total depth of boring is 15.0'	
8					
9					
10					
11					
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-41**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 1.5'	NA		Cover material, fill (rocks, gravel, asphalt, sand, silt, and clay).	GC/ SC/ ML
2	1.5' - 2.0'	NA		Dark brown silty sand, friable, dense	SM
3	2.0' - 4.0'	NA	13.2	Tan, very fine to fine sand with silt and some rock fragments, friable. PID sample collected from 3'-4' bls.	SP
4	4.0' - 5.5'	NA		Orange red (mottled) clay, plastic, soft	CL
5	5.5' - 11.0'	NA	16.7	Interbedded friable sandy-silty-clayey saprolite with mottled silty clay and clay with some brown sand lenses. PID sample collected from 7'-8' bls.	ML/ CL/ OL/SC
6	11.0' - 12.0'	NA	26.4	Black/dark gray clayey silt and silty clay, friable, stiff. PID sample collected from 11'-12' bls.	ML/ CL
7	12.0' - 15.0'	NA	24.1	Orange clay grading to grayish green silty clay, plastic, dense. PID sample collected from 14'-15' bls.	CL/ ML
8				Total depth of boring is 15.0'	
9					
10					
11					
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-42**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 3.5'	NA	2.6	Cover material, fill (rocks, gravel, sand, silt, and clay).	GC/ SC/ ML
2	3.5' - 12.0'	NA	15.1 20.0	Interbedded red silty clay, clay, and silty sand, friable, with soft to stiff clay. PID samples collected from 7'-8' and 11'-12' bls.	SC/ ML/ CL
3	12.0' - 14.0'	NA		Orange silty-sandy clay grading to brown silty clay, soft to stiff.	ML/ CL/OL
4	14.0' - 15.0'	NA	1.6	Brown/gray clayey silt, some fine-medium-coarse sand, slight petroleum odor, metal fragments (?). PID sample collected from 14'-15' bls.	SC/ ML/ CL/OL
5				Total depth of boring is 15.0'	
6					
7					
8					
9					
10					
11					
12					

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

Set well at this location. According to drillers, there is a strong petroleum odor at approximately 18' bls. Water has petroleum sheen.

SOIL BORING LOG

Boring/Well No.: **SB-43**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 2.5'	NA		Cover material, fill (rocks, gravel, sand, silt, and clay).	GC/ SC/ ML
2	2.5' - 9.0'	NA	4.0 6.3	Red silty clay, plastic, medium stiff to stiff. PID samples collected from 3'-4' and 7'-8' bls.	ML/ CL
3	9.0' - 15.0'	NA	4.1 5.7	Mottled silty clay interbedded w/ sandy/silty clay lenses. Black plastic material @ 15'. Grayish green silty clay @ 15', petroleum odor. PID samples collected from 11'-12' and 14'-15' bls.	SC/ ML/ CL/OL
4				Total depth of boring is 15.0'	
5					
6					
7					
8					
9					
10					
11					
12					

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

Set well at this location. According to drillers, there is a strong petroleum odor at approximately 18' bls. Water has petroleum sheen.

SOIL BORING LOG

Boring/Well No.: **SB-44**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 2.0'	NA		Cover material, fill (rocks, gravel, sand, silt, and clay).	GC/ SC/ ML
2	2.0' - 6.0'	NA	3.6	Red silty clay, minor mottling, stiff to very stiff, friable, slightly plastic. PID sample collected from 3'-4' bls.	ML/ CL
3	6.0' - 9.0'	NA	2.2	6" layer of red brick separated by very stiff, mottled clayey silt and silty clay, very friable. PID sample collected from 7'-8' bls	ML/ CL
4	9.0' - 9.5'	NA		Red brick	-
5	9.5' - 10.5'	NA		Red, stiff silty clay, no mottling, friable	OL
6	10.5' - 12.0'	NA	2.7	Orange/tan mottled, sandy-silty-clayey saprolite, very friable, stiff. PID sample collected from 11'-12' bls	ML/ CL/OL
7	12.0' - 15.0'	NA	2.2	Orange with some tan, mottled sandy-silty-clayey saprolite, very stiff, friable. PID sample collected from 14'-15' bls	ML/ CL/OL
8				Total depth of boring is 15.0'	
9					
10					
11					
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-45**
 Date Started: 10/28/05
 Date Completed: 10/28/05

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0' - 2.0'	NA		Cover material, fill (rocks, gravel, sand, silt, and clay).	GC/ SC/ ML
2	2.0' - 8.0'	NA	1.4 2.7	Brown silty-clay and clayey-silt, friable, soft to still. PID sample collected from 3'-4' and 7'-8' bls.	ML/ CL
3	8.0' - 13.0'	NA	3.4	Tan to brown, mottled, sandy-silty-clayey saprolite. PID sample collected from 11'-12' bls.	ML/ CL/OL
4	13.0' - 15.0'	NA	2.5	Brown clayey silt, very soft, friable, poorly graded becoming stiff to medium stiff.	CL/OL
5				Total depth of boring is 15.0'	
6					
7					
8					
9					
10					
11					
12					

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

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

Lab Sample No: 926278490 Project Sample Number: 92106389-021 Date Collected: 10/28/05 13:30
Client Sample ID: SB-31 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	24.	mg/kg	0.21	11/09/05 04:33	ALV	7440-47-3		
Lead	4.0	mg/kg	0.52	11/09/05 04:33	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	12.5	%		10/31/05 09:04	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	380	11/10/05 10:41	BET	83-32-9		
Acenaphthylene	ND	ug/kg	380	11/10/05 10:41	BET	208-96-8		
Anthracene	ND	ug/kg	380	11/10/05 10:41	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	380	11/10/05 10:41	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	380	11/10/05 10:41	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	380	11/10/05 10:41	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	11/10/05 10:41	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	380	11/10/05 10:41	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	750	11/10/05 10:41	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	380	11/10/05 10:41	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	380	11/10/05 10:41	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	380	11/10/05 10:41	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	750	11/10/05 10:41	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	750	11/10/05 10:41	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	380	11/10/05 10:41	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	380	11/10/05 10:41	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	380	11/10/05 10:41	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	380	11/10/05 10:41	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	380	11/10/05 10:41	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	380	11/10/05 10:41	BET	7005-72-3		
Chrysene	ND	ug/kg	380	11/10/05 10:41	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	380	11/10/05 10:41	BET	53-70-3		
Dibenzofuran	ND	ug/kg	380	11/10/05 10:41	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	380	11/10/05 10:41	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	380	11/10/05 10:41	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	380	11/10/05 10:41	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	750	11/10/05 10:41	BET	91-94-1		

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: 926278490 Project Sample Number: 92106389-021 Date Collected: 10/28/05 13:30
 Client Sample ID: SB-31 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	380	11/10/05 10:41	BET	120-83-2		
Diethylphthalate	ND	ug/kg	380	11/10/05 10:41	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	380	11/10/05 10:41	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	380	11/10/05 10:41	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	380	11/10/05 10:41	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	380	11/10/05 10:41	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1900	11/10/05 10:41	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	380	11/10/05 10:41	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	380	11/10/05 10:41	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	380	11/10/05 10:41	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	380	11/10/05 10:41	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	11/10/05 10:41	BET	117-81-7		
Fluoranthene	ND	ug/kg	380	11/10/05 10:41	BET	206-44-0		
Fluorene	ND	ug/kg	380	11/10/05 10:41	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	380	11/10/05 10:41	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	380	11/10/05 10:41	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	380	11/10/05 10:41	BET	77-47-4		
Hexachloroethane	ND	ug/kg	380	11/10/05 10:41	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	11/10/05 10:41	BET	193-39-5		
Isophorone	ND	ug/kg	380	11/10/05 10:41	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	380	11/10/05 10:41	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	380	11/10/05 10:41	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	380	11/10/05 10:41	BET			
Naphthalene	ND	ug/kg	380	11/10/05 10:41	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	11/10/05 10:41	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	11/10/05 10:41	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	11/10/05 10:41	BET	100-01-6		
Nitrobenzene	ND	ug/kg	380	11/10/05 10:41	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	380	11/10/05 10:41	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	11/10/05 10:41	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	380	11/10/05 10:41	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	380	11/10/05 10:41	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	11/10/05 10:41	BET	87-86-5		
Phenanthrene	ND	ug/kg	380	11/10/05 10:41	BET	85-01-8		
Phenol	ND	ug/kg	380	11/10/05 10:41	BET	108-95-2		
Pyrene	ND	ug/kg	380	11/10/05 10:41	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	380	11/10/05 10:41	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	380	11/10/05 10:41	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	380	11/10/05 10:41	BET	88-06-2		

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 FI NFI AP E87628



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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: 926278490 Project Sample Number: 92106389-021 Date Collected: 10/28/05 13:30
 Client Sample ID: SB-31 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	79	%		11/10/05 10:41	BET	4165-60-0		
2-Fluorobiphenyl (S)	73	%		11/10/05 10:41	BET	321-60-8		
Terphenyl-d14 (S)	80	%		11/10/05 10:41	BET	1718-51-0		
Phenol-d5 (S)	70	%		11/10/05 10:41	BET	4165-62-2		
2-Fluorophenol (S)	60	%		11/10/05 10:41	BET	367-12-4		
2,4,6-Tribromophenol (S)	65	%		11/10/05 10:41	BET	118-79-6		
Date Extracted	11/07/05			11/07/05				

GC/MS Volatiles

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

Acetone	ND	ug/kg	85.	11/03/05 02:23	DLK	67-64-1		
Benzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	75-27-4		
Bromoform	ND	ug/kg	4.2	11/03/05 02:23	DLK	75-25-2		
Bromomethane	ND	ug/kg	8.5	11/03/05 02:23	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	85.	11/03/05 02:23	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.2	11/03/05 02:23	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	108-90-7		
Chloroethane	ND	ug/kg	8.5	11/03/05 02:23	DLK	75-00-3		
Chloroform	ND	ug/kg	4.2	11/03/05 02:23	DLK	67-66-3		
Chloromethane	ND	ug/kg	8.5	11/03/05 02:23	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.2	11/03/05 02:23	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.2	11/03/05 02:23	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	11/03/05 02:23	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	11/03/05 02:23	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	8.5	11/03/05 02:23	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.2	11/03/05 02:23	DLK	75-35-4		

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

Lab Sample No: 926278490 Project Sample Number: 92106389-021 Date Collected: 10/28/05 13:30
 Client Sample ID: SB-31 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	4.2	11/03/05 02:23	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.2	11/03/05 02:23	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.2	11/03/05 02:23	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.2	11/03/05 02:23	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.2	11/03/05 02:23	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.2	11/03/05 02:23	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.2	11/03/05 02:23	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.2	11/03/05 02:23	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.2	11/03/05 02:23	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	11/03/05 02:23	DLK	87-68-3		
2-Hexanone	ND	ug/kg	42.	11/03/05 02:23	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	11/03/05 02:23	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.2	11/03/05 02:23	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.2	11/03/05 02:23	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.	11/03/05 02:23	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.2	11/03/05 02:23	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.2	11/03/05 02:23	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	103-65-1		
Styrene	ND	ug/kg	4.2	11/03/05 02:23	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.2	11/03/05 02:23	DLK	127-18-4		
Toluene	ND	ug/kg	4.2	11/03/05 02:23	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.2	11/03/05 02:23	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.2	11/03/05 02:23	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.2	11/03/05 02:23	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	11/03/05 02:23	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	42.	11/03/05 02:23	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	8.5	11/03/05 02:23	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.2	11/03/05 02:23	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	8.5	11/03/05 02:23	DLK			
o-Xylene	ND	ug/kg	4.2	11/03/05 02:23	DLK	95-47-6		
Toluene-d8 (S)	103	%		11/03/05 02:23	DLK	2037-26-5		

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

Lab Sample No: 926278490 Project Sample Number: 92106389-021 Date Collected: 10/28/05 13:30
 Client Sample ID: SB-31 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	101	%		11/03/05 02:23	DLK	460-00-4		
Dibromofluoromethane (S)	108	%		11/03/05 02:23	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	102	%		11/03/05 02:23	DLK	17060-07-0		

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 NC Drinking Water 37706
 SC 99006
 FI NFI AP F87627



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: 926278516 Project Sample Number: 92106389-023 Date Collected: 10/28/05 14:00
 Client Sample ID: SB-32 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	13.	mg/kg	0.22	11/09/05 04:49	ALV	7440-47-3		
Lead	2.8	mg/kg	0.56	11/09/05 04:49	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	11.0	%		10/31/05 09:19	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	11/10/05 11:54	BET	83-32-9		
Acenaphthylene	ND	ug/kg	370	11/10/05 11:54	BET	208-96-8		
Anthracene	ND	ug/kg	370	11/10/05 11:54	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	370	11/10/05 11:54	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	370	11/10/05 11:54	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	370	11/10/05 11:54	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	11/10/05 11:54	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	370	11/10/05 11:54	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	740	11/10/05 11:54	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	370	11/10/05 11:54	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	370	11/10/05 11:54	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	370	11/10/05 11:54	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	740	11/10/05 11:54	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	740	11/10/05 11:54	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	370	11/10/05 11:54	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	370	11/10/05 11:54	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	11/10/05 11:54	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	370	11/10/05 11:54	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	370	11/10/05 11:54	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	370	11/10/05 11:54	BET	7005-72-3		
Chrysene	ND	ug/kg	370	11/10/05 11:54	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	370	11/10/05 11:54	BET	53-70-3		
Dibenzofuran	ND	ug/kg	370	11/10/05 11:54	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	370	11/10/05 11:54	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	370	11/10/05 11:54	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	370	11/10/05 11:54	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	740	11/10/05 11:54	BET	91-94-1		

REPORT OF LABORATORY ANALYSIS

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Asheville Certification IDs
 NC Wastewater 40
 NC Drinking Water 37712
 SC Environmental 99030
 FI NFI AP F87648



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



Pace Analytical Services, Inc.
 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: 926278516 Project Sample Number: 92106389-023 Date Collected: 10/28/05 14:00
 Client Sample ID: SB-32 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	370	11/10/05 11:54	BET	120-83-2		
Diethylphthalate	ND	ug/kg	370	11/10/05 11:54	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	370	11/10/05 11:54	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	370	11/10/05 11:54	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	370	11/10/05 11:54	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	370	11/10/05 11:54	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1900	11/10/05 11:54	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	370	11/10/05 11:54	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	370	11/10/05 11:54	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	370	11/10/05 11:54	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	370	11/10/05 11:54	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	11/10/05 11:54	BET	117-81-7		
Fluoranthene	ND	ug/kg	370	11/10/05 11:54	BET	206-44-0		
Fluorene	ND	ug/kg	370	11/10/05 11:54	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	370	11/10/05 11:54	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	370	11/10/05 11:54	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	370	11/10/05 11:54	BET	77-47-4		
Hexachloroethane	ND	ug/kg	370	11/10/05 11:54	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	11/10/05 11:54	BET	193-39-5		
Isophorone	ND	ug/kg	370	11/10/05 11:54	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	370	11/10/05 11:54	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	370	11/10/05 11:54	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	370	11/10/05 11:54	BET			
Naphthalene	ND	ug/kg	370	11/10/05 11:54	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	11/10/05 11:54	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	11/10/05 11:54	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	11/10/05 11:54	BET	100-01-6		
Nitrobenzene	ND	ug/kg	370	11/10/05 11:54	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	370	11/10/05 11:54	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	11/10/05 11:54	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	370	11/10/05 11:54	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	370	11/10/05 11:54	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	11/10/05 11:54	BET	87-86-5		
Phenanthrene	ND	ug/kg	370	11/10/05 11:54	BET	85-01-8		
Phenol	ND	ug/kg	370	11/10/05 11:54	BET	108-95-2		
Pyrene	ND	ug/kg	370	11/10/05 11:54	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	370	11/10/05 11:54	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	370	11/10/05 11:54	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	370	11/10/05 11:54	BET	88-06-2		

Date: 11/14/05

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Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI ΔP F876ΔR



Pace Analytical Services, Inc.
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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: 926278516 Project Sample Number: 92106389-023 Date Collected: 10/28/05 14:00
 Client Sample ID: SB-32 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	69	%		11/10/05 11:54	BET	4165-60-0		
2-Fluorobiphenyl (S)	79	%		11/10/05 11:54	BET	321-60-8		
Terphenyl-d14 (S)	86	%		11/10/05 11:54	BET	1718-51-0		
Phenol-d5 (S)	64	%		11/10/05 11:54	BET	4165-62-2		
2-Fluorophenol (S)	56	%		11/10/05 11:54	BET	367-12-4		
2,4,6-Tribromophenol (S)	70	%		11/10/05 11:54	BET	118-79-6		
Date Extracted	11/07/05			11/07/05				

GC/MS Volatiles

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

Acetone	ND	ug/kg	99.	11/03/05 03:02	DLK	67-64-1		
Benzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	75-27-4		
Bromoform	ND	ug/kg	5.0	11/03/05 03:02	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.9	11/03/05 03:02	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	99.	11/03/05 03:02	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.0	11/03/05 03:02	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.9	11/03/05 03:02	DLK	75-00-3		
Chloroform	ND	ug/kg	5.0	11/03/05 03:02	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.9	11/03/05 03:02	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	5.0	11/03/05 03:02	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.0	11/03/05 03:02	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	11/03/05 03:02	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	11/03/05 03:02	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.9	11/03/05 03:02	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.0	11/03/05 03:02	DLK	75-35-4		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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 NC Drinking Water 37712
 SC Environmental 99030
 FI NFI AP F8764R

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





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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: 926278516 Project Sample Number: 92106389-023 Date Collected: 10/28/05 14:00
 Client Sample ID: SB-32 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	11/03/05 03:02	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.0	11/03/05 03:02	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.0	11/03/05 03:02	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.0	11/03/05 03:02	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.0	11/03/05 03:02	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.0	11/03/05 03:02	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.0	11/03/05 03:02	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.0	11/03/05 03:02	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.0	11/03/05 03:02	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	11/03/05 03:02	DLK	87-68-3		
2-Hexanone	ND	ug/kg	50.	11/03/05 03:02	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	11/03/05 03:02	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.0	11/03/05 03:02	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.0	11/03/05 03:02	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	50.	11/03/05 03:02	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.0	11/03/05 03:02	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.0	11/03/05 03:02	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	103-65-1		
Styrene	ND	ug/kg	5.0	11/03/05 03:02	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.0	11/03/05 03:02	DLK	127-18-4		
Toluene	ND	ug/kg	5.0	11/03/05 03:02	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.0	11/03/05 03:02	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.0	11/03/05 03:02	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.0	11/03/05 03:02	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	11/03/05 03:02	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	50.	11/03/05 03:02	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.9	11/03/05 03:02	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.0	11/03/05 03:02	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.9	11/03/05 03:02	DLK			
o-Xylene	ND	ug/kg	5.0	11/03/05 03:02	DLK	95-47-6		
Toluene-d8 (S)	102	%		11/03/05 03:02	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
 FI NFI AP ER76AR

Charlotte Certification IDs

NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI AP ER76AR





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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: 926278516 Project Sample Number: 92106389-023 Date Collected: 10/28/05 14:00
 Client Sample ID: SB-32 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	97	%		11/03/05 03:02	DLK	460-00-4		
Dibromofluoromethane (S)	115	%		11/03/05 03:02	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	113	%		11/03/05 03:02	DLK	17060-07-0		

Date: 11/14/05

Page: 115 of 186

REPORT OF LABORATORY ANALYSIS

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Asheville Certification IDs

NC Wastewater 40
 NC Drinking Water 37712
 SC Environmental 99030
 FI NFI AP F87648



Charlotte Certification IDs

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

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

Lab Sample No: 926278466 Project Sample Number: 92106389-018 Date Collected: 10/28/05 12:00
Client Sample ID: SB-33 8FT Matrix: Soil Date Received: 10/28/05 17:30

