REMEDIAL INVESTIGATION REPORT
2501, 2503, 2505, 2507 AND 2509 WRIGHTSVILLE AVENUE
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA
SITE ID NO. NONCD0002799

ECS PROJECT NO. 22-13842E

PREPARED FOR

INVESTORS TRUST MUTUAL
121 NORTH COLUMBIA STREET
CHAPEL HILL, NORTH CAROLINA 27514

March 19, 2012

ECS CAROLINAS, LLP
"Setting the Standard for Service"
Geotechnical • Construction Materials • Environmental • Facilities
NC Registered Engineering Firm F-1078

March 19, 2012

Mr. Stephen Pike
Investors Trust Mutual
121 North Columbia Street
Chapel Hill, North Carolina 27514

Reference: Remedial Investigation Report
2501, 2503, 2505, 2507 and 2509 Wrightsville Avenue
Wilmington, New Hanover County, North Carolina
Site ID No. NONCD0002799
ECS Project 22-13842E

Dear Mr. Pike:

ECS Carolinas, LLP (ECS) is pleased to provide the Remedial Investigation Report for the above referenced site. Included in this Remedial Investigation Report is a description of the field activities and procedures performed, as outlined in the Remedial Investigation Work Plans. As required, this document has been certified by the Responsible Party and Registered Site Manager. These certificates are provided in the cover of the document and as Appendix A.

ECS appreciates this opportunity to provide our services to you on this project. If you have any questions concerning this report or this project, please contact us at (910) 686-9114.

Sincerely,

ECS CAROLINAS, LLP

Rudy A. Smithwick, P.G.
Senior Geologist

John Stewart, P.G., R.S.M.
Principal Geologist

NORTH CAROLINA LICENSED SEAL 1946 GEOLOGIST JOHN M. STEWART
3/28/2012

cc: Mr. Janet McDonald – NCDENR, REC Program

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1.0 SITE HISTORY

The site is presently a vacant parcel of land with a physical address of 2501, 2503, 2505, 2507 and 2509 Wrightsville Avenue in Wilmington, New Hanover County, North Carolina (Figures 1 and 2). ECS prepared a Phase I Environmental Site Assessment (ESA) of the subject site on March 31, 2008. Based on the historical review, the site has been occupied by a commercial building and a residential structure since at least 1946. In 1945, the site was occupied only by residential structures. The commercial building at the site was reportedly operated as a grocery store until the mid 1950s, at which time, the building burned down and a new commercial building and a small building were constructed. The building was divided into at least three suites, which werer used as a Laundromat, office, and food grill from the 1960s though the 1990s, after which the building appeared to have been vacant. No information was availbale in the public record review that would identify or suggest that a dry cleaning operation was conducted in conjunction with the Laundromat. The listings for the building also included general office space from the 1970s through the 1990s.

On March 14, 2008 the owner of the property retained Mr. Jeff Macellaro with United Excavations to demolish the former building occupying the site at that time. ECS was contacted by Mr. Macellaro to assist by collecting soil samples in an area of the site where solvent odors were noted during the time he was conducting excavation activities on the site. Mr. Macellaro excavated approximately ten test pits to locate and un-earth the area in the vicinity of where the solvent odors were noticed. During the excavation activities, rusted metal containers and machine parts were encountered within the former building foot print. ECS considered this debris to be a recognized environmental condition (REC) of the site. Additionally, a charred black organic ash layer containing fragments of a coal-like material was encountered approximately two to three feet below ground surface (bgs) in the area of the demolished building. As the test pits were being excavated, ECS performed field screening of the soil for organic vapors using a photoionization detector (PID). During the qualitative screening of soils, readings collected did not indicate organic vapor concentrations above ambient background levels. Additionally, ECS did not observe or encounter areas of soil staining nor noticeable odors aside from the organic layer mentioned above. Therefore, to assess soil in the test pit locations, a composite soil sample was collected from sub-set samples collected from multiple test pit locations. The soil sample was analyzed for volatile and semi-volatile organic compounds (VOCs and SVOCs) using EPA Methods 8260 and 8270, respectively. The results of the analysis identified concentrations of SVOCs in the composite sample which exceeded the representative North Carolina risk-based soil-to-groundwater maximum soil contaminant concentration (MSCC).

ECS has prepared this Remedial Investigation Report in order to satisfy the requirements of the REC Program. Project information is based on conversations between Mr. Kim Caulk, Janet McDonald, Hannah Assef with the NCDENR, REC Program, Mr. Stephen Pike with Investors Trust Company, Mr. John Stewart, Mr. Rudy Smithwick and Ms. Amy Conchas with ECS.

2.0 METHOD OF INVESTIGATION

2.1 Investigation Narrative

2.1.1 Phase I Remedial Investigation

The Phase I Remedial Investigation included advancement of seven soil borings (S-1 through S-7) in various locations on the property to attempt to locate the general area of impact to site soils and groundwater. Prior to conducting the soil borings, ECS contacted a public utility locator to identify underground utilities on the site. The boring locations were then drilled in areas free of underground utilities. On March 24, 2009, ECS met Subsurface Environmental Investigations, LLC (SEI), a North Carolina certified well driller, at the site. SEI drilled the soil borings using a track-mounted Geoprobe rig.

2.1.2 Phase II Remedial Investigation

The Phase II Remedial Investigation was an expanded effort of the Phase I Remedial Investigation and included advancing six additional soil borings (S-8 through S-13). These boring were proposed to attempt to define the area of soil impact. The borings were advanced in an area free of underground utilities. On November 23, 2009, ECS was assisted by SEI who drilled the borings using a track-mounted Geoprobe.

After completing the above phase of work, ECS prepared a Phase II Remedial Investigation Work Plan Addendum which proposed nine additional soil borings (S-14 through S-23) to define the area of soil impacts. On February 23, 2010, ECS personnel were met on-site with SEI, who drilled the soil borings using a Geoprobe rig.

From the above described field work, ECS prepared a Phase II Remedial Investigation Work Plan Second Addendum which proposed using geophysical survey methods to investigate potential subsurface sources of contamination. On October 25, 2010, ECS contracted GeoSolutions Inc. to conduct a ground penetrating radar (GPR) and electromagnetic (EM) survey to assess subsurface conditions of the site. To supllement the geophysical survey, ECS advanced an additional ten soil borings (S-23 through S-32) to attempt to define the areas of soil impact. On November 19, 2010, SEI drilled the soil borings using a Geoprobe rig.

The borings were all surveyed and horizontally located by a North Carolina licensed surveyor, Michael Underwood & Associates, RLS. A copy of the sample location map is included as Figure 3.

2.2 Soil Boring Installation and Soil Sample Collection

2.2.1 Phase I Remedial Investigation

On March 24, 2009, soil borings S-1 through S-6 were drilled at the site using a Geoprobe by SEI. Due to dense vegetation limiting site access by the rig, soil boring S-7 was installed using a hand auger. The auger equipment and drill rods was decontaminated prior to conducting each boring using a commercial steam cleaner and an Alquinox solution. Soil borings S-1 through S-

6 were advanced to a depth of 10 feet below ground surface (bgs). Soil boring S-7 was advanced to a depth of eight feet BGS. Soil samples were collected continuously from the ground surface to the termination depth of each boring. The soil samples were removed from the clear acetate sleeve of the Geoprobe rod and placed directly in a new polyethylene gallon-size bags, in one foot increments. The soil samples were classified in the field using visual soil classification methods and were also measured for relative levels of volatile organic vapors using a Flame Ionization Detector (FID) or Photo Ionization Detector (PID). The soil sample from each boring collected above the static water table exhibiting the highest reading on the FID/PID or located directly below the aforementioned ash layer was containerized for laboratory analysis. Based on the field observations and FID/PID readings, one soil sample from each boring was collected from the plastic bag indicating the greatest potential for contamination. One duplicate soil sample was collected from sample S-5 for quality control/assurance purposes. Copies of the boring logs are included in Appendix A.

Each soil sample was placed in laboratory prepared glassware containers. Each container was labeled with the project name, sample location, presence or absence of preservative, and the date and time the samples were collected. The sample containers were placed in a cooler containing ice to maintain the samples at approximately 4° Celsius. The samples were shipped via overnight express delivery to Environmental Conservation Laboratories, Inc. (ENCO) a State of North Carolina-certified laboratory in Cary, North Carolina for chemical analysis. A Chain of Custody Record was maintained with the samples to assure sample quality was not compromised during conveyance to the laboratory. Soil samples were analyzed for volatile organic compounds (VOCs) using EPA Method 8260, semi-volatile organic compounds (SVOCs) using EPA Method 8270 plus 10 tentatively identified contaminants (TICs) and 13 Priority Pollutant (PP) Metals using EPA Method 6010 and 7470.

Following soil sampling activities, the open boreholes including S-1, S-3, S-4 and S-7 were backfilled to the ground surface with hydrated bentonite pellets. Excess soil cuttings were placed on a layer of polyethylene sheeting and wrapped and left by the borehole pending sample analysis results. Based on the analytical results, which are discussed below in Section 4.0 – Investigation Results, laboratory analysis did not identify concentrations of chemicals of concern (COC) in the soils samples; except S-2 in which benzo[a]pyrene exceeded the Protection of Groundwater Soil Remediation Goals. Therefore, the soil cuttings from the soil borings, except S-2, were left on-site. Soil cuttings from soil boring S-2 were wrapped in poly sheeting and placed within the 55-gallon sealed metal drum pending disposal as a non-hazardous waste.

2.2.2 Phase II Remedial Investigation

Soil borings S-8 through S-13 were drilled on March 24, 2010 by SEI using a Geoprobe® rig. The down-hole sampling equipment was decontaminated prior to conducting each boring using a steam cleaner and an Alquinox solution. The soil borings were advanced to a depth of approximately 10 feet bgs. Soil samples were collected continuously from the ground surface to the termination depth of each boring. The soil samples were removed from the acetate sleeves of the Geoprobe rod and placed directly in a new plastic gallon-size bag, in one-foot increments. The soil samples were classified in the field and screened for relative levels of volatile organic vapors using a PID. Based on the field observations and PID readings, two soil samples from

each boring were collected from the plastic bag indicating the greatest potential for contamination. One duplicate soil sample was collected from during each sampling event for quality control/assurance purposes. The duplicate sample was collected from sample S-9 depth 3 to 5 feet below grade. Copies of the boring logs are included in Appendix A.

On February 23, 2010, soil borings S-14 through S-22 were drilleded using a Geoprobe® by SEI. The down-hole equipment was decontaminated prior to conducting each boring using a steam cleaner and an Alquinox solution. The soil borings were advanced to a depth of approximately 10 feet bgs. Soil samples were collected continuously from the ground surface to the termination depth of each boring. The soil samples were removed from the acetate sleeve of the Geoprobe rod and placed directly in a new plastic gallon-size bag, in one foot increments. The soil samples were classified in the field and screened for relative levels of volatile organic vapors using a PID. Based on the field observations and PID readings, two soil samples from each boring were collected from the plastic bag indicating the greatest potential for contamination. One duplicate soil sample was collected from during each sampling event for quality control/assurance purposes. The duplicate sample was collected from sample S-19 depth 2 to 3. Copies of the boring logs are included in Appendix A.

On November 19, 2010, soil borings S-23 through S-32 were drilleded using a Geoprobe® by SEI. The soil borings were advanced to a depth of approximately 8 feet bgs. Soil samples were collected continuously from the ground surface to the termination depth of each boring. The soil samples were removed from the plastic sleeve of the Geoprobe rod and placed directly in a new plastic gallon-size bag, in one foot increments. The soil samples were classified in the field and screened for relative levels of volatile organic vapors using a PID. Based on the field observations and PID readings, two soil samples from each boring was collected from the plastic bag indicating the greatest potential for contamination. One duplicate soil sample was collected from during each sampling event for quality control/assurance purposes. The duplicate samples were collected from sample S-23 depth 5 to 6. Copies of the boring logs are included in Appendix A.

All the soil samples collected above were placed in laboratory prepared containers. Each container was labeled with the project name, sample location, presence or absence of preservative, and the date and time the samples were collected. The sample containers were placed in a cooler containing ice to maintain the samples at approximately 4° Celsius. The samples from borings S-8 through S-22 were shipped via overnight express delivery to ENCO. The soil samples from S-23 through S-32 were shipped to Pace Analytical (Pace), a State of North Carolina certified laboratory in Huntersville, North Carolina. A Chain of Custody Record was maintained and included with the analytical data. The soil samples from borings S-8 through S-32 were and analyzed for VOCs using EPA Method 8260, SVOCs using EPA Method 8270, and 13 Priority Pollutant (PP) metals using EPA Method 6010 and 7471.

Following soil sampling activities, the open boreholes were backfilled to the ground surface with hydrated bentonite pellets. Soil cuttings were placed within the 55-gallon drum pending disposal as a non-hazardous waste.

2.3 Groundwater Monitoring Wells and Groundwater Sample Collection

2.3.1 Phase I Remedial Investigation

Upon completion of soil sampling activities conducted during the Phase I Remedial Investigation, on March 24 2009, SEI advanced borings S-2, S-5 and S-6 to a depth approximately 20 feet below grade which was approximately 10 feet below the water table encountered at that time. The borings were advanced using direct push technology. The soil cuttings were placed in plastic bags and/or wrapped in plastic sheeting and placed beside the borehole. Soils cuttings collected from borings not exhibiting soil contamination were spread on-site. Soil cuttings collected from borings exhibiting soil contamination (S-2) were placed in a 55-gallon metal drum pending proper disposal. One-inch diameter Schedule 40 PVC with slotted screens were installed by SEI and ECS as temporary monitoring well in each boring location. The temporary wells were installed with approximately 10 feet of slotted PVC screen (0.01-inch slot diameter) positioned to intersect the observed water table. The location of the temporary monitoring wells is shown on Figure 3. Copies of the well construction records are included in Appendix B.

Following the installation of the temporary monitoring wells, each well was developed and purged. The wells were purged by evacuating at least three well volumes using a peristaltic pump and a new length of dedicated tubing at each well location. After well purging, each well was allowed to recover at least 50 percent of its volume prior to sample collection. The groundwater samples were placed in laboratory prepared containers for each sample collected. Each container was labeled with the project name, sample location, presence or absence of preservative, and the date and time the samples were collected. The sample containers were placed in a cooler containing ice to maintain the samples at approximately 4° Celsius. The samples were shipped using Fed Ex to ENCO in Cary, North Carolina for chemical analysis for VOCs using EPA Method 8260, SVOCs using EPA Method 8270 plus TICs, and the 13 Priority Pollutant metals using EPA Method 6010 and 7470. A Chain of Custody Record was maintained and included with the analytical data.

Immediately following groundwater sample collection, field measurements for pH, specific conductivity, and temperature were collected at each well using a HANNA meter. The field readings collected are as follows:

Field Measurement	TW-S-2	TW-S-5	TW-S-6
pH (SU)	6.20	6.35	6.26
Specific Conductivity (mS/cm)	0.31	0.55	0.26
Temperature (°C)	19.5	17.4	17.2

SU = Standard Unit mS/cm = milliSiemen/centimeter °C = °Celsius

The top of casing of the temporary wells was surveyed by ECS and from the survey casing measurements and corresponding groundwater elevations, the approximate groundwater flow direction was determined to be toward the north-northwest. This ground water flow data is illustrated on Figure 4. The temporary wells were then removed and the borings backfilled to the ground surface with a hydrated bentonite/grout by SEI and ECS.

2.3.2 Phase II Remedial Investigation

On November 23, 2009, two groundwater monitoring wells were installed near the locations of soil borings S-2 and S-6. The locations are shown on Figure 3. The groundwater monitoring wells were installed by ECS and SEI using hollow stem augers attached to a Geoprobe®. The wells were installed to a depth of 20 feet bgs with 2-inch PVC 0.010 slotted screen installed from a depth of 5 to 20 feet bgs and 2-inch PVC riser installed from a depth of 5 feet to 0 feet bgs. Medium-coarse grained sand pack was installed in the annular space from a depth of 20 feet bgs to 3 feet bgs, followed by one foot layer of bentonite and concrete. The wells were finished with flush mounted well covers. The soil cuttings were placed in a dedicated 55-gallon drum pending disposal. Copies of the well construction records are included in Appendix B.

Following the installation of the monitoring wells, the wells were developed and purged. Prior to purging, the depth to groundwater was measured in the wells from the top of casing. The depth to the water table in wells MW-1 and MW-2 was measured at 6.87 feet and 9.0 feet respectively from the top of casing. The wells were purged prior to sampling by evacuating at least three well volumes using a disposable bailer. The groundwater samples were placed in laboratory prepared containers. The field technician handling the samples used new nitrile gloves during collection of each sample. Each container was labeled with the project name, sample location, presence or absence of preservative, and the date and time the samples were collected. The sample containers were placed in a cooler containing ice to maintain the samples at approximately 4° Celsius. The samples were shipped using Fed Ex to ENCO for chemical analysis SVOCs EPA Method 8270 and the 13 Priority Pollutant metals using EPA Method 6010 and 7470. A Chain of Custody Record was maintained and included with the analytical data. The purged water was placed in a dedicated 55-gallon drum pending disposal.

Following sample collection in November 2009, pH, specific conductivity and temperature were measured in the wells using a HANNA meter. The readings are as followed:

Field Measurement	MW-1	MW-2
Date	11/23/09	11/23/09
pH (SU)	6.62	5.33
Specific Conductivity (mS/cm)	0.30	0.27
Temperature (°C)	22.0	19.6

SU = Standard Unit mS/cm = milliSiemen/centimeter °C = °Celsius

Monitoring wells MW-1 and MW-2 were subsequently sampled on April 8, 2010 and November 19, 2010. Prior to purging, the depth to groundwater was measured in the wells from the top of casing. The depth to the water table in wells MW-1 and MW-2 was measured at 5.70 feet and 7.61 feet respectively from the top of casing on April 8, 2010 and 7.46 feet and 9.39 feet from the top of casing, respectively on November 19, 2010. The wells were purged prior to sampling by evacuating at least three well volumes using a peristaltic pump and disposable tubing during the April 8, 2010 sampling event. On the following sampling event conducted on November 19, 2010, disposal bailers were used for purging and sampling purposes.

Each groundwater sample collected during the above described events were placed in laboratory prepared containers for shipment to the lab. Each container was labeled with the project name, sample location, presence or absence of preservative, and the date and time the samples were collected. The sample containers were placed in a cooler containing ice to maintain the samples at approximately 4° Celsius. The samples from the April 8, 2010 event were shipped using Fed Ex to ENCO and the samples from the November 19, 2010 event were shipped using Fed Ex to Pace. The samples were analyzed for SVOCs EPA Method 8270 and the 13 PP metals using EPA Method 6010 and 7470. A Chain of Custody Record was maintained and included with the analytical data. The purged water was placed in a dedicated 55-gallon drum pending disposal.

Due the fluctuating levels of metals detected in the previous groundwater sampling events, ECS measured the turbidity after purging each well volume and immediately prior to sampling during the November 19, 2010 sampling event. During purging and sampling, the visual appearance of the ground water samples was observed to be less turbid than samples collected during prior sampling events. The turbidity measurements in samplings MW-1 and MW-2 were 17.4 NTU's and 11.7 NTU's respectively. The samples collected on November 19, 2010 were only analyzed for Priority Pollutant Metals.

2.4 Geophysical Investigation

On October 25, 2010, a geophysical investigation was performed to determine if potential active or secondary sources of subsurface contamination existed in the subsurface of the site including drums, tanks, vaults, pits, trenches or conduits that could convey target contaminants. The geophysical investigation was performed by GeoSolutions and included using electromagnetic (EM) survey methods coupled with ground penetrating radar (GPR) across the site. The EM survey consisted of collecting data utilizing a Geophex Model GEM-2. The location of the data points was obtained using a global positioning survey system (GPS) with sub meter accuracy. The GPR survey was focused on portions of the site where anomalous EM results indicate potential USTs or buried debris. Because the site is located within the coastal plain region of North Carolina, the soils indigenous to the area can contain high concentrations of clay minerals which can hamper the depth of detection by the ground penetrating radar unit. Signals from depths down to seven feet below grade were obtained by utilizing low-frequency (200 MHz) GPR and mid-frequency 500 MHz antennas. A copy of the Geophysical Investigation Report is included in Appendix C.

2.5 Quality Assurance/ Quality Control

Quality assurance and quality control (QA/QC) measures were followed according to Appendix A of the REC Program Implementation Guidance. One duplicate sample was collected during each sampling event from each sample medium. The duplicate samples were analyzed for VOCs using EPA Method 8260, SVOCs using EPA Method 8270 and the 13 Priority Pollutant Metals using EPA Method 6010 and 7470. The duplicate groundwater samples collected in April 2010 were not analyzed for VOCs and the duplicate groundwater samples collected in November 2010 were only analyzed for metals.

During the course of the investigation, ten soil samples were collected to determine the background concentrations of metals in the soil. Because the size of the property is relatively small, the sample locations were selected as far from the center of the property where the suspected source area is located, along the perimeter of the site. The samples selected for background metal analysis included S-5, S-6, S-7, S-23, S-24, S-25, S-28, S-29, and S-30. Each sample was analyzed for Priority Pollutants metals. The boring locations are shown on Figure 3.

2.6 Disposal of Investigation-Derived Wastes (IDW)

IDW generated during this site investigation was containerized and stored on-site pending laboratory analysis. Purge water, development water, and groundwater generated during site activities was placed in NCDOT 55-gallon steel drums for disposal. Soil cuttings were placed within a separate 55-gallon drum pending disposal as a non-hazardous material.

3.0 SITE DRAINAGE, GEOLOGY, AND HYDROGEOLOGY

3.1 Regional Geology and Hydrogeology

As determined from the USGS Topographic Map, Wilmington, North Carolina Quadrangle (Figure 1), the site lies at an approximate elevation of 31 feet above mean sea level. The site is relatively flat and as such, surface water runoff from the site generally sheet flows from higher areas of relief to lower areas. The area surrounding the site slopes to the west-southwest towards an unnamed tributary of Burnt Mill Creek. The unnamed tributary is located approximately 1,500 feet west of the site. Another drainage ditch discharging to the tributary is located approximately 500 feet southwest of the site. A dry drainage ditch is located on the northeastern quadrant of the site. This drainage feature likely flows to the north towards Burnt Mill Creek which is located approximately 1,650 feet north of the site.

The site is located in the Coastal Plain Physiographic Province. The Coastal Plain is composed of seven marine Pliocene terraces each representing former marine scarps formed by series of sea level rises and subsequent sea level recession events of the Atlantic Ocean. Soils in this area generally consist of marine deposited sediments including variations of silts, sands, and clay strata. These sediment deposits generally strike in a northeast-southwest trend and dip moderately to the east. The sediment bedding varies in thickness from a thin veneer along the western edge of the region to nearly 2,000 feet in thickness along the coast. The sedimentary deposits of the Coastal Plain rest upon crystalline metamorphic basement rock which also exist in

the Piedmont and the Blue Ridge Physiographic Provinces. Throughout most of the Coastal Plains the unconfined surficial aquifer immediately overlies the more productive confined aquifers including the Castle Hayne Aquifer and Pee Dee Aquifer. The unconfined water table aquifer is comprised of differentiated sediments of varying thicknesses. In the project area, the upper limits of the underlying Castle Hayne Aquifer is at an elevation approximately 40 ft below grade and is immediately overlain by sands, clays, and silts to ground surface. The unconfined water table aquifer serves little to no use as a potable water source in the vicinity of the project site and is generally of a poor quality due to high iron and sulfate concentrations. The Castle Hayne Aquifer serves as one of the primary water sources for potable water in the area in addition to the Northeast Cape Fear River.

3.2 Site Soils

Site soils are described by the United States Department of Agriculture Soil Conservation Service (USDA, SCS) maps as Seagate fine sand (Se), Baymeade fine sand, 1 to 6 percent slopes (Be) and Leon fine sand (Le). Seagate fine sand is located on the majority of the site. This soil type is located on nearly level, broad flats and uplands. This soil type is somewhat poorly drained and has a seasonal high water table at 1.5 to 2.5 feet below ground surface. Baymeade fine sand is located on the west-northwestern quarter of the site. This soil type is located on flats and low ridges on uplands. This soil type is well drained and has a seasonal high water table at depth of more than four feet. Leon fine sand is located on the northern portion of the site. This soil type is found on nearly levels rims on depressions, on smooth flats, on uplands and stream terraces. This soil type is poorly drained and has a seasonal high water table at or near the surface.

Based on the soil collected in the soil borings, the site soils are generally a tan to gray sand to fine sand. A layer of black organic charcoal and fine sand is located in the southern portion of the site at a depth ranging from 3 to 6 feet below ground surface (bgs). Pockets of clayey sand were encountered at a depth of 6 to 8 feet bgs. Copies of the soil boring logs are included in Appendix A and the geologic cross-sections A-A' and B-B' are shown on Figures 5,6, and 7.

3.3 Site Area Flood Potential

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), Community and Panel number 3720312700J, dated April 3, 2006, the site is located in Zone X, which are areas determined to be outside the 0.2% annual chance flood.

3.4 Site Hydrogeology

Soil borings advanced across the site identified the site soils as variable colored fine sand. Groundwater was encountered at an approximate depth of nine to eleven feet bgs. Three temporary monitoring wells were installed on-site in boring locations selected to identify potential groundwater contamination and for use in determining the groundwater flow direction. The top of casing elevation of the temporary monitoring wells were surveyed by ECS and a depth to water from the top of casing was measured using a Solinst water meter. Using the top of casing measurements and the depth to water measurements, the groundwater elevation for the temporary wells were determined. The monitoring well construction information is summarized in Table 1.

Based on the groundwater elevation calculations, the groundwater flow at the site is estimated to be towards the north-northwest (Figure 4).

3.5 Water Supply Information

Research of sources of potable water at the site and within 0.5 miles of the site was conducted by ECS. According to Mr. Tige Brubaker with the City of Wilmington Engineering Department, potable water for the City of Wilmington is obtained from the Cape Fear River in Bladen County, North Carolina. Potable water for New Hanover County is obtained from three water supply wells, which are located in Castle Hayne, Monterey Heights, and Flemington, which are located greater than five miles from the site. A walking and vehicular reconnaissance performed by ECS of the properties within 0.5 miles of the site did not identify water supply wells.

4.0 INVESTIGATION RESULTS

4.1 Geophysical Investigation Results

The geophysical survey conducted on the site was performed by using electromagnetic (EM) and ground penetrating radar (GPR). Using the EM methods, some of the existing sub-grad utilities located at the site and buried debris were identified. The geophysical survey also identified a buried water main leading from Wrightsville Avenue to the adjacent property, American Tire Distributor located north-northwest of the site. The buried water main appears to be in the location of the former entrance road to the American Tire property. The EM survey also identified a sub-grade concrete vault feature located on the southeastern portion of the site. The feature is buried approximately 12 inches below surface and appears to be a septic tank or vault. This feature is located near borings S-3, S-14 and S-22.

The EM survey located another anomalous area of unidentified conductivity suggesting a signature of a buried underground tank. The anomalous area was approximately 4 by 6 feet in size near boring location S-17 and S-18. The area was further assessed using the GPR which did not confirm the presence of a tank. The EM survey did identify two large flat circular features in the vicinity of S-13 and S-20. These features did not appear to be tanks but miscellaneous metal debris.

A copy of the Geophysical Investigation Report is included in Appendix C.

4.2 Soil Sample Results

4.2.1 Phase I Remedial Investigation

Laboratory analysis of the soil samples did not identify VOCs concentrations exceeding either the Protection of Groundwater Soil Remediation Goals (PRG SRG) or the Preliminary Industrial Health-Based Soil Remediation Goals (PHB SRG). Arsenic was detected above the Preliminary Industrial Health-Based SRG and maximum background concentration in sample S-2. The analytical results are summarized on Table 2. The horizontal extent of contamination as arsenic

is shown on Figure 8. The vertical extent of contamination is shown on Figures 9 and 10. Copies of the analytical results are included in Appendix D.

Benzo[a]pyrene, benzo[a]anthracene, and benzo[b]flouranthene were detected in soil sample S-1 Composite and S-2 at concentrations exceeding the Protection of Groundwater Soil Remediation Goals and/or the Preliminary Industrial Health-Based SRGs. The analytical results are summarized on Table 3. The horizontal extent of contamination as benzo[a]pyrene is shown on Figure 11. The vertical extent of contamination is shown on Figures 12 and 13. Copies of the analytical results are included in Appendix D.

4.2.2 Phase II Remedial Investigation

4.2.2.1 Metals

Laboratory analysis of the soil samples identified concentrations of arsenic exceeding the Preliminary Industrial Health-based SRG and the maximum background concentration in samples S8-2-3, S8-6-7, S9-5-6, S11-0-2, S12-2-3, S14-0-1, S15-3-4, S16-0-2, S18-1-2, S19-0-1, S21-4-5, S22-1-2, S22-3-4, S27-3-4, and S27-6-7. Concentrations of arsenic above the IHSB Protection of Groundwater SRG were detected samples S8-2-3, S14-01, S15-3-4, and S27-6-7.

Other metals detected above the either the IHSB Protection of Groundwater SRG or maximum background concentrations were thallium in sample S13-3-4 and S19-0-1; antimony in sample S15-3-4; and lead in samples S14-0-1 and S16-3-4. No other target metals were detected in concentrations exceeding the IHSB SRGs or maximum background concentrations. The analytical results are summarized on Table 2. The horizontal extent of contamination as arsenic is shown on Figure 8. The vertical extent of contamination is shown on Figures 9 and 10. Copies of the analytical results are included in Appendix D.

4.2.2.2 Volatiles and Semi-Volatiles

The laboratory analysis of soil samples did not identify volatile organic compounds above the Preliminary Industrial Health-based or Protection of Groundwater SRG.

4.2.2.3 Poly-aromatic Hydrocarbons (PAHs)

Laboratory analysis for soil samples detected various PAH's in the soil samples collected from the area of the former structure on the south-central portion of the site. These PAH's detected at concentrations exceeding the Preliminary Industrial Health-based and Protection of Groundwater SRGs included napthalene, benzo[a]anthracene, benzo[k]anthracene, benzo[a]pyrene, benzo[b]fluoranthrene, dibenzo(a,h)anthracene, indeno[1,2,3-cd]pyrene, 1 and 2-methylnapthalene. A slightly different suite of PAHs were detected in only sample S-31 and included naphthalene, 1 and 2-methylnapthalene, n-butyl benzene and sec-butyl benzene. The analytical results are summarized on Table 3. The horizontal extent of contamination as benzo[a]pyrene is shown on Figure 11. The vertical extent of contamination is shown on Figures 12 and 13. The horizontal extent of contamination a methylnaphthalene is shown in Figure 14. Copies of the analytical results are included in Appendix D.

4.3 Groundwater Results

4.3.1 Phase I Remedial Investigation

4.3.1.1 Metals

Analysis of groundwater samples collected from TW-S-2, TW-S-5, and TW-S-6 in March 2009 detected arsenic, chromium, lead, and thallium exceeding NCAC, 2L, Groundwater Standards. The analytical results are summarized on Table 4. Copies of the analytical results are included in Appendix D.

4.3.1.2 Volatiles and Semi-Volatiles

Analysis of groundwater samples collected from TW-S-2, TW-S-5, and TW-S-6 in March 2009 did not detect any VOCs above the NCAC, 2L Groundwater Standards or the IHSBs Industrial/Commercial Vapor Intrusion Screening Guidelines.

Bis (2-ethylhexyl) phthalate was detected in the March 2009 sampling event but at a concentration below the NCAC, 2L, Groundwater Standards. The analytical results are summarized on Table 4. Copies of the analytical results are included in Appendix D.

4.3.2 Phase II Remedial Investigation

4.3.2.1 Metals

Analysis of samples collected from MW-1 and MW-2 in the November 2009 and April 2010 detected arsenic, chromium, lead, and thallium at concentrations exceeding the NCAC, 2L Groundwater Standard. The water samples collected during these events were turbid therefore; the elevated metals could be a result of suspended sediment within the groundwater matrix. On November 2010, ECS re-sampled the permanent groundwater wells and purged the wells using low flow sampling techniques, Analysis of the samples did not detect metals concentrations exceeding NCAC, 2L, Groundwater Standards. The analytical results are summarized on Table 4. Copies of the analytical results are included in Appendix D.

4.3.2.2 Volatiles and Semi-Volatiles

Since no VOCs were detected in the March 2009 and SVOCs were not detected in the November 2009 or April 2010 sampling event above detection limits or 2L Standrards, they were not analyzed for in the November 2010 sampling event.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the soil sampling results, the site soils appear to be impacted with PAHs in the location of the former building that existed on the site. The building reportedly burned down in the early 1950s. In this location, site soils have been determined to contain PAH's in

concentrations exceeding the IHSB's Preliminary Industrial Health-based and Protection of Groundwater SRGs. The presence and signature of the PAHs in the location of the former building may be attributable to burned wood, building debris, and residual charred organics subsequently buried onsite and commingled with site soils. Soil borings advanced across the southern portion of the site identified a charred wood, organic-ash layer in variable thicknesses within the soil matrix. It is believed that the black organic layer discovered in site soils is related to the fire and building burning down in the early 1950s.

However, another potential contributing source to the PAH compounds observed in the shallow site soil profile is former petroleum use, storage, and handling that may have occurred at the site during the same timeframe the building operated as a general store. The PAHs detected in soil samples from the site exhibit a similar signature to diesel and kerosene type fuels which may have been used onsite during operation of the general store. No active sources of contamination have been discovered at the site that are contributing to soil impacts related to the PAHs.).

Concentrations of arsenic and several detected above the IHSB's Preliminary Industrial Health-based and Protection of Groundwater SRGs and concentrations of antimony, lead, and thallium above the IHSB's Protection of Groundwater SRGs were detected in soils in the same general location onsite as the PAHs. These metals may also be a result of the fire or other contributing factors during the use of the site as a general store.

Concentrations of arsenic, chromium, lead, and thallium were detected in groundwater samples collected from the temporary monitoring wells and from the initial samples collected from the two permanent monitoring wells at concentrations above the NCAC 2L Groundwater Standards. The samples collected from the temporary wells and from the initial samples collected from the permanent monitoring wells were generally high in sediment. To eliminate the sediment as a possible source of the metals being detected in the groundwater samples, the monitoring wells were resampled using low flow techniques. Analysis of the samples did not detect concentrations of metals exceeding NCAC 2L Groundwater Standards. Therefore, ECS is of the opinion that the metals detected during the previous sampling events were a result of sediment in the samples and not actual elevated concentrations of metals in the groundwater.

Though various SVOCs were detected in the site soils above the Protection of Groundwater SRGs, no PAHs have been detected in the groundwater samples above the NCAC 2L Standards.

In conclusion, ECS recommends that site soils exhibiting concentrations above the IHSB's SRGs be addressed in a Remedial Action Plan. Since, analysis of groundwater samples have not detected VOCs, SVOCs, or metals above 2L Standards, no further action is recommended in regard to groundwater at the site.

6.0 LIMITATIONS

Our evaluation of site conditions and the formulation of the Remedial Investigation Report is based on the most current site and project information and data available or obtained in previous phases of assessment at the site.

FIGURES

Approximate Scale 1 inch =1,100 feet.

Contour Interval = 5 feet

FIGURE 1: SITE LOCATION MAP

Source: USGS, Wilmington, North Carolina Quadrangle 1979.