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	0.23	11/09/05 04:21	ALV	7440-47-3		
Lead	4.0	mg/kg	0.58	11/09/05 04:21	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	15.6	%		10/31/05 09:03	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	390	11/10/05 22:04	BET	83-32-9		
Acenaphthylene	ND	ug/kg	390	11/10/05 22:04	BET	208-96-8		
Anthracene	ND	ug/kg	390	11/10/05 22:04	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	390	11/10/05 22:04	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	390	11/10/05 22:04	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	390	11/10/05 22:04	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	11/10/05 22:04	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	390	11/10/05 22:04	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	780	11/10/05 22:04	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	390	11/10/05 22:04	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	390	11/10/05 22:04	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	390	11/10/05 22:04	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	780	11/10/05 22:04	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	780	11/10/05 22:04	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	390	11/10/05 22:04	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	390	11/10/05 22:04	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	390	11/10/05 22:04	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	390	11/10/05 22:04	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	390	11/10/05 22:04	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	390	11/10/05 22:04	BET	7005-72-3		
Chrysene	ND	ug/kg	390	11/10/05 22:04	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	390	11/10/05 22:04	BET	53-70-3		
Dibenzofuran	ND	ug/kg	390	11/10/05 22:04	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	390	11/10/05 22:04	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	390	11/10/05 22:04	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	390	11/10/05 22:04	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	780	11/10/05 22:04	BET	91-94-1		

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
E1 MFL AP E876AR



Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
E1 MFL AP E876AR



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: 926278466 Project Sample Number: 92106389-018 Date Collected: 10/28/05 12:00
 Client Sample ID: SB-33 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	11/10/05 22:04	BET	120-83-2		
Diethylphthalate	ND	ug/kg	390	11/10/05 22:04	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	390	11/10/05 22:04	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	390	11/10/05 22:04	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	390	11/10/05 22:04	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	390	11/10/05 22:04	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2000	11/10/05 22:04	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	390	11/10/05 22:04	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	390	11/10/05 22:04	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	390	11/10/05 22:04	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	390	11/10/05 22:04	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	390	11/10/05 22:04	BET	117-81-7		
Fluoranthene	ND	ug/kg	390	11/10/05 22:04	BET	206-44-0		
Fluorene	ND	ug/kg	390	11/10/05 22:04	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	390	11/10/05 22:04	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	390	11/10/05 22:04	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	390	11/10/05 22:04	BET	77-47-4		
Hexachloroethane	ND	ug/kg	390	11/10/05 22:04	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	390	11/10/05 22:04	BET	193-39-5		
Isophorone	ND	ug/kg	390	11/10/05 22:04	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	390	11/10/05 22:04	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	390	11/10/05 22:04	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	390	11/10/05 22:04	BET			
Naphthalene	ND	ug/kg	390	11/10/05 22:04	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	11/10/05 22:04	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	11/10/05 22:04	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	11/10/05 22:04	BET	100-01-6		
Nitrobenzene	ND	ug/kg	390	11/10/05 22:04	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	390	11/10/05 22:04	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	11/10/05 22:04	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	390	11/10/05 22:04	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	390	11/10/05 22:04	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	11/10/05 22:04	BET	87-86-5		
Phenanthrene	ND	ug/kg	390	11/10/05 22:04	BET	85-01-8		
Phenol	ND	ug/kg	390	11/10/05 22:04	BET	108-95-2		
Pyrene	ND	ug/kg	390	11/10/05 22:04	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	390	11/10/05 22:04	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	390	11/10/05 22:04	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	390	11/10/05 22:04	BET	88-06-2		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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 NC Drinking Water 37712
 SC Environmental 99030
 FI NFI AP F87648



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

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

Lab Sample No: 926278466 Project Sample Number: 92106389-018 Date Collected: 10/28/05 12:00
Client Sample ID: SB-33 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	66	%		11/10/05 22:04	BET	4165-60-0		
2-Fluorobiphenyl (S)	63	%		11/10/05 22:04	BET	321-60-8		
Terphenyl-d14 (S)	70	%		11/10/05 22:04	BET	1718-51-0		
Phenol-d5 (S)	44	%		11/10/05 22:04	BET	4165-62-2		
2-Fluorophenol (S)	28	%		11/10/05 22:04	BET	367-12-4		
2,4,6-Tribromophenol (S)	36	%		11/10/05 22:04	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	11/03/05 01:25	DLK	67-64-1
Benzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	75-27-4
Bromoform	ND	ug/kg	5.5	11/03/05 01:25	DLK	75-25-2
Bromomethane	ND	ug/kg	11.	11/03/05 01:25	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	110	11/03/05 01:25	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.5	11/03/05 01:25	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	108-90-7
Chloroethane	ND	ug/kg	11.	11/03/05 01:25	DLK	75-00-3
Chloroform	ND	ug/kg	5.5	11/03/05 01:25	DLK	67-66-3
Chloromethane	ND	ug/kg	11.	11/03/05 01:25	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.5	11/03/05 01:25	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.5	11/03/05 01:25	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	11/03/05 01:25	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	11/03/05 01:25	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	11.	11/03/05 01:25	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.5	11/03/05 01:25	DLK	75-35-4

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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NC Drinking Water 37712
SC Environmental 99030
FI NFI ΔP FR764R

Charlotte Certification IDs

NC Wastewater 12
NC Drinking Water 37706
SC 99006
FI NFI ΔP FR7627





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: 926278466 Project Sample Number: 92106389-018 Date Collected: 10/28/05 12:00
 Client Sample ID: SB-33 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	11/03/05 01:25	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.5	11/03/05 01:25	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.5	11/03/05 01:25	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.5	11/03/05 01:25	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.5	11/03/05 01:25	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.5	11/03/05 01:25	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.5	11/03/05 01:25	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.5	11/03/05 01:25	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.5	11/03/05 01:25	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	11/03/05 01:25	DLK	87-68-3		
2-Hexanone	ND	ug/kg	55.	11/03/05 01:25	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	11/03/05 01:25	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.5	11/03/05 01:25	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.5	11/03/05 01:25	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	55.	11/03/05 01:25	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.5	11/03/05 01:25	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.5	11/03/05 01:25	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	103-65-1		
Styrene	ND	ug/kg	5.5	11/03/05 01:25	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.5	11/03/05 01:25	DLK	127-18-4		
Toluene	ND	ug/kg	5.5	11/03/05 01:25	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.5	11/03/05 01:25	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.5	11/03/05 01:25	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.5	11/03/05 01:25	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	11/03/05 01:25	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	55.	11/03/05 01:25	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	11/03/05 01:25	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.5	11/03/05 01:25	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	11.	11/03/05 01:25	DLK			
o-Xylene	ND	ug/kg	5.5	11/03/05 01:25	DLK	95-47-6		
Toluene-d8 (S)	100	%		11/03/05 01:25	DLK	2037-26-5		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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 NC Drinking Water 37712
 SC Environmental 99030
 FI NFI ΔP F876ΔR



Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI ΔP F876ΔR



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: 926278466 Project Sample Number: 92106389-018 Date Collected: 10/28/05 12:00
 Client Sample ID: SB-33 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	95	%		11/03/05 01:25	DLK	460-00-4		
Dibromofluoromethane (S)	112	%		11/03/05 01:25	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	110	%		11/03/05 01:25	DLK	17060-07-0		

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
 FI NFI AP F87627

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

Lab Sample No: 926278474 Project Sample Number: 92106389-019 Date Collected: 10/28/05 12:45
Client Sample ID: SB-34 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	10.	mg/kg	0.24	11/09/05 04:25	ALV	7440-47-3		
Lead	3.4	mg/kg	0.61	11/09/05 04:25	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	19.5	%		10/31/05 09:03	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	410	11/10/05 22:40	BET	83-32-9		
Acenaphthylene	ND	ug/kg	410	11/10/05 22:40	BET	208-96-8		
Anthracene	ND	ug/kg	410	11/10/05 22:40	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	410	11/10/05 22:40	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	410	11/10/05 22:40	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	410	11/10/05 22:40	BET	56-55-3		
Benzoic acid	ND	ug/kg	2100	11/10/05 22:40	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	410	11/10/05 22:40	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	820	11/10/05 22:40	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	410	11/10/05 22:40	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	410	11/10/05 22:40	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	410	11/10/05 22:40	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	820	11/10/05 22:40	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	820	11/10/05 22:40	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	410	11/10/05 22:40	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	410	11/10/05 22:40	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	410	11/10/05 22:40	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	410	11/10/05 22:40	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	410	11/10/05 22:40	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	410	11/10/05 22:40	BET	7005-72-3		
Chrysene	ND	ug/kg	410	11/10/05 22:40	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	410	11/10/05 22:40	BET	53-70-3		
Dibenzofuran	ND	ug/kg	410	11/10/05 22:40	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	410	11/10/05 22:40	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	410	11/10/05 22:40	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	410	11/10/05 22:40	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	820	11/10/05 22:40	BET	91-94-1		

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

Lab Sample No: 926278474 Project Sample Number: 92106389-019 Date Collected: 10/28/05 12:45
 Client Sample ID: SB-34 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	410	11/10/05 22:40	BET	120-83-2		
Diethylphthalate	ND	ug/kg	410	11/10/05 22:40	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	410	11/10/05 22:40	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	410	11/10/05 22:40	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	410	11/10/05 22:40	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	410	11/10/05 22:40	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2100	11/10/05 22:40	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	410	11/10/05 22:40	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	410	11/10/05 22:40	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	410	11/10/05 22:40	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	410	11/10/05 22:40	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	410	11/10/05 22:40	BET	117-81-7		
Fluoranthene	ND	ug/kg	410	11/10/05 22:40	BET	206-44-0		
Fluorene	ND	ug/kg	410	11/10/05 22:40	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	410	11/10/05 22:40	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	410	11/10/05 22:40	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	410	11/10/05 22:40	BET	77-47-4		
Hexachloroethane	ND	ug/kg	410	11/10/05 22:40	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	410	11/10/05 22:40	BET	193-39-5		
Isophorone	ND	ug/kg	410	11/10/05 22:40	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	410	11/10/05 22:40	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	410	11/10/05 22:40	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	410	11/10/05 22:40	BET			
Naphthalene	ND	ug/kg	410	11/10/05 22:40	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2100	11/10/05 22:40	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2100	11/10/05 22:40	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2100	11/10/05 22:40	BET	100-01-6		
Nitrobenzene	ND	ug/kg	410	11/10/05 22:40	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	410	11/10/05 22:40	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2100	11/10/05 22:40	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	410	11/10/05 22:40	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	410	11/10/05 22:40	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2100	11/10/05 22:40	BET	87-86-5		
Phenanthrene	ND	ug/kg	410	11/10/05 22:40	BET	85-01-8		
Phenol	ND	ug/kg	410	11/10/05 22:40	BET	108-95-2		
Pyrene	ND	ug/kg	410	11/10/05 22:40	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	410	11/10/05 22:40	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	410	11/10/05 22:40	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	410	11/10/05 22:40	BET	88-06-2		

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REPORT OF LABORATORY ANALYSIS

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NC Wastewater 40
 NC Drinking Water 37712
 SC Environmental 99030
 FI NFI DP FR764R

Charlotte Certification IDs

NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI DP FR7627





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: 926278474 Project Sample Number: 92106389-019 Date Collected: 10/28/05 12:45
 Client Sample ID: SB-34 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	28	%		11/10/05 22:40	BET	4165-60-0		
2-Fluorobiphenyl (S)	26	%		11/10/05 22:40	BET	321-60-8		
Terphenyl-d14 (S)	30	%		11/10/05 22:40	BET	1718-51-0		
Phenol-d5 (S)	29	%		11/10/05 22:40	BET	4165-62-2	2	
2-Fluorophenol (S)	27	%		11/10/05 22:40	BET	367-12-4		
2,4,6-Tribromophenol (S)	36	%		11/10/05 22:40	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	11/03/05 01:44	DLK	67-64-1
Benzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	75-27-4
Bromoform	ND	ug/kg	5.0	11/03/05 01:44	DLK	75-25-2
Bromomethane	ND	ug/kg	10.	11/03/05 01:44	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	100	11/03/05 01:44	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.0	11/03/05 01:44	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	108-90-7
Chloroethane	ND	ug/kg	10.	11/03/05 01:44	DLK	75-00-3
Chloroform	ND	ug/kg	5.0	11/03/05 01:44	DLK	67-66-3
Chloromethane	ND	ug/kg	10.	11/03/05 01:44	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.0	11/03/05 01:44	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.0	11/03/05 01:44	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	11/03/05 01:44	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	11/03/05 01:44	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	10.	11/03/05 01:44	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.0	11/03/05 01:44	DLK	75-35-4

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



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: 926278474 Project Sample Number: 92106389-019 Date Collected: 10/28/05 12:45
 Client Sample ID: SB-34 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	11/03/05 01:44	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.0	11/03/05 01:44	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.0	11/03/05 01:44	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.0	11/03/05 01:44	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.0	11/03/05 01:44	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.0	11/03/05 01:44	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.0	11/03/05 01:44	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.0	11/03/05 01:44	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.0	11/03/05 01:44	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	11/03/05 01:44	DLK	87-68-3		
2-Hexanone	ND	ug/kg	50.	11/03/05 01:44	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	11/03/05 01:44	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.0	11/03/05 01:44	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.0	11/03/05 01:44	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	50.	11/03/05 01:44	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.0	11/03/05 01:44	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.0	11/03/05 01:44	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	103-65-1		
Styrene	ND	ug/kg	5.0	11/03/05 01:44	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.0	11/03/05 01:44	DLK	127-18-4		
Toluene	ND	ug/kg	5.0	11/03/05 01:44	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.0	11/03/05 01:44	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.0	11/03/05 01:44	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.0	11/03/05 01:44	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	11/03/05 01:44	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	50.	11/03/05 01:44	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	11/03/05 01:44	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.0	11/03/05 01:44	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	10.	11/03/05 01:44	DLK			
o-Xylene	ND	ug/kg	5.0	11/03/05 01:44	DLK	95-47-6		
Toluene-d8 (S)	102	%		11/03/05 01:44	DLK	2037-26-5		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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 FI NFI AP F87648



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: 926278474 Project Sample Number: 92106389-019 Date Collected: 10/28/05 12:45
 Client Sample ID: SB-34 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	%		11/03/05 01:44	DLK	460-00-4		
Dibromofluoromethane (S)	117	%		11/03/05 01:44	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	110	%		11/03/05 01:44	DLK	17060-07-0		

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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: 926278524 Project Sample Number: 92106389-024 Date Collected: 10/28/05 14:25
 Client Sample ID: SB-35 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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Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	21.1	%		10/31/05 09:20	TNS			

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level	Method: EPA 8260							
Acetone	ND	ug/kg	110	11/03/05 12:27	DLK	67-64-1		
Benzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	75-27-4		
Bromoform	ND	ug/kg	5.6	11/03/05 12:27	DLK	75-25-2		
Bromomethane	ND	ug/kg	11.	11/03/05 12:27	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	110	11/03/05 12:27	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.6	11/03/05 12:27	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	108-90-7		
Chloroethane	ND	ug/kg	11.	11/03/05 12:27	DLK	75-00-3		
Chloroform	ND	ug/kg	5.6	11/03/05 12:27	DLK	67-66-3		
Chloromethane	ND	ug/kg	11.	11/03/05 12:27	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	5.6	11/03/05 12:27	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.6	11/03/05 12:27	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	11/03/05 12:27	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	11/03/05 12:27	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	11.	11/03/05 12:27	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.6	11/03/05 12:27	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	5.6	11/03/05 12:27	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.6	11/03/05 12:27	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.6	11/03/05 12:27	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.6	11/03/05 12:27	DLK	142-28-9		

Date: 11/14/05

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Charlotte Certification IDs
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 SC 99006
 FI NFI AP F87627

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

Lab Sample No: 926278524 Project Sample Number: 92106389-024 Date Collected: 10/28/05 14:25
Client Sample ID: SB-35 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,2-Dichloropropane	ND	ug/kg	5.6	11/03/05 12:27	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.6	11/03/05 12:27	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.6	11/03/05 12:27	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.6	11/03/05 12:27	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.6	11/03/05 12:27	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	11/03/05 12:27	DLK	87-68-3		
2-Hexanone	ND	ug/kg	56.	11/03/05 12:27	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	11/03/05 12:27	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.6	11/03/05 12:27	DLK	99-87-6		
Methylene chloride	20.	ug/kg	5.6	11/03/05 12:27	DLK	75-09-2	3	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.	11/03/05 12:27	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.6	11/03/05 12:27	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.6	11/03/05 12:27	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	103-65-1		
Styrene	ND	ug/kg	5.6	11/03/05 12:27	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.6	11/03/05 12:27	DLK	127-18-4		
Toluene	ND	ug/kg	5.6	11/03/05 12:27	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.6	11/03/05 12:27	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.6	11/03/05 12:27	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.6	11/03/05 12:27	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	11/03/05 12:27	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	56.	11/03/05 12:27	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	11/03/05 12:27	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.6	11/03/05 12:27	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	11.	11/03/05 12:27	DLK			
o-Xylene	ND	ug/kg	5.6	11/03/05 12:27	DLK	95-47-6		
Toluene-d8 (S)	92	%		11/03/05 12:27	DLK	2037-26-5		
4-Bromofluorobenzene (S)	74	%		11/03/05 12:27	DLK	460-00-4	4	
Dibromofluoromethane (S)	103	%		11/03/05 12:27	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	90	%		11/03/05 12:27	DLK	17060-07-0		

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

Lab Sample No: 926278433 Project Sample Number: 92106389-015 Date Collected: 10/28/05 10:15
 Client Sample ID: SB-36 8FT 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	17.	mg/kg	0.25	11/09/05 04:10	ALV	7440-47-3		
Lead	24.	mg/kg	0.62	11/09/05 04:10	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	23.0	%		10/31/05 09:02	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	430	11/10/05 16:47	BET	83-32-9		
Acenaphthylene	ND	ug/kg	430	11/10/05 16:47	BET	208-96-8		
Anthracene	ND	ug/kg	430	11/10/05 16:47	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	430	11/10/05 16:47	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	430	11/10/05 16:47	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	430	11/10/05 16:47	BET	56-55-3		
Benzoic acid	ND	ug/kg	2100	11/10/05 16:47	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	430	11/10/05 16:47	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	860	11/10/05 16:47	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	430	11/10/05 16:47	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	430	11/10/05 16:47	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	430	11/10/05 16:47	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	860	11/10/05 16:47	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	860	11/10/05 16:47	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	430	11/10/05 16:47	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	430	11/10/05 16:47	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	430	11/10/05 16:47	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	430	11/10/05 16:47	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	430	11/10/05 16:47	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	430	11/10/05 16:47	BET	7005-72-3		
Chrysene	ND	ug/kg	430	11/10/05 16:47	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	430	11/10/05 16:47	BET	53-70-3		
Dibenzofuran	ND	ug/kg	430	11/10/05 16:47	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	430	11/10/05 16:47	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	430	11/10/05 16:47	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	430	11/10/05 16:47	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	860	11/10/05 16:47	BET	91-94-1		

Date: 11/14/05

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 SC 99006
 FI NFI ΔP FR76ΔR





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: 926278433 Project Sample Number: 92106389-015 Date Collected: 10/28/05 10:15
 Client Sample ID: SB-36 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	430	11/10/05 16:47	BET	120-83-2		
Diethylphthalate	ND	ug/kg	430	11/10/05 16:47	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	430	11/10/05 16:47	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	430	11/10/05 16:47	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	430	11/10/05 16:47	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	430	11/10/05 16:47	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2100	11/10/05 16:47	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	430	11/10/05 16:47	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	430	11/10/05 16:47	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	430	11/10/05 16:47	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	430	11/10/05 16:47	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	430	11/10/05 16:47	BET	117-81-7		
Fluoranthene	ND	ug/kg	430	11/10/05 16:47	BET	206-44-0		
Fluorene	ND	ug/kg	430	11/10/05 16:47	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	430	11/10/05 16:47	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	430	11/10/05 16:47	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	430	11/10/05 16:47	BET	77-47-4		
Hexachloroethane	ND	ug/kg	430	11/10/05 16:47	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	430	11/10/05 16:47	BET	193-39-5		
Isophorone	ND	ug/kg	430	11/10/05 16:47	BET	78-59-1		
2-Methylnaphthalene	1300	ug/kg	430	11/10/05 16:47	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	430	11/10/05 16:47	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	430	11/10/05 16:47	BET			
Naphthalene	740	ug/kg	430	11/10/05 16:47	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2100	11/10/05 16:47	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2100	11/10/05 16:47	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2100	11/10/05 16:47	BET	100-01-6		
Nitrobenzene	ND	ug/kg	430	11/10/05 16:47	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	430	11/10/05 16:47	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2100	11/10/05 16:47	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	430	11/10/05 16:47	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	430	11/10/05 16:47	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2100	11/10/05 16:47	BET	87-86-5		
Phenanthrene	480	ug/kg	430	11/10/05 16:47	BET	85-01-8		
Phenol	ND	ug/kg	430	11/10/05 16:47	BET	108-95-2		
Pyrene	ND	ug/kg	430	11/10/05 16:47	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	430	11/10/05 16:47	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	430	11/10/05 16:47	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	430	11/10/05 16:47	BET	88-06-2		

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

Lab Sample No: 926278433 Project Sample Number: 92106389-015 Date Collected: 10/28/05 10:15
 Client Sample ID: SB-36 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	76	%		11/10/05 16:47	BET	4165-60-0		
2-Fluorobiphenyl (S)	62	%		11/10/05 16:47	BET	321-60-8		
Terphenyl-d14 (S)	67	%		11/10/05 16:47	BET	1718-51-0		
Phenol-d5 (S)	69	%		11/10/05 16:47	BET	4165-62-2		
2-Fluorophenol (S)	64	%		11/10/05 16:47	BET	367-12-4		
2,4,6-Tribromophenol (S)	75	%		11/10/05 16:47	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	120	11/03/05 19:48	DLK	67-64-1		
Benzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	71-43-2		
Bromobenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	75-27-4		
Bromoform	ND	ug/kg	6.0	11/03/05 19:48	DLK	75-25-2		
Bromomethane	ND	ug/kg	12.	11/03/05 19:48	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	120	11/03/05 19:48	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	6.0	11/03/05 19:48	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	108-90-7		
Chloroethane	ND	ug/kg	12.	11/03/05 19:48	DLK	75-00-3		
Chloroform	ND	ug/kg	6.0	11/03/05 19:48	DLK	67-66-3		
Chloromethane	ND	ug/kg	12.	11/03/05 19:48	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	6.0	11/03/05 19:48	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	6.0	11/03/05 19:48	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	11/03/05 19:48	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	11/03/05 19:48	DLK	106-93-4		
Dibromomethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	12.	11/03/05 19:48	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	6.0	11/03/05 19:48	DLK	75-35-4		

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 NC Drinking Water 37706
 SC 99006
 FI NFI AP FR7627



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

Lab Sample No: 926278433 Project Sample Number: 92106389-015 Date Collected: 10/28/05 10:15
 Client Sample ID: SB-36 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	6.0	11/03/05 19:48	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	6.0	11/03/05 19:48	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	6.0	11/03/05 19:48	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	6.0	11/03/05 19:48	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	6.0	11/03/05 19:48	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	6.0	11/03/05 19:48	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	6.0	11/03/05 19:48	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	6.0	11/03/05 19:48	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	6.0	11/03/05 19:48	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	11/03/05 19:48	DLK	87-68-3		
2-Hexanone	ND	ug/kg	60.	11/03/05 19:48	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	11/03/05 19:48	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	6.0	11/03/05 19:48	DLK	99-87-6		
Methylene chloride	ND	ug/kg	6.0	11/03/05 19:48	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.	11/03/05 19:48	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	6.0	11/03/05 19:48	DLK	1634-04-4		
Naphthalene	ND	ug/kg	6.0	11/03/05 19:48	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	103-65-1		
Styrene	ND	ug/kg	6.0	11/03/05 19:48	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	6.0	11/03/05 19:48	DLK	127-18-4		
Toluene	ND	ug/kg	6.0	11/03/05 19:48	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	79-00-5		
Trichloroethene	ND	ug/kg	6.0	11/03/05 19:48	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	6.0	11/03/05 19:48	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	6.0	11/03/05 19:48	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	11/03/05 19:48	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	60.	11/03/05 19:48	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	12.	11/03/05 19:48	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	6.0	11/03/05 19:48	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	12.	11/03/05 19:48	DLK			
o-Xylene	ND	ug/kg	6.0	11/03/05 19:48	DLK	95-47-6		
Toluene-d8 (S)	91	%		11/03/05 19:48	DLK	2037-26-5		

Date: 11/14/05

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

Lab Sample No: 926278433 Project Sample Number: 92106389-015 Date Collected: 10/28/05 10:15
 Client Sample ID: SB-36 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	76	%		11/03/05 19:48	DLK	460-00-4		
Dibromofluoromethane (S)	100	%		11/03/05 19:48	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	89	%		11/03/05 19:48	DLK	17060-07-0		

Date: 11/14/05

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

Lab Sample No: 926278409 Project Sample Number: 92106389-012 Date Collected: 10/28/05 09:35
 Client Sample ID: SB-37 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	22.	mg/kg	0.24	11/03/05 13:34	SAJ	7440-47-3		
Lead	9.1	mg/kg	0.60	11/03/05 13:34	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	17.2	%		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	400	11/11/05 05:48	BET	83-32-9		
Acenaphthylene	ND	ug/kg	400	11/11/05 05:48	BET	208-96-8		
Anthracene	ND	ug/kg	400	11/11/05 05:48	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	400	11/11/05 05:48	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	400	11/11/05 05:48	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	400	11/11/05 05:48	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	11/11/05 05:48	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	400	11/11/05 05:48	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	800	11/11/05 05:48	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	400	11/11/05 05:48	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	400	11/11/05 05:48	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	400	11/11/05 05:48	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	800	11/11/05 05:48	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	800	11/11/05 05:48	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	400	11/11/05 05:48	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	400	11/11/05 05:48	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	400	11/11/05 05:48	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	400	11/11/05 05:48	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	400	11/11/05 05:48	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	400	11/11/05 05:48	BET	7005-72-3		
Chrysene	ND	ug/kg	400	11/11/05 05:48	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	400	11/11/05 05:48	BET	53-70-3		
Dibenzofuran	ND	ug/kg	400	11/11/05 05:48	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	400	11/11/05 05:48	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	400	11/11/05 05:48	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	400	11/11/05 05:48	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	800	11/11/05 05:48	BET	91-94-1		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI ΔP FR762R

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

Lab Sample No: 926278409 Project Sample Number: 92106389-012 Date Collected: 10/28/05 09:35
Client Sample ID: SB-37 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	400	11/11/05 05:48	BET	120-83-2		
Diethylphthalate	ND	ug/kg	400	11/11/05 05:48	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	400	11/11/05 05:48	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	400	11/11/05 05:48	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	400	11/11/05 05:48	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	400	11/11/05 05:48	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2000	11/11/05 05:48	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	400	11/11/05 05:48	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	400	11/11/05 05:48	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	400	11/11/05 05:48	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	400	11/11/05 05:48	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	11/11/05 05:48	BET	117-81-7		
Fluoranthene	ND	ug/kg	400	11/11/05 05:48	BET	206-44-0		
Fluorene	ND	ug/kg	400	11/11/05 05:48	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	400	11/11/05 05:48	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	400	11/11/05 05:48	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	400	11/11/05 05:48	BET	77-47-4		
Hexachloroethane	ND	ug/kg	400	11/11/05 05:48	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	11/11/05 05:48	BET	193-39-5		
Isophorone	ND	ug/kg	400	11/11/05 05:48	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	400	11/11/05 05:48	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	400	11/11/05 05:48	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	400	11/11/05 05:48	BET			
Naphthalene	ND	ug/kg	400	11/11/05 05:48	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	11/11/05 05:48	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	11/11/05 05:48	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	11/11/05 05:48	BET	100-01-6		
Nitrobenzene	ND	ug/kg	400	11/11/05 05:48	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	400	11/11/05 05:48	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	11/11/05 05:48	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	400	11/11/05 05:48	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	400	11/11/05 05:48	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	11/11/05 05:48	BET	87-86-5		
Phenanthrene	ND	ug/kg	400	11/11/05 05:48	BET	85-01-8		
Phenol	ND	ug/kg	400	11/11/05 05:48	BET	108-95-2		
Pyrene	ND	ug/kg	400	11/11/05 05:48	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	400	11/11/05 05:48	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	400	11/11/05 05:48	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	400	11/11/05 05:48	BET	88-06-2		

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Charlotte Certification IDs

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NC Drinking Water 37706
SC 99006
FI NFI DP F87627





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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: 926278409 Project Sample Number: 92106389-012 Date Collected: 10/28/05 09:35
 Client Sample ID: SB-37 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	39	%		11/11/05 05:48	BET	4165-60-0		
2-Fluorobiphenyl (S)	36	%		11/11/05 05:48	BET	321-60-8		
Terphenyl-d14 (S)	55	%		11/11/05 05:48	BET	1718-51-0		
Phenol-d5 (S)	37	%		11/11/05 05:48	BET	4165-62-2	2	
2-Fluorophenol (S)	37	%		11/11/05 05:48	BET	367-12-4		
2,4,6-Tribromophenol (S)	21	%		11/11/05 05:48	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	By	CAS No.
Acetone	ND	ug/kg	94.	11/02/05	23:28	DLK	67-64-1
Benzene	ND	ug/kg	4.7	11/02/05	23:28	DLK	71-43-2
Bromobenzene	ND	ug/kg	4.7	11/02/05	23:28	DLK	108-86-1
Bromochloromethane	ND	ug/kg	4.7	11/02/05	23:28	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	4.7	11/02/05	23:28	DLK	75-27-4
Bromoform	ND	ug/kg	4.7	11/02/05	23:28	DLK	75-25-2
Bromomethane	ND	ug/kg	9.4	11/02/05	23:28	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	94.	11/02/05	23:28	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	4.7	11/02/05	23:28	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	4.7	11/02/05	23:28	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	4.7	11/02/05	23:28	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	4.7	11/02/05	23:28	DLK	56-23-5
Chlorobenzene	ND	ug/kg	4.7	11/02/05	23:28	DLK	108-90-7
Chloroethane	ND	ug/kg	9.4	11/02/05	23:28	DLK	75-00-3
Chloroform	ND	ug/kg	4.7	11/02/05	23:28	DLK	67-66-3
Chloromethane	ND	ug/kg	9.4	11/02/05	23:28	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	4.7	11/02/05	23:28	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	4.7	11/02/05	23:28	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	11/02/05	23:28	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	4.7	11/02/05	23:28	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	11/02/05	23:28	DLK	106-93-4
Dibromomethane	ND	ug/kg	4.7	11/02/05	23:28	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	4.7	11/02/05	23:28	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	4.7	11/02/05	23:28	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	4.7	11/02/05	23:28	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	9.4	11/02/05	23:28	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	4.7	11/02/05	23:28	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	4.7	11/02/05	23:28	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	4.7	11/02/05	23:28	DLK	75-35-4

Date: 11/14/05

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Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 EI NCI AD E97607

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

Lab Sample No: 926278409 Project Sample Number: 92106389-012 Date Collected: 10/28/05 09:35
Client Sample ID: SB-37 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	4.7	11/02/05 23:28	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.7	11/02/05 23:28	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.7	11/02/05 23:28	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.7	11/02/05 23:28	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.7	11/02/05 23:28	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.7	11/02/05 23:28	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.7	11/02/05 23:28	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.7	11/02/05 23:28	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.7	11/02/05 23:28	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.7	11/02/05 23:28	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	11/02/05 23:28	DLK	87-68-3		
2-Hexanone	ND	ug/kg	47.	11/02/05 23:28	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	11/02/05 23:28	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.7	11/02/05 23:28	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.7	11/02/05 23:28	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.	11/02/05 23:28	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.7	11/02/05 23:28	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.7	11/02/05 23:28	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.7	11/02/05 23:28	DLK	103-65-1		
Styrene	ND	ug/kg	4.7	11/02/05 23:28	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	11/02/05 23:28	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	11/02/05 23:28	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.7	11/02/05 23:28	DLK	127-18-4		
Toluene	ND	ug/kg	4.7	11/02/05 23:28	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	11/02/05 23:28	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	11/02/05 23:28	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.7	11/02/05 23:28	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.7	11/02/05 23:28	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.7	11/02/05 23:28	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.7	11/02/05 23:28	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.7	11/02/05 23:28	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	11/02/05 23:28	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	11/02/05 23:28	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	47.	11/02/05 23:28	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.4	11/02/05 23:28	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.7	11/02/05 23:28	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.4	11/02/05 23:28	DLK			
o-Xylene	ND	ug/kg	4.7	11/02/05 23:28	DLK	95-47-6		
Toluene-d8 (S)	101	%		11/02/05 23:28	DLK	2037-26-5		

Date: 11/14/05

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FI NFI AP ER7697



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

Lab Sample No: 926278409 Project Sample Number: 92106389-012 Date Collected: 10/28/05 09:35
 Client Sample ID: SB-37 12FT 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 23:28	DLK	460-00-4		
Dibromofluoromethane (S)	104	%		11/02/05 23:28	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	97	%		11/02/05 23:28	DLK	17060-07-0		

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

Lab Sample No: 926278417 Project Sample Number: 92106389-013 Date Collected: 10/28/05 09:50
 Client Sample ID: SB-38 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	25.	mg/kg	0.24	11/09/05 04:02	ALV	7440-47-3		
Lead	20.	mg/kg	0.61	11/09/05 04:02	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture								
Percent Moisture	25.6	%		10/31/05 09:02					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	440	11/11/05 06:24	BET	83-32-9		
Acenaphthylene	ND	ug/kg	440	11/11/05 06:24	BET	208-96-8		
Anthracene	ND	ug/kg	440	11/11/05 06:24	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	440	11/11/05 06:24	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	440	11/11/05 06:24	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	440	11/11/05 06:24	BET	56-55-3		
Benzoic acid	ND	ug/kg	2200	11/11/05 06:24	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	440	11/11/05 06:24	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	890	11/11/05 06:24	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	440	11/11/05 06:24	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	440	11/11/05 06:24	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	440	11/11/05 06:24	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	890	11/11/05 06:24	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	890	11/11/05 06:24	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	440	11/11/05 06:24	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	440	11/11/05 06:24	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	440	11/11/05 06:24	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	440	11/11/05 06:24	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	440	11/11/05 06:24	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	440	11/11/05 06:24	BET	7005-72-3		
Chrysene	ND	ug/kg	440	11/11/05 06:24	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	440	11/11/05 06:24	BET	53-70-3		
Dibenzofuran	ND	ug/kg	440	11/11/05 06:24	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	440	11/11/05 06:24	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	440	11/11/05 06:24	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	440	11/11/05 06:24	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	890	11/11/05 06:24	BET	91-94-1		

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

Lab Sample No: 926278417 Project Sample Number: 92106389-013 Date Collected: 10/28/05 09:50
 Client Sample ID: SB-38 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	440	11/11/05 06:24	BET	120-83-2		
Diethylphthalate	ND	ug/kg	440	11/11/05 06:24	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	440	11/11/05 06:24	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	440	11/11/05 06:24	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	440	11/11/05 06:24	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	440	11/11/05 06:24	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2200	11/11/05 06:24	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	440	11/11/05 06:24	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	440	11/11/05 06:24	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	440	11/11/05 06:24	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	440	11/11/05 06:24	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	440	11/11/05 06:24	BET	117-81-7		
Fluoranthene	ND	ug/kg	440	11/11/05 06:24	BET	206-44-0		
Fluorene	ND	ug/kg	440	11/11/05 06:24	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	440	11/11/05 06:24	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	440	11/11/05 06:24	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	440	11/11/05 06:24	BET	77-47-4		
Hexachloroethane	ND	ug/kg	440	11/11/05 06:24	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	440	11/11/05 06:24	BET	193-39-5		
Isophorone	ND	ug/kg	440	11/11/05 06:24	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	440	11/11/05 06:24	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	440	11/11/05 06:24	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	440	11/11/05 06:24	BET			
Naphthalene	ND	ug/kg	440	11/11/05 06:24	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2200	11/11/05 06:24	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2200	11/11/05 06:24	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2200	11/11/05 06:24	BET	100-01-6		
Nitrobenzene	ND	ug/kg	440	11/11/05 06:24	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	440	11/11/05 06:24	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2200	11/11/05 06:24	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	440	11/11/05 06:24	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	440	11/11/05 06:24	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2200	11/11/05 06:24	BET	87-86-5		
Phenanthrene	ND	ug/kg	440	11/11/05 06:24	BET	85-01-8		
Phenol	ND	ug/kg	440	11/11/05 06:24	BET	108-95-2		
Pyrene	ND	ug/kg	440	11/11/05 06:24	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	440	11/11/05 06:24	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	440	11/11/05 06:24	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	440	11/11/05 06:24	BET	88-06-2		

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

Lab Sample No: 926278417 Project Sample Number: 92106389-013 Date Collected: 10/28/05 09:50
 Client Sample ID: SB-38 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	35	%		11/11/05 06:24	BET	4165-60-0		
2-Fluorobiphenyl (S)	38	%		11/11/05 06:24	BET	321-60-8		
Terphenyl-d14 (S)	56	%		11/11/05 06:24	BET	1718-51-0		
Phenol-d5 (S)	41	%		11/11/05 06:24	BET	4165-62-2		
2-Fluorophenol (S)	42	%		11/11/05 06:24	BET	367-12-4		
2,4,6-Tribromophenol (S)	29	%		11/11/05 06:24	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	120	11/02/05 23:47	DLK	67-64-1		
Benzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	75-27-4		
Bromoform	ND	ug/kg	5.9	11/02/05 23:47	DLK	75-25-2		
Bromomethane	ND	ug/kg	12.	11/02/05 23:47	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	120	11/02/05 23:47	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.9	11/02/05 23:47	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	108-90-7		
Chloroethane	ND	ug/kg	12.	11/02/05 23:47	DLK	75-00-3		
Chloroform	ND	ug/kg	5.9	11/02/05 23:47	DLK	67-66-3		
Chloromethane	ND	ug/kg	12.	11/02/05 23:47	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	5.9	11/02/05 23:47	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.9	11/02/05 23:47	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	11/02/05 23:47	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.9	11/02/05 23:47	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	12.	11/02/05 23:47	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.9	11/02/05 23:47	DLK	75-35-4		

Date: 11/14/05

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

Lab Sample No: 926278417 Project Sample Number: 92106389-013 Date Collected: 10/28/05 09:50
Client Sample ID: SB-38 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	5.9	11/02/05 23:47	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.9	11/02/05 23:47	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.9	11/02/05 23:47	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.9	11/02/05 23:47	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.9	11/02/05 23:47	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.9	11/02/05 23:47	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.9	11/02/05 23:47	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.9	11/02/05 23:47	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.9	11/02/05 23:47	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.9	11/02/05 23:47	DLK	87-68-3		
2-Hexanone	ND	ug/kg	59.	11/02/05 23:47	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	11/02/05 23:47	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.9	11/02/05 23:47	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.9	11/02/05 23:47	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	59.	11/02/05 23:47	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.9	11/02/05 23:47	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.9	11/02/05 23:47	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	103-65-1		
Styrene	ND	ug/kg	5.9	11/02/05 23:47	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.9	11/02/05 23:47	DLK	127-18-4		
Toluene	ND	ug/kg	5.9	11/02/05 23:47	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.9	11/02/05 23:47	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.9	11/02/05 23:47	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.9	11/02/05 23:47	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.9	11/02/05 23:47	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	59.	11/02/05 23:47	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	12.	11/02/05 23:47	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.9	11/02/05 23:47	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	12.	11/02/05 23:47	DLK			
o-Xylene	ND	ug/kg	5.9	11/02/05 23:47	DLK	95-47-6		
Toluene-d8 (S)	102	μ		11/02/05 23:47	DLK	2037-26-5		