N

Remedial Investigation Work Plan
2501, 2503, 2507 and 2509
Wrightsville Ave.
Wilmington, North Carolina

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Not To Scale

FIGURE 2: SITE MAP

Source: New Hanover County on-line GIS, 2006 Aerial Photograph

N

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Wilmington, North Carolina

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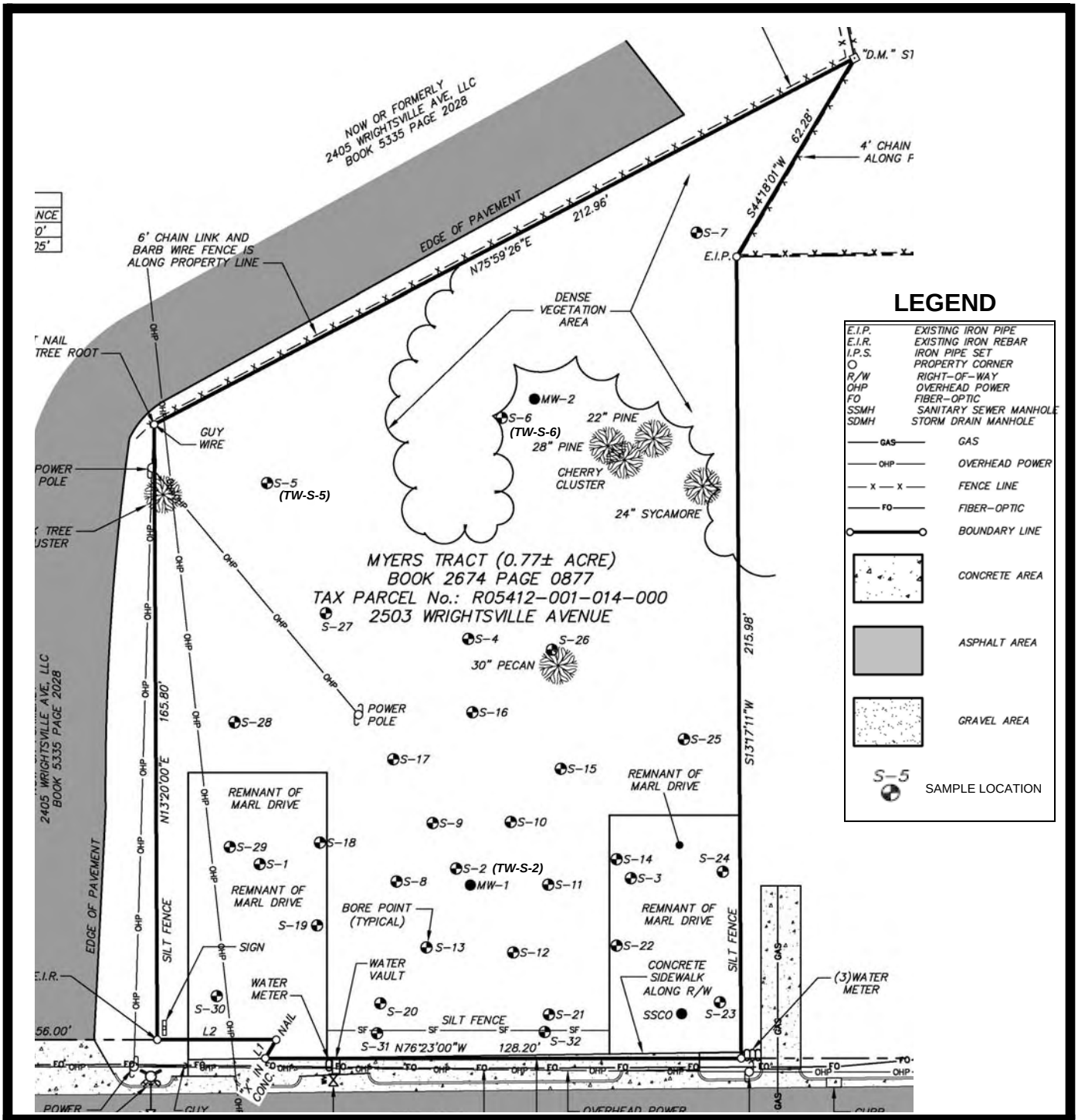
March 2012



Approximate Scale

1 inch = 40 feet

FIGURE 3: SAMPLE LOCATION MAP

Source: Site Survey, January 2008

N

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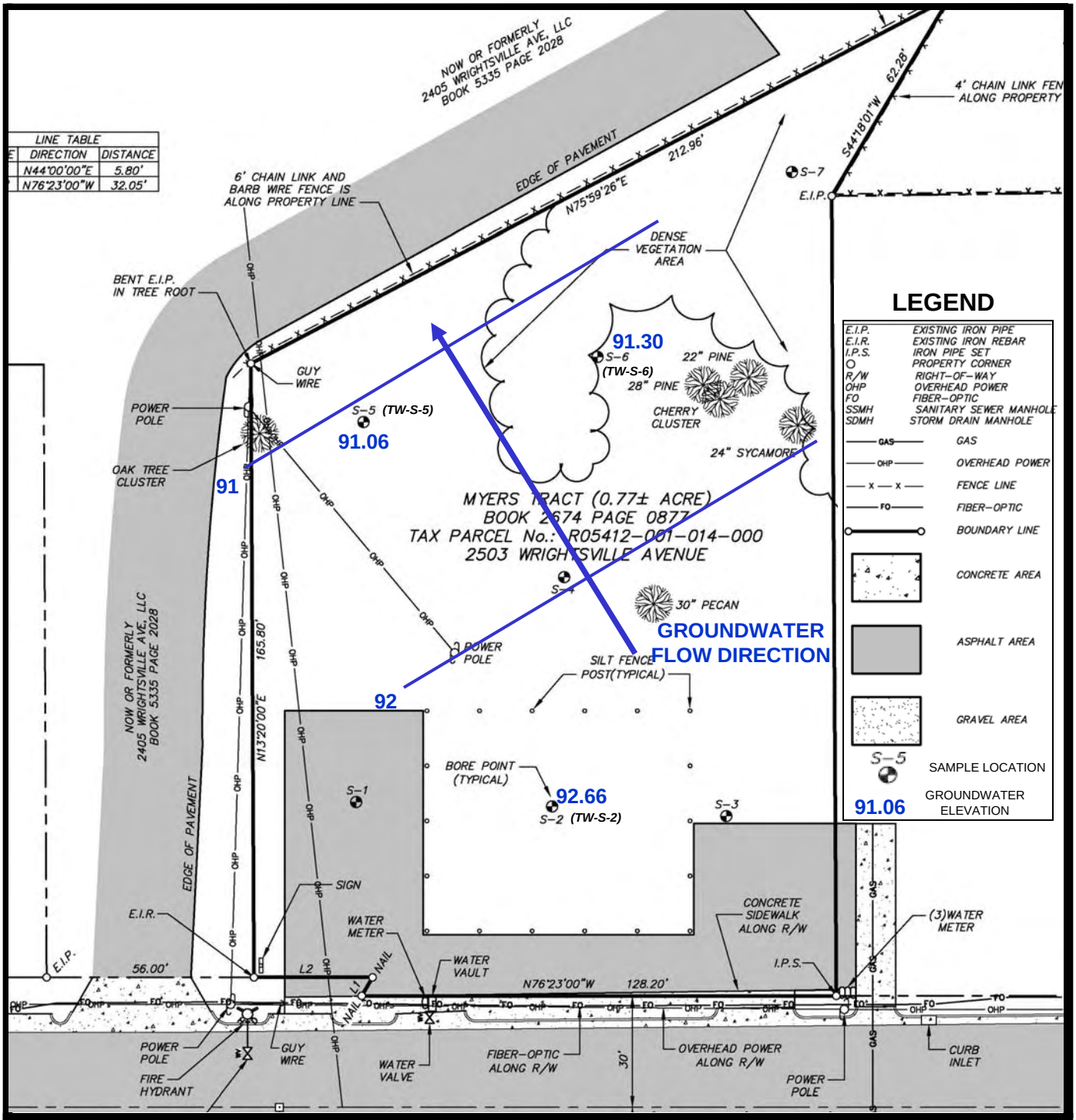
March 2012



Approximate Scale
1 inch = 40 feet

FIGURE 4: GROUNDWATER FLOW DIRECTION MAP

Source: Site Survey, January 2008

N

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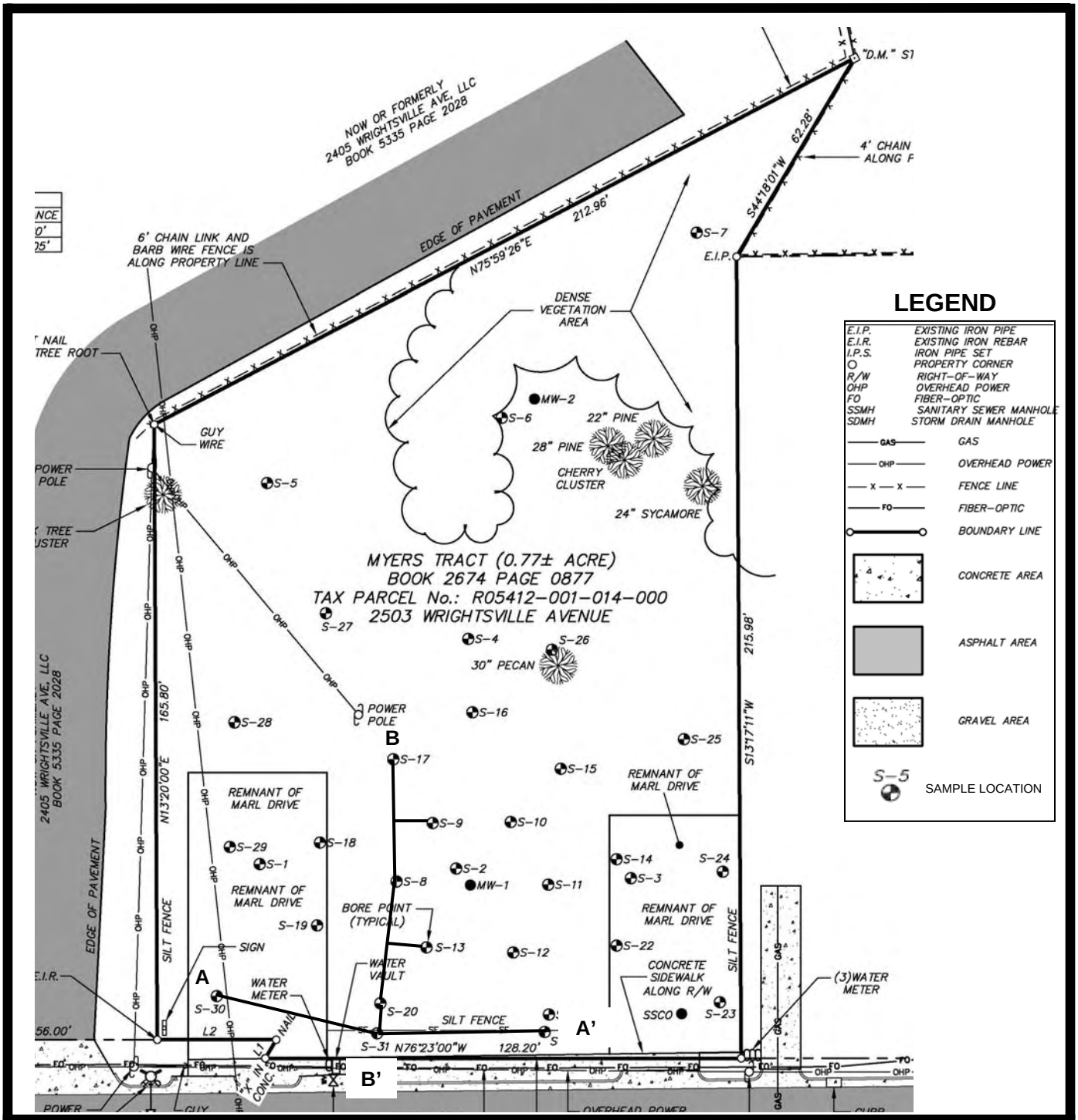

Approximate Scale

1 inch = 40 feet

FIGURE 5: CROSS SECTIONS (A-A' and B-B')

Source: Site Survey, January 2008

N

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2501, 2503, 2507 and 2509
Wrightsville Ave.
Wilmington, North Carolina

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March 2012

SOIL CLASSIFICATION LEGEND

- FILL - FILL (POSS/PROB) OF ALL TYPES.
- GW - WELL GRADED GRAVEL
- GM - SILTY GRAVEL
- GP - POORLY GRADED GRAVEL
- GC - CLAYEY GRAVEL
- SW - WELL GRADED SAND
- ST - SHELBY TUBE
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- CL - LOW PLASTICITY CLAY
- MH - HIGH PLASTICITY SILT
- RC - ROCK CORE
- SM - SILTY SAND
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- SC - CLAYEY SAND
- PM - PRESSURE METER
- CH - HIGH PLASTICITY CLAY
- OH - HIGH PLASTICITY ORGANIC SILTS AND CLAYS
- OL - LOW PLASTICITY ORGANIC SILTS AND CLAY
- PT - PEAT
- WR - WEATHERED ROCK

SURFACE MATERIALS

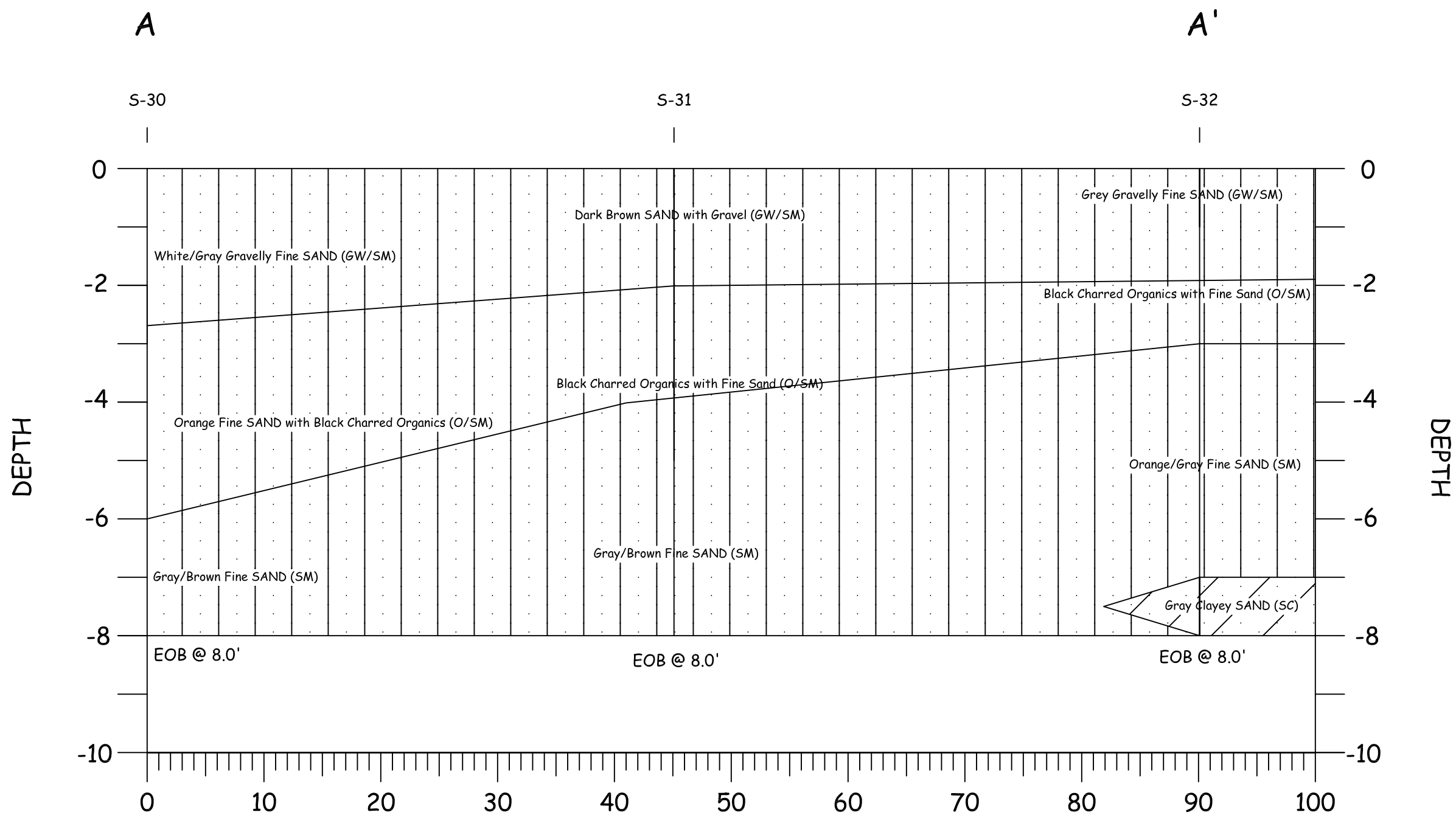
- TOPSOIL
- ASPHALT
- GRAVEL
- CONCRETE
- VOID

ROCK TYPES

- IGNEOUS
- METAMORPHIC
- SEDIMENTARY

SYMBOL LEGEND

- WATER LEVEL - DURING DRILLING/SAMPLING
- WATER LEVEL - BEFORE CASING REMOVAL
- WATER LEVEL - AFTER CASING REMOVAL
- WATER LEVEL - AFTER 24 HOURS



SCALE
VERTICAL SCALE 1/2"=1'
HORIZONTAL SCALE 1"=10'

Remedial Investigation
Wrightsville Avenue
Wilmington, North Carolina

ECS_S12 Black2.jpg

Geologic Cross-Section A-A'

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	WEG

SCALE: See Note
PROJECT NO.: 22-13842
SHEET: FIGURE 6
DATE: 10/31/11

SOIL CLASSIFICATION LEGEND

- FILL - FILL (POSS/PROB) OF ALL TYPES.
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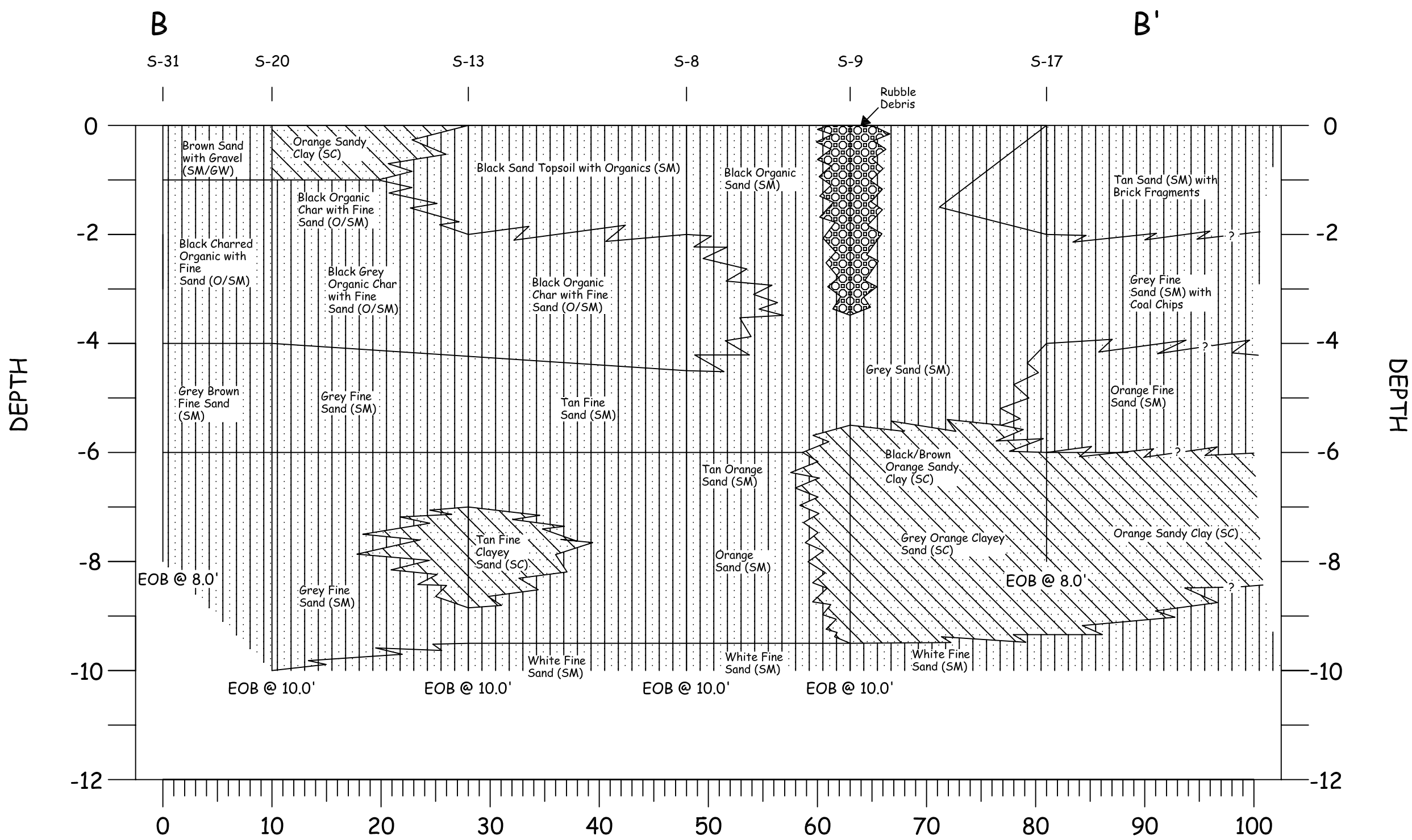

SCALE

VERTICAL SCALE 1/2"=1'

HORIZONTAL SCALE 1"=10'

Remedial Investigation Wrightsville Avenue

Wilmington, North Carolina

ECS_S12 Black2.jpg

Geologic Cross-Section B-B'

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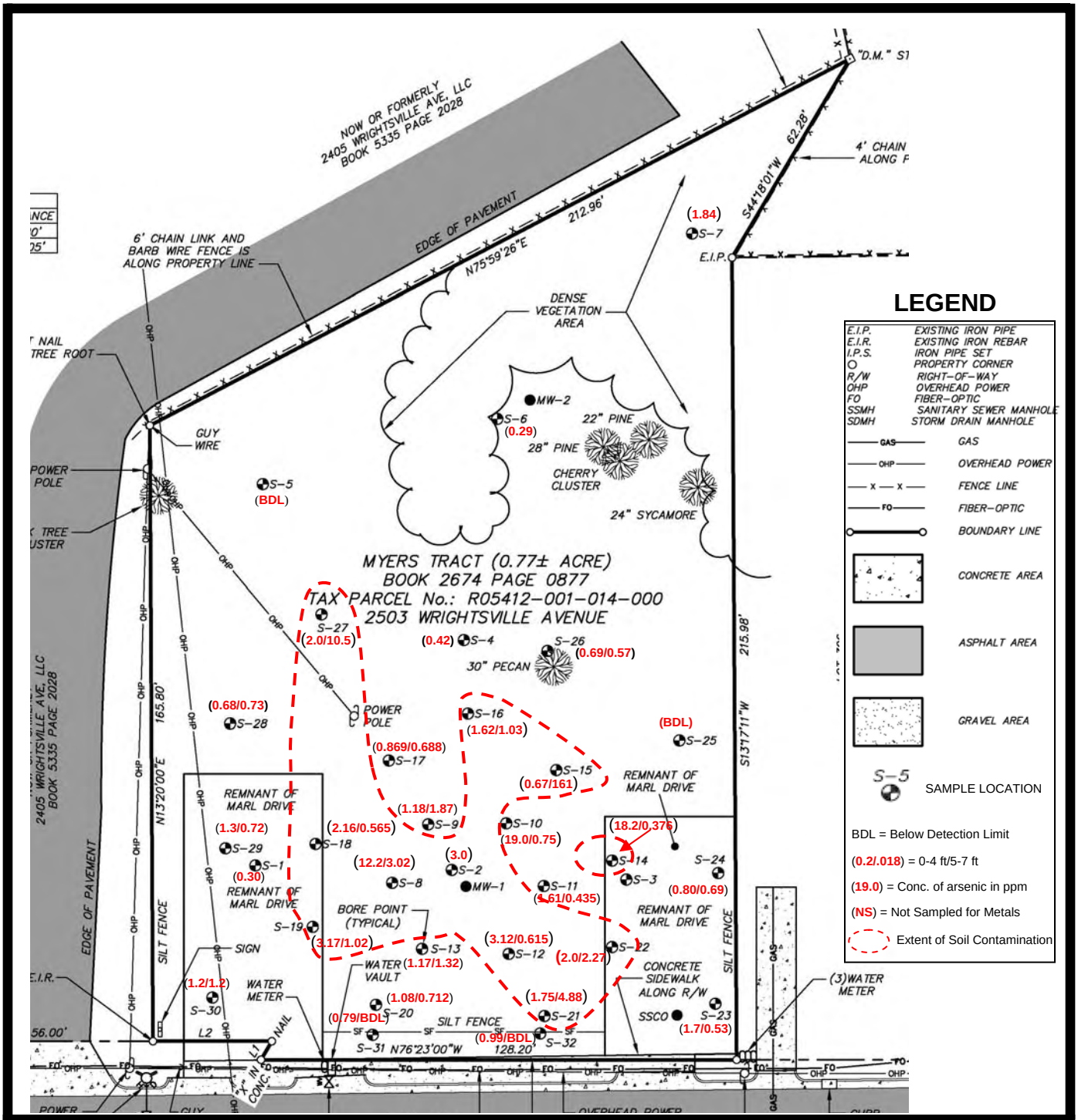
ENGINEER	DRAFTING WEG
SCALE	See Note
PROJECT NO.	22-13842
SHEET	FIGURE 7
DATE	10/31/11



Approximate Scale

1 inch = 40 feet

FIGURE 8: ARSENIC CONCNETRATION MAP

Source: Site Survey, January 2008

N

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SURFACE MATERIALS

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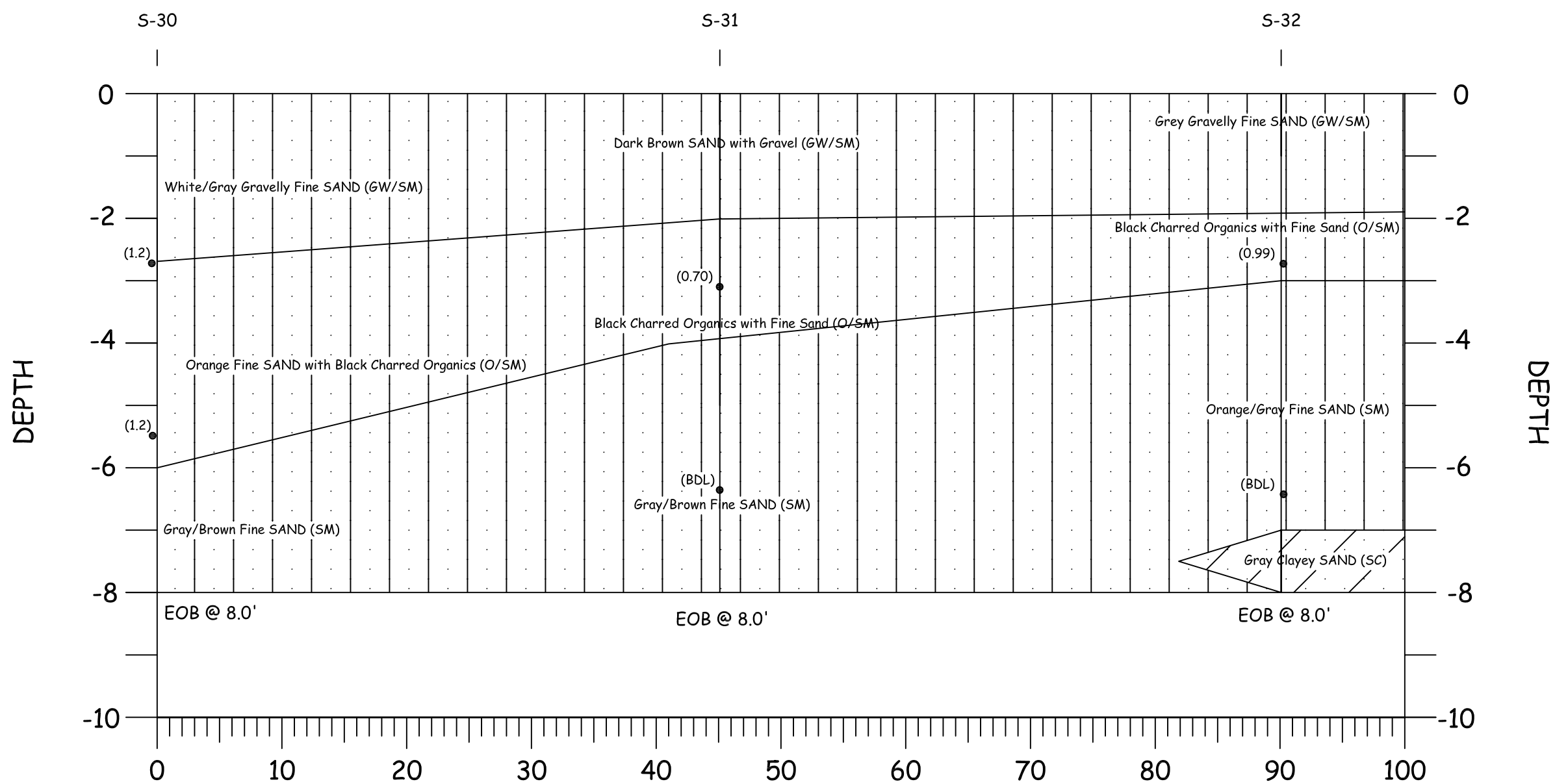
- WATER LEVEL - AFTER CASING REMOVAL
- WATER LEVEL - AFTER 24 HOURS

BDL = BELOW DETECTION LIMIT
(0.70) = CONCENTRATION IN PPM
= ISOCONCENTRATION LINE (CONC. ABOVE SRG)
SRG = SOIL REMEDIATION GOAL



SCALE
VERTICAL SCALE 1/2"=1'
HORIZONTAL SCALE 1"=10'

Remedial Investigation Wrightsville Avenue
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ECS_S12 Black2.jpg

Vertical Extent of Arsenic A-A'

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	WEG

SCALE: See Note
PROJECT NO.: 22-13842
SHEET: FIGURE 9
DATE: 10/31/11

SOIL CLASSIFICATION LEGEND

- FILL - FILL (POSS/PROB) OF ALL TYPES.
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SYMBOL LEGEND

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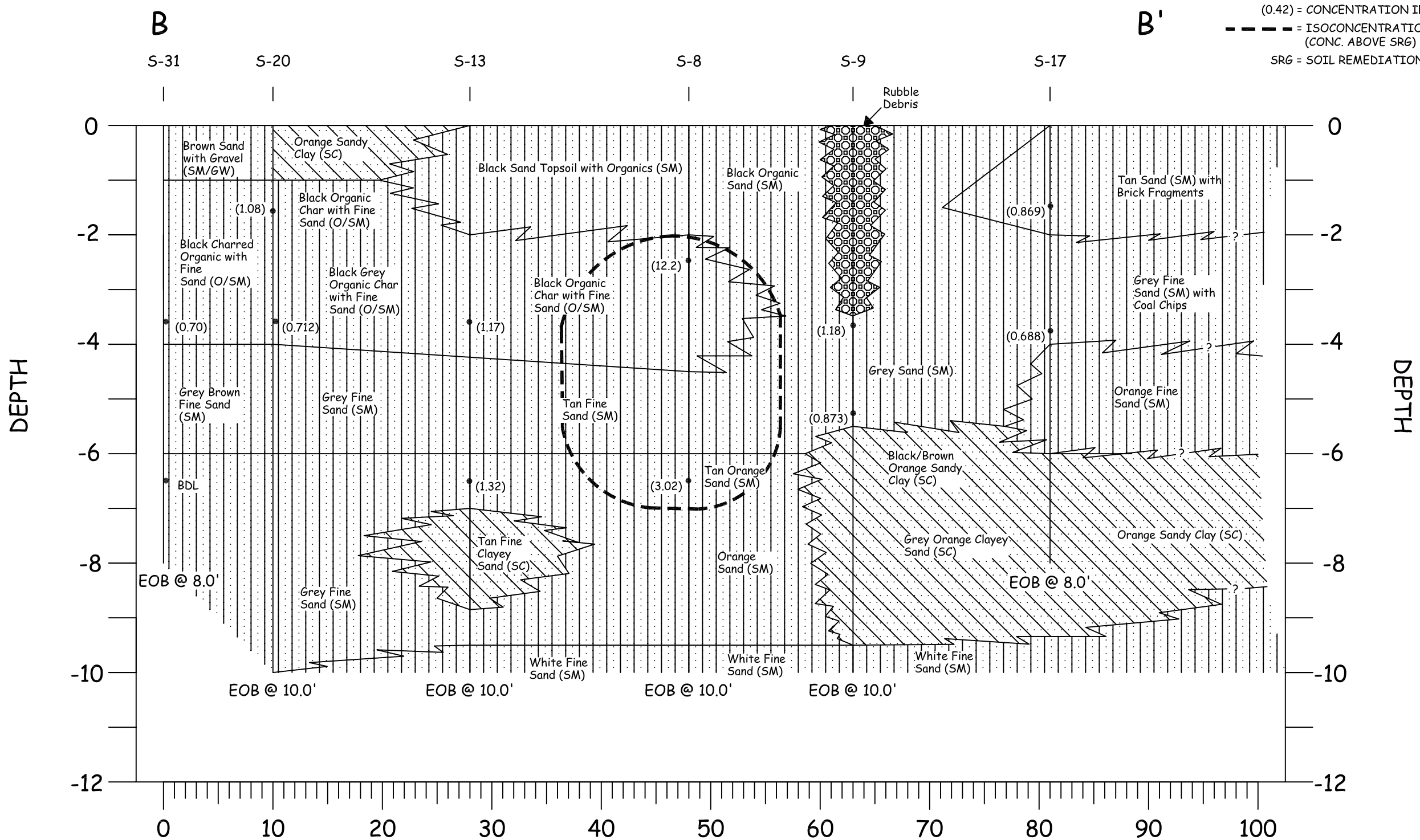
- WATER LEVEL - AFTER 24 HOURS

BDL = BELOW DETECTION LIMIT
(0.42) = CONCENTRATION IN PPM
= ISOCONCENTRATION LINE (CONC. ABOVE SRG)
SRG = SOIL REMEDIATION GOAL



SCALE
VERTICAL SCALE 1/2"=1'
HORIZONTAL SCALE 1"=10'

Remedial Investigation Wrightsville Avenue

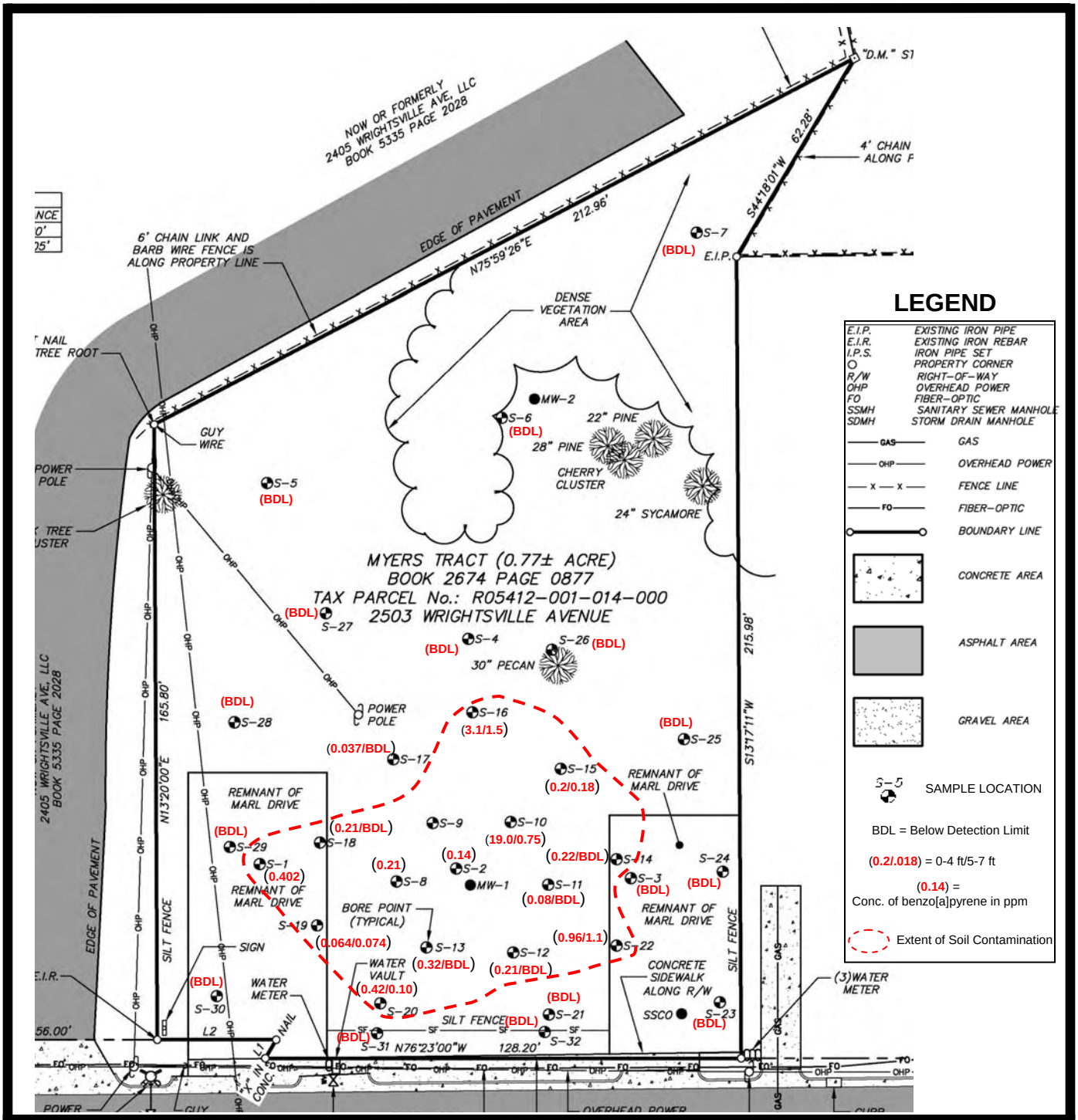
Wilmington, North Carolina

ECS_S12 Black2.jpg

Vertical Extent of Arsenic B-B'