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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: 926278417 Project Sample Number: 92106389-013 Date Collected: 10/28/05 09:50
 Client Sample ID: SB-38 12FT 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 23:47	DLK	460-00-4		
Dibromofluoromethane (S)	111	%		11/02/05 23:47	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	99	%		11/02/05 23:47	DLK	17060-07-0		

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

Lab Sample No: 926278425 Project Sample Number: 92106389-014 Date Collected: 10/28/05 09:55
Client Sample ID: SB-39 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	13.	mg/kg	0.22	11/09/05 04:06	ALV	7440-47-3		
Lead	110	mg/kg	0.55	11/09/05 04:06	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	17.1	%		10/31/05 09:02	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	400	11/10/05 16:11	BET	83-32-9		
Acenaphthylene	ND	ug/kg	400	11/10/05 16:11	BET	208-96-8		
Anthracene	ND	ug/kg	400	11/10/05 16:11	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	400	11/10/05 16:11	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	400	11/10/05 16:11	BET	205-99-2		
Benzo(a)anthracene	420	ug/kg	400	11/10/05 16:11	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	11/10/05 16:11	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	400	11/10/05 16:11	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	800	11/10/05 16:11	BET	100-51-6		
Benzo(a)pyrene	520	ug/kg	400	11/10/05 16:11	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	400	11/10/05 16:11	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	400	11/10/05 16:11	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	800	11/10/05 16:11	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	800	11/10/05 16:11	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	400	11/10/05 16:11	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	400	11/10/05 16:11	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	400	11/10/05 16:11	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	400	11/10/05 16:11	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	400	11/10/05 16:11	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	400	11/10/05 16:11	BET	7005-72-3		
Chrysene	500	ug/kg	400	11/10/05 16:11	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	400	11/10/05 16:11	BET	53-70-3		
Dibenzofuran	ND	ug/kg	400	11/10/05 16:11	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	400	11/10/05 16:11	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	400	11/10/05 16:11	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	400	11/10/05 16:11	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	800	11/10/05 16:11	BET	91-94-1		

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

Lab Sample No: 926278425 Project Sample Number: 92106389-014 Date Collected: 10/28/05 09:55
 Client Sample ID: SB-39 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	400	11/10/05 16:11	BET	120-83-2		
Diethylphthalate	ND	ug/kg	400	11/10/05 16:11	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	400	11/10/05 16:11	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	400	11/10/05 16:11	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	400	11/10/05 16:11	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	400	11/10/05 16:11	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2000	11/10/05 16:11	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	400	11/10/05 16:11	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	400	11/10/05 16:11	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	400	11/10/05 16:11	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	400	11/10/05 16:11	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	11/10/05 16:11	BET	117-81-7		
Fluoranthene	700	ug/kg	400	11/10/05 16:11	BET	206-44-0		
Fluorene	ND	ug/kg	400	11/10/05 16:11	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	400	11/10/05 16:11	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	400	11/10/05 16:11	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	400	11/10/05 16:11	BET	77-47-4		
Hexachloroethane	ND	ug/kg	400	11/10/05 16:11	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	11/10/05 16:11	BET	193-39-5		
Isophorone	ND	ug/kg	400	11/10/05 16:11	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	400	11/10/05 16:11	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	400	11/10/05 16:11	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	400	11/10/05 16:11	BET			
Naphthalene	ND	ug/kg	400	11/10/05 16:11	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	11/10/05 16:11	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	11/10/05 16:11	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	11/10/05 16:11	BET	100-01-6		
Nitrobenzene	ND	ug/kg	400	11/10/05 16:11	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	400	11/10/05 16:11	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	11/10/05 16:11	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	400	11/10/05 16:11	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	400	11/10/05 16:11	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	11/10/05 16:11	BET	87-86-5		
Phenanthrene	ND	ug/kg	400	11/10/05 16:11	BET	85-01-8		
Phenol	ND	ug/kg	400	11/10/05 16:11	BET	108-95-2		
Pyrene	760	ug/kg	400	11/10/05 16:11	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	400	11/10/05 16:11	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	400	11/10/05 16:11	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	400	11/10/05 16:11	BET	88-06-2		

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

Lab Sample No: 926278425 Project Sample Number: 92106389-014 Date Collected: 10/28/05 09:55
 Client Sample ID: SB-39 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 16:11	BET	4165-60-0		
2-Fluorobiphenyl (S)	34	%		11/10/05 16:11	BET	321-60-8		
Terphenyl-d14 (S)	55	%		11/10/05 16:11	BET	1718-51-0		
Phenol-d5 (S)	41	%		11/10/05 16:11	BET	4165-62-2		
2-Fluorophenol (S)	27	%		11/10/05 16:11	BET	367-12-4		
2,4,6-Tribromophenol (S)	38	%		11/10/05 16:11	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	11/03/05 19:29	DLK	67-64-1
Benzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	75-27-4
Bromoform	ND	ug/kg	5.6	11/03/05 19:29	DLK	75-25-2
Bromomethane	ND	ug/kg	11.	11/03/05 19:29	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	110	11/03/05 19:29	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.6	11/03/05 19:29	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	108-90-7
Chloroethane	ND	ug/kg	11.	11/03/05 19:29	DLK	75-00-3
Chloroform	ND	ug/kg	5.6	11/03/05 19:29	DLK	67-66-3
Chloromethane	ND	ug/kg	11.	11/03/05 19:29	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.6	11/03/05 19:29	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.6	11/03/05 19:29	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	11/03/05 19:29	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	11/03/05 19:29	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	11.	11/03/05 19:29	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.6	11/03/05 19:29	DLK	75-35-4

Date: 11/14/05

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 SC Environmental 99030
 FI NFI AP F87648



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

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

Lab Sample No: 926278425 Project Sample Number: 92106389-014 Date Collected: 10/28/05 09:55
Client Sample ID: SB-39 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	11/03/05 19:29	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.6	11/03/05 19:29	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.6	11/03/05 19:29	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.6	11/03/05 19:29	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.6	11/03/05 19:29	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.6	11/03/05 19:29	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.6	11/03/05 19:29	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.6	11/03/05 19:29	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.6	11/03/05 19:29	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	11/03/05 19:29	DLK	87-68-3		
2-Hexanone	ND	ug/kg	56.	11/03/05 19:29	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	11/03/05 19:29	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.6	11/03/05 19:29	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.6	11/03/05 19:29	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.	11/03/05 19:29	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.6	11/03/05 19:29	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.6	11/03/05 19:29	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	103-65-1		
Styrene	ND	ug/kg	5.6	11/03/05 19:29	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.6	11/03/05 19:29	DLK	127-18-4		
Toluene	ND	ug/kg	5.6	11/03/05 19:29	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.6	11/03/05 19:29	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.6	11/03/05 19:29	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.6	11/03/05 19:29	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	11/03/05 19:29	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	56.	11/03/05 19:29	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	11/03/05 19:29	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.6	11/03/05 19:29	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	11.	11/03/05 19:29	DLK			
o-Xylene	ND	ug/kg	5.6	11/03/05 19:29	DLK	95-47-6		
Toluene-d8 (S)	92	‰		11/03/05 19:29	DLK	2037-26-5		

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 E87622





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: 926278425 Project Sample Number: 92106389-014 Date Collected: 10/28/05 09:55
 Client Sample ID: SB-39 15FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	76	%		11/03/05 19:29	DLK	460-00-4		
Dibromofluoromethane (S)	114	%		11/03/05 19:29	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	105	%		11/03/05 19:29	DLK	17060-07-0		

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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 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: 926278482 Project Sample Number: 92106389-020 Date Collected: 10/28/05 13:00
 Client Sample ID: SB-40 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	0.25	11/09/05 04:29	ALV	7440-47-3		
Lead	9.5	mg/kg	0.63	11/09/05 04:29	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	26.3	%		10/31/05 09:04	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	450	11/10/05 10:04	BET	83-32-9		
Acenaphthylene	ND	ug/kg	450	11/10/05 10:04	BET	208-96-8		
Anthracene	ND	ug/kg	450	11/10/05 10:04	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	450	11/10/05 10:04	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	450	11/10/05 10:04	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	450	11/10/05 10:04	BET	56-55-3		
Benzoic acid	ND	ug/kg	2200	11/10/05 10:04	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	450	11/10/05 10:04	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	900	11/10/05 10:04	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	450	11/10/05 10:04	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	450	11/10/05 10:04	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	450	11/10/05 10:04	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	900	11/10/05 10:04	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	900	11/10/05 10:04	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	450	11/10/05 10:04	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	450	11/10/05 10:04	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	450	11/10/05 10:04	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	450	11/10/05 10:04	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	450	11/10/05 10:04	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	450	11/10/05 10:04	BET	7005-72-3		
Chrysene	ND	ug/kg	450	11/10/05 10:04	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	450	11/10/05 10:04	BET	53-70-3		
Dibenzofuran	ND	ug/kg	450	11/10/05 10:04	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	450	11/10/05 10:04	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	450	11/10/05 10:04	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	450	11/10/05 10:04	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	900	11/10/05 10:04	BET	91-94-1		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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 NC Drinking Water 37712
 SC Environmental 99030
 FI NFI DP FR764R



Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI DP FR7627

Lab Sample No: 926278482 Project Sample Number: 92106389-020 Date Collected: 10/28/05 13:00
Client Sample ID: SB-40 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dichloropheno1	ND	ug/kg	450	11/10/05 10:04	BET	120-83-2		
Diethylphthalate	ND	ug/kg	450	11/10/05 10:04	BET	84-66-2		
2,4-Dimethylpheno1	ND	ug/kg	450	11/10/05 10:04	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	450	11/10/05 10:04	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	450	11/10/05 10:04	BET	84-74-2		
4,6-Dinitro-2-methylpheno1	ND	ug/kg	450	11/10/05 10:04	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2200	11/10/05 10:04	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	450	11/10/05 10:04	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	450	11/10/05 10:04	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	450	11/10/05 10:04	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	450	11/10/05 10:04	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	450	11/10/05 10:04	BET	117-81-7		
Fluoranthene	ND	ug/kg	450	11/10/05 10:04	BET	206-44-0		
Fluorene	ND	ug/kg	450	11/10/05 10:04	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	450	11/10/05 10:04	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	450	11/10/05 10:04	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	450	11/10/05 10:04	BET	77-47-4		
Hexachloroethane	ND	ug/kg	450	11/10/05 10:04	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	450	11/10/05 10:04	BET	193-39-5		
Isophorone	ND	ug/kg	450	11/10/05 10:04	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	450	11/10/05 10:04	BET	91-57-6		
2-Methylpheno1 (o-Creso1)	ND	ug/kg	450	11/10/05 10:04	BET	95-48-7		
3&4-Methylpheno1	ND	ug/kg	450	11/10/05 10:04	BET			
Naphthalene	ND	ug/kg	450	11/10/05 10:04	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2200	11/10/05 10:04	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2200	11/10/05 10:04	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2200	11/10/05 10:04	BET	100-01-6		
Nitrobenzene	ND	ug/kg	450	11/10/05 10:04	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	450	11/10/05 10:04	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2200	11/10/05 10:04	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	450	11/10/05 10:04	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	450	11/10/05 10:04	BET	86-30-6		
Pentachloropheno1	ND	ug/kg	2200	11/10/05 10:04	BET	87-86-5		
Phenanthrene	ND	ug/kg	450	11/10/05 10:04	BET	85-01-8		
Pheno1	ND	ug/kg	450	11/10/05 10:04	BET	108-95-2		
Pyrene	ND	ug/kg	450	11/10/05 10:04	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	450	11/10/05 10:04	BET	120-82-1		
2,4,5-Trichloropheno1	ND	ug/kg	450	11/10/05 10:04	BET	95-95-4		
2,4,6-Trichloropheno1	ND	ug/kg	450	11/10/05 10:04	BET	88-06-2		

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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: 926278482 Project Sample Number: 92106389-020 Date Collected: 10/28/05 13:00
Client Sample ID: SB-40 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	16	%		11/10/05 10:04	BET	4165-60-0		
2-Fluorobiphenyl (S)	15	%		11/10/05 10:04	BET	321-60-8		
Terphenyl-d14 (S)	32	%		11/10/05 10:04	BET	1718-51-0		
Phenol-d5 (S)	14	%		11/10/05 10:04	BET	4165-62-2	2	
2-Fluorophenol (S)	14	%		11/10/05 10:04	BET	367-12-4		
2,4,6-Tribromophenol (S)	25	%		11/10/05 10:04	BET	118-79-6		
Date Extracted	11/07/05			11/07/05				

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	11/03/05 02:03	DLK	67-64-1
Benzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	75-27-4
Bromoform	ND	ug/kg	5.1	11/03/05 02:03	DLK	75-25-2
Bromomethane	ND	ug/kg	10.	11/03/05 02:03	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	100	11/03/05 02:03	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.1	11/03/05 02:03	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	108-90-7
Chloroethane	ND	ug/kg	10.	11/03/05 02:03	DLK	75-00-3
Chloroform	ND	ug/kg	5.1	11/03/05 02:03	DLK	67-66-3
Chloromethane	ND	ug/kg	10.	11/03/05 02:03	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.1	11/03/05 02:03	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.1	11/03/05 02:03	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	11/03/05 02:03	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	11/03/05 02:03	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	10.	11/03/05 02:03	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.1	11/03/05 02:03	DLK	75-35-4

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
FI NFI AP E8764R



Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FI NFI AP 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: 926278482 Project Sample Number: 92106389-020 Date Collected: 10/28/05 13:00
 Client Sample ID: SB-40 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	5.1	11/03/05 02:03	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.1	11/03/05 02:03	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.1	11/03/05 02:03	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.1	11/03/05 02:03	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.1	11/03/05 02:03	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.1	11/03/05 02:03	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.1	11/03/05 02:03	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.1	11/03/05 02:03	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.1	11/03/05 02:03	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	11/03/05 02:03	DLK	87-68-3		
2-Hexanone	ND	ug/kg	51.	11/03/05 02:03	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	11/03/05 02:03	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.1	11/03/05 02:03	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.1	11/03/05 02:03	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.	11/03/05 02:03	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.1	11/03/05 02:03	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.1	11/03/05 02:03	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	103-65-1		
Styrene	ND	ug/kg	5.1	11/03/05 02:03	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.1	11/03/05 02:03	DLK	127-18-4		
Toluene	ND	ug/kg	5.1	11/03/05 02:03	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.1	11/03/05 02:03	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.1	11/03/05 02:03	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.1	11/03/05 02:03	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	11/03/05 02:03	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	51.	11/03/05 02:03	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	11/03/05 02:03	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.1	11/03/05 02:03	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	10.	11/03/05 02:03	DLK			
o-Xylene	ND	ug/kg	5.1	11/03/05 02:03	DLK	95-47-6		
Toluene-d8 (S)	99	%		11/03/05 02:03	DLK	2037-26-5		

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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 Kincey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278482 Project Sample Number: 92106389-020 Date Collected: 10/28/05 13:00
 Client Sample ID: SB-40 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	89	%		11/03/05 02:03	DLK	460-00-4		
Dibromofluoromethane (S)	102	%		11/03/05 02:03	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	95	%		11/03/05 02:03	DLK	17060-07-0		

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Pace Analytical Services, Inc.
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 Huntersville, NC 28078
 Phone: 704.875.9092
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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278391 Project Sample Number: 92106389-011 Date Collected: 10/28/05 09:30
 Client Sample ID: SB-41 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	23.	mg/kg	0.24	11/03/05 13:30	SAJ	7440-47-3		
Lead	32.	mg/kg	0.61	11/03/05 13:30	SAJ	7439-92-1		
Date Digested	10/31/05 16:25			10/31/05 16:25				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	18.1	%		10/31/05 09:01	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	400	11/11/05 05:13	BET	83-32-9		
Acenaphthylene	ND	ug/kg	400	11/11/05 05:13	BET	208-96-8		
Anthracene	ND	ug/kg	400	11/11/05 05:13	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	400	11/11/05 05:13	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	400	11/11/05 05:13	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	400	11/11/05 05:13	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	11/11/05 05:13	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	400	11/11/05 05:13	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	810	11/11/05 05:13	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	400	11/11/05 05:13	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	400	11/11/05 05:13	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	400	11/11/05 05:13	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	810	11/11/05 05:13	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	810	11/11/05 05:13	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	400	11/11/05 05:13	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	400	11/11/05 05:13	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	400	11/11/05 05:13	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	400	11/11/05 05:13	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	400	11/11/05 05:13	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	400	11/11/05 05:13	BET	7005-72-3		
Chrysene	ND	ug/kg	400	11/11/05 05:13	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	400	11/11/05 05:13	BET	53-70-3		
Dibenzofuran	ND	ug/kg	400	11/11/05 05:13	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	400	11/11/05 05:13	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	400	11/11/05 05:13	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	400	11/11/05 05:13	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	810	11/11/05 05:13	BET	91-94-1		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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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





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: 926278391 Project Sample Number: 92106389-011 Date Collected: 10/28/05 09:30
 Client Sample ID: SB-41 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	400	11/11/05 05:13	BET	120-83-2		
Diethylphthalate	ND	ug/kg	400	11/11/05 05:13	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	400	11/11/05 05:13	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	400	11/11/05 05:13	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	400	11/11/05 05:13	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	400	11/11/05 05:13	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2000	11/11/05 05:13	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	400	11/11/05 05:13	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	400	11/11/05 05:13	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	400	11/11/05 05:13	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	400	11/11/05 05:13	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	11/11/05 05:13	BET	117-81-7		
Fluoranthene	ND	ug/kg	400	11/11/05 05:13	BET	206-44-0		
Fluorene	ND	ug/kg	400	11/11/05 05:13	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	400	11/11/05 05:13	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	400	11/11/05 05:13	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	400	11/11/05 05:13	BET	77-47-4		
Hexachloroethane	ND	ug/kg	400	11/11/05 05:13	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	11/11/05 05:13	BET	193-39-5		
Isophorone	ND	ug/kg	400	11/11/05 05:13	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	400	11/11/05 05:13	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	400	11/11/05 05:13	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	400	11/11/05 05:13	BET			
Naphthalene	ND	ug/kg	400	11/11/05 05:13	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	11/11/05 05:13	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	11/11/05 05:13	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	11/11/05 05:13	BET	100-01-6		
Nitrobenzene	ND	ug/kg	400	11/11/05 05:13	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	400	11/11/05 05:13	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	11/11/05 05:13	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	400	11/11/05 05:13	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	400	11/11/05 05:13	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	11/11/05 05:13	BET	87-86-5		
Phenanthrene	ND	ug/kg	400	11/11/05 05:13	BET	85-01-8		
Phenol	ND	ug/kg	400	11/11/05 05:13	BET	108-95-2		
Pyrene	ND	ug/kg	400	11/11/05 05:13	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	400	11/11/05 05:13	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	400	11/11/05 05:13	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	400	11/11/05 05:13	BET	88-06-2		

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
 EI NCI AD E87627

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

Lab Sample No: 926278391 Project Sample Number: 92106389-011 Date Collected: 10/28/05 09:30
Client Sample ID: SB-41 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	55	%		11/11/05 05:13	BET	4165-60-0		
2-Fluorobiphenyl (S)	45	%		11/11/05 05:13	BET	321-60-8		
Terphenyl-d14 (S)	51	%		11/11/05 05:13	BET	1718-51-0		
Phenol-d5 (S)	57	%		11/11/05 05:13	BET	4165-62-2		
2-Fluorophenol (S)	48	%		11/11/05 05:13	BET	367-12-4		
2,4,6-Tribromophenol (S)	60	%		11/11/05 05:13	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	110	11/03/05 03:21	DLK	67-64-1		
Benzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	75-27-4		
Bromoform	ND	ug/kg	5.4	11/03/05 03:21	DLK	75-25-2		
Bromomethane	ND	ug/kg	11.	11/03/05 03:21	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	110	11/03/05 03:21	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.4	11/03/05 03:21	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	108-90-7		
Chloroethane	ND	ug/kg	11.	11/03/05 03:21	DLK	75-00-3		
Chloroform	ND	ug/kg	5.4	11/03/05 03:21	DLK	67-66-3		
Chloromethane	ND	ug/kg	11.	11/03/05 03:21	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	5.4	11/03/05 03:21	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.4	11/03/05 03:21	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	11/03/05 03:21	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	11/03/05 03:21	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	11.	11/03/05 03:21	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.4	11/03/05 03:21	DLK	75-35-4		