ECS REVISIONS

ENGINEER	DRAFTING WEG
SCALE	See Note
PROJECT NO.	22-13842
SHEET	FIGURE 10
DATE	10/31/11



Approximate Scale

1 inch = 40 feet

Source: Site Survey, January 2008

FIGURE11: BENZO[a]PYRENE CONCNETRATION MAP

N

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SOIL CLASSIFICATION LEGEND

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SURFACE MATERIALS

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ROCK TYPES

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SYMBOL LEGEND

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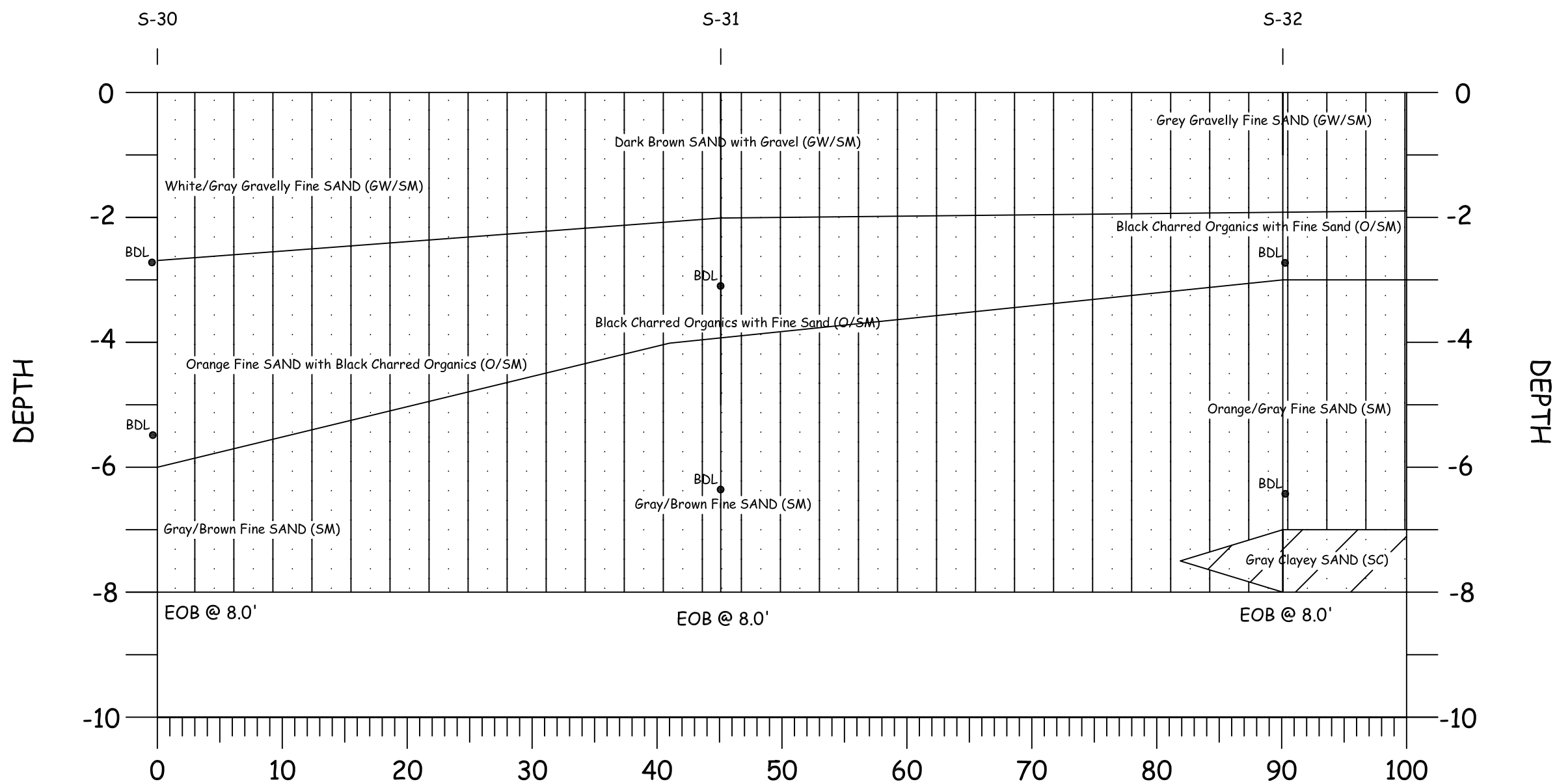

SCALE
VERTICAL SCALE 1/2"=1'
HORIZONTAL SCALE 1"=10'

Remedial Investigation Wrightsville Avenue
Wilmington, North Carolina

ECS_S12 Black2.jpg

Vertical Extent of Benzo[a]pyrene A-A'

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	WEG

SCALE: See Note
PROJECT NO.: 22-13842
SHEET: FIGURE 12
DATE: 10/31/11

SOIL CLASSIFICATION LEGEND

- FILL - FILL (POSS/PROB) OF ALL TYPES.
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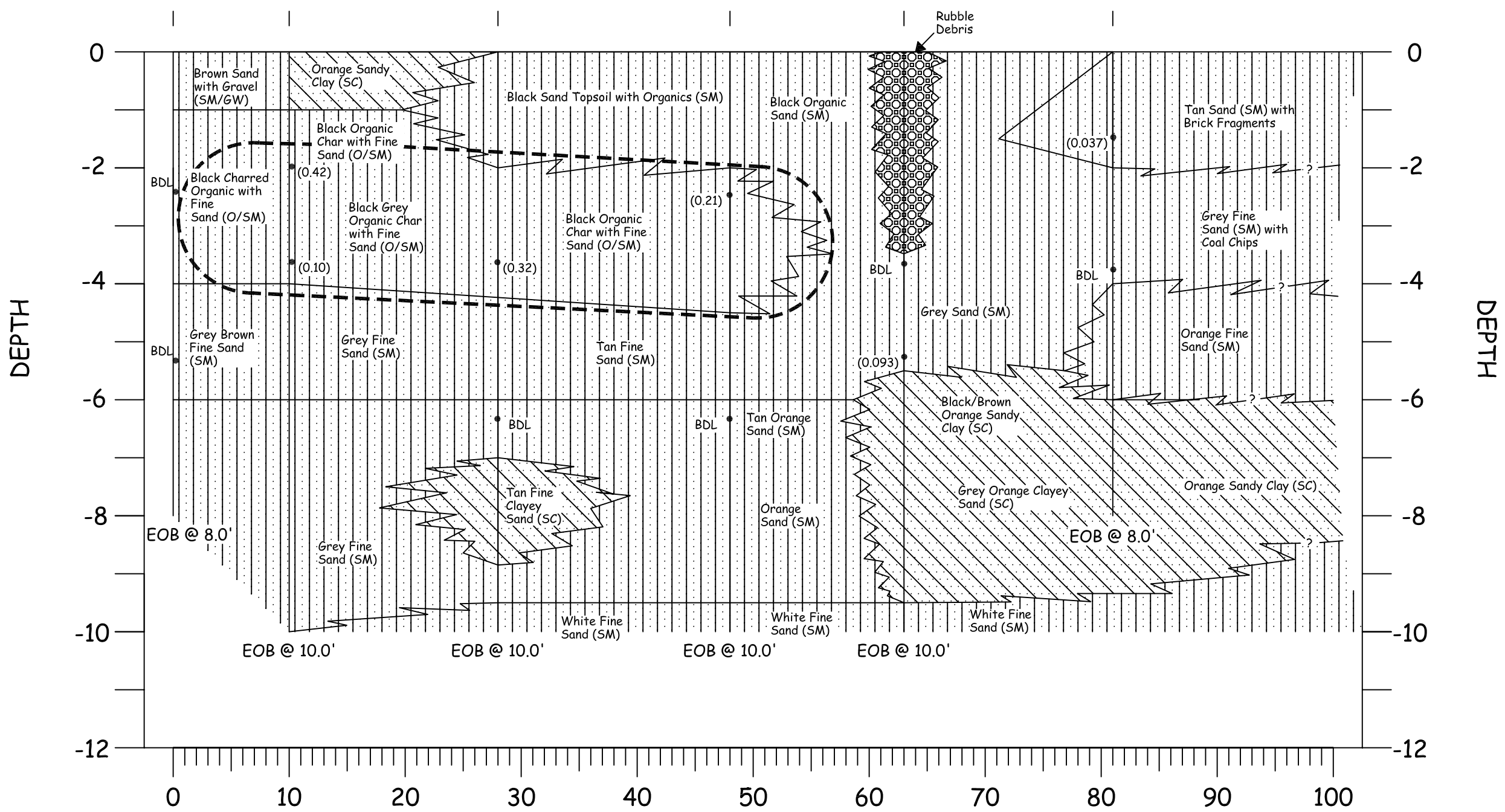


SCALE
VERTICAL SCALE 1/2"=1'
HORIZONTAL SCALE 1"=10'

Remedial Investigation Wrightsville Avenue
Wilmington, North Carolina

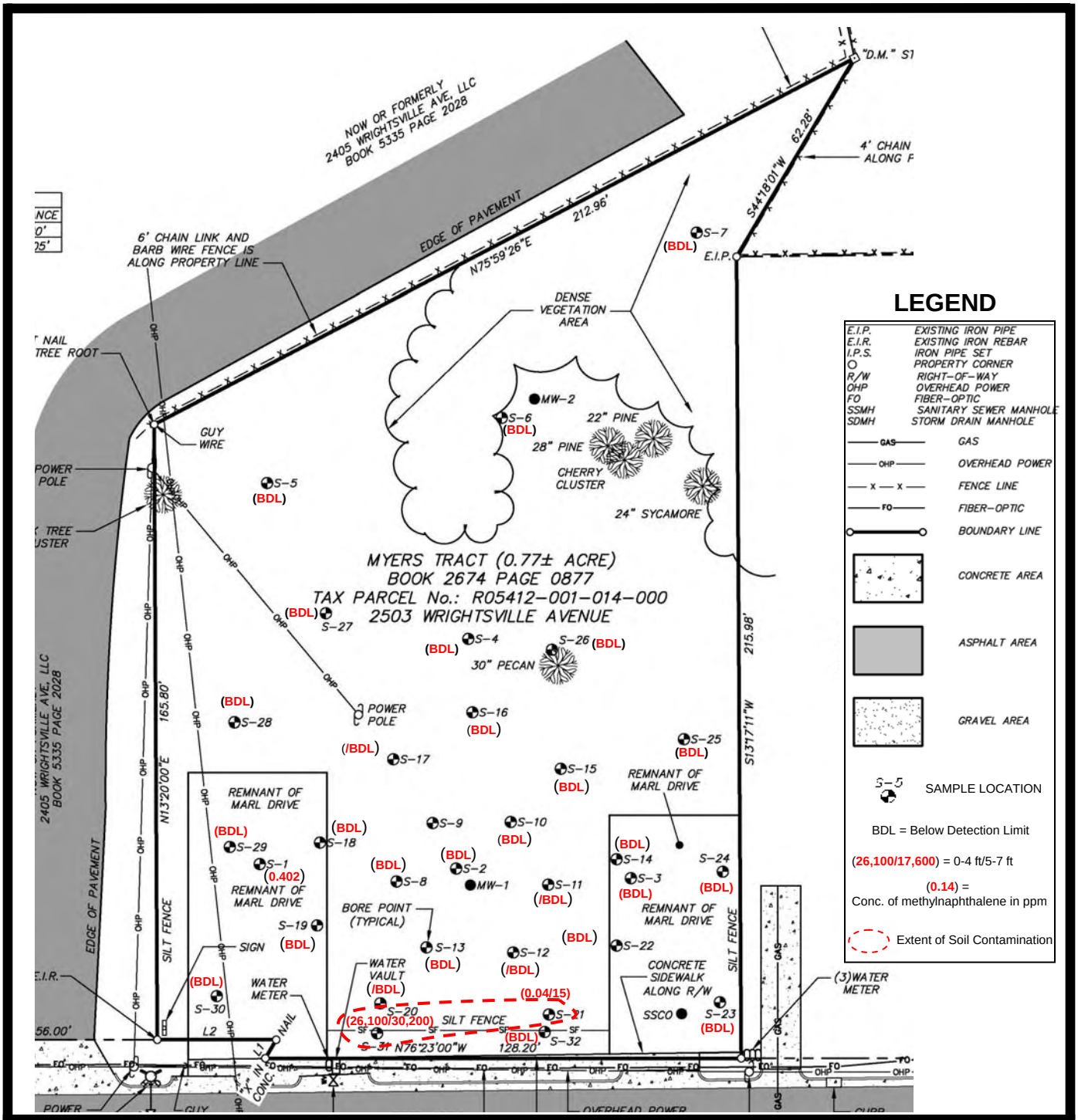
ECS_S12 Black2.jpg

Vertical Extent of Benzo[a]pyrene B-B'

ECS REVISIONS

ENGINEER	DRAFTING
	WEG

SCALE: See Note
PROJECT NO.: 22-13842
SHEET: FIGURE 13
DATE: 10/31/11



Approximate Scale

1 inch = 40 feet

Source: Site Survey, January 2008

FIGURE 14 : PAH CONCNETRATION MAP

N

Remedial Investigation Work Plan
2501, 2503, 2507 and 2509
Wrightsville Ave.
Wilmington, North Carolina

ECS LLP CAROLINAS

ECS Project No. 22-13842E
March 2012

TABLES

TABLE 1: SUMMARY OF MONITORING WELL AND GROUNDWATER ELEVATION DATA

Well No.				Depth of Well [2]	March 24, 2009		November 23, 2009		April 8, 2009		November 19, 2010	
					Static Water Level[3]		Static Water Level[3]		Static Water Level[3]		Static Water Level[3]	
	Top of Casing	Bottom of Screen	Top of Screen		Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation
TW-1	101.83	81.83	91.83	20.0	9.17	92.66	--		--		--	
TW-2	100.63	80.63	90.63	20.0	9.54	91.09	--		--		--	
TW-3	102.33	82.33	92.33	20.0	11.03	91.30	--		--		--	
MW-1	100.35	80.35	90.35	20.0	--	NA	6.87	93.48	5.70	94.65	7.46	92.89
MW-2	101.15	81.15	91.15	20.0	--	NA	9.00	92.15	7.61	93.54	9.39	91.76

Notes:

All data in feet (ft)

[1] Elevations surveyed from arbitrary 100 ft. temporary benchmark, with a different beachmark for TW and MW

[2] Depth of well measured from land surface

[3] Static water level measured from top of casing

TABLE 2: SUMMARY OF SOIL SAMPLE RESULTS - METALS

Phase	**Phase I**									**Comparison Standard**		
Location	**S-1**	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**Dup S-5**	**S-6**	**S-7**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**	**Maximum Background Concentration**
Depth	Composite	4ft	4ft	4 ft	6ft	10ft	10ft	9ft	3ft			
Date	3/14/08	3/24/09	3/24/09	3/24/09	3/24/09	3/24/09	3/24/09	3/24/09	3/24/09			
Antimony	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.90	82	0.87
Arsenic	NA	0.30	3.01	BDL	0.42	BDL	<0.28	0.29	1.84	5.8	1.6	1.84
Beryllium	NA	0.017	0.055	0.010	0.027	0.021	0.015	0.018	0.041	63	400	0.04
Barium	NA	6.90	61.3	1.45	6.09	3.64	1.99	3.04	13.1	580	38,000	13.1
Cadmium	NA	0.042	0.404	BDL	0.112	BDL	BDL	BDL	BDL	3.0	160	0.85
Chromium	NA	2.97	6.46	1.05	7.55	3.07	1.89	3.83	11.4	360,000	100,000	21.5
Copper	NA	0.729	9.71	0.182	2.13	0.228	0.095	0.290	0.949	700	8,200	21.5
Lead	NA	7.76	53.3	1.61	11.2	2.55	1.67	2.56	5.08	270	800	5.08
Nickel	NA	0.55	2.62	0.17	1.49	0.61	0.35	0.67	1.89	130	4,000	1.89
Selenium	NA	BDL	1.19	0.40	0.99	BDL	BDL	BDL	2.38	2.1	1,000	3.28
Silver	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.4	1,000	0.56
Thallium	NA	BDL	BDL	BDL	0.30	BDL	BDL	BDL	BDL	0.28	2.0	BDL
Zinc	NA	13.2	196	BDL	13.7	2.06	NA	BDL	3.21	1,200	62,000	191
Mercury	NA	BDL	0.05	BDL	0.01	BDL	BDL	BDL	0.04	1.0	62.0	0.06

Notes:

Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
SRG = Soil Remediation Goal, August 2011
NA = Not analyzed for this compound or metal
NS = No standard established at this time

TABLE 2: SUMMARY OF SOIL SAMPLE RESULTS - METALS (CONTINUED)

Phase	Phase II													Comparison Standard		
Location	**S8-2-3**	**S8-6-7**	**S9-3-5**	**S9-5-6**	**Dup 9**	**S10-1-2**	**S10-5-6**	**S11-0-2**	**S11-6-7**	**S12-2-3**	**S12-6-7**	**S13-3-4**	**S13-6-7**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**	**Maximum Background Concentration**
Depth	2-3 ft	6-7 ft	3-5ft	5-6ft	3-5ft	1-2ft	5-6ft	0-2ft	6-7ft	2-3ft	6-7ft	3-4ft	6-7ft			
Date	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09			
Antimony	0.537	BDL	0.279	0.533	0.164	0.622	0.601	0.271	BDL	0.475	0.141	0.290	0.218	0.90	82	0.87
Arsenic	**12.2**	3.02	1.18	1.87	0.873	0.864	0.799	1.61	0.435	3.12	0.619	1.17	1.32	5.8	1.6	1.84
Beryllium	0.196	0.0325	BDL	0.0361	BDL	0.0413	0.0412	0.0483	BDL	0.0884	BDL	0.0433	0.0184	63	400	0.04
Barium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	580	38,000	13.1
Cadmium	0.157	0.011	BDL	0.0206	BDL	0.104	0.0126	BDL	0.0532	0.192	BDL	0.0948	BDL	3.0	160	0.85
Chromium	5.09	7.01	1.95	7.62	1.99	4.32	8.21	5.89	1.48	4.3	3.37	2.61	5.57	360,000	100,000	21.5
Copper	10.8	1.12	0.591	2.72	0.543	8.29	3.66	2.26	BDL	13.3	0.311	3.11	0.785	700	8,200	21.5
Lead	42.7	3.30	1.69	15.6	1.84	76.4	19.4	23.4	1.34	53.8	3.03	28.6	3.09	270	800	5.08
Nickel	3.32	0.539	0.813	1.38	0.883	2.00	2.29	0.751	BDL	1.63	0.574	0.968	0.928	130	4,000	1.89
Selenium	0.325	BDL	0.300	BDL	0.208	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.135	2.1	1,000	3.28
Silver	BDL	BDL	BDL	BDL	BDL	0.167	0.188	BDL	BDL	BDL	BDL	BDL	BDL	3.4	1,000	0.56
Thallium	BDL	0.200	0.166	0.113	0.193	BDL	BDL	0.128	0.177	0.265	BDL	**0.306**	BDL	0.28	2.0	BDL
Zinc	67.3	4.38	3.11	20.1	2.69	65.2	21.0	51.8	2.34	114	4.68	32.0	1.97	1,200	62,000	191
Mercury	0.0352	0.0145	0.0141	0.0252	0.0143	0.163	0.0334	0.00955	BDL	0.0151	BDL	0.0156	BDL	1.0	62.0	0.06

Notes:

Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
SRG = Soil Remediation Goal, August 2011
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NS = No standard established at this time

TABLE 2: SUMMARY OF SOIL SAMPLE RESULTS - METALS (CONTINUED)

Phase	Phase II													Comparison Standard		
Location	**S14-0-1**	**S14-3-4**	**S15-0-1**	**S15-3-4**	**S16-0-2**	**S16-3-4**	**S17-1-2**	**S17-3-4**	**S18-1-2**	**S18-3-4**	**S19-0-1**	**S19-2-3**	**Dup 19**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**	**Maximum Background Concentration**
Depth	0-1ft	3-4ft	0-1ft	3-4ft	0-2ft	3-4ft	1-2ft	3-4ft	1-2ft	3-4ft	0-1 ft	2-3ft	2-3ft			
Date	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10			
Antimony	1.36	BDL	0.338	**2.16**	0.223	1.57	0.477	0.331	0.240	BDL	0.588	0.558	BDL	0.90	82	0.87
Arsenic	**18.2**	0.376	0.670	**161**	1.62	1.03	0.869	0.688	2.16	0.565	3.17	1.02	0.732	5.8	1.6	1.84
Beryllium	0.534	BDL	0.0444	1.93	0.0348	0.0295	0.0168	0.0276	0.0407	BDL	0.105	0.0457	0.0375	63	400	0.04
Barium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	580	38,000	13.1
Cadmium	0.518	BDL	0.0826	0.393	0.195	0.266	0.120	BDL	0.423	0.0450	0.249	0.125	0.101	3.0	160	0.85
Chromium	12.6	0.895	3.52	10.6	6.27	6.59	1.55	3.77	6.37	1.04	5.32	3.23	4.01	360,000	100,000	21.5
Copper	31.2	BDL	3.53	45.6	5.71	6.70	3.31	0.626	13.2	1.15	2.90	5.68	2.79	700	8,200	21.5
Lead	**308**	1.27	39.6	38.5	37.5	**427**	70.0	3.39	178	7.62	16.7	98.3	26.7	270	800	5.08
Nickel	9.04	BDL	0.848	23.7	1.91	2.03	0.760	0.763	3.58	0.539	5.27	1.59	0.605	130	4,000	1.89
Selenium	1.75	0.237	BDL	2.05	BDL	0.148	BDL	BDL	0.210	BDL	BDL	0.227	BDL	2.1	1,000	3.28
Silver	0.758	BDL	0.223	0.495	0.235	0.265	0.167	0.128	0.435	BDL	0.933	0.289	BDL	3.4	1,000	0.56
Thallium	BDL	0.128	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**0.340**	BDL	BDL	0.28	2.0	BDL
Zinc	140	BDL	32.3	62.7	60.7	140	81.1	BDL	113	23.0	22.7	61.5	20.0	1,200	62,000	191
Mercury	0.0474	BDL	0.0193	0.0544	0.0984	0.103	0.0464	0.0473	0.0848	0.0555	0.0514	0.115	0.0331	1.0	62.0	0.06

Notes:

Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
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TABLE 2: SUMMARY OF SOIL SAMPLE RESULTS - METALS (CONTINUED)

Phase	Phase II											Comparison Standard		
Location	**S20-1-2**	**S20-3-4**	**S21-2-3**	**S21-4-5**	**S22-1-2**	**S22-3-4**	**S23-3-4**	**S23-5-6**	**Dup 23**	**24-3-4**	**S24-5-6**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**	**Maximum Background Concentration**
Depth	1-2ft	3-4ft	2-3ft	4-5ft	1-2ft	3-4ft	3-4ft	5-6ft	5-6ft	3-4ft	5-6ft			
Date	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10			
Antimony	0.298	0.209	0.273	0.329	0.383	0.538	BDL	BDL	BDL	BDL	BDL	0.90	82	0.87
Arsenic	1.08	0.712	1.75	4.88	2.00	2.27	1.7	0.53	0.82	0.80	0.69	5.8	1.6	1.84
Beryllium	0.0499	0.0282	0.0635	0.0827	0.0766	0.124	BDL	BDL	BDL	BDL	BDL	63	400	0.04
Barium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	580	38,000	13.1
Cadmium	0.113	0.0526	0.163	0.154	0.0407	0.615	BDL	BDL	BDL	BDL	BDL	3.0	160	0.85
Chromium	3.07	1.68	4.86	5.08	5.42	5.29	4.9	5.4	3.0	1.9	5.3	360,000	100,000	21.5
Copper	4.92	1.48	5.06	8.14	5.44	5.22	1.0	BDL	BDL	1.3	1.2	700	8,200	21.5
Lead	48.9	13.1	43.4	45.0	23.6	70.1	3.7	2.7	1.9	1.9	3.3	270	800	5.08
Nickel	0.963	BDL	1.72	1.89	1.33	2.35	1.1	0.98	0.65	0.73	1.0	130	4,000	1.89
Selenium	BDL	BDL	BDL	BDL	BDL	0.738	BDL	BDL	BDL	BDL	BDL	2.1	1,000	3.28
Silver	0.193	BDL	0.287	0.279	0.249	0.554	BDL	BDL	BDL	BDL	BDL	3.4	1,000	0.56
Thallium	BDL	BDL	BDL	BDL	0.161	BDL	BDL	BDL	BDL	BDL	BDL	0.28	2.0	BDL
Zinc	51.5	13.6	46.5	93.4	23.0	97.2	1.5	BDL	BDL	2.3	2.2	1,200	62,000	191
Mercury	0.0736	0.0170	0.0315	0.0504	0.0324	0.0311	0.031	0.033	0.0085	0.063	0.025	1.0	62.0	0.06

Notes:

Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
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TABLE 2: SUMMARY OF SOIL SAMPLE RESULTS - METALS (CONTINUED)

Phase	Phase II										Comparison Standard		
Location	**S25-3-4**	**S25-5-6**	**26-2-3**	**26-5-6**	**S27-3-4**	**S27-6-7**	**S28-1-2**	**S28-5-6**	**S29-3-4**	**S29-5-6**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**	**Maximum Background Concentration**
Depth	3-4ft	5-6ft	2-3ft	5-6ft	3-4ft	6-7 ft	1-2ft	5-6ft	3-4ft	5-6ft			
Date	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10			
Antimony	BDL	BDL	BDL	0.42	BDL	BDL	BDL	BDL	BDL	BDL	0.90	82	0.87
Arsenic	BDL	BDL	0.69	0.57	2.0	**10.5**	0.68	0.73	1.3	0.71	5.8	1.6	1.84
Beryllium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	63	400	0.04
Barium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	580	38,000	13.1
Cadmium	BDL	BDL	BDL	BDL	BDL	BDL	0.17	BDL	BDL	BDL	3.0	160	0.85
Chromium	2.2	7.3	5.1	7.0	6.1	3.1	2.6	5.2	2.8	5.9	360,000	100,000	21.5
Copper	1.1	1.5	0.69	0.55	BDL	BDL	3.5	1.2	3.4	1.4	700	8,200	21.5
Lead	2.7	3.5	2.3	3.6	2.7	3.0	24.9	3.1	15.7	10.8	270	800	5.08
Nickel	BDL	0.91	1.3	1.4	1.2	0.98	0.98	1.0	0.87	0.91	130	4,000	1.89
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.1	1,000	3.28
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.4	1,000	0.56
Thallium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.28	2.0	BDL
Zinc	1.9	7.3	2.3	2.4	2.1	1.0	49.4	5.6	15.1	7.6	1,200	62,000	191
Mercury	0.029	0.038	0.021	0.015	0.050	BDL	0.090	0.011	0.051	0.019	1.0	62.0	0.06

Notes:

Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
SRG = Soil Remediation Goal, August 2011
NA = Not analyzed for this compound or metal
NS = No standard established at this time

TABLE 2: SUMMARY OF SOIL SAMPLE RESULTS - METALS (CONTINUED)

Phase	Phase II						Comparison Standard		
Location	**S30-2-3**	**S30-5-6**	**S31-3-4**	**S31-6-7**	**S32-3-4**	**S32-6-7**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**	**Maximum Background Concentration**
Depth	2-3ft	5-6ft	3-4ft	6-7 ft	3-4ft	6-7 ft			
Date	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10			
Antimony	0.87	BDL	BDL	BDL	0.42	BDL	0.90	82	0.87
Arsenic	1.2	1.2	0.70	BDL	0.99	BDL	5.8	1.6	1.84
Beryllium	BDL	BDL	BDL	BDL	BDL	BDL	63	400	0.04
Barium	NA	NA	NA	NA	NA	NA	580	38,000	13.1
Cadmium	0.85	BDL	BDL	BDL	BDL	BDL	3.0	160	0.85
Chromium	4.3	4.0	3.4	3.3	6.3	3.8	360,000	100,000	21.5
Copper	21.5	0.55	0.48	0.66	BDL	BDL	700	8,200	21.5
Lead	92.3	2.5	2.6	2.6	3.4	2.6	270	800	5.08
Nickel	1.2	0.65	1.2	0.94	0.87	BDL	130	4,000	1.89
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	2.1	1,000	3.28
Silver	0.56	BDL	BDL	BDL	BDL	BDL	3.4	1,000	0.56
Thallium	BDL	BDL	BDL	BDL	BDL	BDL	0.28	2.0	BDL
Zinc	191	BDL	1.9	BDL	BDL	BDL	1,200	62,000	191
Mercury	0.047	0.021	0.034	0.014	0.054	0.0078	1.0	62.0	0.06

Notes:

Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
SRG = Soil Remediation Goal, August 2011
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TABLE 3: SUMMARY OF SOIL SAMPLE RESULS - VOLATILE AND SEMI-VOLATILE ORGANICS

Phase	**Phase I**									**Comparison Standard**	
Location	**S-1**	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**Dup S-5**	**S-6**	**S-7**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**
Depth	Composite	4ft	4ft	4 ft	6ft	10ft	10ft	9ft	3ft		
Date	3/14/08	3/24/09	3/24/09	3/24/09	3/24/09	3/24/09	3/24/09	3/24/09	3/24/09		
4-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.68	NS
Acetone	BDL	0.0065	BDL	0.0049	0.023	BDL	BDL	BDL	BDL	24	100,000
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0073	5.4
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	27
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	18
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	260
n-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	110
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	NS
1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0012	2.80
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005	2.6
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	820
1-Methylnaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.055	99
2- Methylnaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	370
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.4	6,600
Acenaphthylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	21	NS
Anthracene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	660	34,000
Benzo[a]anthracene	**0.355**	BDL	0.093	BDL	BDL	BDL	BDL	BDL	BDL	0.18	2.1
Benzo[a]pyrene	**0.402**	BDL	**0.14**	BDL	BDL	BDL	BDL	BDL	BDL	0.059	0.21
Benzo[b]fluoranthene	**0.620**	BDL	0.22	BDL	0.064	BDL	BDL	BDL	BDL	0.60	2.1
Benzo[g,h,i]perylene	BDL	BDL	0.11	BDL	0.040	BDL	BDL	BDL	BDL	7,800	NS
Benzo[k]fluoranthene	BDL	BDL	0.076	BDL	BDL	BDL	BDL	BDL	BDL	5.9	21
Chrysene	0.425	BDL	0.14	BDL	0.040	BDL	BDL	BDL	BDL	18	21
Dibenzo(a,h)anthracene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19	0.21
Fluoranthene	0.693	0.045	0.23	BDL	0.049	BDL	BDL	BDL	BDL	330	4,400
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	56	4,400
Indeno[1,2,3-cd]pyrene	BDL	BDL	0.10	BDL	BDL	BDL	BDL	BDL	BDL	2.0	2.1
Phenanthrene	BDL	BDL	0.055	BDL	BDL	BDL	BDL	BDL	BDL	68	NS
Pyrene	0.693	0.037	0.20	BDL	0.040	BDL	BDL	BDL	BDL	220	3,400

Notes:
Concentrations presented in parts per million or ppm
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Red concentrations over Preliminary Industrial Health-Based SRG
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TABLE 3: SUMMARY OF SOIL SAMPLE RESULS - VOLATILE AND SEMI-VOLATILE ORGANICS (CONTINUED)

Phase	Phase II													Comparison Standard	
Location	**S8-2-3**	**S8-6-7**	**S9-3-5**	**S9-5-6**	**Dup S-9**	**S10-1-2**	**S10-5-6**	**S11-0-2**	**S11-6-7**	**S12-2-3**	**S12-6-7**	**S13-3-4**	**S13-6-7**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**
Depth	2-3 ft	6-7 ft	3-5ft	5-6ft	3-5ft	1-2ft	5-6ft	0-2ft	6-7ft	2-3ft	6-7ft	3-4ft	6-7ft		
Date	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09	11/23/09		
4-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.68	NS
Acetone	BDL	BDL	BDL	BDL	BDL	0.016	0.0069	BDL	0.0059	BDL	BDL	BDL	BDL	24	10,000
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0073	5.4
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	27
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	18
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	260
n-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	110
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	NS
1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0012	2.80
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005	2.6
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	820
1-Methylnaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005	99
2- Methylnaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	370
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.4	6,600
Acenaphthylene	0.041	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	210	NS
Anthracene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	660	34,000
Benzo[a]anthracene	0.17	BDL	BDL	0.091	BDL	**17**	**0.68**	0.098	BDL	0.17	BDL	**0.25**	BDL	0.18	2.1
Benzo[a]pyrene	**0.21**	BDL	BDL	0.093	BDL	**19**	**0.75**	**0.080**	BDL	**0.21**	BDL	**0.32**	BDL	0.059	0.21
Benzo[b]fluoranthene	0.34	BDL	BDL	0.12	BDL	**26**	**1.0**	0.12	BDL	0.35	BDL	0.50	BDL	0.60	2.1
Benzo[g,h,i]perylene	0.15	BDL	BDL	0.053	BDL	12	0.48	0.049	BDL	0.14	BDL	0.16	BDL	7,800	NS
Benzo[k]fluoranthene	0.11	BDL	BDL	0.050	BDL	**9.1**	0.35	0.053	BDL	0.11	BDL	0.17	BDL	5.9	21
Chrysene	0.19	BDL	BDL	0.092	BDL	15	0.57	0.10	BDL	0.21	BDL	0.31	BDL	18	210
Dibenzo(a,h)anthracene	BDL	BDL	BDL	BDL	BDL	**2.9**	0.10	BDL	BDL	BDL	BDL	BDL	BDL	0.19	0.21
Fluoranthene	0.26	BDL	BDL	0.17	BDL	30	1.2	0.25	BDL	0.37	BDL	0.51	BDL	330	4,400
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	56	460
Indeno[1,2,3-cd]pyrene	0.12	BDL	BDL	0.052	BDL	**10**	0.42	BDL	BDL	0.13	BDL	0.15	BDL	2.0	2.1
Phenanthrene	0.081	BDL	BDL	0.052	BDL	1.0	0.044	0.12	BDL	0.11	BDL	0.16	BDL	68	NS
Pyrene	0.26	BDL	BDL	0.16	BDL	31	1.1	0.22	BDL	0.32	BDL	0.41	BDL	220	3400

Notes:
Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
SRG = Soil Remediation Goal, August 2011
NA = Not analyzed for this compound or metal
NS = No standard established at this time

TABLE 3: SUMMARY OF SOIL SAMPLE RESULS - VOLATILE AND SEMI-VOLATILE ORGANICS (CONTINUED)