Date: 11/14/05

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FI NFI AD ER76AR

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

Lab Sample No: 926278391 Project Sample Number: 92106389-011 Date Collected: 10/28/05 09:30
Client Sample ID: SB-41 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	5.4	11/03/05 03:21	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.4	11/03/05 03:21	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.4	11/03/05 03:21	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.4	11/03/05 03:21	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.4	11/03/05 03:21	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.4	11/03/05 03:21	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.4	11/03/05 03:21	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.4	11/03/05 03:21	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.4	11/03/05 03:21	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	11/03/05 03:21	DLK	87-68-3		
2-Hexanone	ND	ug/kg	54.	11/03/05 03:21	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	11/03/05 03:21	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.4	11/03/05 03:21	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.4	11/03/05 03:21	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	54.	11/03/05 03:21	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.4	11/03/05 03:21	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.4	11/03/05 03:21	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	103-65-1		
Styrene	ND	ug/kg	5.4	11/03/05 03:21	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.4	11/03/05 03:21	DLK	127-18-4		
Toluene	ND	ug/kg	5.4	11/03/05 03:21	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.4	11/03/05 03:21	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.4	11/03/05 03:21	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.4	11/03/05 03:21	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	11/03/05 03:21	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	54.	11/03/05 03:21	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	11/03/05 03:21	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.4	11/03/05 03:21	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	11.	11/03/05 03:21	DLK			
o-Xylene	ND	ug/kg	5.4	11/03/05 03:21	DLK	95-47-6		
Toluene-d8 (S)	99	%		11/03/05 03:21	DLK	2037-26-5		

Date: 11/14/05

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FL NELAP E87648



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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: 926278391 Project Sample Number: 92106389-011 Date Collected: 10/28/05 09:30
 Client Sample ID: SB-41 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	76	%		11/03/05 03:21	DLK	460-00-4		
Dibromofluoromethane (S)	104	%		11/03/05 03:21	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	98	%		11/03/05 03:21	DLK	17060-07-0		

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Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 EI NFI AP E87627

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

Lab Sample No: 926278458 Project Sample Number: 92106389-017 Date Collected: 10/28/05 11:50
Client Sample ID: SB-42 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	10.	mg/kg	0.22	11/09/05 04:18	ALV	7440-47-3		
Lead	26.	mg/kg	0.56	11/09/05 04:18	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	18.1	%		10/31/05 09:03 TNS				

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	400	11/10/05 21:27	BET	83-32-9		
Acenaphthylene	ND	ug/kg	400	11/10/05 21:27	BET	208-96-8		
Anthracene	ND	ug/kg	400	11/10/05 21:27	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	400	11/10/05 21:27	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	400	11/10/05 21:27	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	400	11/10/05 21:27	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	11/10/05 21:27	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	400	11/10/05 21:27	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	810	11/10/05 21:27	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	400	11/10/05 21:27	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	400	11/10/05 21:27	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	400	11/10/05 21:27	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	810	11/10/05 21:27	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	810	11/10/05 21:27	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	400	11/10/05 21:27	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	400	11/10/05 21:27	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	400	11/10/05 21:27	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	400	11/10/05 21:27	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	400	11/10/05 21:27	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	400	11/10/05 21:27	BET	7005-72-3		
Chrysene	ND	ug/kg	400	11/10/05 21:27	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	400	11/10/05 21:27	BET	53-70-3		
Dibenzofuran	ND	ug/kg	400	11/10/05 21:27	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	400	11/10/05 21:27	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	400	11/10/05 21:27	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	400	11/10/05 21:27	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	810	11/10/05 21:27	BET	91-94-1		

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NC Drinking Water 37706
SC 99006
FI NFI DP FR7627





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 9800 Kinsey 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: 926278458 Project Sample Number: 92106389-017 Date Collected: 10/28/05 11:50
 Client Sample ID: SB-42 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	400	11/10/05 21:27	BET	120-83-2		
Diethylphthalate	ND	ug/kg	400	11/10/05 21:27	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	400	11/10/05 21:27	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	400	11/10/05 21:27	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	400	11/10/05 21:27	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	400	11/10/05 21:27	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2000	11/10/05 21:27	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	400	11/10/05 21:27	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	400	11/10/05 21:27	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	400	11/10/05 21:27	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	400	11/10/05 21:27	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	11/10/05 21:27	BET	117-81-7		
Fluoranthene	ND	ug/kg	400	11/10/05 21:27	BET	206-44-0		
Fluorene	ND	ug/kg	400	11/10/05 21:27	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	400	11/10/05 21:27	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	400	11/10/05 21:27	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	400	11/10/05 21:27	BET	77-47-4		
Hexachloroethane	ND	ug/kg	400	11/10/05 21:27	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	11/10/05 21:27	BET	193-39-5		
Isophorone	ND	ug/kg	400	11/10/05 21:27	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	400	11/10/05 21:27	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	400	11/10/05 21:27	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	400	11/10/05 21:27	BET			
Naphthalene	ND	ug/kg	400	11/10/05 21:27	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	11/10/05 21:27	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	11/10/05 21:27	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	11/10/05 21:27	BET	100-01-6		
Nitrobenzene	ND	ug/kg	400	11/10/05 21:27	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	400	11/10/05 21:27	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	11/10/05 21:27	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	400	11/10/05 21:27	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	400	11/10/05 21:27	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	11/10/05 21:27	BET	87-86-5		
Phenanthrene	ND	ug/kg	400	11/10/05 21:27	BET	85-01-8		
Phenol	ND	ug/kg	400	11/10/05 21:27	BET	108-95-2		
Pyrene	ND	ug/kg	400	11/10/05 21:27	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	400	11/10/05 21:27	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	400	11/10/05 21:27	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	400	11/10/05 21:27	BET	88-06-2		

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Charlotte Certification IDs

NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI DP FR76AR



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: 926278458 Project Sample Number: 92106389-017 Date Collected: 10/28/05 11:50
 Client Sample ID: SB-42 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	42	%		11/10/05 21:27	BET	4165-60-0		
2-Fluorobiphenyl (S)	38	%		11/10/05 21:27	BET	321-60-8		
Terphenyl-d14 (S)	73	%		11/10/05 21:27	BET	1718-51-0		
Phenol-d5 (S)	42	%		11/10/05 21:27	BET	4165-62-2		
2-Fluorophenol (S)	36	%		11/10/05 21:27	BET	367-12-4		
2,4,6-Tribromophenol (S)	42	%		11/10/05 21:27	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

Acetone	ND	ug/kg	95.	11/03/05 01:05	DLK	67-64-1		
Benzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	75-27-4		
Bromoform	ND	ug/kg	4.8	11/03/05 01:05	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.5	11/03/05 01:05	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	95.	11/03/05 01:05	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.8	11/03/05 01:05	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.5	11/03/05 01:05	DLK	75-00-3		
Chloroform	ND	ug/kg	4.8	11/03/05 01:05	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.5	11/03/05 01:05	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.8	11/03/05 01:05	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.8	11/03/05 01:05	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	11/03/05 01:05	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	11/03/05 01:05	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.5	11/03/05 01:05	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.8	11/03/05 01:05	DLK	75-35-4		

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 SC 99006
 FI NFI AP F87627



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

Lab Sample No: 926278458 Project Sample Number: 92106389-017 Date Collected: 10/28/05 11:50
Client Sample ID: SB-42 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	4.8	11/03/05 01:05	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.8	11/03/05 01:05	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.8	11/03/05 01:05	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.8	11/03/05 01:05	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.8	11/03/05 01:05	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.8	11/03/05 01:05	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.8	11/03/05 01:05	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.8	11/03/05 01:05	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.8	11/03/05 01:05	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	11/03/05 01:05	DLK	87-68-3		
2-Hexanone	ND	ug/kg	48.	11/03/05 01:05	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	11/03/05 01:05	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.8	11/03/05 01:05	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.8	11/03/05 01:05	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.	11/03/05 01:05	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.8	11/03/05 01:05	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.8	11/03/05 01:05	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	103-65-1		
Styrene	ND	ug/kg	4.8	11/03/05 01:05	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.8	11/03/05 01:05	DLK	127-18-4		
Toluene	ND	ug/kg	4.8	11/03/05 01:05	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.8	11/03/05 01:05	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.8	11/03/05 01:05	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.8	11/03/05 01:05	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	11/03/05 01:05	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	48.	11/03/05 01:05	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.5	11/03/05 01:05	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.8	11/03/05 01:05	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.5	11/03/05 01:05	DLK			
o-Xylene	ND	ug/kg	4.8	11/03/05 01:05	DLK	95-47-6		
Toluene-d8 (S)	102	%		11/03/05 01:05	DLK	2037-26-5		

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

Lab Sample No: 926278458 Project Sample Number: 92106389-017 Date Collected: 10/28/05 11:50
 Client Sample ID: SB-42 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	93	%		11/03/05 01:05	DLK	460-00-4		
Dibromofluoromethane (S)	105	%		11/03/05 01:05	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	94	%		11/03/05 01:05	DLK	17060-07-0		

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 EI NEI AD E97619



Charlotte Certification IDs

NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 EI NEI AD E97627



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: 926278441 Project Sample Number: 92106389-016 Date Collected: 10/28/05 10:50
 Client Sample ID: SB-43 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	37.	mg/kg	0.24	11/09/05 04:14	ALV	7440-47-3		
Lead	15.	mg/kg	0.61	11/09/05 04:14	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	19.3	%		10/31/05 09:02 TNS				

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	410	11/10/05 20:51	BET	83-32-9		
Acenaphthylene	ND	ug/kg	410	11/10/05 20:51	BET	208-96-8		
Anthracene	ND	ug/kg	410	11/10/05 20:51	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	410	11/10/05 20:51	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	410	11/10/05 20:51	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	410	11/10/05 20:51	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	11/10/05 20:51	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	410	11/10/05 20:51	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	820	11/10/05 20:51	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	410	11/10/05 20:51	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	410	11/10/05 20:51	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	410	11/10/05 20:51	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	820	11/10/05 20:51	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	820	11/10/05 20:51	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	410	11/10/05 20:51	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	410	11/10/05 20:51	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	410	11/10/05 20:51	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	410	11/10/05 20:51	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	410	11/10/05 20:51	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	410	11/10/05 20:51	BET	7005-72-3		
Chrysene	ND	ug/kg	410	11/10/05 20:51	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	410	11/10/05 20:51	BET	53-70-3		
Dibenzofuran	ND	ug/kg	410	11/10/05 20:51	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	410	11/10/05 20:51	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	410	11/10/05 20:51	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	410	11/10/05 20:51	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	820	11/10/05 20:51	BET	91-94-1		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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 SC Environmental 99030
 FI NFI AP F8764R



Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI AP F87628



Pace Analytical Services, Inc.
 9800 Kinsey 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: 926278441 Project Sample Number: 92106389-016 Date Collected: 10/28/05 10:50
 Client Sample ID: SB-43 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	410	11/10/05 20:51	BET	120-83-2		
Diethylphthalate	ND	ug/kg	410	11/10/05 20:51	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	410	11/10/05 20:51	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	410	11/10/05 20:51	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	410	11/10/05 20:51	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	410	11/10/05 20:51	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2000	11/10/05 20:51	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	410	11/10/05 20:51	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	410	11/10/05 20:51	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	410	11/10/05 20:51	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	410	11/10/05 20:51	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	410	11/10/05 20:51	BET	117-81-7		
Fluoranthene	ND	ug/kg	410	11/10/05 20:51	BET	206-44-0		
Fluorene	ND	ug/kg	410	11/10/05 20:51	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	410	11/10/05 20:51	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	410	11/10/05 20:51	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	410	11/10/05 20:51	BET	77-47-4		
Hexachloroethane	ND	ug/kg	410	11/10/05 20:51	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	410	11/10/05 20:51	BET	193-39-5		
Isophorone	ND	ug/kg	410	11/10/05 20:51	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	410	11/10/05 20:51	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	410	11/10/05 20:51	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	410	11/10/05 20:51	BET			
Naphthalene	ND	ug/kg	410	11/10/05 20:51	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	11/10/05 20:51	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	11/10/05 20:51	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	11/10/05 20:51	BET	100-01-6		
Nitrobenzene	ND	ug/kg	410	11/10/05 20:51	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	410	11/10/05 20:51	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	11/10/05 20:51	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	410	11/10/05 20:51	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	410	11/10/05 20:51	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	11/10/05 20:51	BET	87-86-5		
Phenanthrene	ND	ug/kg	410	11/10/05 20:51	BET	85-01-8		
Phenol	ND	ug/kg	410	11/10/05 20:51	BET	108-95-2		
Pyrene	ND	ug/kg	410	11/10/05 20:51	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	410	11/10/05 20:51	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	410	11/10/05 20:51	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	410	11/10/05 20:51	BET	88-06-2		

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: 926278441 Project Sample Number: 92106389-016 Date Collected: 10/28/05 10:50
 Client Sample ID: SB-43 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	58	%		11/10/05 20:51	BET	4165-60-0		
2-Fluorobiphenyl (S)	47	%		11/10/05 20:51	BET	321-60-8		
Terphenyl-d14 (S)	65	%		11/10/05 20:51	BET	1718-51-0		
Phenol-d5 (S)	53	%		11/10/05 20:51	BET	4165-62-2		
2-Fluorophenol (S)	50	%		11/10/05 20:51	BET	367-12-4		
2,4,6-Tribromophenol (S)	47	%		11/10/05 20:51	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	97.	11/03/05 00:46	DLK	67-64-1		
Benzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	75-27-4		
Bromoform	ND	ug/kg	4.9	11/03/05 00:46	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.7	11/03/05 00:46	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	97.	11/03/05 00:46	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.9	11/03/05 00:46	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.7	11/03/05 00:46	DLK	75-00-3		
Chloroform	ND	ug/kg	4.9	11/03/05 00:46	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.7	11/03/05 00:46	DLK	74-87-3		
2-Chlorotoluene	ND	ug/kg	4.9	11/03/05 00:46	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.9	11/03/05 00:46	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	11/03/05 00:46	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	11/03/05 00:46	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.7	11/03/05 00:46	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.9	11/03/05 00:46	DLK	75-35-4		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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 SC Environmental 99030
 EI NCI AD E9764R



Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 EI NCI AD E97627

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

Lab Sample No: 926278441 Project Sample Number: 92106389-016 Date Collected: 10/28/05 10:50
Client Sample ID: SB-43 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	4.9	11/03/05 00:46	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.9	11/03/05 00:46	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.9	11/03/05 00:46	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.9	11/03/05 00:46	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.9	11/03/05 00:46	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.9	11/03/05 00:46	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.9	11/03/05 00:46	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.9	11/03/05 00:46	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.9	11/03/05 00:46	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	11/03/05 00:46	DLK	87-68-3		
2-Hexanone	ND	ug/kg	49.	11/03/05 00:46	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	11/03/05 00:46	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.9	11/03/05 00:46	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.9	11/03/05 00:46	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	49.	11/03/05 00:46	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.9	11/03/05 00:46	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.9	11/03/05 00:46	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	103-65-1		
Styrene	ND	ug/kg	4.9	11/03/05 00:46	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.9	11/03/05 00:46	DLK	127-18-4		
Toluene	ND	ug/kg	4.9	11/03/05 00:46	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.9	11/03/05 00:46	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.9	11/03/05 00:46	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.9	11/03/05 00:46	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	11/03/05 00:46	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	49.	11/03/05 00:46	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.7	11/03/05 00:46	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.9	11/03/05 00:46	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.7	11/03/05 00:46	DLK			
o-Xylene	ND	ug/kg	4.9	11/03/05 00:46	DLK	95-47-6		
Toluene-d8 (S)	103	µ		11/03/05 00:46	DLK	2037-26-5		

Date: 11/14/05

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FL NELAP E87648



Charlotte Certification IDs
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FL NELAP E87627



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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: 926278441 Project Sample Number: 92106389-016 Date Collected: 10/28/05 10:50
 Client Sample ID: SB-43 8FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	97	%		11/03/05 00:46	DLK	460-00-4		
Dibromofluoromethane (S)	104	%		11/03/05 00:46	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	95	%		11/03/05 00:46	DLK	17060-07-0		

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Charlotte Certification IDs

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



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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: 926278532 Project Sample Number: 92106389-025 Date Collected: 10/28/05 16:00
 Client Sample ID: SB-44 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	12.	mg/kg	0.24	11/09/05 04:53	ALV	7440-47-3		
Lead	13.	mg/kg	0.60	11/09/05 04:53	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	17.2	%		10/31/05 09:21	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 13:47	BET	83-32-9		
Acenaphthylene	ND	ug/kg	400	11/10/05 13:47	BET	208-96-8		
Anthracene	ND	ug/kg	400	11/10/05 13:47	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	400	11/10/05 13:47	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	400	11/10/05 13:47	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	400	11/10/05 13:47	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	11/10/05 13:47	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	400	11/10/05 13:47	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	800	11/10/05 13:47	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	400	11/10/05 13:47	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	400	11/10/05 13:47	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	400	11/10/05 13:47	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	800	11/10/05 13:47	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	800	11/10/05 13:47	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	400	11/10/05 13:47	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	400	11/10/05 13:47	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	400	11/10/05 13:47	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	400	11/10/05 13:47	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	400	11/10/05 13:47	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	400	11/10/05 13:47	BET	7005-72-3		
Chrysene	ND	ug/kg	400	11/10/05 13:47	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	400	11/10/05 13:47	BET	53-70-3		
Dibenzofuran	ND	ug/kg	400	11/10/05 13:47	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	400	11/10/05 13:47	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	400	11/10/05 13:47	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	400	11/10/05 13:47	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	800	11/10/05 13:47	BET	91-94-1		

Date: 11/14/05

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REPORT OF LABORATORY ANALYSIS

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 SC 99006
 FI NFI AP E876AR

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

Lab Sample No: 926278532 Project Sample Number: 92106389-025 Date Collected: 10/28/05 16:00
Client Sample ID: SB-44 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	400	11/10/05 13:47	BET	120-83-2		
Diethylphthalate	ND	ug/kg	400	11/10/05 13:47	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	400	11/10/05 13:47	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	400	11/10/05 13:47	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	400	11/10/05 13:47	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	400	11/10/05 13:47	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	2000	11/10/05 13:47	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	400	11/10/05 13:47	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	400	11/10/05 13:47	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	400	11/10/05 13:47	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	400	11/10/05 13:47	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	11/10/05 13:47	BET	117-81-7		
Fluoranthene	ND	ug/kg	400	11/10/05 13:47	BET	206-44-0		
Fluorene	ND	ug/kg	400	11/10/05 13:47	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	400	11/10/05 13:47	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	400	11/10/05 13:47	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	400	11/10/05 13:47	BET	77-47-4		
Hexachloroethane	ND	ug/kg	400	11/10/05 13:47	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	11/10/05 13:47	BET	193-39-5		
Isophorone	ND	ug/kg	400	11/10/05 13:47	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	400	11/10/05 13:47	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	400	11/10/05 13:47	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	400	11/10/05 13:47	BET			
Naphthalene	ND	ug/kg	400	11/10/05 13:47	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	11/10/05 13:47	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	11/10/05 13:47	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	11/10/05 13:47	BET	100-01-6		
Nitrobenzene	ND	ug/kg	400	11/10/05 13:47	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	400	11/10/05 13:47	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	11/10/05 13:47	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	400	11/10/05 13:47	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	400	11/10/05 13:47	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	11/10/05 13:47	BET	87-86-5		
Phenanthrene	ND	ug/kg	400	11/10/05 13:47	BET	85-01-8		
Phenol	ND	ug/kg	400	11/10/05 13:47	BET	108-95-2		
Pyrene	ND	ug/kg	400	11/10/05 13:47	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	400	11/10/05 13:47	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	400	11/10/05 13:47	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	400	11/10/05 13:47	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
FL NELAP E87627