Phase	Phase II													Comparison Standard	
Location	**S14-0-1**	**S14-3-4**	**S15-0-1**	**S15-3-4**	**S16-0-2**	**S16-3-4**	**S17-1-2**	**S17-3-4**	**S18-1-2**	**S18-3-4**	**S19-0-1**	**S19-2-3**	**Dup S-19**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**
Depth	0-1ft	3-4ft	0-1ft	3-4ft	0-2ft	3-4ft	1-2ft	3-4ft	1-2ft	3-4ft	0-1 ft	2-3ft	2-3ft		
Date	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10		
4-Isopropyltoluene	0.00072	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.68	NS
Acetone	0.082	0.014	0.0049	0.017	0.0040	0.014	0.052	0.0054	BDL	0.011	0.0043	0.0076	0.011	24	10,000
Benzene	0.00063	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0073	5.4
Ethylbenzene	0.00072	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	27
Naphthalene	0.0032	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	18
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	260
n-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	110
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	NS
1,1,2,2-Tetrachloroethane	BDL	0.000051	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0012	2.80
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005	2.6
Toluene	0.00067	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	820
1-Methylnaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005	99
2- Methylnaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	370
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.4	6,600
Acenaphthylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	210	NS
Anthracene	BDL	BDL	BDL	BDL	0.078	0.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	660	34,000
Benzo[a]anthracene	0.15	BDL	0.14	0.16	**2.4**	**1.4**	BDL	BDL	0.096	BDL	0.054	0.074	0.17	0.18	2.1
Benzo[a]pyrene	**0.22**	BDL	**0.20**	**0.18**	**3.1**	**1.5**	0.037	BDL	**0.12**	BDL	**0.064**	**0.074**	**0.19**	0.059	0.21
Benzo[b]fluoranthene	0.26	BDL	0.27	0.25	**3.7**	**1.8**	0.059	BDL	0.15	0.040	0.097	0.10	0.25	0.60	2.1
Benzo[g,h,i]perylene	0.16	BDL	0.15	0.12	1.3	0.52	BDL	BDL	0.070	BDL	0.050	0.055	0.094	7,800	NS
Benzo[k]fluoranthene	0.089	BDL	0.088	0.086	1.2	0.64	BDL	BDL	0.059	BDL	BDL	0.037	0.081	5.9	21
Chrysene	0.17	BDL	0.16	0.17	2.1	1.3	BDL	BDL	0.10	BDL	0.072	0.063	0.17	18	210
Dibenzo(a,h)anthracene	0.042	BDL	BDL	BDL	**0.30**	0.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19	0.21
Fluoranthene	0.19	BDL	0.23	0.35	4.1	2.2	0.055	BDL	0.19	BDL	0.11	0.13	0.36	330	4,400
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	56	460
Indeno[1,2,3-cd]pyrene	0.14	BDL	0.13	0.10	1.3	0.55	BDL	BDL	0.066	BDL	0.043	0.048	0.094	2.0	2.1
Phenanthrene	BDL	BDL	0.044	0.15	0.14	0.49	BDL	BDL	0.063	BDL	BDL	0.052	0.12	68	NS
Pyrene	0.20	BDL	0.21	0.28	4.1	1.9	0.048	BDL	0.17	BDL	0.11	0.11	0.29	220	3400

Notes:
Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
SRG = Soil Remediation Goal, August 2011
NA = Not analyzed for this compound or metal
NS = No standard established at this time

TABLE 3: SUMMARY OF SOIL SAMPLE RESULS - VOLATILE AND SEMI-VOLATILE ORGANICS (CONTINUED)

Phase	Phase II											Comparison Standard	
Location	**S20-1-2**	**S20-3-4**	**S21-2-3**	**S21-4-5**	**S22-1-2**	**S22-3-4**	**S23-3-4**	**S23-5-6**	**Dup S-23**	**24-3-4**	**S24-5-6**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**
Depth	1-2ft	3-4ft	2-3ft	4-5ft	1-2ft	3-4ft	3-4ft	5-6ft	5-6ft	3-4ft	5-6ft		
Date	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	2/23/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10		
4-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	0.00067	BDL	BDL	BDL	BDL	BDL	0.68	NS
Acetone	0.0090	0.016	BDL	BDL	0.028	0.024	BDL	BDL	BDL	BDL	BDL	24	10,000
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0073	5.4
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	27
Naphthalene	0.051	BDL	0.051	**1.4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	18
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	260
n-Butyl Benzene	BDL	BDL	BDL	0.037	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	110
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	NS
1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0012	2.80
Tetrachloroethene	BDL	BDL	BDL	BDL	0.0051	BDL	BDL	BDL	BDL	BDL	BDL	0.005	2.6
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	820
1-Methylnaphthalene	BDL	BDL	**0.040**	**15**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005	99
2- Methylnaphthalene	0.040	BDL	0.095	2.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	370
Acenaphthene	BDL	BDL	BDL	0.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.4	6,600
Acenaphthylene	0.13	BDL	BDL	BDL	BDL	0.17	BDL	BDL	BDL	BDL	BDL	210	NS
Anthracene	0.22	BDL	BDL	0.47	BDL	0.094	BDL	BDL	BDL	BDL	BDL	660	34,000
Benzo[a]anthracene	**0.48**	0.092	BDL	BDL	0.078	**0.80**	BDL	BDL	BDL	BDL	BDL	0.18	2.1
Benzo[a]pyrene	**0.42**	**0.10**	BDL	BDL	**0.096**	**1.1**	BDL	BDL	BDL	BDL	BDL	0.059	0.21
Benzo[b]fluoranthene	0.57	0.14	BDL	BDL	0.14	**1.4**	BDL	BDL	BDL	BDL	BDL	0.60	2.1
Benzo[g,h,i]perylene	0.19	0.059	BDL	BDL	BDL	0.53	BDL	BDL	BDL	BDL	BDL	7,800	NS
Benzo[k]fluoranthene	0.19	0.055	BDL	BDL	0.048	0.48	BDL	BDL	BDL	BDL	BDL	5.9	21
Chrysene	0.47	0.092	BDL	BDL	0.096	0.90	BDL	BDL	BDL	BDL	BDL	18	210
Dibenzo(a,h)anthracene	0.066	BDL	BDL	BDL	BDL	0.053	BDL	BDL	BDL	BDL	BDL	0.19	0.21
Fluoranthene	1.1	0.17	BDL	BDL	0.15	1.6	BDL	BDL	BDL	BDL	BDL	330	4,400
Fluorene	0.095	BDL	BDL	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	56	460
Indeno[1,2,3-cd]pyrene	0.20	0.055	BDL	BDL	BDL	0.56	BDL	BDL	BDL	BDL	BDL	2.0	2.1
Phenanthrene	0.83	0.059	BDL	BDL	0.059	0.41	BDL	BDL	BDL	BDL	BDL	68	NS
Pyrene	0.82	0.14	BDL	BDL	0.14	1.3	BDL	BDL	BDL	BDL	BDL	220	3400

Notes:
Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
SRG = Soil Remediation Goal, August 2011
NA = Not analyzed for this compound or metal
NS = No standard established at this time

TABLE 3: SUMMARY OF SOIL SAMPLE RESULS - VOLATILE AND SEMI-VOLATILE ORGANICS (CONTINUED)

Phase	Phase II										Comparison Standard	
Location	**S25-3-4**	**S25-5-6**	**26-2-3**	**26-5-6**	**S27-3-4**	**S27-6-7**	**S28-1-2**	**S28-5-6**	**S29-3-4**	**S29-5-6**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**
Depth	3-4ft	5-6ft	2-3 ft	5-6ft	3-4ft	6-7ft	1-2ft	5-6ft	3-4ft	5-6ft		
Date	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10		
4-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	**28.6**	BDL	BDL	BDL	0.68	NS
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	24	10,000
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0073	5.4
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	27
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	18
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.5	260
n-Butyl Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	110
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	NS
1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0012	2.80
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005	2.6
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	820
1-Methylnaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005	99
2- Methylnaphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	370
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.4	6,600
Acenaphthylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	210	NS
Anthracene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	660	34,000
Benzo[a]anthracene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.18	2.1
Benzo[a]pyrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.059	0.21
Benzo[b]fluoranthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.60	2.1
Benzo[g,h,i]perylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7,800	NS
Benzo[k]fluoranthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.9	21
Chrysene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	18	210
Dibenzo(a,h)anthracene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.19	0.21
Fluoranthene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	330	4,400
Fluorene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	56	460
Indeno[1,2,3-cd]pyrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.0	2.1
Phenanthrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	68	NS
Pyrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	220	3400

Notes:
Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
SRG = Soil Remediation Goal, August 2011
NA = Not analyzed for this compound or metal
NS = No standard established at this time

TABLE 3: SUMMARY OF SOIL SAMPLE RESULS - VOLATILE AND SEMI-VOLATILE ORGANICS (CONTINUED)

Phase	Phase II						Comparison Standard	
Location	**S30-2-3**	**S30-5-6**	**S31-3-4**	**S31-6-7**	**S32-3-4**	**S32-6-7**	**Protection of Groundwater SRGs**	**Preliminary Industrial Health Based SRGs**
Depth	2-3 ft	5-6ft	3-4ft	6-7ft	3-4ft	6-7ft		
Date	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10	11/19/10		
4-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	0.68	NS
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	24	10,000
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	0.0073	5.4
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	8.1	27
Naphthalene	BDL	BDL	**3,060**	**5,080**	BDL	BDL	0.21	18
n-Propylbenzene	BDL	BDL	BDL	175	BDL	BDL	1.5	260
n-Butyl Benzene	BDL	BDL	**508**	**621**	BDL	BDL	2.4	110
sec-Butylbenzene	BDL	BDL	**697**	**818**	BDL	BDL	2.2	NS
1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	0.0012	2.80
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	0.005	2.6
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	5.5	820
1-Methylnaphthalene	BDL	BDL	**26,100**	**17,600**	BDL	BDL	0.005	99
2- Methylnaphthalene	BDL	BDL	**40,100**	**30,200**	BDL	BDL	1.6	370
Acenaphthene	BDL	BDL	BDL	BDL	BDL	BDL	8.4	6,600
Acenaphthylene	BDL	BDL	BDL	BDL	BDL	BDL	210	NS
Anthracene	BDL	BDL	BDL	BDL	BDL	BDL	660	34,000
Benzo[a]anthracene	BDL	BDL	BDL	BDL	BDL	BDL	0.18	2.1
Benzo[a]pyrene	BDL	BDL	BDL	BDL	BDL	BDL	0.059	0.21
Benzo[b]fluoranthene	BDL	BDL	BDL	BDL	BDL	BDL	0.60	2.1
Benzo[g,h,i]perylene	BDL	BDL	BDL	BDL	BDL	BDL	7,800	NS
Benzo[k]fluoranthene	BDL	BDL	BDL	BDL	BDL	BDL	5.9	21
Chrysene	BDL	BDL	BDL	BDL	BDL	BDL	18	210
Dibenzo(a,h)anthracene	BDL	BDL	BDL	BDL	BDL	BDL	0.19	0.21
Fluoranthene	BDL	BDL	BDL	BDL	BDL	BDL	330	4,400
Fluorene	BDL	BDL	**785**	BDL	BDL	BDL	56	460
Indeno[1,2,3-cd]pyrene	BDL	BDL	BDL	BDL	BDL	BDL	2.0	2.1
Phenanthrene	BDL	BDL	BDL	BDL	BDL	BDL	68	NS
Pyrene	BDL	BDL	BDL	BDL	BDL	BDL	220	3400

Notes:
Concentrations presented in parts per million or ppm
Bold concentrations over Protection of Groundwater SRG
Red concentrations over Preliminary Industrial Health-Based SRG
SRG = Soil Remediation Goal, August 2011
NA = Not analyzed for this compound or metal
NS = No standard established at this time

TABLE 4: SUMMARY OF GROUNDWATER SAMPLE RESULTS

Location/Compound	TW-S-2	TW-S-5	Dup (TW-S-5)	TW-S-6	MW-1			Dup (MW-1)		MW-2			Dup (MW-2)	Comaprison Criteria
Sample Date	3/24/09	3/24/09	3/24/09	3/24/09	11/23/09	4/8/10	11/19/10	11/23/09	11/19/10	11/23/09	4/8/10	11/19/10	4/8/10	**NCAC 2L Standard**
Volatiles by Method 8260B	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	---
Semi-Volatile Analysis By Method 8270C														
Benzoic acid	BDL	BDL	BDL	BDL	8.9	<3.6	NA	<3.6	NA	<3.6	<3.6	NA	<3.6	30,000
Bis(2-ethylhexyl)phthalate	<1.9	1.9	<1.9	<1.9	<2.6	<2.6	NA	<2.6	NA	**3.8**	<2.6	NA	<2.6	3
Di-n-buthylphthalate	BDL	BDL	BDL	BDL	1.5	<1.4	NA	2.0	NA	1.9	<1.4	NA	<1.4	700
Metals by Methods 6010B and 7074A														
Antimony	BDL	BDL	BDL	BDL	0.152	<0.220	<5.0	0.129	<5.0	0.175	<0.220	<5.0	<0.220	1
Arsenic	**22.5**	**15.5**	**13.3**	**33.9**	6.28	**16.5**	<5.0	6.39	<5.0	**18.3**	**40.0**	<5.0	**51.2**	10
Beryllium	1.08	0.33	0.38	1.34	2.30	0.260	<1.0	2.18	<1.0	0.233	0.463	<1.0	0.456	4
Cadmium	0.20	<0.09	<0.09	0.09	<0.360	<0.360	<1.0	<0.360	<1.0	<0.360	<0.360	<1.0	<0.360	2
Chromium	**110**	**18.6**	**20.1**	**112**	**253**	**65.1**	<5.0	**236**	<5.0	**31.0**	**101**	<5.0	**81.4**	10
Copper	15.4	2.65	3.65	11.0	47.2	18.1	<5.0	43.3	<5.0	2.31	12.1	<5.0	8.22	1,000
Lead	**50.8**	9.1	11.4	**57.0**	**130**	**40.2**	<5.0	**121**	<5.0	**21.1**	**56.6**	<5.0	**50.8**	15
Mercury	0.16	<0.11	<0.11	0.14	0.457	<0.0540	<0.20	0.449	<0.20	<0.0540	0.0873	<0.20	0.0972	1
Nickel	26.7	4.4	4.6	28.1	32.9	10.8	<5.0	30.2	<5.0	5.37	13.9	<5.0	9.6	100
Selenium	<3.4	14.8	19.5	<3.4	<2.70	8.64	<10.0	<2.70	<10.0	<2.70	1.75	<10.0	1.21	20
Silver	<1.0	<1.0	<1.0	<1.0	<1.90	3.36	<5.0	<1.90	<5.0	<1.90	3.85	<5.0	4.94	20
Thallium	0.194	0.044	0.038	**0.230**	**0.510**	0.129	<10.0	**0.361**	<10.0	<0.110	0.133	<10.0	0.135	0.2
Zinc	68.0	28.8	16.5	54.3	78.0	67.9	19.6	74.1	19.3	15.7	52.8	<10.0	35.8	1,000

Notes:
Concnetrations presented in parts per billion (ppb)
Bold concentrations exceed the NCAC 2L Groundwater Standards
BDL = Below Detection Limit
NA = Not Analyzed for this compund or metal
NS = No Standard

APPENDIX A
SOIL BORING LOGS

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	MW-1	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Tan sand organic		1.4
		12		Black and red sand		
		12		Black and red sand		1.5
		12		Black and grey sand		1.0
5		12		Black and grey sand		1.6
		12		Black and grey sand		2.2
		12		Red sandy clay moist		1.2
		12		Tan sandy clay moist		2.1
		12		Red sandy clay, wet		1.9
10		12		Red sandy clay, wet	▼ 6.87	0.9
		12		Red sand		
		12		Red sand		
		12		Grey sand		
		12		Saturated tan and orange sand		
15		12		Saturated tan and orange sand		
		12		Saturated tan sand		
		12		Saturated tan sand		
		12		Saturated tan sand		
		12		Saturated tan sand		
20		12		Saturated tan sand		

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/23/2009	GeoProbe	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	MW-2	1 OF 1

PROJECT NAME: Wrightsville Avenue REC Site

ARCHITECT-ENGINEER: Amy Conchas

SITE LOCATION: 2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Grey sand organic		1.2
		12		Tan sand some fill, brick		
		12		Tan sand		1.2
		12		Tan sand some clay, moist		2.3
5		12		Tan sand		3.0
		12		Tan sand		4.3
		12		White sand		0.8
		12		White sand		2.0
		12		Orange sand		1.8
10		12		Orange sand	▼ 9.0	1.8
		12		Grey sand		
		12		Dark tan sand, moist		
		12		Orange sand, wet		
		12		Orange sand, wet		
15		12		Orange sand, wet		
		12		Orange sand, wet		
		12		Orange sand, wet		
		12		Orange sand, wet		
		12		Tan sand		
20		12		Light tan sand		

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/23/2009	GeoProbe	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-1	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Gray and tan sand		0.0
		12		Black and brown sand		0.0
		12		Dark grey sand, possible ash layer		0.0
		12		Sample collected		0.0
5		12		Brown and tan sand		0.0
		12		Black and tan sand		0.0
		12		Tan and light gray sand		0.0
		12		Light gray sand		0.0
		12		Light gray sand	▼ @ 9’	0.0
10		12		Light gray sand, Boring terminated		0.0
		12				
		12				
15		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
03/24/2009	Geoprobe®	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-2	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Black and brown sand		0.0
		12		Black, brown and red sand		0.0
		12		Black and tan sand		0.0
		12		Sample collected		0.0
5		12		Brown and tan sand		0.0
		12		Black and tan sand		0.0
		12		Reddish, tan and gray sand		0.0
		12		Yellow and tan silty sand	▼	0.0
		12		Yellow and tan silty sand	@8'	0.0
10		12		Yellow and tan silty sand. Boring terminated		0.0
		12				
		12				
15		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
03/24/2009	Geoprobe®	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-3	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Black sand		0.0
		12		Black sand		0.0
		12		Dark gray and brown sand		0.0
		12		Sample collected, tan sand		0.0
5		12		Tan sand with black streaking		0.0
		12		Reddish brown sand with black streaking		0.0
		12		Reddish brown sand with black streaking		0.0
		12		Reddish brown sand to light gray sand	▼ @8'	0.0
		12		Tan and gray sand		0.0
10		12		Tan and gray sand. Boring terminated		0.0
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
03/24/2009	Geoprobe®	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-4	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Black and brown silty sand		0.0
		12		Tan sand		0.0
		12		Reddish tan clayey sand		0.0
		12		Reddish tan clayey sand		0.0
5		12		Light red and tan clayey sand		0.0
		12		Sample collected. Light red and tan clayey sand with black streaking		1.6
		12		Gray and tan sand		0.0
		12		Gray and tan sand		0.0
		12		Gray and tan sand	▼ @9'	1.0
10		12		Gray and tan sand. Boring terminated		0.1
		12				
		12				
15		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
03/24/2009	Geoprobe®	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-5	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Black silty sand		0.0
		12		Reddish tan silty sand		0.0
		12		Reddish tan silty sand		0.0
		12		Reddish tan silty sand		0.0
5		12		Gray and tan sand		0.0
		12		Tan sand		0.0
		12		Tan sand		0.0
		12		Tan sand		0.0
		12		Gray and tan sand	▼ @9'	0.0
10		12		Gray and tan sand, sample collected. Boring terminated		0.0
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
03/24/2009	Geoprobe®	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-6	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Gray sand		0.0
		12		Brown and black sand		0.0
		12		Red and brown clayey sand		0.0
		12		Red and tan clayey sand		0.0
5		12		Tan sand		0.0
		12		Tan sand with black streaking		0.0
		12		Light gray and white sand		0.0
		12		Light gray and white sand		0.0
		12		Sample collected, light gray and white sand		3.8
10		12		Red and gray sand. Boring terminated	▼ @10'	0.0
		12				
		12				
15		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
03/24/2009	Geoprobe®	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-7	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Salt and pepper silty sand		0.0
		12		Red and brown sand		0.0
		12		Sample collected, red and brown sandy clay wit black streaking		9.6
		12		Tan sand		0.0
5		12		Light tan sand		0.0
		12		Light gray and white sand		0.0
		12		Light gray and white sand with black streaking		0.0
		12		Light gray and white sand with black streaking. Boring terminated	▼ @8'	0.0
		12				
10		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
03/24/2009	Manual	SEI	Hand Auger	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-8	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Black organic soil		4.2
		12		Black organic soil		
		12		Black sand		4.7
		12		Black sand and soot		3.7
5		12		Tan sand		3.8
		12		Tan and orange sand		3.1
		12		Orange sand		4.4
		12		Orange sandy clay moist		3.4
		12		Orange sandy to white sandy clay		6.0
10		12		White sand		4.2
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/23/2009	Manual	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-9	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Fill		0.8
		12		Fill		0.8
		12		Fill		0.8
		12		Grey sand		0.0
5		12		Grey sand		0.0
		12		Black and brown sand to orange sandy clay		2.0
		12		Orange sandy clay		1.3
		12		Grey clay, some sand, moist		0.9
		12		Orange and grey sand some clay		1.4
10		12		White sand wet		0.6
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/23/2009	Manual	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-10	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Black organic sand some silt		1.5
		12		Orange soil sand, fill, concrete, brick		1.6
		12		Grey fine sand		1.1
		12		Black and brown fine sand		1.2
5		12		Black and brown to orange sand		0.3
		12		Black sandy clay, orange moist		4.0
		12		Black sandy clay, orange moist		2.8
		12		Sandy clay orange, moist		3.6
		12		Sandy clay orange, moist		4.1
10		12		White sand wet		4.1
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/23/2009	Manual	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-11	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Fill black organic and brown fill, some concrete		4.8
		12		Fill black organic and brown fill, some concrete		
		12		Black and brown sand		4.0
		12		Tan to grey sand		3.3
5		12		Brown sand brick debris		3.1
		12		Black and grey, fill, brick, sand		2.4
		12		Grey sand, Moist		2.8
		12		Orange and grey clay some sand		4.1
		12		Grey clay some sand		4.7
10		12		White sand, Moist, wet		4.6
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/23/2009	Manual	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-12	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Black organic sandy soil		3.6
		12		Black organic sandy soil		
		12		Grey and brown sand, some fill		4.4
		12		Tan sand		1.2
5		12		Wet tan sand, some clay		1.8
		12		Black sand to tan sandy clay, moist		2.4
		12		Wet, grey clay, some sand		2.5
		12		Wet, grey clay, some sand		2.3
		12		Dark grey wet sand		2.5
10		12		Grey and white sand, wet		3.8
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/23/2009	Manual	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-13	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Black organic		2.0
		12		Black organic		
		12		Black soot sand layer		2.8
		12		Black soot sand layer		3.0
5		12		Tan fine sand		3.1
		12		Tan fine sand, moist		3.2
		12		Tan fine sand to wet sand with clay		3.6
		12		Tan wet sandy clay		4.0
		12		Tan wet sandy clay		5.0
10		12		Tan to white sand		4.4
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/23/2009	Manual	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-14	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Grey and Tan Silt		1.4
		12		Tan Silt		1.2
		12		Soot		0.9
		12		Grey Silt / Soot		0.8
5		12		Tan Silt		0.9
		12		Tan Silt		1.9
		12		Orange sandy Silt, Moist		1.7
		12		Orange sandy Silt, Moist		1.3
		12		Orange sandy Silt, Moist		1.6
10		12		Tan Sand , Wet		1.7
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
02/23/2010	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-15	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Orange and Tan Sandy Silt		1.3
		12		Orange and Tan Sandy Silt		1.3
		12		Black and Grey Silt		0.4
		12		Black and Grey Silt		0.4
5		12		Orange Fine Sand and Clay		0.7
		12		Orange Fine Sand and Clay		0.8
		12		Orange Fine Sand and Clay Moist		0.7
		12		Orange Sand Wet		0.7
		12		Orange Sand Wet		0.4
10		12		Tan Sand Wet		0.9
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
02/23/2010	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-16	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Organics Tan Sand		1.0
		12		Tan Sand		1.1
		12		Tan Sand to Silt to Grey Silt		0.9
		12		Brown Silt		0.9
5		12		Tan Sand Moist		1.4
		12		Tan Sand Moist		1.6
		12		Tan sand Moist		1.4
		12		White Sand Wet		1.6
		12		White Sand Wet		1.8
10		12		White Sand Saturated		2.3
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
02/23/2010	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-17	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Tan Sand and Silt		0.9
		12		Tan sand and Brick and Silt		0.4
		12		Grey Silt, Coal		0.1
		12		Orange Silt and Sand		0.5
5		12		Orange Fine Sand, Moist		0.8
		12		Orange Fine Sand, Moist		1.8
		12		Orange fine Sand, Moist		0.8
		12		Orange and Tan, Sand and Clay		0.6
		12		Orange Sand, Wet		0.7
10		12		Orange Sand, Wet		1.0
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
02/23/2010	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-18	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Grey and Tan Sandy Silt		0.4
		12		Soot Layer		0.0
		12		Tan Fine Sand and Silt		1.4
		12		Gravel and Soot		0.5
5		12		Brown Red Fine San and Silt		0.6
		12		Orange Fine Sand and Silt		0.5
		12		Orange Sandy, Clay, Moist		0.9
		12		Orange Sandy, Clay, Moist		0.3
		12		Tan Sand, Wet		0.4
10		12		Tan Sand, Wet		1.0
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
02/23/2010	GeoProbe	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-19	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Crush and Run		2.6
		12		Tan Silt to Soot Layer		2.9
		12		Soot Layer to Grey Silt		1.9
		12		Grey Silt		2.2
5		12		Grey Silt		1.5
		12		Grey Silt		2.2
		12		White Silty Sand, Moist		4.8
		12		Orange Silt, Moist		4.4
		12		Orange Silt, wet		4.3
10		12		White Silty Sand, Wet		7.2
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
02/23/2010	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-20	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Orange Sandy Clay		7.5
		12		Black Silt Soot		5.4
		12		Tan Sandy Clay with Silt		7.1
		12		Black and Grey Sandy Silt		9.7
5		12		Grey Silty, Moist, Strong Petroleum Odor		34.4
		12		Free Product Grey Sand, Strong Odor		69.9
		12		Grey Sand, Strong Odor, Moist		90.9
		12		Grey Sand, Wet Strong Odor		59.0
		12		Grey Sand, Wet Strong Odor		47.9
10		12		Grey and White Sand, Wet, Strong Odor		37.0
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
02/23/2010	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-21	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Orange Sand		4.7
		12		Tan and Black Sand		6.5
		12		Brown Sand		7.2
		12		Grey Silt		11.3
5		12		Moist Grey Silt		5.5
		12		Saturated Grey Silt		24.1
		12		Wood Fill Timber		28.1
		12		Wood Timber		56.7
		12		Grey Silty Clay		15.8
10		12		Grey Silty Clay		10.1
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
02/23/2010	GeoProbe	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-22	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Tan and Orange Silt		4.1
		12		Soot		1.5
		12		Soot to Grey Silt		1.8
		12		Grey Silt		1.4
5		12		Grey Silt with Tan Silt		1.4
		12		Grey Silt with Tan Silt		2.4
		12		Tan and White Sandy Silt, Moist		2.0
		12		White and Tan Fine Sand, Wet		1.0
		12		White Sand Wet		1.2
10		12		White Sand Wet		1.4
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
02/23/2010	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-23	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Grey Sand and Gravel		0.0
		12		Black Soot, Fine Sand		0.4
		12		Orange and Grey Fine Sand		0.5
		12		Orange and Grey Fine Sand		0.6
5		12		Grey Clayey Sand		0.0
		12		Grey Clayey Sand		1.3
		12		Grey Sand, Wet		0.5
		12		Grey Sand, Wet		0.0
		12				
10		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/19/10	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-24	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Brown Grey Gravel, Sand to Soot		0.9
		12		Black Soot		1.0
		12		Black Soot to Red brown Fine Sand		1.0
		12		Red Brown Fine Medium Gravel		1.2
5		12		Yellow Brown Sand, Saturated		1.3
		12		Yellow Brown Sand, Saturated		0.6
		12		Yellow Red Clay Sand		0.5
		12		Tan and Grey sandy Clay		1.5
		12				
10		12				
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/19/10	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-25	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Grey Fine Sand		2.1
		12		Soot Layer Fading to Grey Sand		1.87
		12		Brownish Red Sand to Reddish Fine Sand		1.8
		12		Light Tan, Fine Sand		1.2
5		12		Light Tan, Fine Sand, Moist		1.7
		12		Light Grey Silty Sand, Wet		1.8
		12		Light Grey Silty Sand, Wet		2.1
		12		Yellowish Clayey Sand, Wet		1.3
		12				
10		12				
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/19/10	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-26	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Brownish Grey Silty Sand		1.0
		12		Pale Grey Sand, Fine		0.5
		12		Light Yellow Fine Sand to Brownish Red Clayey Sand		0.4
		12		Brownish Red Clayey Sand		0.4
5		12		Brownish Red Clayey Sand		0.3
		12		Orangish Sand to Orangish Clayey Sand		6.6
		12		Orangish Clayey Sand		0.2
		12		Orangish Clayey Sand to Grey Sand		0.6
		12				
10		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/19/10	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-27	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Grayish Brown Gravelly Sand		0.5
		12		Yellowish Grey fine Sand to Orange Clayey Silty Sand		0.4
		12		Yellowish Grey fine Sand to Orange Clayey Silty Sand		0.6
		12		Yellowish Grey fine Sand to Orange Clayey Silty Sand		0.7
5		12		Grey Fine Sand to Orange Sand		0.5
		12		Yellow Orange Fine Sand to Red Orange Fine Sand		0.2
		12		Red Orange Fine Sand		0.1
		12		Orangish Fine Sand Moist		0.2
		12				
10		12				
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/19/10	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-28	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Grey Gravel Sand		0.2
		12		Soot Brown Black Fine Sand		28.2
		12		Dark Grey Fine Sand		15.2
		12		Grey Fine Sand to Brown Fine Sand		1.5
5		12		Grayish Brown Fine Sand		0.9
		12		Grayish Brown Fine Sand to Orangish Clay Silty Sand		2.5
		12		Orangish Clay Silty Sand to Light Brown Sand Moist		0.7
		12		Grey Sand Wet		0.4
		12				
10		12				
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/19/10	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-29	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		White Grey Gravelly Fine Sand		0.5
		12		Blackish Soot, Sandy		0.6
		12		Blackish Soot, Sandy		0.7
		12		Blackish Soot, Sandy		0.4
5		12		Dark Brown Fine Sand to Pale Brown fine Sand		0.5
		12		Blackish Soot Fine Sand to Orangish Fine Silty Sand		0.5
		12		Grey Sand, Moist		0.3
		12		Grey Sand, Moist		0.1
		12				
10		12				
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/19/10	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-30	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		White Grey Gravelly Fine Sand		0.5
		12		White Grey Gravelly Fine Sand to Orangish Friable Fine Sand		0.5
		12		Orangish Friable Fine Sand to Blackish Soot Fine Sand		0.5
		12		Blackish Soot Fine Sand		0.5
5		12		Blackish Soot Fine Sand		0.6
		12		Blackish Soot Fine Sand to Grey Brown Fine Silty Sand, Moist		0.5
		12		Grey Brown Fine Silty Sand Moist to Grey Sand, Wet		0.5
		12		Grey Brown Fine Silty Sand Moist to Grey Sand, Wet		0.4
		12				
10		12				
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/19/10	GeoProbe	SEI	Direct Push	.

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-31	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Dark Brown Sand, Some Gravel		1.6
		12		Black Compressed Soot Sand to Light Brown Fine Sand		1.6
		12		Blackish Soot with Brick Fragments		12.6
		12		Blackish Soot with Brick Fragments to Grey / Brown Fine Sand, Moist Petroleum Odor		33.5
5		12		Grey / Brown Silty Clayey Sand, Moist, Petroleum Odor		19.1
		12		Grey / Brown Silty Clayey Sand, Moist, Petroleum Odor		1.0
		12		Grey Fine Sand, Petroleum Odor		25.4
		12		Light Grey Sand, Wet, Less Odor		16.5
		12				
10		12				
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/19/10	GeoProbe	SEI	Direct Push	

CLIENT	JOB #	BORING #	SHEET
Investors Trust Mutual	22-13842E	S-32	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Wrightsville Avenue REC Site	Amy Conchas

SITE LOCATION
2505 Wrightsville Avenue, Wilmington, New Hanover County, North Carolina

ECS LLP CAROLINAS

DEPTH (ft)	SAMPLE TYPE	SAMPLE DISTANCE (in)	RECOVERY (in)	DESCRIPTION OF MATERIAL APPROXIMATE ELEVATION : ** FEET ABOVE MSL	WATER LEVEL (feet below land surface)	FID READINGS (ppm)
		12		Grey Gravely Fine Sand		0.3
		12		Black Soot Fine Sand		0.4
		12		Orange Grey Clayey Sand		0.5
		12		Orange Grey Clayey Sand, Moist		0.8
5		12		Grey Silty Sand, Moist		1.0
		12		Grey Silty Sand, Moist		0.6
		12		Grey Clayey Sand, Moist		0.5
		12		Grey Clayey Sand, Wet		0.9
		12				
10		12				
		12				
		12				
		12				
		12				
15		12				
		12				
		12				
		12				
		12				
20		12				

THE STRATIFICATION LINE REPRESENTS THE APPROXIMATE BOUNDARY LINE BETWEEN SOIL TYPES IN-SITU. THE TRANSITION MAY BE GRADUAL.

DATE INSTALLED	RIG TYPE	FOREMAN	DRILLING METHOD	NOTES
11/19/10	GeoProbe	SEI	Direct Push	.

APPENDIX B
MONITORING WELL CONSTRUCTION RECORD

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3482-A

1. WELL CONTRACTOR:

Amy Conchas
Well Contractor (Individual) Name

ECS Carolinas, LLP
Well Contractor Company Name

7211 Ogden Business Park, Suite 201
Street Address

Wilmington NC 28411
City or Town State Zip Code

(910) 686-9114
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable)

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 03/24/09

4. WELL LOCATION:

2501 Wrightsville Avenue
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Wilmington COUNTY New Hanover

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☑Flat ☐Ridge ☐Other

LATITUDE 34 ° 13 ' 36.6710 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 77 ° 54 ' 50.5730 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑GPS ☐Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Wrightsville Avenue
Facility Name Facility ID# (if applicable)

2501 to 2509 Wrightsville Avenue
Street Address

Wilmington NC
City or Town State Zip Code

c/o Steve Pike with Investors Mutual Trust
Contact Name

121 North Columbia Street
Mailing Address

Chapel Hill NC 27514
City or Town State Zip Code

(919) 945-2459
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 20

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 8 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** _____ **METHOD OF TEST** _____

f. **DISINFECTION: Type** _____ **Amount** _____

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 10	Ft. 1 inch	Sch 40	PVC
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top	Bottom	Ft.	
Top	Bottom	Ft.	
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 10	Bottom 20	Ft. 1 in.	0.010 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 8	Bottom 10	Ft.	Well Sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
0	2	Black and brown sand
2	7	Brown, black and tan sand
7	20	Tan sand

12. REMARKS:

~~TW-S-2 Temporary Well~~

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Amy Conchas 3-25-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Amy Conchas
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3482-A

1. WELL CONTRACTOR:

Amy Conchas
Well Contractor (Individual) Name

ECS Carolinas, LLP
Well Contractor Company Name

7211 Ogden Business Park, Suite 201
Street Address

Wilmington NC 28411
City or Town State Zip Code

(910) 686-9114
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable)

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation☐ Other ☐ (list use)

DATE DRILLED 03/24/09

4. WELL LOCATION:

2501 Wrightsville Avenue
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Wilmington COUNTY New Hanover

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☑Flat ☐Ridge ☐Other

LATITUDE 34 ° 13 ' 38.0160 " DMS **OR** 3x.xxxxxxxx DD

LONGITUDE 77 ° 54 ' 51.0160 " DMS **OR** 7x.xxxxxxxx DD

Latitude/longitude source: ☑GPS ☐Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Wrightsville Avenue
Facility Name Facility ID# (if applicable)

2501 to 2509 Wrightsville Avenue
Street Address

Wilmington NC
City or Town State Zip Code

c/o Steve Pike with Investors Mutual Trust
Contact Name

121 North Columbia Street
Mailing Address

Chapel Hill NC 27514
City or Town State Zip Code

(919) 945-2459
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 20

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** **METHOD OF TEST**

f. **DISINFECTION: Type** **Amount**

g. **WATER ZONES** (depth):
Top Bottom Top Bottom
Top Bottom Top Bottom
Top Bottom Top Bottom

7. CASING:	Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 10	Ft.	1 inch	Sch 40	PVC
Top	Bottom	Ft.			
Top	Bottom	Ft.			

8. GROUT:	Depth		Material	Method
Top	Bottom	Ft.		
Top	Bottom	Ft.		
Top	Bottom	Ft.		

9. SCREEN:	Depth		Diameter	Slot Size	Material
Top 10	Bottom 20	Ft.	1 in.	0.010 in.	PVC
Top	Bottom	Ft.	in.	in.	
Top	Bottom	Ft.	in.	in.	

10. SAND/GRAVEL PACK:

	Depth		Size	Material
Top 8	Bottom 10	Ft.		Well Sand
Top	Bottom	Ft.		
Top	Bottom	Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	1	Black silty sand
1	4	Reddish tan silty sand
4	6	Gray and tand sand
6	10	Tan sand

12. REMARKS:

~~TW-S-5 Temporary Well~~

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Amy Conchas 3-25-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Amy Conchas
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3482-A

1. WELL CONTRACTOR:

Amy Conchas
Well Contractor (Individual) Name

ECS Carolinas, LLP
Well Contractor Company Name

7211 Ogden Business Park, Suite 201
Street Address

Wilmington NC 28411
City or Town State Zip Code

(910) 686-9114
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable)

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 03/24/09

4. WELL LOCATION:

2501 Wrightsville Avenue
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Wilmington COUNTY New Hanover

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 34 ° 13 ' 37.8680 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 77 ° 54 ' 50.1890 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Wrightsville Avenue
Facility Name Facility ID# (if applicable)

2501 to 2509 Wrightsville Avenue
Street Address

Wilmington NC
City or Town State Zip Code

c/o Steve Pike with Investors Mutual Trust
Contact Name

121 North Columbia Street
Mailing Address

Chapel Hill NC 27514
City or Town State Zip Code

(919) 945-2459
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 20

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 10 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** **METHOD OF TEST**

f. **DISINFECTION: Type** **Amount**

g. **WATER ZONES** (depth):
Top Bottom Top Bottom
Top Bottom Top Bottom
Top Bottom Top Bottom

7. CASING:	Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 10	Ft.	1 inch	Sch 40	PVC
Top	Bottom	Ft.			
Top	Bottom	Ft.			

8. GROUT:	Depth		Material	Method
Top	Bottom	Ft.		
Top	Bottom	Ft.		
Top	Bottom	Ft.		

9. SCREEN:	Depth		Diameter	Slot Size	Material
Top 10	Bottom 20	Ft.	1 in.	0.010 in.	PVC
Top	Bottom	Ft.	in.	in.	
Top	Bottom	Ft.	in.	in.	

10. SAND/GRAVEL PACK:	Depth		Size	Material
Top 8	Bottom 10	Ft.		Well Sand
Top	Bottom	Ft.		
Top	Bottom	Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	2	Grey, organics,sand and fill
2	20	Tan and orange sand

12. REMARKS:

~~TW-S-6 Temporary Well~~

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Amy Conchas 3-25-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Amy Conchas
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

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Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3482-A

1. WELL CONTRACTOR:

Amy Conchas
Well Contractor (Individual) Name

ECS Carolinas, LLP
Well Contractor Company Name

7211 Ogden Business Park, Suite 201
Street Address

Wilmington NC 28411
City or Town State Zip Code

(910) 686-9114
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable)

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 11/23/09

4. WELL LOCATION:

2501 Wrightsville Avenue
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Wilmington COUNTY New Hanover

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 34 ° 13 ' 36.6710 " DMS **OR** 3x.xxxxxxxxx DD

LONGITUDE 77 ° 54 ' 50.5730 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Wrightsville Avenue
Facility Name Facility ID# (if applicable)

2501 to 2509 Wrightsville Avenue
Street Address

Wilmington NC
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c/o Steve Pike with Investors Mutual Trust
Contact Name

121 North Columbia Street
Mailing Address

Chapel Hill NC 27514
City or Town State Zip Code

(919) 945-2459
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 20

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 6.87 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** _____ **METHOD OF TEST** _____

f. **DISINFECTION: Type** _____ **Amount** _____

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 5 Ft.	2 inch	Sch 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 2	Bottom 3 Ft.	Bentonite	Poured
Top 0	Bottom 2 Ft.	Cement	Poured
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 5	Bottom 20 Ft.	2 in.	0.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 3	Bottom 20 Ft.		Well Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	1	Tan, organics and sand
1	3	Black and red sand
3	6	Black and grey sand
6	10	Red and tan sandy clay
10	20	Red and tan sand

12. REMARKS:

~~MW-1~~

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Amy Conchas 11-23-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Amy Conchas
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

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NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3482-A

1. WELL CONTRACTOR:

Amy Conchas
Well Contractor (Individual) Name

ECS Carolinas, LLP
Well Contractor Company Name

7211 Ogden Business Park, Suite 201
Street Address

Wilmington NC 28411
City or Town State Zip Code

(910) 686-9114
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable)

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 11/23/09

4. WELL LOCATION:

2501 Wrightsville Avenue
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Wilmington COUNTY New Hanover

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 34 ° 13 ' 37.8680 " DMS OR 3x.xxxxxxxxx DD

LONGITUDE 77 ° 54 ' 50.1890 " DMS OR 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Wrightsville Avenue
Facility Name Facility ID# (if applicable)

2501 to 2509 Wrightsville Avenue
Street Address

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City or Town State Zip Code

c/o Steve Pike with Investors Mutual Trust
Contact Name

121 North Columbia Street
Mailing Address

Chapel Hill NC 27514
City or Town State Zip Code

(919) 945-2459
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 20

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: 9.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** _____ **METHOD OF TEST** _____

f. **DISINFECTION: Type** _____ **Amount** _____

g. **WATER ZONES** (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 5 Ft.	2 inch	Sch 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 2	Bottom 3 Ft.	Bentonite	Poured
Top 0	Bottom 2 Ft.	Cement	Poured
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 5	Bottom 20 Ft.	2 in.	0.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 3	Bottom 20 Ft.		Well Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
0	2	Grey, organics,sand and fill
2	20	Tan and orange sand

12. REMARKS:

~~MW-2~~

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Amy Conchas 11-23-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Amy Conchas
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

APPENDIX C
GEOPHYSICAL INVESTIGATION REPORT

innovative solutions
Geo Solutions Ltd.
to every day problems

P.O. Box 37698
Raleigh, North Carolina 27627
(919) 233-5858 (Phone) (919) 349-6237 (Cell)
(919) 233-9454 (Fax)
rcrowson@nc.rr.com

November 20, 2010

Ms. Amy Conchas, REM
ECS, LLP
7211 Odgen Business Park, Suite 201
Wilmington, NC 28411

Re: Geophysical Investigation of Potential Underground Storage Tanks, 2503 Wrightsville Avenue, Wilmington, North Carolina

Dear Ms. Amy Conchas:

Geo Solutions Limited, Inc. (Geo Solutions) is pleased to submit this report of findings for a geophysical survey completed on October 25, 2010 at a site situated at 2503 Wrightsville Avenue, Wilmington, North Carolina (Figures 1 to 3 for years 2010, 2006 and 1974 respectively).

Background

ECS Carolinas, LLP. (ECS) is currently conducting an Environmental Assessment at a site located in Wilmington, North Carolina. ECS has been told that a portion of the property may contain former underground storage tanks (USTs) and/or other buried features associated with a former retail center that included a Laundromat, business office, and restaurant. As such, ECS contracted Geo Solutions to complete a limited geophysical evaluation over an approximate 1-acre area utilizing a portable multifrequency electromagnetic (EM) profiler and ground-penetrating radar (GPR).

Field Activities

Geo Solutions completed two types of geophysical surveys as part of the investigation:

1. Geo Solutions completed a detailed EM evaluation (survey lines spaced at approximately 5-ft and data points every foot along each profile line). These data were collected utilizing a Geophex Model GEM-2. The location of the data points was obtained using a global positioning survey system (GPS) with sub meter accuracy. From this data, Geo Solutions prepared a site map illustrating the

distribution of buried and overhead power lines (Figure 4), the in-phase (metal detection mode, Figure 5) and quadrature (apparent conductivity, Figure 6) values.

2. Geo Solutions also completed a limited Ground-penetrating radar (GPR) evaluation of portions of the site where anomalous EM results indicate potential USTs or buried debris. Because the site is located within the coastal plain region of North Carolina, the soils contain high concentrations of clay minerals. As anticipated, the presence of clay minerals in the subsurface greatly hampered the depth of detection by the GPR equipment. Geo Solutions obtained some records to depths of 7 feet by utilizing low-frequency (200 MHz) GPR and mid-frequency 500 MHz antennas.

Results

<u>EM Evaluation</u>
The EM results are presented in Figures 4, 5 and 6.

During the investigation, Geo Solutions identified the location of some of the existing utilities as well as the location of unknown metallic and non-metallic debris. Figure 4 presents the results of buried and overhead active power lines as indicated by linear red hues along the western boundary of the property (identified as a black dashed line).

Figure 5 illustrates the results of the 19990 Hz In-phase data. This information is generally used to indicate the location of buried metal material. This would include but not limited to: buried concrete with metal reinforcement (i.e., culverts), buried underground storage tanks (USTs), septic tanks, and fences. Buried metal material is represented by red hues. Other prominent red hues are present and have been accounted for by the presence of metal (wire mesh) fences, and observed scattered surface debris and suspected buried metal debris. An unexplained strong “red hue” anomaly is present along the eastern corner of the site. Here, ground probing with a metal rod discovered a resistant surface at approximately 12 inches in depth. The surface appeared to be concrete, and as such, we suspect the anomaly to be associated with a potential vault or septic tank system.

Figure 6 illustrates the results of the total apparent conductivity values. Here, red hues indicated the most conductive soils while green hues indicate the least conductive soils. Areas where the soils are most conductive correspond, more or less, to areas where the ground has the highest moisture content, and potentially those areas that may be affected by conductive groundwater. Small anomalous areas identified in Figure 6 are likely buried debris. However a large red anomaly centered around boring S-14 is unexplained and may be related to the suspected septic system identified to the east of this anomaly.

GPR Evaluation

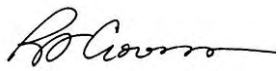
The GPR site survey evaluations were completed following the completion of the EM survey. Because the EM survey did indicate the presence of potential underground structures on the property, Geo Solutions completed specific GPR traverses on areas of the site thought to contain anomalous conditions. Here, two large buried features in the vicinity of S-20 and S-13 were evaluated and found to be flat circular features and did not appear to be underground storage tanks, rather they may likely be remnants of metal debris. Geo Solutions also evaluated another feature situated between S-17 and S-18 near the head of the western graveled drive. Here, the EM evaluation identified a potential buried tank (a small area approximately 4 by 6 feet is size). However, the GPR data did not confirm this feature as a UST.

Summary and Recommendations

Based on the results of the EM and GPR evaluations no former building foundations we found on the site. However, Geo Solutions did identify several areas that were marked on the ground with marking paint as potential targets including two specific targets near boreholes S-17 and S-18; and S-20 and S-13. A third area (S-13) exhibits unexplained elevated soil conductivity. As such, Geo Solutions recommends that these three features be identified using invasive technology.

Geo Solutions is pleased to be provided this opportunity, please give me a call should you have any questions concerning the above.
Very truly yours,

GEO SOLUTIONS LIMITED, INC.



Ronald A. Crowson
Geophysicist

Figures 1 through 6

MULTIFREQUENCY EM GEOPHYSICAL SURVEY
2010 AERIAL FROM GOOGLE

0 60

SCALE IN FEET

FIGURE 1

Geo Solutions Ltd.

MULTIFREQUENCY EM GEOPHYSICAL SURVEY
2006 AERIAL

0 60

SCALE IN FEET

FIGURE 2

Geo Solutions Ltd.

MULTIFREQUENCY EM GEOPHYSICAL SURVEY
1974 AERIAL

0 60

SCALE IN FEET

FIGURE 3

Geo Solutions Ltd.

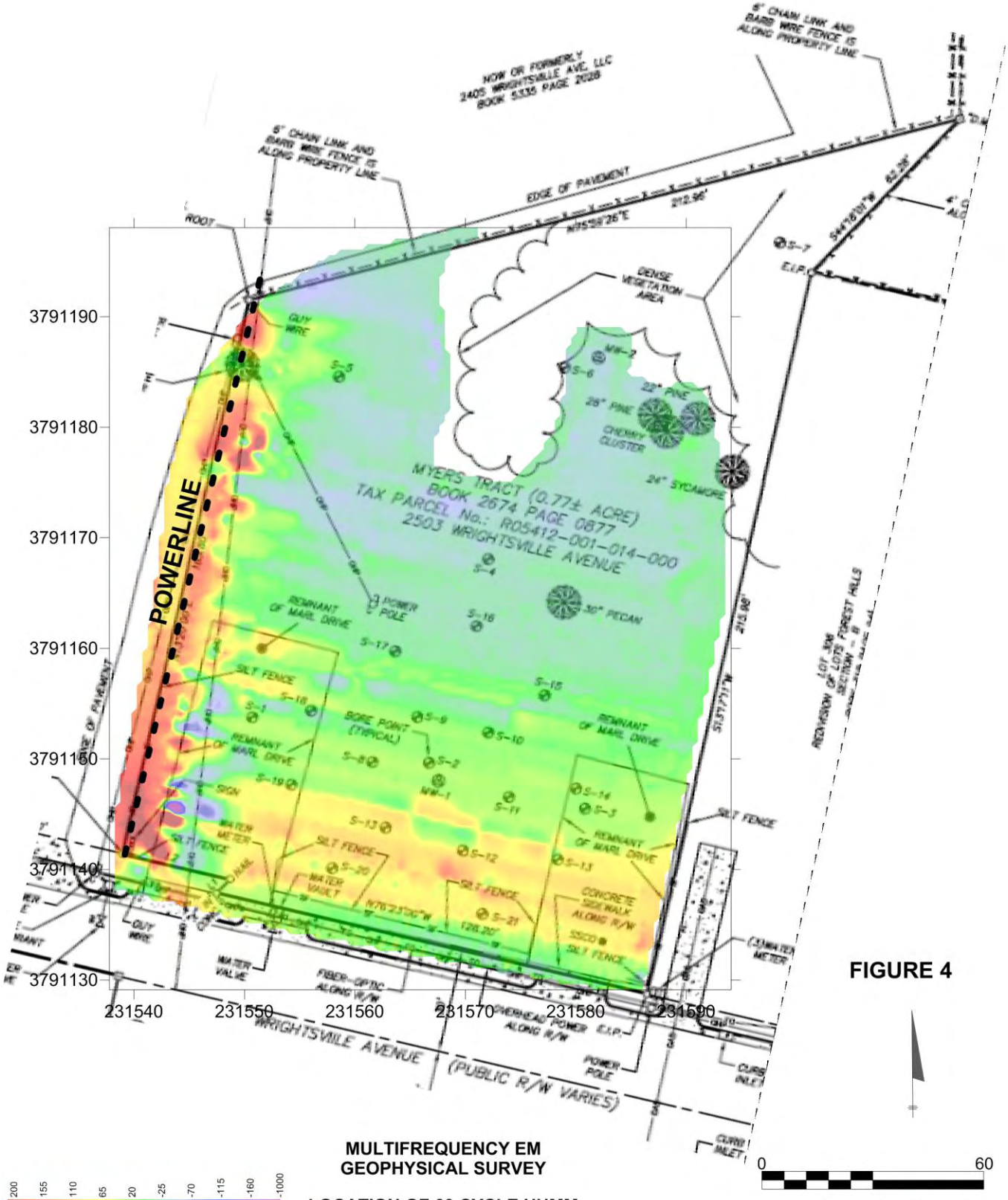


FIGURE 4

MULTIFREQUENCY EM GEOPHYSICAL SURVEY

LOCATION OF 60 CYCLE HUMM AC POWERLINE UTILITIES

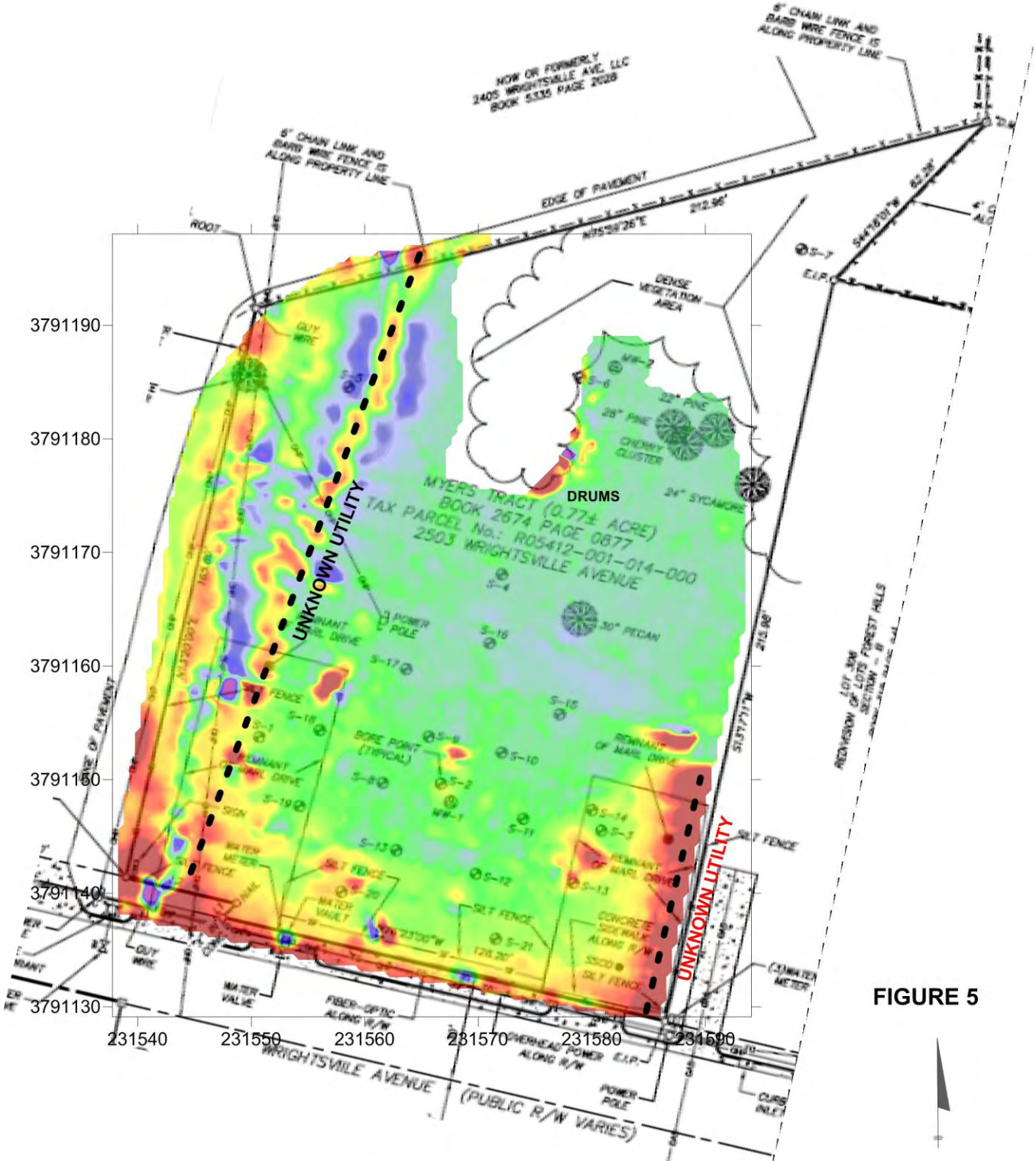
200 155 110 65 20 -25 -70 -115 -160 -1000

POWER LINE

0 60

SCALE IN FEET

Geo Solutions Ltd.



MULTIFREQUENCY EM GEOPHYSICAL SURVEY

4000 3100 2200 1300 400 -500 -1400 -2300 -3200 -10000

IN-PHASE DATA (PPM)

0 60

SCALE IN FEET

RESULTS OF MFEM SURVEY 90300 Hz IN-PHASE DATA

Geo Solutions Ltd.

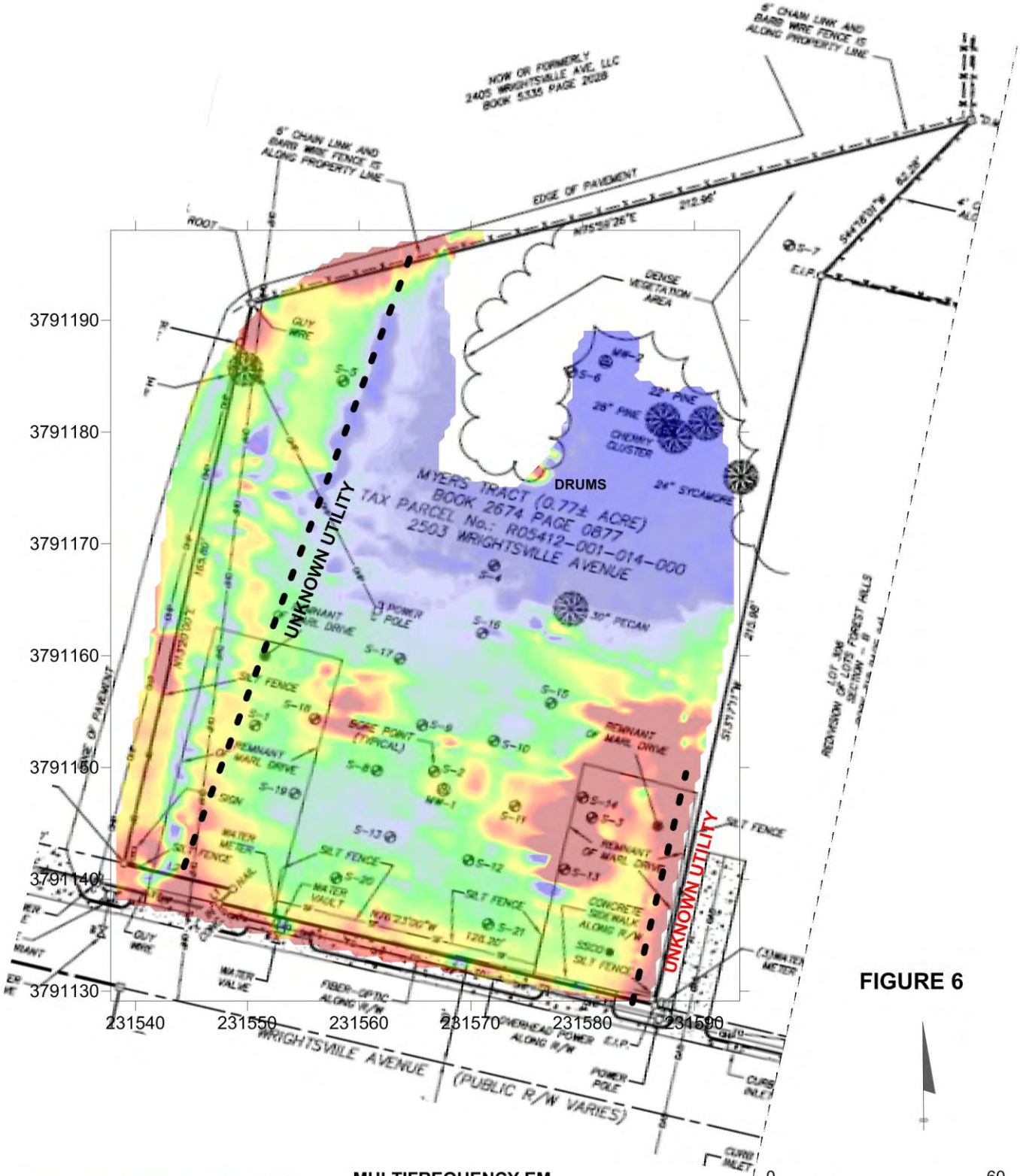


FIGURE 6

MULTIFREQUENCY EM GEOPHYSICAL SURVEY

4000 3100 2200 1300 400 -500 -1400 -2300 -3200 -10000

APPARENT CONDUCTIVITY (mS/M)

0 60

SCALE IN FEET

RESULTS OF MFEM SURVEY 90300 Hz CONDUCTIVITY DATA

Geo Solutions Ltd.

APPENDIX D
LABORATORY REPORTS

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Tuesday, March 31, 2009

ECS - Wilmington (EA026)

Attn: Amy Conchas

7211 Ogden Business Park Suite 201

Wilmington, NC 28411

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Wrightsville Avenue REC
ENCO Workorder: C903684

Dear Amy Conchas,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, March 25, 2009.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 35.

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: TW-S-2 **Lab ID:** C903684-01 **Sampled:** 03/24/09 13:55 **Received:** 03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	09/20/09		03/25/09	14:48	3/30/2009 15:02
EPA 6020	09/20/09		03/25/09	14:50	3/27/2009 13:20
EPA 7470A	04/21/09		03/25/09	14:55	3/26/2009 15:59
EPA 8260B	04/07/09		03/26/09	10:03	3/26/2009 15:04
EPA 8270C	03/31/09	05/05/09	03/26/09	08:39	3/27/2009 08:41

Client ID: TW-S-5 **Lab ID:** C903684-02 **Sampled:** 03/24/09 14:25 **Received:** 03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	09/20/09		03/25/09	14:48	3/30/2009 15:04
EPA 6020	09/20/09		03/25/09	14:50	3/27/2009 13:23
EPA 7470A	04/21/09		03/25/09	14:55	3/26/2009 16:45
EPA 8260B	04/07/09		03/26/09	10:03	3/26/2009 15:34
EPA 8270C	03/31/09	05/05/09	03/26/09	08:39	3/27/2009 09:11

Client ID: TW-S-6 **Lab ID:** C903684-03 **Sampled:** 03/24/09 15:00 **Received:** 03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	09/20/09		03/25/09	14:48	3/30/2009 15:07
EPA 6020	09/20/09		03/25/09	14:50	3/27/2009 13:26
EPA 7470A	04/21/09		03/25/09	14:55	3/26/2009 16:10
EPA 8260B	04/07/09		03/26/09	10:03	3/26/2009 16:04
EPA 8270C	03/31/09	05/05/09	03/26/09	08:39	3/27/2009 09:42

Client ID: Duplicate **Lab ID:** C903684-04 **Sampled:** 03/24/09 14:30 **Received:** 03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	09/20/09		03/25/09	14:48	3/30/2009 15:09
EPA 6020	09/20/09		03/25/09	14:50	3/27/2009 13:30
EPA 7470A	04/21/09		03/25/09	14:55	3/26/2009 16:13
EPA 8260B	04/07/09		03/26/09	10:03	3/26/2009 16:34
EPA 8270C	03/31/09	05/05/09	03/26/09	08:39	3/27/2009 10:12

Client ID: Trip Blank **Lab ID:** C903684-05 **Sampled:** 03/24/09 13:55 **Received:** 03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	04/07/09		03/26/09	10:03	3/26/2009 14:34

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SAMPLE DETECTION SUMMARY

Client ID: TW-S-2 **Lab ID:** C903684-01

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	22.5		2.8	10.0	ug/L	EPA 6010B	
Beryllium - Total	1.08		0.08	1.00	ug/L	EPA 6010B	
Cadmium - Total	0.20	J	0.09	1.00	ug/L	EPA 6010B	
Chromium - Total	110		0.7	10.0	ug/L	EPA 6010B	
Copper - Total	15.4		0.81	10.0	ug/L	EPA 6010B	
Lead - Total	50.8		1.6	10.0	ug/L	EPA 6010B	
Mercury - Total	0.16	J	0.11	0.20	ug/L	EPA 7470A	
Nickel - Total	26.7		0.6	10.0	ug/L	EPA 6010B	
Thallium - Total	0.194	J	0.036	1.00	ug/L	EPA 6020	
Zinc - Total	68.0		3.4	10.0	ug/L	EPA 6010B	

Client ID: TW-S-5 **Lab ID:** C903684-02

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	15.5		2.8	10.0	ug/L	EPA 6010B	
Beryllium - Total	0.33	J	0.08	1.00	ug/L	EPA 6010B	
Bis(2-ethylhexyl)phthalate	1.9	J	1.9	5.0	ug/L	EPA 8270C	
Chromium - Total	18.6		0.7	10.0	ug/L	EPA 6010B	
Copper - Total	2.65	J	0.81	10.0	ug/L	EPA 6010B	
Lead - Total	9.1	J	1.6	10.0	ug/L	EPA 6010B	
Nickel - Total	4.4	J	0.6	10.0	ug/L	EPA 6010B	
Selenium - Total	14.8		3.4	10.0	ug/L	EPA 6010B	
Thallium - Total	0.044	J	0.036	1.00	ug/L	EPA 6020	
Zinc - Total	28.8		3.4	10.0	ug/L	EPA 6010B	

Client ID: TW-S-6 **Lab ID:** C903684-03

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	33.9		2.8	10.0	ug/L	EPA 6010B	
Beryllium - Total	1.34		0.08	1.00	ug/L	EPA 6010B	
Cadmium - Total	0.09	J	0.09	1.00	ug/L	EPA 6010B	
Chromium - Total	112		0.7	10.0	ug/L	EPA 6010B	
Copper - Total	11.0		0.81	10.0	ug/L	EPA 6010B	
Lead - Total	57.0		1.6	10.0	ug/L	EPA 6010B	
Mercury - Total	0.14	J	0.11	0.20	ug/L	EPA 7470A	
Nickel - Total	28.1		0.6	10.0	ug/L	EPA 6010B	
Thallium - Total	0.230	J	0.036	1.00	ug/L	EPA 6020	
Zinc - Total	54.3		3.4	10.0	ug/L	EPA 6010B	

Client ID: Duplicate **Lab ID:** C903684-04

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	13.3		2.8	10.0	ug/L	EPA 6010B	
Beryllium - Total	0.38	J	0.08	1.00	ug/L	EPA 6010B	
Chromium - Total	20.1		0.7	10.0	ug/L	EPA 6010B	
Copper - Total	3.65	J	0.81	10.0	ug/L	EPA 6010B	
Lead - Total	11.4		1.6	10.0	ug/L	EPA 6010B	
Nickel - Total	4.6	J	0.6	10.0	ug/L	EPA 6010B	
Selenium - Total	19.5		3.4	10.0	ug/L	EPA 6010B	
Thallium - Total	0.038	J	0.036	1.00	ug/L	EPA 6020	
Zinc - Total	16.5		3.4	10.0	ug/L	EPA 6010B	

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ANALYTICAL RESULTS

Description: TW-S-2
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-01
Sampled: 03/24/09 13:55
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,3-Dichloropropane [142-28-9] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
2,2-Dichloropropane [594-20-7] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.94	U	ug/L	1	0.94	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
4-Chlorotoluene [106-43-4] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
4-Isopropyltoluene [99-87-6] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Bromobenzene [108-86-1] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Ethanol [64-17-5]	26	U	ug/L	1	26	50	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	

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Description: TW-S-2
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-01
Sampled: 03/24/09 13:55
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Naphthalene [91-20-3] ^	0.39	U	ug/L	1	0.39	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
n-Propyl Benzene [103-65-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
sec-Butylbenzene [135-98-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
tert-Butylbenzene [98-06-6] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 15:04	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*51-122*	*9C26015*	*EPA 8260B*	*03/26/09 15:04*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*91 %*	*68-117*	*9C26015*	*EPA 8260B*	*03/26/09 15:04*	*JKG*	
Toluene-d8	*44*	*1*	*50.0*	*88 %*	*69-110*	*9C26015*	*EPA 8260B*	*03/26/09 15:04*	*JKG*	

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Description: TW-S-2
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-01
Sampled: 03/24/09 13:55
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
1,2-Dichlorobenzene [95-50-1] ^	2.3	U	ug/L	1	2.3	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
1,3-Dichlorobenzene [541-73-1] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
1,4-Dichlorobenzene [106-46-7] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
1-Methylnaphthalene [90-12-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2,4-Dimethylphenol [105-67-9] ^	3.0	U	ug/L	1	3.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2,4-Dinitrophenol [51-28-5] ^	1.7	U	ug/L	1	1.7	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2,4-Dinitrotoluene [121-14-2] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2-Chloronaphthalene [91-58-7] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2-Chlorophenol [95-57-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2-Methylnaphthalene [91-57-6] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
2-Nitrophenol [88-75-5] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.9	U	ug/L	1	1.9	20	9C26005	EPA 8270C	03/27/09 08:41	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
4-Nitroaniline [100-01-6] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Acenaphthene [83-32-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Acenaphthylene [208-96-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Anthracene [120-12-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Benzidine [92-87-5] ^	1.5	U	ug/L	1	1.5	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Benzo(a)anthracene [56-55-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Benzo(a)pyrene [50-32-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Benzo(b)fluoranthene [205-99-2] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Benzo(k)fluoranthene [207-08-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Benzoic acid [65-85-0] ^	4.3	U	ug/L	1	4.3	50	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Benzyl alcohol [100-51-6] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.9	U	ug/L	1	1.9	5.0	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Diethylphthalate [84-66-2] ^	1.3	U	ug/L	1	1.3	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Dimethylphthalate [131-11-3] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Di-n-butylphthalate [84-74-2] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Di-n-octylphthalate [117-84-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	

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Description:	TW-S-2	**Lab Sample ID:**	C903684-01	**Received:**	03/25/09 10:30
Matrix:	Ground Water	**Sampled:**	03/24/09 13:55	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Fluorene [86-73-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Hexachlorobenzene [118-74-1] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Hexachlorobutadiene [87-68-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Hexachloroethane [67-72-1] ^	2.4	U	ug/L	1	2.4	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Isophorone [78-59-1] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Naphthalene [91-20-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.9	U	ug/L	1	1.9	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Pentachlorophenol [87-86-5] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Phenanthrene [85-01-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Phenol [108-95-2] ^	1.5	U	ug/L	1	1.5	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Pyrene [129-00-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	
Pyridine [110-86-1] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 08:41	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*87*	*1*	*100*	*87 %*	*18-157*	*9C26005*	*EPA 8270C*	*03/27/09 08:41*	*DFM*	
2-Fluorobiphenyl	*36*	*1*	*50.0*	*71 %*	*15-139*	*9C26005*	*EPA 8270C*	*03/27/09 08:41*	*DFM*	
2-Fluorophenol	*51*	*1*	*100*	*51 %*	*10-104*	*9C26005*	*EPA 8270C*	*03/27/09 08:41*	*DFM*	
Nitrobenzene-d5	*36*	*1*	*50.0*	*72 %*	*16-140*	*9C26005*	*EPA 8270C*	*03/27/09 08:41*	*DFM*	
Phenol-d5	*44*	*1*	*100*	*44 %*	*10-83*	*9C26005*	*EPA 8270C*	*03/27/09 08:41*	*DFM*	
Terphenyl-d14	*36*	*1*	*50.0*	*71 %*	*23-164*	*9C26005*	*EPA 8270C*	*03/27/09 08:41*	*DFM*	

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Description: TW-S-2
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-01
Sampled: 03/24/09 13:55
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	9C25025	EPA 6020	03/27/09 13:20	VLO	
Arsenic [7440-38-2] ^	**22.5**		ug/L	1	2.8	10.0	9C25024	EPA 6010B	03/30/09 15:02	JDH	
Beryllium [7440-41-7] ^	**1.08**		ug/L	1	0.08	1.00	9C25024	EPA 6010B	03/30/09 15:02	JDH	
Cadmium [7440-43-9] ^	**0.20**	J	ug/L	1	0.09	1.00	9C25024	EPA 6010B	03/30/09 15:02	JDH	
Chromium [7440-47-3] ^	**110**		ug/L	1	0.7	10.0	9C25024	EPA 6010B	03/30/09 15:02	JDH	
Copper [7440-50-8] ^	**15.4**		ug/L	1	0.81	10.0	9C25024	EPA 6010B	03/30/09 15:02	JDH	
Lead [7439-92-1] ^	**50.8**		ug/L	1	1.6	10.0	9C25024	EPA 6010B	03/30/09 15:02	JDH	
Mercury [7439-97-6] ^	**0.16**	J	ug/L	1	0.11	0.20	9C25027	EPA 7470A	03/26/09 15:59	NLH	
Nickel [7440-02-0] ^	**26.7**		ug/L	1	0.6	10.0	9C25024	EPA 6010B	03/30/09 15:02	JDH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	9C25024	EPA 6010B	03/30/09 15:02	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	9C25024	EPA 6010B	03/30/09 15:02	JDH	
Thallium [7440-28-0] ^	**0.194**	J	ug/L	1	0.036	1.00	9C25025	EPA 6020	03/27/09 13:20	VLO	
Zinc [7440-66-6] ^	**68.0**		ug/L	1	3.4	10.0	9C25024	EPA 6010B	03/30/09 15:02	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: TW-S-5
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-02
Sampled: 03/24/09 14:25
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,3-Dichloropropane [142-28-9] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
2,2-Dichloropropane [594-20-7] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.94	U	ug/L	1	0.94	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
4-Chlorotoluene [106-43-4] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
4-Isopropyltoluene [99-87-6] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Bromobenzene [108-86-1] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Ethanol [64-17-5]	26	U	ug/L	1	26	50	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	