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

Lab Sample No: 926278532 Project Sample Number: 92106389-025 Date Collected: 10/28/05 16:00
Client Sample ID: SB-44 4FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	43	%		11/10/05 13:47	BET	4165-60-0		
2-Fluorobiphenyl (S)	52	%		11/10/05 13:47	BET	321-60-8		
Terphenyl-d14 (S)	73	%		11/10/05 13:47	BET	1718-51-0		
Phenol-d5 (S)	42	%		11/10/05 13:47	BET	4165-62-2		
2-Fluorophenol (S)	36	%		11/10/05 13:47	BET	367-12-4		
2,4,6-Tribromophenol (S)	52	%		11/10/05 13:47	BET	118-79-6		
Date Extracted	11/07/05			11/07/05				

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	11/03/05 07:35	DLK	67-64-1
Benzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	71-43-2
Bromobenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	108-86-1
Bromochloromethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	75-27-4
Bromoform	ND	ug/kg	5.3	11/03/05 07:35	DLK	75-25-2
Bromomethane	ND	ug/kg	11.	11/03/05 07:35	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	110	11/03/05 07:35	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	5.3	11/03/05 07:35	DLK	56-23-5
Chlorobenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	108-90-7
Chloroethane	ND	ug/kg	11.	11/03/05 07:35	DLK	75-00-3
Chloroform	ND	ug/kg	5.3	11/03/05 07:35	DLK	67-66-3
Chloromethane	ND	ug/kg	11.	11/03/05 07:35	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	5.3	11/03/05 07:35	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	5.3	11/03/05 07:35	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	11/03/05 07:35	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	11/03/05 07:35	DLK	106-93-4
Dibromomethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	11.	11/03/05 07:35	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	5.3	11/03/05 07:35	DLK	75-35-4

REPORT OF LABORATORY ANALYSIS

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

Lab Sample No: 926278532 Project Sample Number: 92106389-025 Date Collected: 10/28/05 16:00
Client Sample ID: SB-44 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	11/03/05 07:35	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.3	11/03/05 07:35	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.3	11/03/05 07:35	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.3	11/03/05 07:35	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.3	11/03/05 07:35	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.3	11/03/05 07:35	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.3	11/03/05 07:35	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.3	11/03/05 07:35	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.3	11/03/05 07:35	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	11/03/05 07:35	DLK	87-68-3		
2-Hexanone	ND	ug/kg	53.	11/03/05 07:35	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	11/03/05 07:35	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.3	11/03/05 07:35	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.3	11/03/05 07:35	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	53.	11/03/05 07:35	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.3	11/03/05 07:35	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.3	11/03/05 07:35	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	103-65-1		
Styrene	ND	ug/kg	5.3	11/03/05 07:35	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.3	11/03/05 07:35	DLK	127-18-4		
Toluene	ND	ug/kg	5.3	11/03/05 07:35	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.3	11/03/05 07:35	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.3	11/03/05 07:35	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.3	11/03/05 07:35	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	11/03/05 07:35	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	53.	11/03/05 07:35	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	11.	11/03/05 07:35	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.3	11/03/05 07:35	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	11.	11/03/05 07:35	DLK			
o-Xylene	ND	ug/kg	5.3	11/03/05 07:35	DLK	95-47-6		
Toluene-d8 (S)	97	%		11/03/05 07:35	DLK	2037-26-5		

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NC Drinking Water 37706
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FI NFI AP F87627





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: 926278532 Project Sample Number: 92106389-025 Date Collected: 10/28/05 16:00
 Client Sample ID: SB-44 4FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	88	%		11/03/05 07:35	DLK	460-00-4		
Dibromofluoromethane (S)	104	%		11/03/05 07:35	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	88	%		11/03/05 07:35	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: 926278508 Project Sample Number: 92106389-022 Date Collected: 10/28/05 13:45
Client Sample ID: SB-45 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	9.3	mg/kg	0.21	11/09/05 04:37	ALV	7440-47-3		
Lead	2.1	mg/kg	0.53	11/09/05 04:37	ALV	7439-92-1		
Date Digested	11/01/05 10:45			11/01/05 10:45				

Wet Chemistry

Percent Moisture	Method: % Moisture							
Percent Moisture	11.0	%		10/31/05 09:19	TNS			

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270							
Acenaphthene	ND	ug/kg	370	11/10/05 11:18	BET	83-32-9		
Acenaphthylene	ND	ug/kg	370	11/10/05 11:18	BET	208-96-8		
Anthracene	ND	ug/kg	370	11/10/05 11:18	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	370	11/10/05 11:18	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	370	11/10/05 11:18	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	370	11/10/05 11:18	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	11/10/05 11:18	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	370	11/10/05 11:18	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	740	11/10/05 11:18	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	370	11/10/05 11:18	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	370	11/10/05 11:18	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	370	11/10/05 11:18	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	740	11/10/05 11:18	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	740	11/10/05 11:18	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	370	11/10/05 11:18	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	370	11/10/05 11:18	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	11/10/05 11:18	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	370	11/10/05 11:18	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	370	11/10/05 11:18	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	370	11/10/05 11:18	BET	7005-72-3		
Chrysene	ND	ug/kg	370	11/10/05 11:18	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	370	11/10/05 11:18	BET	53-70-3		
Dibenzofuran	ND	ug/kg	370	11/10/05 11:18	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	370	11/10/05 11:18	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	370	11/10/05 11:18	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	370	11/10/05 11:18	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	740	11/10/05 11:18	BET	91-94-1		

Date: 11/14/05

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Pace Analytical Services, Inc.
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 Huntersville, NC 28078
 Phone: 704.875.9092
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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278508 Project Sample Number: 92106389-022 Date Collected: 10/28/05 13:45
 Client Sample ID: SB-45 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	11/10/05 11:18	BET	120-83-2		
Diethylphthalate	ND	ug/kg	370	11/10/05 11:18	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	370	11/10/05 11:18	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	370	11/10/05 11:18	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	370	11/10/05 11:18	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	370	11/10/05 11:18	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/kg	1900	11/10/05 11:18	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	370	11/10/05 11:18	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	370	11/10/05 11:18	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	370	11/10/05 11:18	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	370	11/10/05 11:18	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	11/10/05 11:18	BET	117-81-7		
Fluoranthene	ND	ug/kg	370	11/10/05 11:18	BET	206-44-0		
Fluorene	ND	ug/kg	370	11/10/05 11:18	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	370	11/10/05 11:18	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	370	11/10/05 11:18	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	370	11/10/05 11:18	BET	77-47-4		
Hexachloroethane	ND	ug/kg	370	11/10/05 11:18	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	11/10/05 11:18	BET	193-39-5		
Isophorone	ND	ug/kg	370	11/10/05 11:18	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	370	11/10/05 11:18	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	370	11/10/05 11:18	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	370	11/10/05 11:18	BET			
Naphthalene	ND	ug/kg	370	11/10/05 11:18	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	11/10/05 11:18	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	11/10/05 11:18	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	11/10/05 11:18	BET	100-01-6		
Nitrobenzene	ND	ug/kg	370	11/10/05 11:18	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	370	11/10/05 11:18	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	11/10/05 11:18	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	370	11/10/05 11:18	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	370	11/10/05 11:18	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	11/10/05 11:18	BET	87-86-5		
Phenanthrene	ND	ug/kg	370	11/10/05 11:18	BET	85-01-8		
Phenol	ND	ug/kg	370	11/10/05 11:18	BET	108-95-2		
Pyrene	ND	ug/kg	370	11/10/05 11:18	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	370	11/10/05 11:18	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	370	11/10/05 11:18	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	370	11/10/05 11:18	BET	88-06-2		

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 E87622



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

Lab Sample No: 926278508 Project Sample Number: 92106389-022 Date Collected: 10/28/05 13:45
Client Sample ID: SB-45 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Nitrobenzene-d5 (S)	77	%		11/10/05 11:18	BET	4165-60-0		
2-Fluorobiphenyl (S)	76	%		11/10/05 11:18	BET	321-60-8		
Terphenyl-d14 (S)	81	%		11/10/05 11:18	BET	1718-51-0		
Phenol-d5 (S)	68	%		11/10/05 11:18	BET	4165-62-2		
2-Fluorophenol (S)	57	%		11/10/05 11:18	BET	367-12-4		
2,4,6-Tribromophenol (S)	59	%		11/10/05 11:18	BET	118-79-6		
Date Extracted	11/07/05			11/07/05				

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	89.	11/03/05 02:42	DLK	67-64-1
Benzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	71-43-2
Bromobenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	108-86-1
Bromochloromethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	74-97-5
Bromodichloromethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	75-27-4
Bromoform	ND	ug/kg	4.5	11/03/05 02:42	DLK	75-25-2
Bromomethane	ND	ug/kg	8.9	11/03/05 02:42	DLK	74-83-9
2-Butanone (MEK)	ND	ug/kg	89.	11/03/05 02:42	DLK	78-93-3
n-Butylbenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	104-51-8
sec-Butylbenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	135-98-8
tert-Butylbenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	98-06-6
Carbon tetrachloride	ND	ug/kg	4.5	11/03/05 02:42	DLK	56-23-5
Chlorobenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	108-90-7
Chloroethane	ND	ug/kg	8.9	11/03/05 02:42	DLK	75-00-3
Chloroform	ND	ug/kg	4.5	11/03/05 02:42	DLK	67-66-3
Chloromethane	ND	ug/kg	8.9	11/03/05 02:42	DLK	74-87-3
2-Chlorotoluene	ND	ug/kg	4.5	11/03/05 02:42	DLK	95-49-8
4-Chlorotoluene	ND	ug/kg	4.5	11/03/05 02:42	DLK	106-43-4
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	11/03/05 02:42	DLK	96-12-8
Dibromochloromethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	124-48-1
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	11/03/05 02:42	DLK	106-93-4
Dibromomethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	74-95-3
1,2-Dichlorobenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	95-50-1
1,3-Dichlorobenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	541-73-1
1,4-Dichlorobenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	106-46-7
Dichlorodifluoromethane	ND	ug/kg	8.9	11/03/05 02:42	DLK	75-71-8
1,1-Dichloroethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	75-34-3
1,2-Dichloroethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	107-06-2
1,1-Dichloroethene	ND	ug/kg	4.5	11/03/05 02:42	DLK	75-35-4

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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
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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: 926278508 Project Sample Number: 92106389-022 Date Collected: 10/28/05 13:45
 Client Sample ID: SB-45 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	4.5	11/03/05 02:42	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.5	11/03/05 02:42	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.5	11/03/05 02:42	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.5	11/03/05 02:42	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.5	11/03/05 02:42	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.5	11/03/05 02:42	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.5	11/03/05 02:42	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.5	11/03/05 02:42	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.5	11/03/05 02:42	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	11/03/05 02:42	DLK	87-68-3		
2-Hexanone	ND	ug/kg	45.	11/03/05 02:42	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	11/03/05 02:42	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.5	11/03/05 02:42	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.5	11/03/05 02:42	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.	11/03/05 02:42	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.5	11/03/05 02:42	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.5	11/03/05 02:42	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	103-65-1		
Styrene	ND	ug/kg	4.5	11/03/05 02:42	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.5	11/03/05 02:42	DLK	127-18-4		
Toluene	ND	ug/kg	4.5	11/03/05 02:42	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	120-82-1		
1,1,1-Trichloroethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.5	11/03/05 02:42	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.5	11/03/05 02:42	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.5	11/03/05 02:42	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	11/03/05 02:42	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	45.	11/03/05 02:42	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	8.9	11/03/05 02:42	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.5	11/03/05 02:42	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	8.9	11/03/05 02:42	DLK			
o-Xylene	ND	ug/kg	4.5	11/03/05 02:42	DLK	95-47-6		
Toluene-d8 (S)	101	%		11/03/05 02:42	DLK	2037-26-5		

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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: 926278508 Project Sample Number: 92106389-022 Date Collected: 10/28/05 13:45
 Client Sample ID: SB-45 12FT Matrix: Soil Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
4-Bromofluorobenzene (S)	98	%		11/03/05 02:42	DLK	460-00-4		
Dibromofluoromethane (S)	117	%		11/03/05 02:42	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	108	%		11/03/05 02:42	DLK	17060-07-0		

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

Lab Sample No: 926278565 Project Sample Number: 92106389-028 Date Collected: 10/28/05 15:30
 Client Sample ID: SB-31 GW Matrix: Water Date Received: 10/28/05 17:30

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

3030C Metals, ICP, Trace	Prep/Method: SM 3030C / EPA 200.7							
Chromium, 3030C	0.13	mg/l	0.0020	11/09/05 05:35	EWS	7440-47-3		
Lead, 3030C	0.030	mg/l	0.0050	11/09/05 05:35	EWS	7439-92-1		
Date Digested	10/29/05 07:00			10/29/05 07:00				

GC/MS Semivolatiles

Extractables in Water by 625	Prep/Method: EPA 625 SF / EPA 625							
Acenaphthene	ND	ug/l	7.8	11/11/05 13:51	BET	83-32-9		
Acenaphthylene	ND	ug/l	7.8	11/11/05 13:51	BET	208-96-8		
Anthracene	ND	ug/l	7.8	11/11/05 13:51	BET	120-12-7		
Benzidine	ND	ug/l	78.	11/11/05 13:51	BET	92-87-5		
Benzo(k)fluoranthene	ND	ug/l	7.8	11/11/05 13:51	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/l	7.8	11/11/05 13:51	BET	205-99-2		
Benzo(a)anthracene	ND	ug/l	7.8	11/11/05 13:51	BET	56-55-3		
Benzo(g,h,i)perylene	ND	ug/l	7.8	11/11/05 13:51	BET	191-24-2		
Benzo(a)pyrene	ND	ug/l	7.8	11/11/05 13:51	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/l	7.8	11/11/05 13:51	BET	101-55-3		
Butylbenzylphthalate	ND	ug/l	7.8	11/11/05 13:51	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/l	7.8	11/11/05 13:51	BET	59-50-7		
bis(2-Chloroethoxy)methane	ND	ug/l	7.8	11/11/05 13:51	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/l	7.8	11/11/05 13:51	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/l	7.8	11/11/05 13:51	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/l	7.8	11/11/05 13:51	BET	91-58-7		
2-Chlorophenol	ND	ug/l	7.8	11/11/05 13:51	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/l	7.8	11/11/05 13:51	BET	7005-72-3		
Chrysene	ND	ug/l	7.8	11/11/05 13:51	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/l	7.8	11/11/05 13:51	BET	53-70-3		
1,2-Dichlorobenzene	ND	ug/l	7.8	11/11/05 13:51	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	7.8	11/11/05 13:51	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	7.8	11/11/05 13:51	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/l	16.	11/11/05 13:51	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/l	7.8	11/11/05 13:51	BET	120-83-2		
Diethylphthalate	ND	ug/l	7.8	11/11/05 13:51	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/l	7.8	11/11/05 13:51	BET	105-67-9		
Dimethylphthalate	ND	ug/l	7.8	11/11/05 13:51	BET	131-11-3		
Di-n-butylphthalate	ND	ug/l	7.8	11/11/05 13:51	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/l	39.	11/11/05 13:51	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/l	39.	11/11/05 13:51	BET	51-28-5		

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 FI NFI AP F87627





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: 926278565 Project Sample Number: 92106389-028 Date Collected: 10/28/05 15:30
 Client Sample ID: SB-31 GW Matrix: Water Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrotoluene	ND	ug/l	7.8	11/11/05 13:51	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/l	7.8	11/11/05 13:51	BET	606-20-2		
Di-n-octylphthalate	ND	ug/l	7.8	11/11/05 13:51	BET	117-84-0		
bis(2-Ethylhexyl)phthalate	ND	ug/l	7.8	11/11/05 13:51	BET	117-81-7		
Fluoranthene	ND	ug/l	7.8	11/11/05 13:51	BET	206-44-0		
Fluorene	ND	ug/l	7.8	11/11/05 13:51	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/l	7.8	11/11/05 13:51	BET	87-68-3		
Hexachlorobenzene	ND	ug/l	7.8	11/11/05 13:51	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/l	16.	11/11/05 13:51	BET	77-47-4		
Hexachloroethane	ND	ug/l	7.8	11/11/05 13:51	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/l	7.8	11/11/05 13:51	BET	193-39-5		
Isophorone	ND	ug/l	7.8	11/11/05 13:51	BET	78-59-1		
Naphthalene	ND	ug/l	7.8	11/11/05 13:51	BET	91-20-3		
Nitrobenzene	ND	ug/l	7.8	11/11/05 13:51	BET	98-95-3		
2-Nitrophenol	ND	ug/l	7.8	11/11/05 13:51	BET	88-75-5		
4-Nitrophenol	ND	ug/l	39.	11/11/05 13:51	BET	100-02-7		
N-Nitrosodimethylamine	ND	ug/l	7.8	11/11/05 13:51	BET	62-75-9		
N-Nitroso-di-n-propylamine	ND	ug/l	7.8	11/11/05 13:51	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/l	7.8	11/11/05 13:51	BET	86-30-6		
Pentachlorophenol	ND	ug/l	39.	11/11/05 13:51	BET	87-86-5		
Phenanthrene	ND	ug/l	7.8	11/11/05 13:51	BET	85-01-8		
Phenol	ND	ug/l	7.8	11/11/05 13:51	BET	108-95-2		
Pyrene	ND	ug/l	7.8	11/11/05 13:51	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/l	7.8	11/11/05 13:51	BET	120-82-1		
2,4,6-Trichlorophenol	ND	ug/l	7.8	11/11/05 13:51	BET	88-06-2		
Nitrobenzene-d5 (S)	76	%		11/11/05 13:51	BET	4165-60-0		
2-Fluorobiphenyl (S)	66	%		11/11/05 13:51	BET	321-60-8		
Terphenyl-d14 (S)	76	%		11/11/05 13:51	BET	1718-51-0		
Phenol-d5 (S)	42	%		11/11/05 13:51	BET	4165-62-2		
2-Fluorophenol (S)	53	%		11/11/05 13:51	BET	367-12-4		
2,4,6-Tribromophenol (S)	88	%		11/11/05 13:51	BET	118-79-6		
Date Extracted	11/04/05			11/04/05				

GC Volatiles

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

Benzene	ND	ug/l	1.0	11/03/05 23:23	PPM	71-43-2		
Bromobenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	108-86-1		
Bromochloromethane	ND	ug/l	1.0	11/03/05 23:23	PPM	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	11/03/05 23:23	PPM	75-27-4		