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Description:	TW-S-5	**Lab Sample ID:**	C903684-02	**Received:**	03/25/09 10:30
Matrix:	Ground Water	**Sampled:**	03/24/09 14:25	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Naphthalene [91-20-3] ^	0.39	U	ug/L	1	0.39	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
n-Propyl Benzene [103-65-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
sec-Butylbenzene [135-98-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
tert-Butylbenzene [98-06-6] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 15:34	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*51-122*	*9C26015*	*EPA 8260B*	*03/26/09 15:34*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*68-117*	*9C26015*	*EPA 8260B*	*03/26/09 15:34*	*JKG*	
Toluene-d8	*44*	*1*	*50.0*	*87 %*	*69-110*	*9C26015*	*EPA 8260B*	*03/26/09 15:34*	*JKG*	

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Description: TW-S-5
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-02
Sampled: 03/24/09 14:25
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
1,2-Dichlorobenzene [95-50-1] ^	2.3	U	ug/L	1	2.3	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
1,3-Dichlorobenzene [541-73-1] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
1,4-Dichlorobenzene [106-46-7] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
1-Methylnaphthalene [90-12-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2,4-Dimethylphenol [105-67-9] ^	3.0	U	ug/L	1	3.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2,4-Dinitrophenol [51-28-5] ^	1.7	U	ug/L	1	1.7	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2,4-Dinitrotoluene [121-14-2] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2-Chloronaphthalene [91-58-7] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2-Chlorophenol [95-57-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2-Methylnaphthalene [91-57-6] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
2-Nitrophenol [88-75-5] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.9	U	ug/L	1	1.9	20	9C26005	EPA 8270C	03/27/09 09:11	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
4-Nitroaniline [100-01-6] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Acenaphthene [83-32-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Acenaphthylene [208-96-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Anthracene [120-12-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Benzidine [92-87-5] ^	1.5	U	ug/L	1	1.5	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Benzo(a)anthracene [56-55-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Benzo(a)pyrene [50-32-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Benzo(b)fluoranthene [205-99-2] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Benzo(k)fluoranthene [207-08-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Benzoic acid [65-85-0] ^	4.3	U	ug/L	1	4.3	50	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Benzyl alcohol [100-51-6] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	**1.9**	J	ug/L	1	1.9	5.0	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Diethylphthalate [84-66-2] ^	1.3	U	ug/L	1	1.3	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Dimethylphthalate [131-11-3] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Di-n-butylphthalate [84-74-2] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Di-n-octylphthalate [117-84-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	

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Description:	TW-S-5	**Lab Sample ID:**	C903684-02	**Received:**	03/25/09 10:30
Matrix:	Ground Water	**Sampled:**	03/24/09 14:25	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Fluorene [86-73-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Hexachlorobenzene [118-74-1] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Hexachlorobutadiene [87-68-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Hexachloroethane [67-72-1] ^	2.4	U	ug/L	1	2.4	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Isophorone [78-59-1] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Naphthalene [91-20-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.9	U	ug/L	1	1.9	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Pentachlorophenol [87-86-5] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Phenanthrene [85-01-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Phenol [108-95-2] ^	1.5	U	ug/L	1	1.5	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Pyrene [129-00-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	
Pyridine [110-86-1] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 09:11	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*83*	*1*	*100*	*83 %*	*18-157*	*9C26005*	*EPA 8270C*	*03/27/09 09:11*	*DFM*	
2-Fluorobiphenyl	*38*	*1*	*50.0*	*77 %*	*15-139*	*9C26005*	*EPA 8270C*	*03/27/09 09:11*	*DFM*	
2-Fluorophenol	*53*	*1*	*100*	*53 %*	*10-104*	*9C26005*	*EPA 8270C*	*03/27/09 09:11*	*DFM*	
Nitrobenzene-d5	*39*	*1*	*50.0*	*79 %*	*16-140*	*9C26005*	*EPA 8270C*	*03/27/09 09:11*	*DFM*	
Phenol-d5	*44*	*1*	*100*	*44 %*	*10-83*	*9C26005*	*EPA 8270C*	*03/27/09 09:11*	*DFM*	
Terphenyl-d14	*36*	*1*	*50.0*	*72 %*	*23-164*	*9C26005*	*EPA 8270C*	*03/27/09 09:11*	*DFM*	

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Description:	TW-S-5	**Lab Sample ID:**	C903684-02	**Received:**	03/25/09 10:30
Matrix:	Ground Water	**Sampled:**	03/24/09 14:25	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	9C25025	EPA 6020	03/27/09 13:23	VLO	
Arsenic [7440-38-2] ^	**15.5**		ug/L	1	2.8	10.0	9C25024	EPA 6010B	03/30/09 15:04	JDH	
Beryllium [7440-41-7] ^	**0.33**	J	ug/L	1	0.08	1.00	9C25024	EPA 6010B	03/30/09 15:04	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	9C25024	EPA 6010B	03/30/09 15:04	JDH	
Chromium [7440-47-3] ^	**18.6**		ug/L	1	0.7	10.0	9C25024	EPA 6010B	03/30/09 15:04	JDH	
Copper [7440-50-8] ^	**2.65**	J	ug/L	1	0.81	10.0	9C25024	EPA 6010B	03/30/09 15:04	JDH	
Lead [7439-92-1] ^	**9.1**	J	ug/L	1	1.6	10.0	9C25024	EPA 6010B	03/30/09 15:04	JDH	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	9C25027	EPA 7470A	03/26/09 16:45	NLH	
Nickel [7440-02-0] ^	**4.4**	J	ug/L	1	0.6	10.0	9C25024	EPA 6010B	03/30/09 15:04	JDH	
Selenium [7782-49-2] ^	**14.8**		ug/L	1	3.4	10.0	9C25024	EPA 6010B	03/30/09 15:04	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	9C25024	EPA 6010B	03/30/09 15:04	JDH	
Thallium [7440-28-0] ^	**0.044**	J	ug/L	1	0.036	1.00	9C25025	EPA 6020	03/27/09 13:23	VLO	
Zinc [7440-66-6] ^	**28.8**		ug/L	1	3.4	10.0	9C25024	EPA 6010B	03/30/09 15:04	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: TW-S-6
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-03
Sampled: 03/24/09 15:00
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,3-Dichloropropane [142-28-9] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
2,2-Dichloropropane [594-20-7] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.94	U	ug/L	1	0.94	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
4-Chlorotoluene [106-43-4] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
4-Isopropyltoluene [99-87-6] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Bromobenzene [108-86-1] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Ethanol [64-17-5]	26	U	ug/L	1	26	50	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	

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Description:	TW-S-6	**Lab Sample ID:**	C903684-03	**Received:**	03/25/09 10:30
Matrix:	Ground Water	**Sampled:**	03/24/09 15:00	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Naphthalene [91-20-3] ^	0.39	U	ug/L	1	0.39	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
n-Propyl Benzene [103-65-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
sec-Butylbenzene [135-98-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
tert-Butylbenzene [98-06-6] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 16:04	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*51-122*	*9C26015*	*EPA 8260B*	*03/26/09 16:04*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*68-117*	*9C26015*	*EPA 8260B*	*03/26/09 16:04*	*JKG*	
Toluene-d8	*45*	*1*	*50.0*	*90 %*	*69-110*	*9C26015*	*EPA 8260B*	*03/26/09 16:04*	*JKG*	

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Description: TW-S-6
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-03
Sampled: 03/24/09 15:00
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
1,2-Dichlorobenzene [95-50-1] ^	2.3	U	ug/L	1	2.3	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
1,3-Dichlorobenzene [541-73-1] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
1,4-Dichlorobenzene [106-46-7] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
1-Methylnaphthalene [90-12-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2,4-Dimethylphenol [105-67-9] ^	3.0	U	ug/L	1	3.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2,4-Dinitrophenol [51-28-5] ^	1.7	U	ug/L	1	1.7	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2,4-Dinitrotoluene [121-14-2] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2-Chloronaphthalene [91-58-7] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2-Chlorophenol [95-57-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2-Methylnaphthalene [91-57-6] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
2-Nitrophenol [88-75-5] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.9	U	ug/L	1	1.9	20	9C26005	EPA 8270C	03/27/09 09:42	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
4-Nitroaniline [100-01-6] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Acenaphthene [83-32-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Acenaphthylene [208-96-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Anthracene [120-12-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Benzidine [92-87-5] ^	1.5	U	ug/L	1	1.5	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Benzo(a)anthracene [56-55-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Benzo(a)pyrene [50-32-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Benzo(b)fluoranthene [205-99-2] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Benzo(k)fluoranthene [207-08-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Benzoic acid [65-85-0] ^	4.3	U	ug/L	1	4.3	50	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Benzyl alcohol [100-51-6] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.9	U	ug/L	1	1.9	5.0	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Diethylphthalate [84-66-2] ^	1.3	U	ug/L	1	1.3	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Dimethylphthalate [131-11-3] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Di-n-butylphthalate [84-74-2] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Di-n-octylphthalate [117-84-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	

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Description:	TW-S-6	**Lab Sample ID:**	C903684-03	**Received:**	03/25/09 10:30
Matrix:	Ground Water	**Sampled:**	03/24/09 15:00	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Fluorene [86-73-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Hexachlorobenzene [118-74-1] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Hexachlorobutadiene [87-68-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Hexachloroethane [67-72-1] ^	2.4	U	ug/L	1	2.4	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Isophorone [78-59-1] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Naphthalene [91-20-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.9	U	ug/L	1	1.9	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Pentachlorophenol [87-86-5] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Phenanthrene [85-01-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Phenol [108-95-2] ^	1.5	U	ug/L	1	1.5	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Pyrene [129-00-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	
Pyridine [110-86-1] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 09:42	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*79*	*1*	*100*	*79 %*	*18-157*	*9C26005*	*EPA 8270C*	*03/27/09 09:42*	*DFM*	
2-Fluorobiphenyl	*35*	*1*	*50.0*	*69 %*	*15-139*	*9C26005*	*EPA 8270C*	*03/27/09 09:42*	*DFM*	
2-Fluorophenol	*44*	*1*	*100*	*44 %*	*10-104*	*9C26005*	*EPA 8270C*	*03/27/09 09:42*	*DFM*	
Nitrobenzene-d5	*33*	*1*	*50.0*	*66 %*	*16-140*	*9C26005*	*EPA 8270C*	*03/27/09 09:42*	*DFM*	
Phenol-d5	*39*	*1*	*100*	*39 %*	*10-83*	*9C26005*	*EPA 8270C*	*03/27/09 09:42*	*DFM*	
Terphenyl-d14	*37*	*1*	*50.0*	*74 %*	*23-164*	*9C26005*	*EPA 8270C*	*03/27/09 09:42*	*DFM*	

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Description:	TW-S-6	**Lab Sample ID:**	C903684-03	**Received:**	03/25/09 10:30
Matrix:	Ground Water	**Sampled:**	03/24/09 15:00	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	9C25025	EPA 6020	03/27/09 13:26	VLO	
Arsenic [7440-38-2] ^	**33.9**		ug/L	1	2.8	10.0	9C25024	EPA 6010B	03/30/09 15:07	JDH	
Beryllium [7440-41-7] ^	**1.34**		ug/L	1	0.08	1.00	9C25024	EPA 6010B	03/30/09 15:07	JDH	
Cadmium [7440-43-9] ^	**0.09**	J	ug/L	1	0.09	1.00	9C25024	EPA 6010B	03/30/09 15:07	JDH	
Chromium [7440-47-3] ^	**112**		ug/L	1	0.7	10.0	9C25024	EPA 6010B	03/30/09 15:07	JDH	
Copper [7440-50-8] ^	**11.0**		ug/L	1	0.81	10.0	9C25024	EPA 6010B	03/30/09 15:07	JDH	
Lead [7439-92-1] ^	**57.0**		ug/L	1	1.6	10.0	9C25024	EPA 6010B	03/30/09 15:07	JDH	
Mercury [7439-97-6] ^	**0.14**	J	ug/L	1	0.11	0.20	9C25027	EPA 7470A	03/26/09 16:10	NLH	
Nickel [7440-02-0] ^	**28.1**		ug/L	1	0.6	10.0	9C25024	EPA 6010B	03/30/09 15:07	JDH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	9C25024	EPA 6010B	03/30/09 15:07	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	9C25024	EPA 6010B	03/30/09 15:07	JDH	
Thallium [7440-28-0] ^	**0.230**	J	ug/L	1	0.036	1.00	9C25025	EPA 6020	03/27/09 13:26	VLO	
Zinc [7440-66-6] ^	**54.3**		ug/L	1	3.4	10.0	9C25024	EPA 6010B	03/30/09 15:07	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: Duplicate
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-04
Sampled: 03/24/09 14:30
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,3-Dichloropropane [142-28-9] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
2,2-Dichloropropane [594-20-7] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.94	U	ug/L	1	0.94	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
4-Chlorotoluene [106-43-4] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
4-Isopropyltoluene [99-87-6] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Bromobenzene [108-86-1] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Ethanol [64-17-5]	26	U	ug/L	1	26	50	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	

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Description:	Duplicate	**Lab Sample ID:**	C903684-04	**Received:**	03/25/09 10:30
Matrix:	Ground Water	**Sampled:**	03/24/09 14:30	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Naphthalene [91-20-3] ^	0.39	U	ug/L	1	0.39	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
n-Propyl Benzene [103-65-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
sec-Butylbenzene [135-98-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
tert-Butylbenzene [98-06-6] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 16:34	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*87 %*	*51-122*	*9C26015*	*EPA 8260B*	*03/26/09 16:34*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*68-117*	*9C26015*	*EPA 8260B*	*03/26/09 16:34*	*JKG*	
Toluene-d8	*44*	*1*	*50.0*	*88 %*	*69-110*	*9C26015*	*EPA 8260B*	*03/26/09 16:34*	*JKG*	

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Description: Duplicate
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-04
Sampled: 03/24/09 14:30
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
1,2-Dichlorobenzene [95-50-1] ^	2.3	U	ug/L	1	2.3	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
1,3-Dichlorobenzene [541-73-1] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
1,4-Dichlorobenzene [106-46-7] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
1-Methylnaphthalene [90-12-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2,4-Dimethylphenol [105-67-9] ^	3.0	U	ug/L	1	3.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2,4-Dinitrophenol [51-28-5] ^	1.7	U	ug/L	1	1.7	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2,4-Dinitrotoluene [121-14-2] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2-Chloronaphthalene [91-58-7] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2-Chlorophenol [95-57-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2-Methylnaphthalene [91-57-6] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
2-Nitrophenol [88-75-5] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.9	U	ug/L	1	1.9	20	9C26005	EPA 8270C	03/27/09 10:12	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
4-Nitroaniline [100-01-6] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Acenaphthene [83-32-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Acenaphthylene [208-96-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Anthracene [120-12-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Benzidine [92-87-5] ^	1.5	U	ug/L	1	1.5	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Benzo(a)anthracene [56-55-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Benzo(a)pyrene [50-32-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Benzo(b)fluoranthene [205-99-2] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Benzo(k)fluoranthene [207-08-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Benzoic acid [65-85-0] ^	4.3	U	ug/L	1	4.3	50	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Benzyl alcohol [100-51-6] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	2.2	U	ug/L	1	2.2	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.9	U	ug/L	1	1.9	5.0	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Diethylphthalate [84-66-2] ^	1.3	U	ug/L	1	1.3	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Dimethylphthalate [131-11-3] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Di-n-butylphthalate [84-74-2] ^	1.0	U	ug/L	1	1.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Di-n-octylphthalate [117-84-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	

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Description:	Duplicate	**Lab Sample ID:**	C903684-04	**Received:**	03/25/09 10:30
Matrix:	Ground Water	**Sampled:**	03/24/09 14:30	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Fluorene [86-73-7] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Hexachlorobenzene [118-74-1] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Hexachlorobutadiene [87-68-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Hexachloroethane [67-72-1] ^	2.4	U	ug/L	1	2.4	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Isophorone [78-59-1] ^	1.8	U	ug/L	1	1.8	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Naphthalene [91-20-3] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.9	U	ug/L	1	1.9	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.1	U	ug/L	1	1.1	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Pentachlorophenol [87-86-5] ^	1.2	U	ug/L	1	1.2	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Phenanthrene [85-01-8] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Phenol [108-95-2] ^	1.5	U	ug/L	1	1.5	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Pyrene [129-00-0] ^	2.0	U	ug/L	1	2.0	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	
Pyridine [110-86-1] ^	2.1	U	ug/L	1	2.1	10	9C26005	EPA 8270C	03/27/09 10:12	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*75*	*1*	*100*	*75 %*	*18-157*	*9C26005*	*EPA 8270C*	*03/27/09 10:12*	*DFM*	
2-Fluorobiphenyl	*36*	*1*	*50.0*	*71 %*	*15-139*	*9C26005*	*EPA 8270C*	*03/27/09 10:12*	*DFM*	
2-Fluorophenol	*49*	*1*	*100*	*49 %*	*10-104*	*9C26005*	*EPA 8270C*	*03/27/09 10:12*	*DFM*	
Nitrobenzene-d5	*36*	*1*	*50.0*	*72 %*	*16-140*	*9C26005*	*EPA 8270C*	*03/27/09 10:12*	*DFM*	
Phenol-d5	*41*	*1*	*100*	*41 %*	*10-83*	*9C26005*	*EPA 8270C*	*03/27/09 10:12*	*DFM*	
Terphenyl-d14	*34*	*1*	*50.0*	*68 %*	*23-164*	*9C26005*	*EPA 8270C*	*03/27/09 10:12*	*DFM*	

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Description:	Duplicate	**Lab Sample ID:**	C903684-04	**Received:**	03/25/09 10:30
Matrix:	Ground Water	**Sampled:**	03/24/09 14:30	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.68	U	ug/L	1	0.68	2.00	9C25025	EPA 6020	03/27/09 13:30	VLO	
Arsenic [7440-38-2] ^	**13.3**		ug/L	1	2.8	10.0	9C25024	EPA 6010B	03/30/09 15:09	JDH	
Beryllium [7440-41-7] ^	**0.38**	J	ug/L	1	0.08	1.00	9C25024	EPA 6010B	03/30/09 15:09	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	9C25024	EPA 6010B	03/30/09 15:09	JDH	
Chromium [7440-47-3] ^	**20.1**		ug/L	1	0.7	10.0	9C25024	EPA 6010B	03/30/09 15:09	JDH	
Copper [7440-50-8] ^	**3.65**	J	ug/L	1	0.81	10.0	9C25024	EPA 6010B	03/30/09 15:09	JDH	
Lead [7439-92-1] ^	**11.4**		ug/L	1	1.6	10.0	9C25024	EPA 6010B	03/30/09 15:09	JDH	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	9C25027	EPA 7470A	03/26/09 16:13	NLH	
Nickel [7440-02-0] ^	**4.6**	J	ug/L	1	0.6	10.0	9C25024	EPA 6010B	03/30/09 15:09	JDH	
Selenium [7782-49-2] ^	**19.5**		ug/L	1	3.4	10.0	9C25024	EPA 6010B	03/30/09 15:09	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	9C25024	EPA 6010B	03/30/09 15:09	JDH	
Thallium [7440-28-0] ^	**0.038**	J	ug/L	1	0.036	1.00	9C25025	EPA 6020	03/27/09 13:30	VLO	
Zinc [7440-66-6] ^	**16.5**		ug/L	1	3.4	10.0	9C25024	EPA 6010B	03/30/09 15:09	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: Trip Blank
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903684-05
Sampled: 03/24/09 13:55
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903684

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,3-Dichloropropane [142-28-9] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
2,2-Dichloropropane [594-20-7] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.94	U	ug/L	1	0.94	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
4-Chlorotoluene [106-43-4] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
4-Isopropyltoluene [99-87-6] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Bromobenzene [108-86-1] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Ethanol [64-17-5]	26	U	ug/L	1	26	50	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	

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Description:	Trip Blank	**Lab Sample ID:**	C903684-05	**Received:**	03/25/09 10:30
Matrix:	Water	**Sampled:**	03/24/09 13:55	**Work Order:**	C903684
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Naphthalene [91-20-3] ^	0.39	U	ug/L	1	0.39	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
n-Propyl Benzene [103-65-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
sec-Butylbenzene [135-98-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
tert-Butylbenzene [98-06-6] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 14:34	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*51-122*	*9C26015*	*EPA 8260B*	*03/26/09 14:34*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*68-117*	*9C26015*	*EPA 8260B*	*03/26/09 14:34*	*JKG*	
Toluene-d8	*44*	*1*	*50.0*	*89 %*	*69-110*	*9C26015*	*EPA 8260B*	*03/26/09 14:34*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C26015 - EPA 5030B_MS

Blank (9C26015-BLK1) Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 10:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.40	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
1,1,2-Trichloroethane	0.37	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
1,1-Dichloroethene	0.24	U	1.0	ug/L							
1,1-Dichloropropene	0.32	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.25	U	1.0	ug/L							
1,2,3-Trichloropropane	0.55	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.36	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.20	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.42	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							
1,2-Dichloroethane	0.65	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.25	U	1.0	ug/L							
1,3-Dichlorobenzene	0.30	U	1.0	ug/L							
1,3-Dichloropropane	0.32	U	1.0	ug/L							
1,4-Dichlorobenzene	0.38	U	1.0	ug/L							
2,2-Dichloropropane	0.55	U	1.0	ug/L							
2-Butanone	1.0	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	0.94	U	1.0	ug/L							
2-Chlorotoluene	0.20	U	1.0	ug/L							
2-Hexanone	0.69	U	5.0	ug/L							
4-Chlorotoluene	0.25	U	1.0	ug/L							
4-Isopropyltoluene	0.26	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.5	U	5.0	ug/L							
Benzene	0.20	U	1.0	ug/L							
Bromobenzene	0.28	U	1.0	ug/L							
Bromochloromethane	0.42	U	1.0	ug/L							
Bromodichloromethane	0.37	U	1.0	ug/L							
Bromoform	0.71	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Carbon disulfide	0.54	U	5.0	ug/L							
Carbon tetrachloride	0.38	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
Chloromethane	0.34	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.36	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.28	U	1.0	ug/L							
Dibromochloromethane	0.32	U	1.0	ug/L							
Dibromomethane	0.37	U	1.0	ug/L							
Dichlorodifluoromethane	0.38	U	1.0	ug/L							
Ethanol	26	U	50	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
Hexachlorobutadiene	0.35	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C26015 - EPA 5030B_MS

Blank (9C26015-BLK1) Continued Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 10:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Isopropylbenzene	0.24	U	1.0	ug/L							
m,p-Xylenes	0.48	U	2.0	ug/L							
Methylene chloride	0.53	U	2.0	ug/L							
Methyl-tert-Butyl Ether	0.38	U	1.0	ug/L							
Naphthalene	0.39	U	1.0	ug/L							
n-Butyl Benzene	0.20	U	1.0	ug/L							
n-Propyl Benzene	0.30	U	1.0	ug/L							
o-Xylene	0.27	U	1.0	ug/L							
sec-Butylbenzene	0.24	U	1.0	ug/L							
Styrene	0.26	U	1.0	ug/L							
tert-Butylbenzene	0.28	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
Toluene	0.27	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.34	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.38	U	1.0	ug/L							
Trichloroethene	0.38	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*88*	*51-122*			
Surrogate: Dibromofluoromethane	*45*			*ug/L*	*50.0*		*90*	*68-117*			
Surrogate: Toluene-d8	*43*			*ug/L*	*50.0*		*86*	*69-110*			

LCS (9C26015-BS1) Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 11:05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0		106	75-133			
Benzene	21		1.0	ug/L	20.0		106	81-134			
Chlorobenzene	18		1.0	ug/L	20.0		90	83-117			
Toluene	19		1.0	ug/L	20.0		94	71-118			
Trichloroethene	18		1.0	ug/L	20.0		90	75-115			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*51-122*			
Surrogate: Dibromofluoromethane	*45*			*ug/L*	*50.0*		*89*	*68-117*			
Surrogate: Toluene-d8	*45*			*ug/L*	*50.0*		*90*	*69-110*			

Matrix Spike (9C26015-MS1) Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 11:35

Source: C903307-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	26		1.0	ug/L	20.0	0.24 U	131	75-133			
Benzene	26		1.0	ug/L	20.0	0.64	125	81-134			
Chlorobenzene	21		1.0	ug/L	20.0	0.27 U	104	83-117			
Toluene	21		1.0	ug/L	20.0	0.27 U	107	71-118			
Trichloroethene	24		1.0	ug/L	20.0	3.1	102	75-115			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*91*	*51-122*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*88*	*68-117*			
Surrogate: Toluene-d8	*43*			*ug/L*	*50.0*		*86*	*69-110*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C26015 - EPA 5030B_MS

Matrix Spike Dup (9C26015-MSD1) Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 12:05

Source: C903307-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	23		1.0	ug/L	20.0	0.24 U	116	75-133	12	20	
Benzene	24		1.0	ug/L	20.0	0.64	119	81-134	5	17	
Chlorobenzene	19		1.0	ug/L	20.0	0.27 U	96	83-117	8	16	
Toluene	21		1.0	ug/L	20.0	0.27 U	103	71-118	4	17	
Trichloroethene	22		1.0	ug/L	20.0	3.1	95	75-115	6	18	
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*51-122*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*88*	*68-117*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*69-110*			

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9C26005 - EPA 3510C_MS

Blank (9C26005-BLK1) Prepared: 03/26/2009 08:39 Analyzed: 03/27/2009 06:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	2.1	U	10	ug/L							
1,2-Dichlorobenzene	2.3	U	10	ug/L							
1,3-Dichlorobenzene	2.2	U	10	ug/L							
1,4-Dichlorobenzene	2.2	U	10	ug/L							
1-Methylnaphthalene	2.0	U	10	ug/L							
2,4,5-Trichlorophenol	1.1	U	10	ug/L							
2,4,6-Trichlorophenol	1.4	U	10	ug/L							
2,4-Dichlorophenol	1.6	U	10	ug/L							
2,4-Dimethylphenol	3.0	U	10	ug/L							
2,4-Dinitrophenol	1.7	U	10	ug/L							
2,4-Dinitrotoluene	1.2	U	10	ug/L							
2,6-Dinitrotoluene	1.0	U	10	ug/L							
2-Chloronaphthalene	1.6	U	10	ug/L							
2-Chlorophenol	2.0	U	10	ug/L							
2-Methyl-4,6-dinitrophenol	1.4	U	10	ug/L							
2-Methylnaphthalene	2.0	U	10	ug/L							
2-Methylphenol	2.0	U	10	ug/L							
2-Nitroaniline	1.2	U	10	ug/L							
2-Nitrophenol	1.8	U	10	ug/L							
3 & 4-Methylphenol	1.9	U	20	ug/L							
3,3'-Dichlorobenzidine	1.8	U	10	ug/L							
3-Nitroaniline	1.6	U	10	ug/L							
4-Bromophenyl-phenylether	1.2	U	10	ug/L							
4-Chloro-3-methylphenol	1.4	U	10	ug/L							
4-Chloroaniline	1.6	U	10	ug/L							
4-Chlorophenyl-phenylether	1.2	U	10	ug/L							
4-Nitroaniline	1.4	U	10	ug/L							
4-Nitrophenol	1.2	U	10	ug/L							
Acenaphthene	2.0	U	10	ug/L							
Acenaphthylene	2.0	U	10	ug/L							
Anthracene	2.0	U	10	ug/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9C26005 - EPA 3510C_MS

Blank (9C26005-BLK1) Continued Prepared: 03/26/2009 08:39 Analyzed: 03/27/2009 06:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzidine	1.5	U	10	ug/L							
Benzo(a)anthracene	2.0	U	10	ug/L							
Benzo(a)pyrene	2.0	U	10	ug/L							
Benzo(b)fluoranthene	2.0	U	10	ug/L							
Benzo(g,h,i)perylene	2.0	U	10	ug/L							
Benzo(k)fluoranthene	2.0	U	10	ug/L							
Benzoic acid	4.3	U	50	ug/L							
Benzyl alcohol	1.0	U	10	ug/L							
Bis(2-chloroethoxy)methane	2.0	U	10	ug/L							
Bis(2-chloroethyl)ether	2.1	U	10	ug/L							
Bis(2-chloroisopropyl)ether	2.2	U	10	ug/L							
Bis(2-ethylhexyl)phthalate	1.9	U	5.0	ug/L							
Butylbenzylphthalate	1.4	U	10	ug/L							
Chrysene	2.0	U	10	ug/L							
Dibenzo(a,h)anthracene	2.0	U	10	ug/L							
Dibenzofuran	1.3	U	10	ug/L							
Diethylphthalate	1.3	U	10	ug/L							
Dimethylphthalate	1.1	U	10	ug/L							
Di-n-butylphthalate	**1.0**	**J**	10	ug/L							O-01
Di-n-octylphthalate	2.0	U	10	ug/L							
Fluoranthene	2.0	U	10	ug/L							
Fluorene	2.0	U	10	ug/L							
Hexachlorobenzene	1.1	U	10	ug/L							
Hexachlorobutadiene	2.0	U	10	ug/L							
Hexachlorocyclopentadiene	2.0	U	10	ug/L							
Hexachloroethane	2.4	U	10	ug/L							
Indeno(1,2,3-cd)pyrene	2.0	U	10	ug/L							
Isophorone	1.8	U	10	ug/L							
Naphthalene	2.0	U	10	ug/L							
Nitrobenzene	1.9	U	10	ug/L							
N-Nitrosodimethylamine	1.9	U	10	ug/L							
N-Nitroso-di-n-propylamine	2.1	U	10	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	1.1	U	10	ug/L							
Pentachlorophenol	1.2	U	10	ug/L							
Phenanthrene	2.0	U	10	ug/L							
Phenol	1.5	U	10	ug/L							
Pyrene	2.0	U	10	ug/L							
Pyridine	2.1	U	10	ug/L							
Surrogate: 2,4,6-Tribromophenol	*73*			*ug/L*	*100*		*73*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*37*			*ug/L*	*50.0*		*74*	*15-139*			
Surrogate: 2-Fluorophenol	*50*			*ug/L*	*100*		*50*	*10-104*			
Surrogate: Nitrobenzene-d5	*36*			*ug/L*	*50.0*		*71*	*16-140*			
Surrogate: Phenol-d5	*42*			*ug/L*	*100*		*42*	*10-83*			
Surrogate: Terphenyl-d14	*38*			*ug/L*	*50.0*		*76*	*23-164*			

LCS (9C26005-BS1) Prepared: 03/26/2009 08:39 Analyzed: 03/27/2009 06:40

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9C26005 - EPA 3510C_MS

LCS (9C26005-BS1) Continued Prepared: 03/26/2009 08:39 Analyzed: 03/27/2009 06:40

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	21		10	ug/L	50.0		43	24-97			
1,4-Dichlorobenzene	19		10	ug/L	50.0		39	22-90			
2,4-Dinitrotoluene	42		10	ug/L	50.0		85	74-125			
2-Chlorophenol	31		10	ug/L	50.0		62	47-109			
4-Chloro-3-methylphenol	40		10	ug/L	50.0		81	64-120			
4-Nitrophenol	29		10	ug/L	50.0		58	37-88			
Acenaphthene	34		10	ug/L	50.0		67	51-118			
N-Nitroso-di-n-propylamine	31		10	ug/L	50.0		62	53-133			
Pentachlorophenol	44		10	ug/L	50.0		88	53-137			
Phenol	21		10	ug/L	50.0		41	23-75			
Pyrene	40		10	ug/L	50.0		80	73-129			
Surrogate: 2,4,6-Tribromophenol	*93*			*ug/L*	*100*		*93*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*33*			*ug/L*	*50.0*		*66*	*15-139*			
Surrogate: 2-Fluorophenol	*44*			*ug/L*	*100*		*44*	*10-104*			
Surrogate: Nitrobenzene-d5	*31*			*ug/L*	*50.0*		*62*	*16-140*			
Surrogate: Phenol-d5	*38*			*ug/L*	*100*		*38*	*10-83*			
Surrogate: Terphenyl-d14	*36*			*ug/L*	*50.0*		*73*	*23-164*			

Matrix Spike (9C26005-MS1) Prepared: 03/26/2009 08:39 Analyzed: 03/27/2009 07:41

Source: C903307-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	24		10	ug/L	50.0	2.1 U	49	24-97			
1,4-Dichlorobenzene	24		10	ug/L	50.0	2.2 U	48	22-90			
2,4-Dinitrotoluene	44		10	ug/L	50.0	1.2 U	89	74-125			
2-Chlorophenol	39		10	ug/L	50.0	2.0 U	78	47-109			
4-Chloro-3-methylphenol	49		10	ug/L	50.0	1.4 U	98	64-120			
4-Nitrophenol	37		10	ug/L	50.0	1.2 U	73	37-88			
Acenaphthene	37		10	ug/L	50.0	2.0 U	73	51-118			
N-Nitroso-di-n-propylamine	30		10	ug/L	50.0	2.1 U	59	53-133			
Pentachlorophenol	53		10	ug/L	50.0	1.2 U	106	53-137			
Phenol	26		10	ug/L	50.0	1.5 U	51	23-75			
Pyrene	41		10	ug/L	50.0	2.0 U	81	73-129			
Surrogate: 2,4,6-Tribromophenol	*100*			*ug/L*	*100*		*104*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*37*			*ug/L*	*50.0*		*74*	*15-139*			
Surrogate: 2-Fluorophenol	*55*			*ug/L*	*100*		*55*	*10-104*			
Surrogate: Nitrobenzene-d5	*38*			*ug/L*	*50.0*		*76*	*16-140*			
Surrogate: Phenol-d5	*47*			*ug/L*	*100*		*47*	*10-83*			
Surrogate: Terphenyl-d14	*39*			*ug/L*	*50.0*		*78*	*23-164*			

Matrix Spike Dup (9C26005-MSD1) Prepared: 03/26/2009 08:39 Analyzed: 03/27/2009 08:11

Source: C903307-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	27		10	ug/L	50.0	2.1 U	54	24-97	9	30	
1,4-Dichlorobenzene	25		10	ug/L	50.0	2.2 U	50	22-90	5	29	
2,4-Dinitrotoluene	42		10	ug/L	50.0	1.2 U	84	74-125	6	11	

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9C26005 - EPA 3510C_MS

Matrix Spike Dup (9C26005-MSD1) Continued Prepared: 03/26/2009 08:39 Analyzed: 03/27/2009 08:11

Source: C903307-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2-Chlorophenol	38		10	ug/L	50.0	2.0 U	76	47-109	2	24	
4-Chloro-3-methylphenol	47		10	ug/L	50.0	1.4 U	94	64-120	4	11	
4-Nitrophenol	36		10	ug/L	50.0	1.2 U	71	37-88	2	21	
Acenaphthene	38		10	ug/L	50.0	2.0 U	75	51-118	3	13	
N-Nitroso-di-n-propylamine	30		10	ug/L	50.0	2.1 U	60	53-133	1	35	
Pentachlorophenol	52		10	ug/L	50.0	1.2 U	105	53-137	2	10	
Phenol	26		10	ug/L	50.0	1.5 U	51	23-75	0	29	
Pyrene	39		10	ug/L	50.0	2.0 U	77	73-129	5	15	
Surrogate: 2,4,6-Tribromophenol	*99*			*ug/L*	*100*		*99*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*38*			*ug/L*	*50.0*		*76*	*15-139*			
Surrogate: 2-Fluorophenol	*55*			*ug/L*	*100*		*55*	*10-104*			
Surrogate: Nitrobenzene-d5	*37*			*ug/L*	*50.0*		*75*	*16-140*			
Surrogate: Phenol-d5	*48*			*ug/L*	*100*		*48*	*10-83*			
Surrogate: Terphenyl-d14	*37*			*ug/L*	*50.0*		*74*	*23-164*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9C25024 - EPA 3005A

Blank (9C25024-BLK1) Prepared: 03/25/2009 14:48 Analyzed: 03/30/2009 14:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.8	U	10.0	ug/L							
Beryllium	0.08	U	1.00	ug/L							
Cadmium	0.09	U	1.00	ug/L							
Chromium	0.7	U	10.0	ug/L							
Copper	0.81	U	10.0	ug/L							
Lead	1.6	U	10.0	ug/L							
Nickel	0.6	U	10.0	ug/L							
Selenium	3.4	U	10.0	ug/L							
Silver	1.0	U	10.0	ug/L							
Zinc	3.4	U	10.0	ug/L							

LCS (9C25024-BS1) Prepared: 03/25/2009 14:48 Analyzed: 03/30/2009 14:20

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	519		10.0	ug/L	500		104	80-120			
Beryllium	267		1.00	ug/L	250		107	80-120			
Cadmium	254		1.00	ug/L	250		102	80-120			
Chromium	520		10.0	ug/L	500		104	80-120			
Copper	258		10.0	ug/L	250		103	80-120			
Lead	532		10.0	ug/L	500		106	80-120			
Nickel	531		10.0	ug/L	500		106	80-120			
Selenium	536		10.0	ug/L	500		107	80-120			
Silver	52.4		10.0	ug/L	50.0		105	80-120			
Zinc	533		10.0	ug/L	500		107	80-120			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9C25024 - EPA 3005A

Matrix Spike (9C25024-MS1) Prepared: 03/25/2009 14:48 Analyzed: 03/30/2009 14:25

Source: C903307-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	512		10.0	ug/L	500	3.1	102	75-125			
Beryllium	266		1.00	ug/L	250	3.02	105	75-125			
Cadmium	247		1.00	ug/L	250	1.06	98	75-125			
Chromium	511		10.0	ug/L	500	4.0	101	75-125			
Copper	251		10.0	ug/L	250	0.81 U	100	75-125			
Lead	521		10.0	ug/L	500	6.2	103	75-125			
Nickel	518		10.0	ug/L	500	2.8	103	75-125			
Selenium	524		10.0	ug/L	500	3.4 U	105	75-125			
Silver	52.4		10.0	ug/L	50.0	1.0 U	105	75-125			
Zinc	540		10.0	ug/L	500	38.3	100	75-125			

Matrix Spike Dup (9C25024-MSD1) Prepared: 03/25/2009 14:48 Analyzed: 03/30/2009 14:27

Source: C903307-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	507		10.0	ug/L	500	3.1	101	75-125	1	25	
Beryllium	267		1.00	ug/L	250	3.02	105	75-125	0.1	25	
Cadmium	247		1.00	ug/L	250	1.06	98	75-125	0.2	25	
Chromium	511		10.0	ug/L	500	4.0	101	75-125	0.01	25	
Copper	251		10.0	ug/L	250	0.81 U	100	75-125	0.02	25	
Lead	517		10.0	ug/L	500	6.2	102	75-125	0.8	25	
Nickel	519		10.0	ug/L	500	2.8	103	75-125	0.2	25	
Selenium	524		10.0	ug/L	500	3.4 U	105	75-125	0.05	25	
Silver	51.7		10.0	ug/L	50.0	1.0 U	103	75-125	1	25	
Zinc	541		10.0	ug/L	500	38.3	100	75-125	0.2	25	

Batch 9C25025 - EPA 3005A

Blank (9C25025-BLK1) Prepared: 03/25/2009 14:50 Analyzed: 03/27/2009 12:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.68	U	2.00	ug/L							
Thallium	0.036	U	1.00	ug/L							

LCS (9C25025-BS1) Prepared: 03/25/2009 14:50 Analyzed: 03/27/2009 12:21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	24.4		2.00	ug/L	25.0		98	85-115			
Thallium	24.6		1.00	ug/L	25.0		98	85-115			

Matrix Spike (9C25025-MS1) Prepared: 03/25/2009 14:50 Analyzed: 03/27/2009 12:28

Source: C903307-17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	23.8		2.00	ug/L	25.0	0.68 U	95	85-115			
Thallium	24.3		1.00	ug/L	25.0	0.036 U	97	85-115			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9C25025 - EPA 3005A

Matrix Spike Dup (9C25025-MSD1) Prepared: 03/25/2009 14:50 Analyzed: 03/27/2009 12:38

Source: C903307-17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	24.9		2.00	ug/L	25.0	0.68 U	100	85-115	4	20	
Thallium	24.7		1.00	ug/L	25.0	0.036 U	99	85-115	2	20	

Post Spike (9C25025-PS1) Prepared: 03/25/2009 14:50 Analyzed: 03/27/2009 12:42

Source: C903307-17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.03		0.002	mg/L	0.0250	0.0001	105	75-125			
Thallium	0.027		0.001	mg/L	0.0250	0.00003	106	75-125			

Batch 9C25027 - EPA 245.1

Blank (9C25027-BLK1) Prepared: 03/25/2009 14:55 Analyzed: 03/26/2009 14:44

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.11	U	0.20	ug/L							

LCS (9C25027-BS1) Prepared: 03/25/2009 14:55 Analyzed: 03/26/2009 14:41

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.89		0.20	ug/L	5.00		98	85-115			

Matrix Spike (9C25027-MS1) Prepared: 03/25/2009 14:55 Analyzed: 03/26/2009 14:51

Source: C903307-17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.69		0.20	ug/L	5.00	0.11 U	94	85-115			

Matrix Spike Dup (9C25027-MSD1) Prepared: 03/25/2009 14:55 Analyzed: 03/26/2009 15:00

Source: C903307-17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.73		0.20	ug/L	5.00	0.11 U	95	85-115	0.8	15	

Post Spike (9C25027-PS1) Prepared: 03/25/2009 14:55 Analyzed: 03/26/2009 15:03

Source: C903307-17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.19		0.20	ug/L	5.00	0.03	83	75-125			

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
O-01	This compound is a common laboratory contaminant.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Page 1 of 1

Client Name: ECS Wilmington	Project Number:
Address: 7211 Ogden Business Park Suite 201	Project Name/Desc: Wrightsville Ave REC
City/ST/Zip: Wilmington, NC 28411	PO # / Billing Info:
Tel: 910 686 9114 / Fax:	Reporting Contact: Amy Conchas
Sampler(s) Name, Affiliation (Print): Lee Ann Jones, ECS	Billing Contact: Amy Conchas
Sampler(s) Signature: Lee Ann Jones	Facility # (if required):

Requested Analyses: VOCs / 8260; SVOCs / 8270; PP Metals / 6010

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due __/__/__

Lab Workorder: C903684

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	VOCs / 8260	SVOCs / 8270	PP Metals / 6010	Sample Comments
	TW-S-2	3/24/09	1:55p	G	GW	5	X	X	X	
	TW-S-5	↓	2:25p	↓	↓	5	↓	↓	↓	
	TW-S-6	↓	3:00p	↓	↓	5	↓	↓	↓	
	Duplicate	↓	2:30p	↓	↓	5	↓	↓	↓	
	Trip Blank	↓		↓	↓		↓	↓	↓	

<- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		Lee Ann Jones	3/24/09 16:50		
		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By: Briana Gregory	Date/Time: 3/25/09 10.30

Comments: The Trip Blank was received for 8260 only. No other containers were provided. RF 3-26-09

Cooler #'s & Temps on Receipt: 2.6 °C

Condition Upon Receipt: X Acceptable ___ Unacceptable

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Wednesday, July 15, 2009

ECS - Wilmington (EA026)

Attn: Amy Conchas

7211 Ogden Business Park Suite 201

Wilmington, NC 28411

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Wrightsville Avenue REC
ENCO Workorder: C903049

Dear Amy Conchas,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, March 25, 2009.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 72.

PROJECT NARRATIVE

Date: 15 July 2009
Client: ECS- Wilmington
Project: Wrightsville Avenue REC
Lab ID: C903049

Overview

This report is an amendment to the original report dated 30 March 2009 for this work order. This report was revised, at the client's request, to include TICs for the 8270 analyses and additional metals analyses.

Environmental Conservation Laboratories, Inc. (ENCO) analyzed all submitted samples in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by ENCO are discussed in the QC Remarks section below.

Quality Control Samples

No Comments

Quality Control Remarks

No Comments

Other Comments

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative or in the Flags/Notes and Definitions section of the report.

Released By:
Environmental Conservation Laboratories, Inc.

Stephanie Franz
Project Manager

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: S-1 **Lab ID:** C903049-01 **Sampled:** 03/24/09 10:05 **Received:** 03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	14:40
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	14:40
EPA 7471A	04/21/09		03/25/09	16:38	3/27/2009	12:55
EPA 8260B	04/07/09		03/25/09	10:12	3/25/2009	16:20
EPA 8270C	04/07/09	05/04/09	03/25/09	20:02	3/27/2009	15:43
EPA 8270C	04/07/09	05/05/09	03/26/09	15:45	3/27/2009	15:43

Client ID: S-2 **Lab ID:** C903049-02 **Sampled:** 03/24/09 11:10 **Received:** 03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	14:54
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	14:54
EPA 7471A	04/21/09		03/25/09	16:38	3/27/2009	12:26
EPA 8260B	04/07/09		03/25/09	10:12	3/25/2009	16:48
EPA 8270C	04/07/09	05/04/09	03/25/09	20:02	3/27/2009	19:47
EPA 8270C	04/07/09	05/05/09	03/26/09	15:45	3/27/2009	19:47

Client ID: S-3 **Lab ID:** C903049-03 **Sampled:** 03/24/09 11:25 **Received:** 03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	14:57
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	14:57
EPA 7471A	04/21/09		03/25/09	16:38	3/27/2009	12:29
EPA 8260B	04/07/09		03/25/09	10:12	3/25/2009	17:17
EPA 8270C	04/07/09	05/04/09	03/25/09	20:02	3/27/2009	13:12
EPA 8270C	04/07/09	05/05/09	03/26/09	15:45	3/27/2009	13:12

Client ID: S-4 **Lab ID:** C903049-04 **Sampled:** 03/24/09 11:40 **Received:** 03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	14:59
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	14:59
EPA 7471A	04/21/09		03/25/09	16:38	3/27/2009	12:38
EPA 8260B	04/07/09		03/25/09	10:12	3/25/2009	17:45
EPA 8270C	04/07/09	05/04/09	03/25/09	20:02	3/27/2009	16:14
EPA 8270C	04/07/09	05/05/09	03/26/09	15:45	3/27/2009	16:14

Client ID: S-5 **Lab ID:** C903049-05 **Sampled:** 03/24/09 11:45 **Received:** 03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	15:01
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	15:01
EPA 7471A	04/21/09		03/25/09	16:38	3/27/2009	12:41
EPA 8260B	04/07/09		03/25/09	10:12	3/25/2009	18:13
EPA 8270C	04/07/09	05/04/09	03/25/09	20:02	3/27/2009	13:42
EPA 8270C	04/07/09	05/05/09	03/26/09	15:45	3/27/2009	13:42

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Client ID:	S-6	Lab ID:	C903049-06	Sampled:	03/24/09 12:50	Received:	03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	15:03
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	15:03
EPA 7471A	04/21/09		03/25/09	16:38	3/27/2009	12:44
EPA 8260B	04/07/09		03/25/09	10:12	3/25/2009	18:41
EPA 8270C	04/07/09	05/04/09	03/25/09	20:02	3/27/2009	14:12
EPA 8270C	04/07/09	05/05/09	03/26/09	15:45	3/27/2009	14:12

Client ID:	S-7	Lab ID:	C903049-07	Sampled:	03/24/09 13:30	Received:	03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	15:05
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	15:05
EPA 7471A	04/21/09		03/25/09	16:38	3/27/2009	12:46
EPA 8260B	04/07/09		03/25/09	10:12	3/25/2009	19:09
EPA 8270C	04/07/09	05/04/09	03/25/09	20:02	3/27/2009	14:43
EPA 8270C	04/07/09	05/05/09	03/26/09	15:45	3/27/2009	14:43

Client ID:	Duplicate	Lab ID:	C903049-08	Sampled:	03/24/09 11:50	Received:	03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	15:07
EPA 6010B	09/20/09		03/25/09	15:23	3/26/2009	15:07
EPA 7471A	04/21/09		03/25/09	16:38	3/27/2009	12:49
EPA 8260B	04/07/09		03/25/09	10:12	3/25/2009	19:37
EPA 8270C	04/07/09	05/04/09	03/25/09	20:02	3/27/2009	15:13
EPA 8270C	04/07/09	05/05/09	03/26/09	15:45	3/27/2009	15:13

Client ID:	Trip Blank	Lab ID:	C903049-09	Sampled:	03/24/09 10:05	Received:	03/25/09 10:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8260B	04/07/09		03/26/09	10:03	3/26/2009	14:04

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SAMPLE DETECTION SUMMARY

Client ID: S-1 **Lab ID:** C903049-01

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Pentene, 4-methyl-, (E)-	0.36	J			mg/kg dry	EPA 8270C	
3-Penten-2-ol	0.24	JB			mg/kg dry	EPA 8270C	
Acetone	0.0065	J	0.0019	0.0081	mg/kg dry	EPA 8260B	
Arsenic - Total	0.30	J	0.26	0.55	mg/kg dry	EPA 6010B	
Barium - Total	6.90		0.092	0.549	mg/kg dry	EPA 6010B	
Beryllium - Total	0.017	J	0.004	0.055	mg/kg dry	EPA 6010B	
Cadmium - Total	0.042	J	0.007	0.055	mg/kg dry	EPA 6010B	
Chromium - Total	2.97		0.04	0.55	mg/kg dry	EPA 6010B	
Copper - Total	0.729		0.065	0.549	mg/kg dry	EPA 6010B	
Ethane, 1,1,2,2-tetrachloro-	0.84	JB			mg/kg dry	EPA 8270C	
Ethane, 1,1,2-trichloro-	0.28	JB			mg/kg dry	EPA 8270C	
Fluoranthene	0.045	J	0.036	0.36	mg/kg dry	EPA 8270C	
Hexadecanamide	0.15	J			mg/kg dry	EPA 8270C	
Lead - Total	7.76	B	0.08	0.55	mg/kg dry	EPA 6010B	QB-01
Nickel - Total	0.55		0.09	0.55	mg/kg dry	EPA 6010B	
Pyrene	0.037	J	0.036	0.36	mg/kg dry	EPA 8270C	
Unknown (01)	0.45	J			mg/kg dry	EPA 8270C	
Unknown (02)	0.61	J			mg/kg dry	EPA 8270C	
Zinc - Total	13.2		1.87	2.75	mg/kg dry	EPA 6010B	

Client ID: S-2 **Lab ID:** C903049-02

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1-Butene, 3,3-dimethyl-	0.41	J			mg/kg dry	EPA 8270C	
3-Penten-2-ol	0.17	J			mg/kg dry	EPA 8270C	
9-Octadecenamide, (Z)-	0.52	J			mg/kg dry	EPA 8270C	
Acenaphthylene	0.044	J	0.037	0.37	mg/kg dry	EPA 8270C	
Arsenic - Total	3.01		0.27	0.56	mg/kg dry	EPA 6010B	
Barium - Total	61.3		0.095	0.565	mg/kg dry	EPA 6010B	
Benzo(a)anthracene	0.093	J	0.037	0.37	mg/kg dry	EPA 8270C	
Benzo(a)pyrene	0.14	J	0.037	0.37	mg/kg dry	EPA 8270C	
Benzo(b)fluoranthene	0.22	J	0.044	0.37	mg/kg dry	EPA 8270C	
Benzo(g,h,i)perylene	0.11	J	0.038	0.37	mg/kg dry	EPA 8270C	
Benzo(k)fluoranthene	0.076	J	0.046	0.37	mg/kg dry	EPA 8270C	
Beryllium - Total	0.055	J	0.004	0.056	mg/kg dry	EPA 6010B	
Cadmium - Total	0.404		0.007	0.056	mg/kg dry	EPA 6010B	
Chromium - Total	6.46		0.04	0.56	mg/kg dry	EPA 6010B	
Chrysene	0.14	J	0.038	0.37	mg/kg dry	EPA 8270C	
Copper - Total	9.71		0.067	0.565	mg/kg dry	EPA 6010B	
D-Friedoolean-14-ene, 3-methox	1.7	J			mg/kg dry	EPA 8270C	
Ethane, 1,1,2,2-tetrachloro-	1.0	J			mg/kg dry	EPA 8270C	
Ethane, 1,1,2-trichloro-	0.32	J			mg/kg dry	EPA 8270C	
Fluoranthene	0.23	J	0.037	0.37	mg/kg dry	EPA 8270C	
Indeno(1,2,3-cd)pyrene	0.10	J	0.038	0.37	mg/kg dry	EPA 8270C	
Lead - Total	53.3	B	0.08	0.56	mg/kg dry	EPA 6010B	QB-01
Mercury - Total	0.05		0.006	0.01	mg/kg dry	EPA 7471A	
Nickel - Total	2.62		0.09	0.56	mg/kg dry	EPA 6010B	
Perylene	0.18	J			mg/kg dry	EPA 8270C	
Phenanthrene	0.055	J	0.037	0.37	mg/kg dry	EPA 8270C	
Pyrene	0.20	J	0.037	0.37	mg/kg dry	EPA 8270C	

Client ID: S-2 **Lab ID: C903049-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Selenium - Total	1.19		0.32	0.56	mg/kg dry	EPA 6010B	
Unknown	0.43	J			mg/kg dry	EPA 8270C	
Zinc - Total	196		1.92	2.82	mg/kg dry	EPA 6010B	

Client ID: S-3 **Lab ID: C903049-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.0049	J	0.0013	0.0052	mg/kg dry	EPA 8260B	
Barium - Total	1.45		0.102	0.607	mg/kg dry	EPA 6010B	
Beryllium - Total	0.010	J	0.004	0.061	mg/kg dry	EPA 6010B	
Chromium - Total	1.05		0.04	0.61	mg/kg dry	EPA 6010B	
Copper - Total	0.182	J	0.072	0.607	mg/kg dry	EPA 6010B	
Ethane, 1,1,2,2-tetrachloro-	0.89	J			mg/kg dry	EPA 8270C	
Ethane, 1,1,2-trichloro-	0.30	J			mg/kg dry	EPA 8270C	
Lead - Total	1.61	B	0.08	0.61	mg/kg dry	EPA 6010B	QB-01
Nickel - Total	0.17	J	0.10	0.61	mg/kg dry	EPA 6010B	
Selenium - Total	0.40	J	0.34	0.61	mg/kg dry	EPA 6010B	
Unknown	0.43	J			mg/kg dry	EPA 8270C	

Client ID: S-4 **Lab ID: C903049-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
.gamma.-Sitosterol	0.18	J			mg/kg dry	EPA 8270C	
3-Penten-2-ol	0.16	J			mg/kg dry	EPA 8270C	
9-Octadecenamide, (Z)-	0.59	J			mg/kg dry	EPA 8270C	
Acetone	0.023		0.0012	0.0048	mg/kg dry	EPA 8260B	
Arsenic - Total	0.42	J	0.26	0.55	mg/kg dry	EPA 6010B	
Barium - Total	6.09		0.093	0.552	mg/kg dry	EPA 6010B	
Benzo(b)fluoranthene	0.064	J	0.043	0.36	mg/kg dry	EPA 8270C	
Benzo(g,h,i)perylene	0.040	J	0.038	0.36	mg/kg dry	EPA 8270C	
Beryllium - Total	0.027	J	0.004	0.055	mg/kg dry	EPA 6010B	
Cadmium - Total	0.112		0.007	0.055	mg/kg dry	EPA 6010B	
Chromium - Total	7.55		0.04	0.55	mg/kg dry	EPA 6010B	
Chrysene	0.040	J	0.038	0.36	mg/kg dry	EPA 8270C	
Copper - Total	2.13		0.065	0.552	mg/kg dry	EPA 6010B	
Ethane, 1,1,2,2-tetrachloro-	0.85	J			mg/kg dry	EPA 8270C	
Ethane, 1,1,2-trichloro-	0.31	J			mg/kg dry	EPA 8270C	
Fluoranthene	0.049	J	0.036	0.36	mg/kg dry	EPA 8270C	
Lead - Total	11.2	B	0.08	0.55	mg/kg dry	EPA 6010B	QB-01
Mercury - Total	0.01		0.006	0.01	mg/kg dry	EPA 7471A	
Nickel - Total	1.49		0.09	0.55	mg/kg dry	EPA 6010B	
Nonacosane	0.20	J			mg/kg dry	EPA 8270C	
Pyrene	0.040	J	0.036	0.36	mg/kg dry	EPA 8270C	
Selenium - Total	0.99		0.31	0.55	mg/kg dry	EPA 6010B	
Tetratetracontane	0.35	J			mg/kg dry	EPA 8270C	
Thallium - Total	0.30	J	0.18	0.55	mg/kg dry	EPA 6010B	
Zinc - Total	13.7		1.88	2.76	mg/kg dry	EPA 6010B	

Client ID: S-5 **Lab ID: C903049-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Barium - Total	3.64		0.099	0.590	mg/kg dry	EPA 6010B	
Beryllium - Total	0.021	J	0.004	0.059	mg/kg dry	EPA 6010B	
Chromium - Total	3.07		0.04	0.59	mg/kg dry	EPA 6010B	

Client ID: S-5 **Lab ID:** C903049-05

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Copper - Total	0.228	J	0.070	0.590	mg/kg dry	EPA 6010B	
Lead - Total	2.55	B	0.08	0.59	mg/kg dry	EPA 6010B	QB-01
Nickel - Total	0.61		0.10	0.59	mg/kg dry	EPA 6010B	
Zinc - Total	2.06	J	2.01	2.95	mg/kg dry	EPA 6010B	

Client ID: S-6 **Lab ID:** C903049-06

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	0.29	J	0.27	0.56	mg/kg dry	EPA 6010B	
Barium - Total	3.04		0.094	0.557	mg/kg dry	EPA 6010B	
Beryllium - Total	0.018	J	0.004	0.056	mg/kg dry	EPA 6010B	
Chromium - Total	3.83		0.04	0.56	mg/kg dry	EPA 6010B	
Cinnamyl cinnamate	0.65	J			mg/kg dry	EPA 8270C	
Copper - Total	0.290	J	0.066	0.557	mg/kg dry	EPA 6010B	
Ethane, 1,1,2,2-tetrachloro-	0.88	JB			mg/kg dry	EPA 8270C	
Ethane, 1,1,2-trichloro-	0.35	J			mg/kg dry	EPA 8270C	
Lead - Total	2.56	B	0.08	0.56	mg/kg dry	EPA 6010B	QB-01
Nickel - Total	0.67		0.09	0.56	mg/kg dry	EPA 6010B	

Client ID: S-7 **Lab ID:** C903049-07

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	1.84		0.28	0.57	mg/kg dry	EPA 6010B	
Barium - Total	13.1		0.096	0.574	mg/kg dry	EPA 6010B	
Beryllium - Total	0.041	J	0.004	0.057	mg/kg dry	EPA 6010B	
Cadmium - Total	0.008	J	0.007	0.057	mg/kg dry	EPA 6010B	
Chromium - Total	11.4		0.04	0.57	mg/kg dry	EPA 6010B	
Cinnamyl cinnamate	0.51	J			mg/kg dry	EPA 8270C	
Copper - Total	0.949		0.068	0.574	mg/kg dry	EPA 6010B	
Ethane, 1,1,2,2-tetrachloro-	0.87	JB			mg/kg dry	EPA 8270C	
Ethane, 1,1,2-trichloro-	0.29	JB			mg/kg dry	EPA 8270C	
Lead - Total	5.08	B	0.08	0.57	mg/kg dry	EPA 6010B	QB-01
Mercury - Total	0.04		0.006	0.01	mg/kg dry	EPA 7471A	
Nickel - Total	1.89		0.10	0.57	mg/kg dry	EPA 6010B	
Selenium - Total	2.38		0.32	0.57	mg/kg dry	EPA 6010B	
Zinc - Total	3.21		1.95	2.87	mg/kg dry	EPA 6010B	

Client ID: Duplicate **Lab ID:** C903049-08

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
9-Octadecenamide, (Z)-	0.27	J			mg/kg dry	EPA 8270C	
Barium - Total	1.99		0.099	0.588	mg/kg dry	EPA 6010B	
Beryllium - Total	0.015	J	0.004	0.059	mg/kg dry	EPA 6010B	
Chromium - Total	1.89		0.04	0.59	mg/kg dry	EPA 6010B	
Copper - Total	0.095	J	0.069	0.588	mg/kg dry	EPA 6010B	
Ethane, 1,1,2,2-tetrachloro-	1.0	JB			mg/kg dry	EPA 8270C	
Ethane, 1,1,2-trichloro-	0.38	JB			mg/kg dry	EPA 8270C	
Lead - Total	1.67	B	0.08	0.59	mg/kg dry	EPA 6010B	QB-01
Nickel - Total	0.35	J	0.10	0.59	mg/kg dry	EPA 6010B	

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ANALYTICAL RESULTS

Description: S-1
Matrix: Soil
Project: Wrightsville Avenue REC

Lab Sample ID: C903049-01
Sampled: 03/24/09 10:05
Sampled By: Lee Ann Jones

Received: 03/25/09 10:30
Work Order: C903049
% Solids: 91.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,1,1-Trichloroethane [71-55-6] ^	0.00029	U	mg/kg dry	1	0.00029	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00032	U	mg/kg dry	1	0.00032	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,1,2-Trichloroethane [79-00-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,1-Dichloroethane [75-34-3] ^	0.00040	U	mg/kg dry	1	0.00040	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,1-Dichloroethene [75-35-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,1-Dichloropropene [563-58-6] ^	0.00052	U	mg/kg dry	1	0.00052	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00034	U	mg/kg dry	1	0.00034	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,2,3-Trichloropropane [96-18-4] ^	0.00055	U	mg/kg dry	1	0.00055	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00043	U	mg/kg dry	1	0.00043	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00027	U	mg/kg dry	1	0.00027	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.0013	U	mg/kg dry	1	0.0013	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,2-Dibromoethane [106-93-4] ^	0.00074	U	mg/kg dry	1	0.00074	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,2-Dichlorobenzene [95-50-1] ^	0.00043	U	mg/kg dry	1	0.00043	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,2-Dichloroethane [107-06-2] ^	0.00061	U	mg/kg dry	1	0.00061	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,2-Dichloropropane [78-87-5] ^	0.00042	U	mg/kg dry	1	0.00042	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00032	U	mg/kg dry	1	0.00032	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,3-Dichlorobenzene [541-73-1] ^	0.00035	U	mg/kg dry	1	0.00035	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,3-Dichloropropane [142-28-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
1,4-Dichlorobenzene [106-46-7] ^	0.00032	U	mg/kg dry	1	0.00032	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
2,2-Dichloropropane [594-20-7] ^	0.00037	U	mg/kg dry	1	0.00037	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
2-Butanone [78-93-3] ^	0.0013	U	mg/kg dry	1	0.0013	0.0081	9C25006	EPA 8260B	03/25/09 16:20	REF	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00079	U	mg/kg dry	1	0.00079	0.0081	9C25006	EPA 8260B	03/25/09 16:20	REF	
2-Chlorotoluene [95-49-8] ^	0.00029	U	mg/kg dry	1	0.00029	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
2-Hexanone [591-78-6] ^	0.0012	U	mg/kg dry	1	0.0012	0.0081	9C25006	EPA 8260B	03/25/09 16:20	REF	
4-Chlorotoluene [106-43-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
4-Isopropyltoluene [99-87-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
4-Methyl-2-pentanone [108-10-1] ^	0.00092	U	mg/kg dry	1	0.00092	0.0081	9C25006	EPA 8260B	03/25/09 16:20	REF	
Acetone [67-64-1] ^	**0.0065**	J	mg/kg dry	1	0.0019	0.0081	9C25006	EPA 8260B	03/25/09 16:20	REF	
Benzene [71-43-2] ^	0.00027	U	mg/kg dry	1	0.00027	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Bromobenzene [108-86-1] ^	0.00035	U	mg/kg dry	1	0.00035	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Bromochloromethane [74-97-5] ^	0.00066	U	mg/kg dry	1	0.00066	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Bromodichloromethane [75-27-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Bromoform [75-25-2] ^	0.00072	U	mg/kg dry	1	0.00072	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Bromomethane [74-83-9] ^	0.00037	U	mg/kg dry	1	0.00037	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Carbon disulfide [75-15-0] ^	0.00063	U	mg/kg dry	1	0.00063	0.0081	9C25006	EPA 8260B	03/25/09 16:20	REF	
Carbon Tetrachloride [56-23-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Chlorobenzene [108-90-7] ^	0.00027	U	mg/kg dry	1	0.00027	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Chloroethane [75-00-3] ^	0.00040	U	mg/kg dry	1	0.00040	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Chloroform [67-66-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Chloromethane [74-87-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
cis-1,2-Dichloroethene [156-59-2] ^	0.00037	U	mg/kg dry	1	0.00037	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Dibromochloromethane [124-48-1] ^	0.00056	U	mg/kg dry	1	0.00056	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Dibromomethane [74-95-3] ^	0.00050	U	mg/kg dry	1	0.00050	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Dichlorodifluoromethane [75-71-8] ^	0.00072	U	mg/kg dry	1	0.00072	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Ethylbenzene [100-41-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Hexachlorobutadiene [87-68-3] ^	0.00056	U	mg/kg dry	1	0.00056	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	

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Description:	S-1	**Lab Sample ID:**	C903049-01	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 10:05	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	91.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Isopropylbenzene [98-82-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00060	U	mg/kg dry	1	0.00060	0.0032	9C25006	EPA 8260B	03/25/09 16:20	REF	
Methylene Chloride [75-09-2] ^	0.00090	U	mg/kg dry	1	0.00090	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Naphthalene [91-20-3] ^	0.00039	U	mg/kg dry	1	0.00039	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
n-Butyl Benzene [104-51-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
n-Propyl Benzene [103-65-1] ^	0.00029	U	mg/kg dry	1	0.00029	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
o-Xylene [95-47-6] ^	0.00035	U	mg/kg dry	1	0.00035	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
sec-Butylbenzene [135-98-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Styrene [100-42-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
tert-Butylbenzene [98-06-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Tetrachloroethene [127-18-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Toluene [108-88-3] ^	0.00032	U	mg/kg dry	1	0.00032	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
trans-1,2-Dichloroethene [156-60-5] ^	0.00060	U	mg/kg dry	1	0.00060	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00063	U	mg/kg dry	1	0.00063	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Trichloroethene [79-01-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Trichlorofluoromethane [75-69-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Vinyl chloride [75-01-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0016	9C25006	EPA 8260B	03/25/09 16:20	REF	
Xylenes (Total) [1330-20-7] ^	0.00090	U	mg/kg dry	1	0.00090	0.0032	9C25006	EPA 8260B	03/25/09 16:20	REF	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*61-118*	*9C25006*	*EPA 8260B*	*03/25/09 16:20*	*REF*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*66-114*	*9C25006*	*EPA 8260B*	*03/25/09 16:20*	*REF*	
Toluene-d8	*44*	*1*	*50.0*	*87 %*	*63-118*	*9C25006*	*EPA 8260B*	*03/25/09 16:20*	*REF*	

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Description:	S-1	**Lab Sample ID:**	C903049-01	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 10:05	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	91.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.041	U	mg/kg dry	1	0.041	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.037	U	mg/kg dry	1	0.037	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
1-Methylnaphthalene [90-12-0] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.055	U	mg/kg dry	1	0.055	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2-Chloronaphthalene [91-58-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2-Chlorophenol [95-57-8] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.040	U	mg/kg dry	1	0.040	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2-Methylnaphthalene [91-57-6] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2-Methylphenol [95-48-7] ^	0.038	U	mg/kg dry	1	0.038	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2-Nitroaniline [88-74-4] ^	0.15	U	mg/kg dry	1	0.15	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
2-Nitrophenol [88-75-5] ^	0.042	U	mg/kg dry	1	0.042	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.036	U	mg/kg dry	1	0.036	0.73	9C25037	EPA 8270C	03/27/09 15:43	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
3-Nitroaniline [99-09-2] ^	0.040	U	mg/kg dry	1	0.040	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
4-Chloroaniline [106-47-8] ^	0.10	U	mg/kg dry	1	0.10	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
4-Nitroaniline [100-01-6] ^	0.055	U	mg/kg dry	1	0.055	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
4-Nitrophenol [100-02-7]	0.046	U	mg/kg dry	1	0.046	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Acenaphthene [83-32-9] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Acenaphthylene [208-96-8] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Anthracene [120-12-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Benzidine [92-87-5] ^	0.12	U	mg/kg dry	1	0.12	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Benzo(a)anthracene [56-55-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Benzo(a)pyrene [50-32-8] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.043	U	mg/kg dry	1	0.043	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.037	U	mg/kg dry	1	0.037	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.045	U	mg/kg dry	1	0.045	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Benzoic acid [65-85-0] ^	0.073	U	mg/kg dry	1	0.073	1.9	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Benzyl alcohol [100-51-6] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.037	U	mg/kg dry	1	0.037	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.22	U	mg/kg dry	1	0.22	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Butylbenzylphthalate [85-68-7] ^	0.049	U	mg/kg dry	1	0.049	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Chrysene [218-01-9] ^	0.037	U	mg/kg dry	1	0.037	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Dibenzofuran [132-64-9] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Diethylphthalate [84-66-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Dimethylphthalate [131-11-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Di-n-butylphthalate [84-74-2] ^	0.043	U	mg/kg dry	1	0.043	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Di-n-octylphthalate [117-84-0] ^	0.047	U	mg/kg dry	1	0.047	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	

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Description:	S-1	**Lab Sample ID:**	C903049-01	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 10:05	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	91.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**0.045**	J	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Fluorene [86-73-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Hexachlorobenzene [118-74-1] ^	0.037	U	mg/kg dry	1	0.037	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Hexachlorobutadiene [87-68-3] ^	0.037	U	mg/kg dry	1	0.037	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.045	U	mg/kg dry	1	0.045	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Hexachloroethane [67-72-1] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.037	U	mg/kg dry	1	0.037	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Isophorone [78-59-1] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Naphthalene [91-20-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Nitrobenzene [98-95-3] ^	0.037	U	mg/kg dry	1	0.037	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Pentachlorophenol [87-86-5]	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Phenanthrene [85-01-8] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Phenol [108-95-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Pyrene [129-00-0] ^	**0.037**	J	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	
Pyridine [110-86-1] ^	0.090	U	mg/kg dry	1	0.090	0.36	9C25037	EPA 8270C	03/27/09 15:43	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.2*	*1*	*3.66*	*88 %*	*28-130*	*9C25037*	*EPA 8270C*	*03/27/09 15:43*	*DFM*	
2-Fluorobiphenyl	*1.6*	*1*	*1.83*	*85 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 15:43*	*DFM*	
2-Fluorophenol	*2.6*	*1*	*3.66*	*72 %*	*49-126*	*9C25037*	*EPA 8270C*	*03/27/09 15:43*	*DFM*	
Nitrobenzene-d5	*1.5*	*1*	*1.83*	*84 %*	*50-117*	*9C25037*	*EPA 8270C*	*03/27/09 15:43*	*DFM*	
Phenol-d5	*2.8*	*1*	*3.66*	*76 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 15:43*	*DFM*	
Terphenyl-d14	*1.5*	*1*	*1.83*	*80 %*	*36-151*	*9C25037*	*EPA 8270C*	*03/27/09 15:43*	*DFM*	

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Description:	S-1	**Lab Sample ID:**	C903049-01	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 10:05	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	91.0

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
2-Pentene, 4-methyl-, (E)- [000674-76-0]	**0.36**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 15:43	DFM	
3-Penten-2-ol [001569-50-2]	**0.24**	JB	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 15:43	DFM	
Ethane, 1,1,2,2-tetrachloro- [000079-34-5]	**0.84**	JB	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 15:43	DFM	
Ethane, 1,1,2-trichloro- [000079-00-5]	**0.28**	JB	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 15:43	DFM	
Hexadecanamide [000629-54-9]	**0.15**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 15:43	DFM	
Unknown (01) [NA]	**0.45**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 15:43	DFM	
Unknown (02) [NA]	**0.61**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 15:43	DFM	

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Description:	S-1	**Lab Sample ID:**	C903049-01	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 10:05	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	91.0