Date: 11/14/05

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Charlotte Certification IDs

NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FI NFI AP FR7627



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

Lab Sample No: 926278565 Project Sample Number: 92106389-028 Date Collected: 10/28/05 15:30
Client Sample ID: SB-31 GW Matrix: Water Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Bromoform	ND	ug/l	1.0	11/03/05 23:23	PPM	75-25-2		
Bromomethane	ND	ug/l	1.0	11/03/05 23:23	PPM	74-83-9		
n-Butylbenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	11/03/05 23:23	PPM	56-23-5		
Chlorobenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	108-90-7		
Chloroethane	ND	ug/l	1.0	11/03/05 23:23	PPM	75-00-3		
Chloroform	14.	ug/l	1.0	11/03/05 23:23	PPM	67-66-3		
Chloromethane	ND	ug/l	2.0	11/03/05 23:23	PPM	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	11/03/05 23:23	PPM	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	11/03/05 23:23	PPM	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	2.0	11/03/05 23:23	PPM	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	11/03/05 23:23	PPM	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	11/03/05 23:23	PPM	106-93-4		
Dibromomethane	ND	ug/l	1.0	11/03/05 23:23	PPM	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	11/03/05 23:23	PPM	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	11/03/05 23:23	PPM	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	11/03/05 23:23	PPM	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	11/03/05 23:23	PPM	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	1.0	11/03/05 23:23	PPM	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	11/03/05 23:23	PPM	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	11/03/05 23:23	PPM	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	11/03/05 23:23	PPM	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	11/03/05 23:23	PPM	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	11/03/05 23:23	PPM	563-58-6		
cis-1,3-Dichloropropene	ND	ug/l	1.0	11/03/05 23:23	PPM	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	1.0	11/03/05 23:23	PPM	10061-02-6		
Diisopropyl ether	ND	ug/l	1.0	11/03/05 23:23	PPM	108-20-3		
Ethylbenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/l	2.0	11/03/05 23:23	PPM	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	11/03/05 23:23	PPM	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	11/03/05 23:23	PPM	99-87-6		
Methylene chloride	ND	ug/l	2.0	11/03/05 23:23	PPM	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	11/03/05 23:23	PPM	1634-04-4		
Naphthalene	ND	ug/l	2.0	11/03/05 23:23	PPM	91-20-3		

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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: 926278565 Project Sample Number: 92106389-028 Date Collected: 10/28/05 15:30
Client Sample ID: SB-31 GW Matrix: Water Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
n-Propylbenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	103-65-1		
Styrene	ND	ug/l	1.0	11/03/05 23:23	PPM	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	11/03/05 23:23	PPM	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	11/03/05 23:23	PPM	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	11/03/05 23:23	PPM	127-18-4		
Toluene	ND	ug/l	1.0	11/03/05 23:23	PPM	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	2.0	11/03/05 23:23	PPM	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	2.0	11/03/05 23:23	PPM	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	11/03/05 23:23	PPM	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	11/03/05 23:23	PPM	79-00-5		
Trichloroethene	ND	ug/l	1.0	11/03/05 23:23	PPM	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	11/03/05 23:23	PPM	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	11/03/05 23:23	PPM	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	11/03/05 23:23	PPM	108-67-8		
Vinyl chloride	ND	ug/l	1.0	11/03/05 23:23	PPM	75-01-4		
Xylene (Total)	ND	ug/l	1.0	11/03/05 23:23	PPM	1330-20-7		
m&p-Xylene	ND	ug/l	1.0	11/03/05 23:23	PPM			
o-Xylene	ND	ug/l	1.0	11/03/05 23:23	PPM	95-47-6		
1-Chloro-3-fluorobenzene (S)	99	%		11/03/05 23:23	PPM	625-98-9		

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FL NELAP F87627



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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: 926278540 Project Sample Number: 92106389-026 Date Collected: 10/28/05 13:30
 Client Sample ID: SB-41 GW Matrix: Water Date Received: 10/28/05 17:30

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

3030C Metals, ICP, Trace	Prep/Method: SM 3030C / EPA 200.7							
Chromium, 3030C	0.19	mg/l	0.0020	11/09/05 05:28	EWS	7440-47-3		
Lead, 3030C	0.46	mg/l	0.0050	11/09/05 05:28	EWS	7439-92-1		
Date Digested	10/29/05 07:00			10/29/05 07:00				

GC/MS Semivolatiles

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Extractables in Water by 625	Prep/Method: EPA 625 SF / EPA 625							
Acenaphthene	ND	ug/l	5.4	11/11/05 12:39	BET	83-32-9		
Acenaphthylene	ND	ug/l	5.4	11/11/05 12:39	BET	208-96-8		
Anthracene	ND	ug/l	5.4	11/11/05 12:39	BET	120-12-7		
Benzidine	ND	ug/l	54.	11/11/05 12:39	BET	92-87-5		
Benzo(k)fluoranthene	ND	ug/l	5.4	11/11/05 12:39	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/l	5.4	11/11/05 12:39	BET	205-99-2		
Benzo(a)anthracene	ND	ug/l	5.4	11/11/05 12:39	BET	56-55-3		
Benzo(g,h,i)perylene	ND	ug/l	5.4	11/11/05 12:39	BET	191-24-2		
Benzo(a)pyrene	ND	ug/l	5.4	11/11/05 12:39	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/l	5.4	11/11/05 12:39	BET	101-55-3		
Butylbenzylphthalate	ND	ug/l	5.4	11/11/05 12:39	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/l	5.4	11/11/05 12:39	BET	59-50-7		
bis(2-Chloroethoxy)methane	ND	ug/l	5.4	11/11/05 12:39	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/l	5.4	11/11/05 12:39	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/l	5.4	11/11/05 12:39	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/l	5.4	11/11/05 12:39	BET	91-58-7		
2-Chlorophenol	ND	ug/l	5.4	11/11/05 12:39	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/l	5.4	11/11/05 12:39	BET	7005-72-3		
Chrysene	ND	ug/l	5.4	11/11/05 12:39	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/l	5.4	11/11/05 12:39	BET	53-70-3		
1,2-Dichlorobenzene	ND	ug/l	5.4	11/11/05 12:39	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	5.4	11/11/05 12:39	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	5.4	11/11/05 12:39	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/l	11.	11/11/05 12:39	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/l	5.4	11/11/05 12:39	BET	120-83-2		
Diethylphthalate	ND	ug/l	5.4	11/11/05 12:39	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/l	5.4	11/11/05 12:39	BET	105-67-9		
Dimethylphthalate	ND	ug/l	5.4	11/11/05 12:39	BET	131-11-3		
Di-n-butylphthalate	ND	ug/l	5.4	11/11/05 12:39	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/l	27.	11/11/05 12:39	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/l	27.	11/11/05 12:39	BET	51-28-5		

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 NC Drinking Water 37706
 SC 99006
 FI NFI AP F87627





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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: 926278540 Project Sample Number: 92106389-026 Date Collected: 10/28/05 13:30
 Client Sample ID: SB-41 GW Matrix: Water Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrotoluene	ND	ug/l	5.4	11/11/05 12:39	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/l	5.4	11/11/05 12:39	BET	606-20-2		
Di-n-octylphthalate	ND	ug/l	5.4	11/11/05 12:39	BET	117-84-0		
bis(2-Ethylhexyl)phthalate	ND	ug/l	5.4	11/11/05 12:39	BET	117-81-7		
Fluoranthene	ND	ug/l	5.4	11/11/05 12:39	BET	206-44-0		
Fluorene	ND	ug/l	5.4	11/11/05 12:39	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/l	5.4	11/11/05 12:39	BET	87-68-3		
Hexachlorobenzene	ND	ug/l	5.4	11/11/05 12:39	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/l	11.	11/11/05 12:39	BET	77-47-4		
Hexachloroethane	ND	ug/l	5.4	11/11/05 12:39	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/l	5.4	11/11/05 12:39	BET	193-39-5		
Isophorone	ND	ug/l	5.4	11/11/05 12:39	BET	78-59-1		
Naphthalene	ND	ug/l	5.4	11/11/05 12:39	BET	91-20-3		
Nitrobenzene	ND	ug/l	5.4	11/11/05 12:39	BET	98-95-3		
2-Nitrophenol	ND	ug/l	5.4	11/11/05 12:39	BET	88-75-5		
4-Nitrophenol	ND	ug/l	27.	11/11/05 12:39	BET	100-02-7		
N-Nitrosodimethylamine	ND	ug/l	5.4	11/11/05 12:39	BET	62-75-9		
N-Nitroso-di-n-propylamine	ND	ug/l	5.4	11/11/05 12:39	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/l	5.4	11/11/05 12:39	BET	86-30-6		
Pentachlorophenol	ND	ug/l	27.	11/11/05 12:39	BET	87-86-5		
Phenanthrene	ND	ug/l	5.4	11/11/05 12:39	BET	85-01-8		
Phenol	ND	ug/l	5.4	11/11/05 12:39	BET	108-95-2		
Pyrene	ND	ug/l	5.4	11/11/05 12:39	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/l	5.4	11/11/05 12:39	BET	120-82-1		
2,4,6-Trichlorophenol	ND	ug/l	5.4	11/11/05 12:39	BET	88-06-2		
Nitrobenzene-d5 (S)	66	%		11/11/05 12:39	BET	4165-60-0		
2-Fluorobiphenyl (S)	55	%		11/11/05 12:39	BET	321-60-8		
Terphenyl-d14 (S)	69	%		11/11/05 12:39	BET	1718-51-0		
Phenol-d5 (S)	31	%		11/11/05 12:39	BET	4165-62-2		
2-Fluorophenol (S)	43	%		11/11/05 12:39	BET	367-12-4		
2,4,6-Tribromophenol (S)	78	%		11/11/05 12:39	BET	118-79-6		
Date Extracted	11/04/05			11/04/05				

GC Volatiles

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

Benzene	ND	ug/l	1.0	11/03/05 21:59	PPM	71-43-2		
Bromobenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	108-86-1		
Bromochloromethane	ND	ug/l	1.0	11/03/05 21:59	PPM	74-97-5		
Bromodichloromethane	ND	ug/l	1.0	11/03/05 21:59	PPM	75-27-4		

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 NC Drinking Water 37706
 SC 99006
 FI NFI AP FR7627



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: 926278540 Project Sample Number: 92106389-026 Date Collected: 10/28/05 13:30
 Client Sample ID: SB-41 GW Matrix: Water Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Bromoform	ND	ug/l	1.0	11/03/05 21:59	PPM	75-25-2		
Bromomethane	ND	ug/l	1.0	11/03/05 21:59	PPM	74-83-9		
n-Butylbenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	104-51-8		
sec-Butylbenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	135-98-8		
tert-Butylbenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	98-06-6		
Carbon tetrachloride	ND	ug/l	1.0	11/03/05 21:59	PPM	56-23-5		
Chlorobenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	108-90-7		
Chloroethane	ND	ug/l	1.0	11/03/05 21:59	PPM	75-00-3		
Chloroform	ND	ug/l	1.0	11/03/05 21:59	PPM	67-66-3		
Chloromethane	ND	ug/l	2.0	11/03/05 21:59	PPM	74-87-3		
2-Chlorotoluene	ND	ug/l	1.0	11/03/05 21:59	PPM	95-49-8		
4-Chlorotoluene	ND	ug/l	1.0	11/03/05 21:59	PPM	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	2.0	11/03/05 21:59	PPM	96-12-8		
Dibromochloromethane	ND	ug/l	1.0	11/03/05 21:59	PPM	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	11/03/05 21:59	PPM	106-93-4		
Dibromomethane	ND	ug/l	1.0	11/03/05 21:59	PPM	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	106-46-7		
Dichlorodifluoromethane	ND	ug/l	1.0	11/03/05 21:59	PPM	75-71-8		
1,1-Dichloroethane	ND	ug/l	1.0	11/03/05 21:59	PPM	75-34-3		
1,2-Dichloroethane	ND	ug/l	1.0	11/03/05 21:59	PPM	107-06-2		
1,1-Dichloroethene	ND	ug/l	1.0	11/03/05 21:59	PPM	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	1.0	11/03/05 21:59	PPM	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	1.0	11/03/05 21:59	PPM	156-60-5		
1,2-Dichloropropane	ND	ug/l	1.0	11/03/05 21:59	PPM	78-87-5		
1,3-Dichloropropane	ND	ug/l	1.0	11/03/05 21:59	PPM	142-28-9		
2,2-Dichloropropane	ND	ug/l	1.0	11/03/05 21:59	PPM	594-20-7		
1,1-Dichloropropene	ND	ug/l	1.0	11/03/05 21:59	PPM	563-58-6		
cis-1,3-Dichloropropene	ND	ug/l	1.0	11/03/05 21:59	PPM	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	1.0	11/03/05 21:59	PPM	10061-02-6		
Diisopropyl ether	ND	ug/l	1.0	11/03/05 21:59	PPM	108-20-3		
Ethylbenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/l	2.0	11/03/05 21:59	PPM	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	11/03/05 21:59	PPM	98-82-8		
p-Isopropyltoluene	ND	ug/l	1.0	11/03/05 21:59	PPM	99-87-6		
Methylene chloride	ND	ug/l	2.0	11/03/05 21:59	PPM	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	11/03/05 21:59	PPM	1634-04-4		
Naphthalene	ND	ug/l	2.0	11/03/05 21:59	PPM	91-20-3		

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

Lab Sample No: 926278540 Project Sample Number: 92106389-026 Date Collected: 10/28/05 13:30
 Client Sample ID: SB-41 GW Matrix: Water Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
n-Propylbenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	103-65-1		
Styrene	ND	ug/l	1.0	11/03/05 21:59	PPM	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	11/03/05 21:59	PPM	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	11/03/05 21:59	PPM	79-34-5		
Tetrachloroethene	ND	ug/l	1.0	11/03/05 21:59	PPM	127-18-4		
Toluene	ND	ug/l	1.0	11/03/05 21:59	PPM	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	2.0	11/03/05 21:59	PPM	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	2.0	11/03/05 21:59	PPM	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	1.0	11/03/05 21:59	PPM	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	11/03/05 21:59	PPM	79-00-5		
Trichloroethene	ND	ug/l	1.0	11/03/05 21:59	PPM	79-01-6		
Trichlorofluoromethane	ND	ug/l	1.0	11/03/05 21:59	PPM	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	1.0	11/03/05 21:59	PPM	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	11/03/05 21:59	PPM	108-67-8		
Vinyl chloride	ND	ug/l	1.0	11/03/05 21:59	PPM	75-01-4		
Xylene (Total)	ND	ug/l	1.0	11/03/05 21:59	PPM	1330-20-7		
m&p-Xylene	ND	ug/l	1.0	11/03/05 21:59	PPM			
o-Xylene	ND	ug/l	1.0	11/03/05 21:59	PPM	95-47-6		
1-Chloro-3-fluorobenzene (S)	99	%		11/03/05 21:59	PPM	625-98-9		

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Charlotte Certification IDs
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 NC Drinking Water 37706
 SC 99006
 FI NFI DP FR7627



Pace Analytical Services, Inc.
 9800 Kinsey Avenue, Suite 100
 Huntersville, NC 28078
 Phone: 704.875.9092
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Lab Project Number: 92106389
 Client Project ID: Multi Modal/WBS#32179

Lab Sample No: 926278557 Project Sample Number: 92106389-027 Date Collected: 10/28/05 14:00
 Client Sample ID: SB-42 GW Matrix: Water Date Received: 10/28/05 17:30

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

Metals

3030C Metals, ICP, Trace	Prep/Method: SM 3030C / EPA 200.7							
Chromium, 3030C	0.20	mg/l	0.0020	11/09/05 05:32	EWS	7440-47-3		
Lead, 3030C	0.32	mg/l	0.0050	11/09/05 05:32	EWS	7439-92-1		
Date Digested	10/29/05 07:00			10/29/05 07:00				

GC/MS Semivolatiles

Extractables in Water by 625	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: EPA 625 SF / EPA 625								
Acenaphthene	ND	ug/l	5.4	11/11/05 13:15	BET	83-32-9		
Acenaphthylene	ND	ug/l	5.4	11/11/05 13:15	BET	208-96-8		
Anthracene	ND	ug/l	5.4	11/11/05 13:15	BET	120-12-7		
Benzidine	ND	ug/l	54.	11/11/05 13:15	BET	92-87-5		
Benzo(k)fluoranthene	ND	ug/l	5.4	11/11/05 13:15	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/l	5.4	11/11/05 13:15	BET	205-99-2		
Benzo(a)anthracene	ND	ug/l	5.4	11/11/05 13:15	BET	56-55-3		
Benzo(g,h,i)perylene	ND	ug/l	5.4	11/11/05 13:15	BET	191-24-2		
Benzo(a)pyrene	ND	ug/l	5.4	11/11/05 13:15	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/l	5.4	11/11/05 13:15	BET	101-55-3		
Butylbenzylphthalate	ND	ug/l	5.4	11/11/05 13:15	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/l	5.4	11/11/05 13:15	BET	59-50-7		
bis(2-Chloroethoxy)methane	ND	ug/l	5.4	11/11/05 13:15	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/l	5.4	11/11/05 13:15	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/l	5.4	11/11/05 13:15	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/l	5.4	11/11/05 13:15	BET	91-58-7		
2-Chlorophenol	ND	ug/l	5.4	11/11/05 13:15	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/l	5.4	11/11/05 13:15	BET	7005-72-3		
Chrysene	ND	ug/l	5.4	11/11/05 13:15	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/l	5.4	11/11/05 13:15	BET	53-70-3		
1,2-Dichlorobenzene	ND	ug/l	5.4	11/11/05 13:15	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	5.4	11/11/05 13:15	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	5.4	11/11/05 13:15	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/l	11.	11/11/05 13:15	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/l	5.4	11/11/05 13:15	BET	120-83-2		
Diethylphthalate	ND	ug/l	5.4	11/11/05 13:15	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/l	5.4	11/11/05 13:15	BET	105-67-9		
Dimethylphthalate	ND	ug/l	5.4	11/11/05 13:15	BET	131-11-3		
Di-n-butylphthalate	6.8	ug/l	5.4	11/11/05 13:15	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/l	27.	11/11/05 13:15	BET	534-52-1		
2,4-Dinitrophenol	ND	ug/l	27.	11/11/05 13:15	BET	51-28-5		

Date: 11/14/05

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 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: 926278557 Project Sample Number: 92106389-027 Date Collected: 10/28/05 14:00
 Client Sample ID: SB-42 GW Matrix: Water Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrotoluene	ND	ug/l	5.4	11/11/05 13:15	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/l	5.4	11/11/05 13:15	BET	606-20-2		
Di-n-octylphthalate	ND	ug/l	5.4	11/11/05 13:15	BET	117-84-0		
bis(2-Ethylhexyl)phthalate	ND	ug/l	5.4	11/11/05 13:15	BET	117-81-7		
Fluoranthene	ND	ug/l	5.4	11/11/05 13:15	BET	206-44-0		
Fluorene	ND	ug/l	5.4	11/11/05 13:15	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/l	5.4	11/11/05 13:15	BET	87-68-3		
Hexachlorobenzene	ND	ug/l	5.4	11/11/05 13:15	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/l	11.	11/11/05 13:15	BET	77-47-4		
Hexachloroethane	ND	ug/l	5.4	11/11/05 13:15	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/l	5.4	11/11/05 13:15	BET	193-39-5		
Isophorone	ND	ug/l	5.4	11/11/05 13:15	BET	78-59-1		
Naphthalene	190	ug/l	54.	11/11/05 13:15	BET	91-20-3		
Nitrobenzene	ND	ug/l	5.4	11/11/05 13:15	BET	98-95-3		
2-Nitrophenol	ND	ug/l	5.4	11/11/05 13:15	BET	88-75-5		
4-Nitrophenol	ND	ug/l	27.	11/11/05 13:15	BET	100-02-7		
N-Nitrosodimethylamine	ND	ug/l	5.4	11/11/05 13:15	BET	62-75-9		
N-Nitroso-di-n-propylamine	ND	ug/l	5.4	11/11/05 13:15	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/l	5.4	11/11/05 13:15	BET	86-30-6		
Pentachlorophenol	ND	ug/l	27.	11/11/05 13:15	BET	87-86-5		
Phenanthrene	ND	ug/l	5.4	11/11/05 13:15	BET	85-01-8		
Phenol	ND	ug/l	5.4	11/11/05 13:15	BET	108-95-2		
Pyrene	ND	ug/l	5.4	11/11/05 13:15	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/l	5.4	11/11/05 13:15	BET	120-82-1		
2,4,6-Trichlorophenol	ND	ug/l	5.4	11/11/05 13:15	BET	88-06-2		
Nitrobenzene-d5 (S)	47	%		11/11/05 13:15	BET	4165-60-0		
2-Fluorobiphenyl (S)	56	%		11/11/05 13:15	BET	321-60-8		
Terphenyl-d14 (S)	64	%		11/11/05 13:15	BET	1718-51-0		
Phenol-d5 (S)	30	%		11/11/05 13:15	BET	4165-62-2		
2-Fluorophenol (S)	33	%		11/11/05 13:15	BET	367-12-4		
2,4,6-Tribromophenol (S)	75	%		11/11/05 13:15	BET	118-79-6		
Date Extracted	11/04/05			11/04/05				

GC Volatiles

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

Benzene	ND	ug/l	25.	11/08/05 01:50	PPM	71-43-2		
Bromobenzene	ND	ug/l	25.	11/08/05 01:50	PPM	108-86-1		
Bromochloromethane	ND	ug/l	25.	11/08/05 01:50	PPM	74-97-5		
Bromodichloromethane	ND	ug/l	25.	11/08/05 01:50	PPM	75-27-4		

Date: 11/14/05

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

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

Lab Sample No: 926278557 Project Sample Number: 92106389-027 Date Collected: 10/28/05 14:00
Client Sample ID: SB-42 GW Matrix: Water Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Bromoform	ND	ug/l	25.	11/08/05 01:50	PPM	75-25-2		
Bromomethane	ND	ug/l	25.	11/08/05 01:50	PPM	74-83-9		
n-Butylbenzene	92.	ug/l	25.	11/08/05 01:50	PPM	104-51-8		
sec-Butylbenzene	90.	ug/l	25.	11/08/05 01:50	PPM	135-98-8		
tert-Butylbenzene	ND	ug/l	25.	11/08/05 01:50	PPM	98-06-6		
Carbon tetrachloride	ND	ug/l	25.	11/08/05 01:50	PPM	56-23-5		
Chlorobenzene	ND	ug/l	25.	11/08/05 01:50	PPM	108-90-7		
Chloroethane	ND	ug/l	25.	11/08/05 01:50	PPM	75-00-3		
Chloroform	ND	ug/l	25.	11/08/05 01:50	PPM	67-66-3		
Chloromethane	ND	ug/l	50.	11/08/05 01:50	PPM	74-87-3		
2-Chlorotoluene	ND	ug/l	25.	11/08/05 01:50	PPM	95-49-8		
4-Chlorotoluene	ND	ug/l	25.	11/08/05 01:50	PPM	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	50.	11/08/05 01:50	PPM	96-12-8		
Dibromochloromethane	ND	ug/l	25.	11/08/05 01:50	PPM	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	25.	11/08/05 01:50	PPM	106-93-4		
Dibromomethane	ND	ug/l	25.	11/08/05 01:50	PPM	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	25.	11/08/05 01:50	PPM	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	25.	11/08/05 01:50	PPM	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	25.	11/08/05 01:50	PPM	106-46-7		
Dichlorodifluoromethane	ND	ug/l	25.	11/08/05 01:50	PPM	75-71-8		
1,1-Dichloroethane	ND	ug/l	25.	11/08/05 01:50	PPM	75-34-3		
1,2-Dichloroethane	ND	ug/l	25.	11/08/05 01:50	PPM	107-06-2		
1,1-Dichloroethene	ND	ug/l	25.	11/08/05 01:50	PPM	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	25.	11/08/05 01:50	PPM	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	25.	11/08/05 01:50	PPM	156-60-5		
1,2-Dichloropropane	ND	ug/l	25.	11/08/05 01:50	PPM	78-87-5		
1,3-Dichloropropane	ND	ug/l	25.	11/08/05 01:50	PPM	142-28-9		
2,2-Dichloropropane	ND	ug/l	25.	11/08/05 01:50	PPM	594-20-7		
1,1-Dichloropropene	ND	ug/l	25.	11/08/05 01:50	PPM	563-58-6		
cis-1,3-Dichloropropene	ND	ug/l	25.	11/08/05 01:50	PPM	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	25.	11/08/05 01:50	PPM	10061-02-6		
Diisopropyl ether	ND	ug/l	25.	11/08/05 01:50	PPM	108-20-3		
Ethylbenzene	ND	ug/l	25.	11/08/05 01:50	PPM	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/l	50.	11/08/05 01:50	PPM	87-68-3		
Isopropylbenzene (Cumene)	140	ug/l	25.	11/08/05 01:50	PPM	98-82-8		
p-Isopropyltoluene	ND	ug/l	25.	11/08/05 01:50	PPM	99-87-6		
Methylene chloride	ND	ug/l	50.	11/08/05 01:50	PPM	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	25.	11/08/05 01:50	PPM	1634-04-4		
Naphthalene	490	ug/l	50.	11/08/05 01:50	PPM	91-20-3		

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FI NFI AP E87627





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: 926278557 Project Sample Number: 92106389-027 Date Collected: 10/28/05 14:00
 Client Sample ID: SB-42 GW Matrix: Water Date Received: 10/28/05 17:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
n-Propylbenzene	170	ug/l	25.	11/08/05 01:50	PPM	103-65-1		
Styrene	ND	ug/l	25.	11/08/05 01:50	PPM	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	25.	11/08/05 01:50	PPM	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	25.	11/08/05 01:50	PPM	79-34-5		
Tetrachloroethene	ND	ug/l	25.	11/08/05 01:50	PPM	127-18-4		
Toluene	ND	ug/l	25.	11/08/05 01:50	PPM	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	50.	11/08/05 01:50	PPM	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	50.	11/08/05 01:50	PPM	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	25.	11/08/05 01:50	PPM	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	25.	11/08/05 01:50	PPM	79-00-5		
Trichloroethene	ND	ug/l	25.	11/08/05 01:50	PPM	79-01-6		
Trichlorofluoromethane	ND	ug/l	25.	11/08/05 01:50	PPM	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	25.	11/08/05 01:50	PPM	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	25.	11/08/05 01:50	PPM	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	25.	11/08/05 01:50	PPM	108-67-8		
Vinyl chloride	ND	ug/l	25.	11/08/05 01:50	PPM	75-01-4		
Xylene (Total)	ND	ug/l	1.0	11/08/05 01:50	PPM	1330-20-7		
m&p-Xylene	ND	ug/l	25.	11/08/05 01:50	PPM			
o-Xylene	ND	ug/l	25.	11/08/05 01:50	PPM	95-47-6		
1-Chloro-3-fluorobenzene (S)	126	%		11/08/05 01:50	PPM	625-98-9		

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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] The surrogate recoveries were outside the QC acceptance limits. The sample was re-extracted outside of the holding time and the surrogate recoveries were within limits. The results of both extractions were similar.
[2] Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of the two remaining acid surrogates.
[3] Common laboratory contaminant.
[4] Low surrogate recovery was confirmed as a matrix effect by a second analysis.

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QUALITY CONTROL DATA

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

QC Batch: 141733 Analysis Method: EPA 8021
 QC Batch Method: EPA 8021 Analysis Description: Halogen. & Aromatic Vol. Orgs.
 Associated Lab Samples: 926278540 926278557 926278565

METHOD BLANK: 926296948
 Associated Lab Samples: 926278540 926278557 926278565

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	

Date: 11/14/05

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 FL NELAP E87627



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

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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SC 99006
FI NFI AP F87628



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

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

METHOD BLANK: 926304270
Associated Lab Samples: 926278540 926278557 926278565

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)	%	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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NC Drinking Water 37706
SC 99006
FI NFI AP F87627

QUALITY CONTROL DATA

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

LABORATORY CONTROL SAMPLE: 926197138

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
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	

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

QUALITY CONTROL DATA

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

LABORATORY CONTROL SAMPLE: 926197138

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
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

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acenaphthene	ug/l	50.00	31.73	64	
Acenaphthylene	ug/l	50.00	31.74	64	
Anthracene	ug/l	50.00	35.16	70	
Benidine	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	

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SC 99006
FI NFI AP FR7627

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	

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NC Drinking Water 37706
SC 99006
FL NELAP E87627

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



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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NC Drinking Water 37706
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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		
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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Pace Analytical Services, Inc.
 9800 Kinsey 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

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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NC Drinking Water 37706
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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

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
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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FI NFI AP F87627

QUALITY CONTROL DATA

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926309444 926309451

Parameter	Units	926278359	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
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	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	

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REPORT OF LABORATORY ANALYSIS

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SC Environmental 99030
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NC Wastewater 12
NC Drinking Water 37706
SC 99006
FI NFI DP FR7627



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

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)	%	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	Reporting	Footnotes
		Result	Limit	
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	
Benzy 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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SC 99006
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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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 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: 926290180

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

<u>Parameter</u>	<u>Units</u>	Blank	Reporting	<u>Footnotes</u>
		<u>Result</u>	<u>Limit</u>	
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: 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	
1,1,1,2,2-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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REPORT OF LABORATORY ANALYSIS

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Charlotte Certification IDs

NC Wastewater 12
NC Drinking Water 37706
SC 99006
FI NFI DP ER7627



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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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FI NFI ΔP F87627

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	
1,1,1,2,2-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		

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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REPORT OF LABORATORY ANALYSIS

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Charlotte Certification IDs

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



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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Charlotte Certification IDs

NC Wastewater 12
NC Drinking Water 37706
SC 99006
FI NFI DP FR7627



QUALITY CONTROL DATA

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

LABORATORY CONTROL SAMPLE: 926290214

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
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	
1,1,1,2,2-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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Pace Analytical Services, Inc.
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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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 NC Drinking Water 37706
 SC 99006
 FI NFI AP FR7627

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	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	
1,1,1,2-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: 926293085
Associated Lab Samples: 926278524 926278532

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Toluene-d8 (S)	%	103		
4-Bromofluorobenzene (S)	%	96		
Dibromofluoromethane (S)	%	113		
1,2-Dichloroethane-d4 (S)	%	108		

LABORATORY CONTROL SAMPLE: 926293093

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
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	

REPORT OF LABORATORY ANALYSIS

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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	

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
FI NFI AP F8764R



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

QUALITY CONTROL DATA

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

LABORATORY CONTROL SAMPLE: 926293093

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Vinyl chloride	ug/kg	50.00	49.69	99	
Xylene (Total)	ug/kg	150.00	149.5	100	
m&p-Xylene	ug/kg	100.00	97.85	98	
o-Xylene	ug/kg	50.00	51.65	103	
Toluene-d8 (S)				100	
4-Bromofluorobenzene (S)				99	
Dibromofluoromethane (S)				105	
1,2-Dichloroethane-d4 (S)				101	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

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

QC Batch: 141334 Analysis Method: EPA 200.7
 QC Batch Method: SM 3030C Analysis Description: 3030C Metals, ICP, Trace
 Associated Lab Samples: 926278540 926278557 926278565

METHOD BLANK: 926279068
 Associated Lab Samples: 926278540 926278557 926278565

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

LABORATORY CONTROL SAMPLE: 926279076

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Chromium, 3030C	mg/l	0.5000	0.5080	102	
Lead, 3030C	mg/l	0.5000	0.5120	102	

MATRIX SPIKE: 926279084

Parameter	Units	926276932	Spike	MS	MS	Footnotes
		Result	Conc.	Result	% Rec	
Chromium, 3030C	mg/l	0.00397	0.5000	0.5020	100	
Lead, 3030C	mg/l	0.00303	0.5000	0.5070	101	

SAMPLE DUPLICATE: 926279092

Parameter	Units	926276940	DUP	RPD	Footnotes
		Result	Result		
Chromium, 3030C	mg/l	ND	ND	NC	
Lead, 3030C	mg/l	ND	ND	NC	

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 Phone: 704.875.9092
 Fax: 704.875.9091

QUALITY CONTROL DATA

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

QC Batch: 141426
 QC Batch Method: EPA 3050
 Associated Lab Samples: 926278292 926278300 926278318 926278326 926278334
 926278342 926278359 926278367 926278375 926278383
 926278391 926278409

Analysis Method: EPA 6010

Analysis Description: Metals, Trace ICP

METHOD BLANK: 926281858
 Associated Lab Samples: 926278292 926278300 926278318 926278326 926278334 926278342 926278359
 926278367 926278375 926278383 926278391 926278409

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

LABORATORY CONTROL SAMPLE: 926281866

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Chromium	mg/kg	50.00	51.90	104	
Lead	mg/kg	50.00	51.10	102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926281874 926281882

Parameter	Units	926275272	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Chromium	mg/kg	3.780	51.02	54.59	51.67	100	98	6	
Lead	mg/kg	1.440	51.02	51.94	49.31	99	98	5	

SAMPLE DUPLICATE: 926281890

Parameter	Units	926275280	DUP	RPD	Footnotes
		Result	Result		
Chromium	ug/g	13.40	7.880	52	3
Lead	ug/g	2.080	1.230	51	3

REPORT OF LABORATORY ANALYSIS

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 SC 99006
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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: 92106389
 Client Project ID: Multi Modal/WBS#32179

QC Batch: 141502	Analysis Method: EPA 6010				
QC Batch Method: EPA 3050	Analysis Description: Metals, Trace ICP				
Associated Lab Samples:	926278417	926278425	926278433	926278441	926278458
	926278466	926278474	926278482	926278490	926278508
	926278516	926278532			

METHOD BLANK: 926284001							
Associated Lab Samples:	926278417	926278425	926278433	926278441	926278458	926278466	926278474
	926278482	926278490	926278508	926278516	926278532		

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

LABORATORY CONTROL SAMPLE: 926284019

Parameter	Units	Spike			Footnotes
		Conc.	LCS Result	LCS % Rec	
Chromium	mg/kg	50.00	48.70	97	
Lead	mg/kg	50.00	48.30	97	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 926284027 926284035

Parameter	Units	926278417		Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
		Result	Conc.							
Chromium	mg/kg	25.05	68.54	68.54	85.20	83.99	88	88	1	
Lead	mg/kg	19.79	68.54	68.54	76.87	74.45	83	81	3	

REPORT OF LABORATORY ANALYSIS

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 SC 99006
 FI NFI AP F87627





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

QC Batch: 141371 Analysis Method: % Moisture
QC Batch Method: Analysis Description: Percent Moisture
Associated Lab Samples: 926278292

SAMPLE DUPLICATE: 926280330

Table with 6 columns: Parameter, Units, 926277997 Result, DUP Result, RPD, Footnotes. Row 1: Percent Moisture, %, 18.00, 18.00, 0

REPORT OF LABORATORY ANALYSIS

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SC 99006
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 9800 Kincey Avenue, Suite 100
 Huntersville, NC 28078
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 Fax: 704.875.9091

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	

REPORT OF LABORATORY ANALYSIS

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 NC Drinking Water 37712
 SC Environmental 99030
 FL NELAP F87648



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

QUALITY CONTROL DATA

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

QC Batch: 141380	Analysis Method: % Moisture
QC Batch Method:	Analysis Description: Percent Moisture
Associated Lab Samples:	926278508 926278516 926278524 926278532

SAMPLE DUPLICATE: 926280470

<u>Parameter</u>	<u>Units</u>	926274564 <u>Result</u>	DUP <u>Result</u>	<u>RPD</u>	<u>Footnotes</u>
Percent Moisture	%	31.40	28.60	10	

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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

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.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services - Charlotte

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

Required Client Information: Section A
Company: GENERAL ENGINEERING INC
Address: PO BOX 14262
RTP, NC 27709
Phone: 919 594-4755
Fax: 919 594-4755

Required Client Information: Section B
Report To: LORI HAMBURG
Copy To:
Invoice To: AECOT
Project Name: WBS EMPMT No. 32179
Project Number: Multi Modal / Rail Station A
Project Number: WBS EMPMT No. 32179

Client Information (Check quote/contract):
Requested Due Date: *TAT 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.

To Be Completed by Pace Analytical and Client
Quote Reference:
Project Manager:
Project #:
Profile #:

Requested Analysis:
Remarks / Lab ID

ITEM #	SAMPLE ID One character per box. (A-Z, 0-9, /, -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes GROUND WATER SURFACE WATER WASTE WATER PRODUCT SOIL OIL WIPE AIR OTHER	CODE GW SW WW P SL OL WP AR OT	MATRIX CODE G-GRAB C-COMP S-SAMPLE TYPE	COLLECTED		SAMPLE TEMP AT COLLECTION	Preservatives						Remarks / Lab ID		
					START DATE TIME	END DATE TIME		Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3		Methanol	Other
1	SB-38-12FT			SLG	10/28	9:50										8417
2	SB-31-45FT			SLG	10/28	4:55										8425
3	SB-30-8FT			SLG	10/28	10:15										8483
4	SB-43-8FT			SLG	10/28	10:50										8441
5	SB-12-12FT			SLG	10/28	11:50										8483
6	SB-33-8FT			SLG	10/28	12:00										8460
7	SB-31-15FT			SLG	10/28	12:45										8474
8	SB-40-12FT			SLG	10/28	13:00										8482
9	SB-31-8FT			SLG	10/28	13:30										8490
10	SB-45-12FT			SLG	10/28	13:45										8483
11	SB-32-15FT			SLG	10/28	14:00										8516
12	SB-35-12FT			SLG	10/28	14:25										8524

REGULATORY AGENCY	REGULATORY AGENCY	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
<input checked="" type="checkbox"/> RCRA	<input type="checkbox"/> GROUND WATER					
<input type="checkbox"/> NPDES	<input type="checkbox"/> DRINKING WATER					
<input type="checkbox"/> Other	<input type="checkbox"/> Other					

SAMPLE NOTES
Temp in °C: 40
Received on Ice: Y/N
Sealed Cooler: Y/N
Samples Intact: Y/N
Additional Comments:

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: LORI HAMBURG
SIGNATURE OF SAMPLER: [Signature]
DATE Signed: (MM/DD/YY) 10/28/05

SEE REVERSE SIDE FOR INSTRUCTIONS



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

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA Other _____

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

Section A
 Required Client Information:
 Company: Chemical Engineering Inc DOT
 Address: PO BOX 11122
 RT, NC 27609
 Email To: ckillingsworth@chemeng.com
 Phone: 844-1100 Fax: _____

Section B
 Required Project Information:
 Report To: Mike Hancock
 Copy To: _____
 Purchase Order No.: 6255 30199
 Project Name: _____

Section C
 Invoice Information:
 Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote Reference: _____
 Pace Project Manager: _____
 Pace Profile #: _____

Section D Required Client Information
SAMPLE ID
 One Character per box.
 (A-Z, 0-9, /, -)
 Samples IDs MUST BE UNIQUE

ITEM #	Valid Matrix Codes	MATRIX CODE	SAMPLE TYPE	COLLECTED		# OF CONTAINERS	Preservatives	Filtered (Y/N)	Requested Analysis:	Residual Chlorine (Y/N)	Pace Project Number	Lab I.D.
				DATE	TIME							
1	DRINKING WATER	WT	G-RAB C-COMP	6/11/28	13:30	5	Unpreserved	X	THAT'S FOR THE	X	926774540	
2	DRINKING WATER	WT	G-RAB C-COMP	6/11/28	14:00	5	Unpreserved	X	THAT'S FOR THE	X	926774540	
3	DRINKING WATER	WT	G-RAB C-COMP	6/11/28	15:30	5	Unpreserved	X	THAT'S FOR THE	X	926774540	
4	DRINKING WATER	WT	G-RAB C-COMP	6/11/28	15:45	5	Unpreserved	X	THAT'S FOR THE	X	926774540	
5												
6												
7												
8												
9												
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RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION
<u>[Signature]</u>	<u>10/28/05</u>	<u>17:30</u>	<u>[Signature]</u>	<u>10/28/05</u>	<u>16:05</u>	Y/N Y/N Y/N Y/N Y/N Y/N
<u>[Signature]</u>	<u>10/28/05</u>	<u>17:30</u>	<u>[Signature]</u>	<u>10/28/05</u>	<u>16:05</u>	Y/N Y/N Y/N Y/N Y/N Y/N

Additional Comments:
 TO: MURDER KILLING

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: [Signature]
 SIGNATURE of SAMPLER: [Signature]

DATE Signed (MM/DD/YYYY): 10/28/05