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.29	U	mg/kg dry	1	0.29	0.55	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Arsenic [7440-38-2] ^	**0.30**	J	mg/kg dry	1	0.26	0.55	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Barium [7440-39-3] ^	**6.90**		mg/kg dry	1	0.092	0.549	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Beryllium [7440-41-7] ^	**0.017**	J	mg/kg dry	1	0.004	0.055	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Cadmium [7440-43-9] ^	**0.042**	J	mg/kg dry	1	0.007	0.055	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Chromium [7440-47-3] ^	**2.97**		mg/kg dry	1	0.04	0.55	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Copper [7440-50-8] ^	**0.729**		mg/kg dry	1	0.065	0.549	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Lead [7439-92-1] ^	**7.76**	B	mg/kg dry	1	0.08	0.55	9C25030	EPA 6010B	03/26/09 14:40	JDH	QB-01
Mercury [7439-97-6] ^	0.005	U	mg/kg dry	1	0.005	0.01	9C25036	EPA 7471A	03/27/09 12:55	NLH	
Nickel [7440-02-0] ^	**0.55**		mg/kg dry	1	0.09	0.55	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Selenium [7782-49-2] ^	0.31	U	mg/kg dry	1	0.31	0.55	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Silver [7440-22-4] ^	0.06	U	mg/kg dry	1	0.06	0.55	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Thallium [7440-28-0] ^	0.18	U	mg/kg dry	1	0.18	0.55	9C25030	EPA 6010B	03/26/09 14:40	JDH	
Zinc [7440-66-6] ^	**13.2**		mg/kg dry	1	1.87	2.75	9C25030	EPA 6010B	03/26/09 14:40	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-2	**Lab Sample ID:**	C903049-02	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:10	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	88.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,1-Dichloroethane [75-34-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,1-Dichloroethene [75-35-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,1-Dichloropropene [563-58-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,2,3-Trichloropropane [96-18-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,2-Dibromoethane [106-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,2-Dichlorobenzene [95-50-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,2-Dichloroethane [107-06-2] ^	0.00037	U	mg/kg dry	1	0.00037	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,2-Dichloropropane [78-87-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,3-Dichloropropane [142-28-9] ^	0.00029	U	mg/kg dry	1	0.00029	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
2-Butanone [78-93-3] ^	0.00077	U	mg/kg dry	1	0.00077	0.0049	9C25006	EPA 8260B	03/25/09 16:48	REF	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0049	9C25006	EPA 8260B	03/25/09 16:48	REF	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
2-Hexanone [591-78-6] ^	0.00074	U	mg/kg dry	1	0.00074	0.0049	9C25006	EPA 8260B	03/25/09 16:48	REF	
4-Chlorotoluene [106-43-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
4-Methyl-2-pentanone [108-10-1] ^	0.00056	U	mg/kg dry	1	0.00056	0.0049	9C25006	EPA 8260B	03/25/09 16:48	REF	
Acetone [67-64-1] ^	0.0012	U	mg/kg dry	1	0.0012	0.0049	9C25006	EPA 8260B	03/25/09 16:48	REF	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Bromochloromethane [74-97-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Bromodichloromethane [75-27-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Bromoform [75-25-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Carbon disulfide [75-15-0] ^	0.00038	U	mg/kg dry	1	0.00038	0.0049	9C25006	EPA 8260B	03/25/09 16:48	REF	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Chloroethane [75-00-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Dibromochloromethane [124-48-1] ^	0.00035	U	mg/kg dry	1	0.00035	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Dibromomethane [74-95-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Dichlorodifluoromethane [75-71-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Hexachlorobutadiene [87-68-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	9C25006	EPA 8260B	03/25/09 16:48	REF	
Methylene Chloride [75-09-2] ^	0.00055	U	mg/kg dry	1	0.00055	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	

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Description:	S-2	**Lab Sample ID:**	C903049-02	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:10	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	88.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Naphthalene [91-20-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Tetrachloroethene [127-18-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
trans-1,2-Dichloroethene [156-60-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Trichloroethene [79-01-6] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Trichlorofluoromethane [75-69-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Vinyl chloride [75-01-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	9C25006	EPA 8260B	03/25/09 16:48	REF	
Xylenes (Total) [1330-20-7] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	9C25006	EPA 8260B	03/25/09 16:48	REF	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*34*	*1*	*50.0*	*68 %*	*61-118*	*9C25006*	*EPA 8260B*	*03/25/09 16:48*	*REF*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*66-114*	*9C25006*	*EPA 8260B*	*03/25/09 16:48*	*REF*	
Toluene-d8	*43*	*1*	*50.0*	*87 %*	*63-118*	*9C25006*	*EPA 8260B*	*03/25/09 16:48*	*REF*	

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Description:	S-2	**Lab Sample ID:**	C903049-02	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:10	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	88.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.042	U	mg/kg dry	1	0.042	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
1-Methylnaphthalene [90-12-0] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.056	U	mg/kg dry	1	0.056	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2-Chloronaphthalene [91-58-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2-Chlorophenol [95-57-8] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.041	U	mg/kg dry	1	0.041	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2-Methylnaphthalene [91-57-6] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2-Methylphenol [95-48-7] ^	0.040	U	mg/kg dry	1	0.040	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2-Nitroaniline [88-74-4] ^	0.16	U	mg/kg dry	1	0.16	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
2-Nitrophenol [88-75-5] ^	0.043	U	mg/kg dry	1	0.043	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.037	U	mg/kg dry	1	0.037	0.75	9C25037	EPA 8270C	03/27/09 19:47	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
3-Nitroaniline [99-09-2] ^	0.041	U	mg/kg dry	1	0.041	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
4-Nitroaniline [100-01-6] ^	0.056	U	mg/kg dry	1	0.056	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
4-Nitrophenol [100-02-7]	0.047	U	mg/kg dry	1	0.047	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Acenaphthene [83-32-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Acenaphthylene [208-96-8] ^	**0.044**	J	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Anthracene [120-12-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Benzidine [92-87-5] ^	0.12	U	mg/kg dry	1	0.12	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.093**	J	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.14**	J	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.22**	J	mg/kg dry	1	0.044	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.11**	J	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.076**	J	mg/kg dry	1	0.046	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Benzoic acid [65-85-0] ^	0.075	U	mg/kg dry	1	0.075	1.9	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Benzyl alcohol [100-51-6] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.23	U	mg/kg dry	1	0.23	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Butylbenzylphthalate [85-68-7] ^	0.051	U	mg/kg dry	1	0.051	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Chrysene [218-01-9] ^	**0.14**	J	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Dibenzofuran [132-64-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Diethylphthalate [84-66-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Dimethylphthalate [131-11-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Di-n-butylphthalate [84-74-2] ^	0.044	U	mg/kg dry	1	0.044	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Di-n-octylphthalate [117-84-0] ^	0.049	U	mg/kg dry	1	0.049	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	

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Description:	S-2	**Lab Sample ID:**	C903049-02	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:10	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	88.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**0.23**	J	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Fluorene [86-73-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Hexachlorobenzene [118-74-1] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Hexachlorobutadiene [87-68-3] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.046	U	mg/kg dry	1	0.046	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Hexachloroethane [67-72-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.10**	J	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Isophorone [78-59-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Naphthalene [91-20-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Nitrobenzene [98-95-3] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Pentachlorophenol [87-86-5]	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Phenanthrene [85-01-8] ^	**0.055**	J	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Phenol [108-95-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Pyrene [129-00-0] ^	**0.20**	J	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	
Pyridine [110-86-1] ^	0.093	U	mg/kg dry	1	0.093	0.37	9C25037	EPA 8270C	03/27/09 19:47	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*4.1*	*1*	*3.77*	*110 %*	*28-130*	*9C25037*	*EPA 8270C*	*03/27/09 19:47*	*DFM*	
2-Fluorobiphenyl	*1.6*	*1*	*1.88*	*86 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 19:47*	*DFM*	
2-Fluorophenol	*2.8*	*1*	*3.77*	*74 %*	*49-126*	*9C25037*	*EPA 8270C*	*03/27/09 19:47*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*1.88*	*83 %*	*50-117*	*9C25037*	*EPA 8270C*	*03/27/09 19:47*	*DFM*	
Phenol-d5	*2.9*	*1*	*3.77*	*77 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 19:47*	*DFM*	
Terphenyl-d14	*1.8*	*1*	*1.88*	*93 %*	*36-151*	*9C25037*	*EPA 8270C*	*03/27/09 19:47*	*DFM*	

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Description:	S-2	**Lab Sample ID:**	C903049-02	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:10	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	88.5

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Butene, 3,3-dimethyl- [000558-37-2]	**0.41**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 19:47	DFM	
3-Penten-2-ol [001569-50-2]	**0.17**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 19:47	DFM	
9-Octadecenamide, (Z)- [000301-02-0]	**0.52**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 19:47	DFM	
D-Friedoolean-14-ene, 3-methox [014021-23-9]	**1.7**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 19:47	DFM	
Ethane, 1,1,2,2-tetrachloro- [000079-34-5]	**1.0**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 19:47	DFM	
Ethane, 1,1,2-trichloro- [000079-00-5]	**0.32**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 19:47	DFM	
Perylene [000198-55-0]	**0.18**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 19:47	DFM	
Unknown [NA]	**0.43**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 19:47	DFM	

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Description:	S-2	**Lab Sample ID:**	C903049-02	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:10	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	88.5

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.29	U	mg/kg dry	1	0.29	0.56	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Arsenic [7440-38-2] ^	**3.01**		mg/kg dry	1	0.27	0.56	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Barium [7440-39-3] ^	**61.3**		mg/kg dry	1	0.095	0.565	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Beryllium [7440-41-7] ^	**0.055**	J	mg/kg dry	1	0.004	0.056	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Cadmium [7440-43-9] ^	**0.404**		mg/kg dry	1	0.007	0.056	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Chromium [7440-47-3] ^	**6.46**		mg/kg dry	1	0.04	0.56	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Copper [7440-50-8] ^	**9.71**		mg/kg dry	1	0.067	0.565	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Lead [7439-92-1] ^	**53.3**	B	mg/kg dry	1	0.08	0.56	9C25030	EPA 6010B	03/26/09 14:54	JDH	QB-01
Mercury [7439-97-6] ^	**0.05**		mg/kg dry	1	0.006	0.01	9C25036	EPA 7471A	03/27/09 12:26	NLH	
Nickel [7440-02-0] ^	**2.62**		mg/kg dry	1	0.09	0.56	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Selenium [7782-49-2] ^	**1.19**		mg/kg dry	1	0.32	0.56	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Silver [7440-22-4] ^	0.06	U	mg/kg dry	1	0.06	0.56	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Thallium [7440-28-0] ^	0.18	U	mg/kg dry	1	0.18	0.56	9C25030	EPA 6010B	03/26/09 14:54	JDH	
Zinc [7440-66-6] ^	**196**		mg/kg dry	1	1.92	2.82	9C25030	EPA 6010B	03/26/09 14:54	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-3	**Lab Sample ID:**	C903049-03	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:25	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	82.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,1,1-Trichloroethane [71-55-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,1,2-Trichloroethane [79-00-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,1-Dichloroethane [75-34-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,1-Dichloroethene [75-35-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,1-Dichloropropene [563-58-6] ^	0.00034	U	mg/kg dry	1	0.00034	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,2,3-Trichloropropane [96-18-4] ^	0.00036	U	mg/kg dry	1	0.00036	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00083	U	mg/kg dry	1	0.00083	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,2-Dibromoethane [106-93-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,2-Dichlorobenzene [95-50-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,2-Dichloroethane [107-06-2] ^	0.00040	U	mg/kg dry	1	0.00040	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,2-Dichloropropane [78-87-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,3-Dichlorobenzene [541-73-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,3-Dichloropropane [142-28-9] ^	0.00030	U	mg/kg dry	1	0.00030	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
1,4-Dichlorobenzene [106-46-7] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
2,2-Dichloropropane [594-20-7] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
2-Butanone [78-93-3] ^	0.00082	U	mg/kg dry	1	0.00082	0.0052	9C25006	EPA 8260B	03/25/09 17:17	REF	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0052	9C25006	EPA 8260B	03/25/09 17:17	REF	
2-Chlorotoluene [95-49-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
2-Hexanone [591-78-6] ^	0.00079	U	mg/kg dry	1	0.00079	0.0052	9C25006	EPA 8260B	03/25/09 17:17	REF	
4-Chlorotoluene [106-43-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
4-Isopropyltoluene [99-87-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
4-Methyl-2-pentanone [108-10-1] ^	0.00060	U	mg/kg dry	1	0.00060	0.0052	9C25006	EPA 8260B	03/25/09 17:17	REF	
Acetone [67-64-1] ^	**0.0049**	J	mg/kg dry	1	0.0013	0.0052	9C25006	EPA 8260B	03/25/09 17:17	REF	
Benzene [71-43-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Bromobenzene [108-86-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Bromochloromethane [74-97-5] ^	0.00043	U	mg/kg dry	1	0.00043	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Bromodichloromethane [75-27-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Bromoform [75-25-2] ^	0.00047	U	mg/kg dry	1	0.00047	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Bromomethane [74-83-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Carbon disulfide [75-15-0] ^	0.00041	U	mg/kg dry	1	0.00041	0.0052	9C25006	EPA 8260B	03/25/09 17:17	REF	
Carbon Tetrachloride [56-23-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Chloroethane [75-00-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Chloroform [67-66-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Chloromethane [74-87-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
cis-1,2-Dichloroethene [156-59-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Dibromochloromethane [124-48-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Dibromomethane [74-95-3] ^	0.00032	U	mg/kg dry	1	0.00032	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Dichlorodifluoromethane [75-71-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Ethylbenzene [100-41-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Hexachlorobutadiene [87-68-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Isopropylbenzene [98-82-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	9C25006	EPA 8260B	03/25/09 17:17	REF	
Methylene Chloride [75-09-2] ^	0.00059	U	mg/kg dry	1	0.00059	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	

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Description:	S-3	**Lab Sample ID:**	C903049-03	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:25	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	82.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Naphthalene [91-20-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
n-Butyl Benzene [104-51-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
n-Propyl Benzene [103-65-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
o-Xylene [95-47-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
sec-Butylbenzene [135-98-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
tert-Butylbenzene [98-06-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Tetrachloroethene [127-18-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Toluene [108-88-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
trans-1,2-Dichloroethene [156-60-5] ^	0.00039	U	mg/kg dry	1	0.00039	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Trichloroethene [79-01-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Trichlorofluoromethane [75-69-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Vinyl chloride [75-01-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	9C25006	EPA 8260B	03/25/09 17:17	REF	
Xylenes (Total) [1330-20-7] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	9C25006	EPA 8260B	03/25/09 17:17	REF	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*92 %*	*61-118*	*9C25006*	*EPA 8260B*	*03/25/09 17:17*	*REF*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*66-114*	*9C25006*	*EPA 8260B*	*03/25/09 17:17*	*REF*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*63-118*	*9C25006*	*EPA 8260B*	*03/25/09 17:17*	*REF*	

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Description:	S-3	**Lab Sample ID:**	C903049-03	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:25	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	82.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.045	U	mg/kg dry	1	0.045	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.041	U	mg/kg dry	1	0.041	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
1-Methylnaphthalene [90-12-0] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.061	U	mg/kg dry	1	0.061	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2-Chloronaphthalene [91-58-7] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2-Chlorophenol [95-57-8] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.044	U	mg/kg dry	1	0.044	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2-Methylnaphthalene [91-57-6] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2-Methylphenol [95-48-7] ^	0.043	U	mg/kg dry	1	0.043	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2-Nitroaniline [88-74-4] ^	0.17	U	mg/kg dry	1	0.17	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
2-Nitrophenol [88-75-5] ^	0.046	U	mg/kg dry	1	0.046	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.040	U	mg/kg dry	1	0.040	0.80	9C25037	EPA 8270C	03/27/09 13:12	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.12	U	mg/kg dry	1	0.12	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
3-Nitroaniline [99-09-2] ^	0.044	U	mg/kg dry	1	0.044	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
4-Nitroaniline [100-01-6] ^	0.061	U	mg/kg dry	1	0.061	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
4-Nitrophenol [100-02-7]	0.051	U	mg/kg dry	1	0.051	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Acenaphthene [83-32-9] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Acenaphthylene [208-96-8] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Anthracene [120-12-7] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Benzo(a)anthracene [56-55-3] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Benzo(a)pyrene [50-32-8] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.047	U	mg/kg dry	1	0.047	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.041	U	mg/kg dry	1	0.041	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.050	U	mg/kg dry	1	0.050	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Benzoic acid [65-85-0] ^	0.080	U	mg/kg dry	1	0.080	2.1	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Benzyl alcohol [100-51-6] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.041	U	mg/kg dry	1	0.041	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.24	U	mg/kg dry	1	0.24	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Butylbenzylphthalate [85-68-7] ^	0.055	U	mg/kg dry	1	0.055	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Chrysene [218-01-9] ^	0.041	U	mg/kg dry	1	0.041	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Dibenzofuran [132-64-9] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Diethylphthalate [84-66-2] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Dimethylphthalate [131-11-3] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Di-n-butylphthalate [84-74-2] ^	0.047	U	mg/kg dry	1	0.047	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Di-n-octylphthalate [117-84-0] ^	0.052	U	mg/kg dry	1	0.052	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	

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Description:	S-3	**Lab Sample ID:**	C903049-03	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:25	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	82.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Fluorene [86-73-7] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Hexachlorobenzene [118-74-1] ^	0.041	U	mg/kg dry	1	0.041	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Hexachlorobutadiene [87-68-3] ^	0.041	U	mg/kg dry	1	0.041	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.050	U	mg/kg dry	1	0.050	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Hexachloroethane [67-72-1] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.041	U	mg/kg dry	1	0.041	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Isophorone [78-59-1] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Naphthalene [91-20-3] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Nitrobenzene [98-95-3] ^	0.041	U	mg/kg dry	1	0.041	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Pentachlorophenol [87-86-5]	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Phenanthrene [85-01-8] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Phenol [108-95-2] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Pyrene [129-00-0] ^	0.040	U	mg/kg dry	1	0.040	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	
Pyridine [110-86-1] ^	0.10	U	mg/kg dry	1	0.10	0.40	9C25037	EPA 8270C	03/27/09 13:12	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.0*	*1*	*4.05*	*74 %*	*28-130*	*9C25037*	*EPA 8270C*	*03/27/09 13:12*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*2.02*	*86 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 13:12*	*DFM*	
2-Fluorophenol	*3.0*	*1*	*4.05*	*73 %*	*49-126*	*9C25037*	*EPA 8270C*	*03/27/09 13:12*	*DFM*	
Nitrobenzene-d5	*1.7*	*1*	*2.02*	*84 %*	*50-117*	*9C25037*	*EPA 8270C*	*03/27/09 13:12*	*DFM*	
Phenol-d5	*3.1*	*1*	*4.05*	*77 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 13:12*	*DFM*	
Terphenyl-d14	*1.6*	*1*	*2.02*	*77 %*	*36-151*	*9C25037*	*EPA 8270C*	*03/27/09 13:12*	*DFM*	

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Description:	S-3	**Lab Sample ID:**	C903049-03	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:25	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	82.3

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Ethane, 1,1,2,2-tetrachloro- [000079-34-5]	**0.89**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 13:12	DFM	
Ethane, 1,1,2-trichloro- [000079-00-5]	**0.30**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 13:12	DFM	
Unknown [NA]	**0.43**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 13:12	DFM	

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Description:	S-3	**Lab Sample ID:**	C903049-03	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:25	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	82.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.32	U	mg/kg dry	1	0.32	0.61	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Arsenic [7440-38-2] ^	0.29	U	mg/kg dry	1	0.29	0.61	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Barium [7440-39-3] ^	**1.45**		mg/kg dry	1	0.102	0.607	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Beryllium [7440-41-7] ^	**0.010**	J	mg/kg dry	1	0.004	0.061	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Cadmium [7440-43-9] ^	0.008	U	mg/kg dry	1	0.008	0.061	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Chromium [7440-47-3] ^	**1.05**		mg/kg dry	1	0.04	0.61	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Copper [7440-50-8] ^	**0.182**	J	mg/kg dry	1	0.072	0.607	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Lead [7439-92-1] ^	**1.61**	B	mg/kg dry	1	0.08	0.61	9C25030	EPA 6010B	03/26/09 14:57	JDH	QB-01
Mercury [7439-97-6] ^	0.006	U	mg/kg dry	1	0.006	0.01	9C25036	EPA 7471A	03/27/09 12:29	NLH	
Nickel [7440-02-0] ^	**0.17**	J	mg/kg dry	1	0.10	0.61	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Selenium [7782-49-2] ^	**0.40**	J	mg/kg dry	1	0.34	0.61	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Silver [7440-22-4] ^	0.07	U	mg/kg dry	1	0.07	0.61	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Thallium [7440-28-0] ^	0.19	U	mg/kg dry	1	0.19	0.61	9C25030	EPA 6010B	03/26/09 14:57	JDH	
Zinc [7440-66-6] ^	2.06	U	mg/kg dry	1	2.06	3.04	9C25030	EPA 6010B	03/26/09 14:57	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-4	**Lab Sample ID:**	C903049-04	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:40	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	90.6

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,1,1-Trichloroethane [71-55-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,1,2-Trichloroethane [79-00-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,1-Dichloroethane [75-34-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,1-Dichloroethene [75-35-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,1-Dichloropropene [563-58-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,2,3-Trichloropropane [96-18-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00076	U	mg/kg dry	1	0.00076	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,2-Dibromoethane [106-93-4] ^	0.00044	U	mg/kg dry	1	0.00044	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,2-Dichlorobenzene [95-50-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,2-Dichloroethane [107-06-2] ^	0.00037	U	mg/kg dry	1	0.00037	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,2-Dichloropropane [78-87-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,3-Dichlorobenzene [541-73-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,3-Dichloropropane [142-28-9] ^	0.00028	U	mg/kg dry	1	0.00028	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
1,4-Dichlorobenzene [106-46-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
2,2-Dichloropropane [594-20-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
2-Butanone [78-93-3] ^	0.00075	U	mg/kg dry	1	0.00075	0.0048	9C25006	EPA 8260B	03/25/09 17:45	REF	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0048	9C25006	EPA 8260B	03/25/09 17:45	REF	
2-Chlorotoluene [95-49-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
2-Hexanone [591-78-6] ^	0.00072	U	mg/kg dry	1	0.00072	0.0048	9C25006	EPA 8260B	03/25/09 17:45	REF	
4-Chlorotoluene [106-43-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
4-Isopropyltoluene [99-87-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
4-Methyl-2-pentanone [108-10-1] ^	0.00055	U	mg/kg dry	1	0.00055	0.0048	9C25006	EPA 8260B	03/25/09 17:45	REF	
Acetone [67-64-1] ^	**0.023**		mg/kg dry	1	0.0012	0.0048	9C25006	EPA 8260B	03/25/09 17:45	REF	
Benzene [71-43-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Bromobenzene [108-86-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Bromochloromethane [74-97-5] ^	0.00039	U	mg/kg dry	1	0.00039	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Bromodichloromethane [75-27-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Bromoform [75-25-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Bromomethane [74-83-9] ^	0.00022	U	mg/kg dry	1	0.00022	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Carbon disulfide [75-15-0] ^	0.00037	U	mg/kg dry	1	0.00037	0.0048	9C25006	EPA 8260B	03/25/09 17:45	REF	
Carbon Tetrachloride [56-23-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Chlorobenzene [108-90-7] ^	0.00016	U	mg/kg dry	1	0.00016	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Chloroethane [75-00-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Chloroform [67-66-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Chloromethane [74-87-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
cis-1,2-Dichloroethene [156-59-2] ^	0.00022	U	mg/kg dry	1	0.00022	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Dibromochloromethane [124-48-1] ^	0.00034	U	mg/kg dry	1	0.00034	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Dibromomethane [74-95-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Dichlorodifluoromethane [75-71-8] ^	0.00043	U	mg/kg dry	1	0.00043	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Ethylbenzene [100-41-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Hexachlorobutadiene [87-68-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Isopropylbenzene [98-82-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	9C25006	EPA 8260B	03/25/09 17:45	REF	
Methylene Chloride [75-09-2] ^	0.00054	U	mg/kg dry	1	0.00054	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	

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Description:	S-4	**Lab Sample ID:**	C903049-04	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:40	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	90.6

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Naphthalene [91-20-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
n-Butyl Benzene [104-51-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
n-Propyl Benzene [103-65-1] ^	0.00017	U	mg/kg dry	1	0.00017	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
o-Xylene [95-47-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
sec-Butylbenzene [135-98-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Styrene [100-42-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
tert-Butylbenzene [98-06-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Tetrachloroethene [127-18-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Toluene [108-88-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
trans-1,2-Dichloroethene [156-60-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00037	U	mg/kg dry	1	0.00037	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Trichloroethene [79-01-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Trichlorofluoromethane [75-69-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Vinyl chloride [75-01-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00096	9C25006	EPA 8260B	03/25/09 17:45	REF	
Xylenes (Total) [1330-20-7] ^	0.00054	U	mg/kg dry	1	0.00054	0.0019	9C25006	EPA 8260B	03/25/09 17:45	REF	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*85 %*	*61-118*	*9C25006*	*EPA 8260B*	*03/25/09 17:45*	*REF*	
Dibromofluoromethane	*44*	*1*	*50.0*	*87 %*	*66-114*	*9C25006*	*EPA 8260B*	*03/25/09 17:45*	*REF*	
Toluene-d8	*45*	*1*	*50.0*	*89 %*	*63-118*	*9C25006*	*EPA 8260B*	*03/25/09 17:45*	*REF*	

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Description:	S-4	**Lab Sample ID:**	C903049-04	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:40	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	90.6

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.041	U	mg/kg dry	1	0.041	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.038	U	mg/kg dry	1	0.038	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
1-Methylnaphthalene [90-12-0] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.055	U	mg/kg dry	1	0.055	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2-Chloronaphthalene [91-58-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2-Chlorophenol [95-57-8] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.040	U	mg/kg dry	1	0.040	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2-Methylnaphthalene [91-57-6] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2-Methylphenol [95-48-7] ^	0.039	U	mg/kg dry	1	0.039	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2-Nitroaniline [88-74-4] ^	0.15	U	mg/kg dry	1	0.15	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
2-Nitrophenol [88-75-5] ^	0.042	U	mg/kg dry	1	0.042	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.036	U	mg/kg dry	1	0.036	0.73	9C25037	EPA 8270C	03/27/09 16:14	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
3-Nitroaniline [99-09-2] ^	0.040	U	mg/kg dry	1	0.040	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
4-Chloroaniline [106-47-8] ^	0.10	U	mg/kg dry	1	0.10	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
4-Nitroaniline [100-01-6] ^	0.055	U	mg/kg dry	1	0.055	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
4-Nitrophenol [100-02-7]	0.046	U	mg/kg dry	1	0.046	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Acenaphthene [83-32-9] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Acenaphthylene [208-96-8] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Anthracene [120-12-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Benzidine [92-87-5] ^	0.12	U	mg/kg dry	1	0.12	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Benzo(a)anthracene [56-55-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Benzo(a)pyrene [50-32-8] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.064**	J	mg/kg dry	1	0.043	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.040**	J	mg/kg dry	1	0.038	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.045	U	mg/kg dry	1	0.045	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Benzoic acid [65-85-0] ^	0.073	U	mg/kg dry	1	0.073	1.9	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Benzyl alcohol [100-51-6] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.038	U	mg/kg dry	1	0.038	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.22	U	mg/kg dry	1	0.22	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Butylbenzylphthalate [85-68-7] ^	0.050	U	mg/kg dry	1	0.050	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Chrysene [218-01-9] ^	**0.040**	J	mg/kg dry	1	0.038	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Dibenzofuran [132-64-9] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Diethylphthalate [84-66-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Dimethylphthalate [131-11-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Di-n-butylphthalate [84-74-2] ^	0.043	U	mg/kg dry	1	0.043	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Di-n-octylphthalate [117-84-0] ^	0.047	U	mg/kg dry	1	0.047	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	

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Description:	S-4	**Lab Sample ID:**	C903049-04	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:40	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	90.6

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**0.049**	J	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Fluorene [86-73-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Hexachlorobenzene [118-74-1] ^	0.038	U	mg/kg dry	1	0.038	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Hexachlorobutadiene [87-68-3] ^	0.038	U	mg/kg dry	1	0.038	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.045	U	mg/kg dry	1	0.045	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Hexachloroethane [67-72-1] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.038	U	mg/kg dry	1	0.038	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Isophorone [78-59-1] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Naphthalene [91-20-3] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Nitrobenzene [98-95-3] ^	0.038	U	mg/kg dry	1	0.038	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Pentachlorophenol [87-86-5]	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Phenanthrene [85-01-8] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Phenol [108-95-2] ^	0.036	U	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Pyrene [129-00-0] ^	**0.040**	J	mg/kg dry	1	0.036	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	
Pyridine [110-86-1] ^	0.091	U	mg/kg dry	1	0.091	0.36	9C25037	EPA 8270C	03/27/09 16:14	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.2*	*1*	*3.68*	*88 %*	*28-130*	*9C25037*	*EPA 8270C*	*03/27/09 16:14*	*DFM*	
2-Fluorobiphenyl	*1.6*	*1*	*1.84*	*86 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 16:14*	*DFM*	
2-Fluorophenol	*2.6*	*1*	*3.68*	*72 %*	*49-126*	*9C25037*	*EPA 8270C*	*03/27/09 16:14*	*DFM*	
Nitrobenzene-d5	*1.5*	*1*	*1.84*	*83 %*	*50-117*	*9C25037*	*EPA 8270C*	*03/27/09 16:14*	*DFM*	
Phenol-d5	*2.8*	*1*	*3.68*	*77 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 16:14*	*DFM*	
Terphenyl-d14	*1.4*	*1*	*1.84*	*78 %*	*36-151*	*9C25037*	*EPA 8270C*	*03/27/09 16:14*	*DFM*	

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Description:	S-4	**Lab Sample ID:**	C903049-04	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:40	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	90.6

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
.gamma.-Sitosterol [000083-47-6]	**0.18**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 16:14	DFM	
3-Penten-2-ol [001569-50-2]	**0.16**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 16:14	DFM	
9-Octadecenamide, (Z)- [000301-02-0]	**0.59**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 16:14	DFM	
Ethane, 1,1,2,2-tetrachloro- [000079-34-5]	**0.85**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 16:14	DFM	
Ethane, 1,1,2-trichloro- [000079-00-5]	**0.31**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 16:14	DFM	
Nonacosane [000630-03-5]	**0.20**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 16:14	DFM	
Tetratetracontane [007098-22-8]	**0.35**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 16:14	DFM	

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Description:	S-4	**Lab Sample ID:**	C903049-04	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:40	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	90.6

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.29	U	mg/kg dry	1	0.29	0.55	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Arsenic [7440-38-2] ^	**0.42**	J	mg/kg dry	1	0.26	0.55	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Barium [7440-39-3] ^	**6.09**		mg/kg dry	1	0.093	0.552	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Beryllium [7440-41-7] ^	**0.027**	J	mg/kg dry	1	0.004	0.055	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Cadmium [7440-43-9] ^	**0.112**		mg/kg dry	1	0.007	0.055	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Chromium [7440-47-3] ^	**7.55**		mg/kg dry	1	0.04	0.55	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Copper [7440-50-8] ^	**2.13**		mg/kg dry	1	0.065	0.552	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Lead [7439-92-1] ^	**11.2**	B	mg/kg dry	1	0.08	0.55	9C25030	EPA 6010B	03/26/09 14:59	JDH	QB-01
Mercury [7439-97-6] ^	**0.01**		mg/kg dry	1	0.006	0.01	9C25036	EPA 7471A	03/27/09 12:38	NLH	
Nickel [7440-02-0] ^	**1.49**		mg/kg dry	1	0.09	0.55	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Selenium [7782-49-2] ^	**0.99**		mg/kg dry	1	0.31	0.55	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Silver [7440-22-4] ^	0.06	U	mg/kg dry	1	0.06	0.55	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Thallium [7440-28-0] ^	**0.30**	J	mg/kg dry	1	0.18	0.55	9C25030	EPA 6010B	03/26/09 14:59	JDH	
Zinc [7440-66-6] ^	**13.7**		mg/kg dry	1	1.88	2.76	9C25030	EPA 6010B	03/26/09 14:59	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-5	**Lab Sample ID:**	C903049-05	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:45	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	84.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,1,1-Trichloroethane [71-55-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,1,2-Trichloroethane [79-00-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,1-Dichloroethane [75-34-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,1-Dichloroethene [75-35-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,1-Dichloropropene [563-58-6] ^	0.00033	U	mg/kg dry	1	0.00033	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,2,3-Trichloropropane [96-18-4] ^	0.00035	U	mg/kg dry	1	0.00035	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00082	U	mg/kg dry	1	0.00082	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,2-Dibromoethane [106-93-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,2-Dichlorobenzene [95-50-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,2-Dichloroethane [107-06-2] ^	0.00039	U	mg/kg dry	1	0.00039	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,2-Dichloropropane [78-87-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,3-Dichlorobenzene [541-73-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,3-Dichloropropane [142-28-9] ^	0.00030	U	mg/kg dry	1	0.00030	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
1,4-Dichlorobenzene [106-46-7] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
2,2-Dichloropropane [594-20-7] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
2-Butanone [78-93-3] ^	0.00081	U	mg/kg dry	1	0.00081	0.0052	9C25006	EPA 8260B	03/25/09 18:13	REF	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0052	9C25006	EPA 8260B	03/25/09 18:13	REF	
2-Chlorotoluene [95-49-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
2-Hexanone [591-78-6] ^	0.00078	U	mg/kg dry	1	0.00078	0.0052	9C25006	EPA 8260B	03/25/09 18:13	REF	
4-Chlorotoluene [106-43-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
4-Isopropyltoluene [99-87-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
4-Methyl-2-pentanone [108-10-1] ^	0.00059	U	mg/kg dry	1	0.00059	0.0052	9C25006	EPA 8260B	03/25/09 18:13	REF	
Acetone [67-64-1] ^	0.0012	U	mg/kg dry	1	0.0012	0.0052	9C25006	EPA 8260B	03/25/09 18:13	REF	
Benzene [71-43-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Bromobenzene [108-86-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Bromochloromethane [74-97-5] ^	0.00042	U	mg/kg dry	1	0.00042	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Bromodichloromethane [75-27-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Bromoform [75-25-2] ^	0.00047	U	mg/kg dry	1	0.00047	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Bromomethane [74-83-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Carbon disulfide [75-15-0] ^	0.00040	U	mg/kg dry	1	0.00040	0.0052	9C25006	EPA 8260B	03/25/09 18:13	REF	
Carbon Tetrachloride [56-23-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Chloroethane [75-00-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Chloroform [67-66-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Chloromethane [74-87-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
cis-1,2-Dichloroethene [156-59-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Dibromochloromethane [124-48-1] ^	0.00036	U	mg/kg dry	1	0.00036	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Dibromomethane [74-95-3] ^	0.00032	U	mg/kg dry	1	0.00032	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Dichlorodifluoromethane [75-71-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Ethylbenzene [100-41-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Hexachlorobutadiene [87-68-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Isopropylbenzene [98-82-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00038	U	mg/kg dry	1	0.00038	0.0021	9C25006	EPA 8260B	03/25/09 18:13	REF	
Methylene Chloride [75-09-2] ^	0.00058	U	mg/kg dry	1	0.00058	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	

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Description:	S-5	**Lab Sample ID:**	C903049-05	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:45	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	84.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Naphthalene [91-20-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
n-Butyl Benzene [104-51-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
n-Propyl Benzene [103-65-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
o-Xylene [95-47-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
sec-Butylbenzene [135-98-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
tert-Butylbenzene [98-06-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Tetrachloroethene [127-18-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Toluene [108-88-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
trans-1,2-Dichloroethene [156-60-5] ^	0.00038	U	mg/kg dry	1	0.00038	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00040	U	mg/kg dry	1	0.00040	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Trichloroethene [79-01-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Trichlorofluoromethane [75-69-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Vinyl chloride [75-01-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	9C25006	EPA 8260B	03/25/09 18:13	REF	
Xylenes (Total) [1330-20-7] ^	0.00058	U	mg/kg dry	1	0.00058	0.0021	9C25006	EPA 8260B	03/25/09 18:13	REF	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*90 %*	*61-118*	*9C25006*	*EPA 8260B*	*03/25/09 18:13*	*REF*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*66-114*	*9C25006*	*EPA 8260B*	*03/25/09 18:13*	*REF*	
Toluene-d8	*46*	*1*	*50.0*	*91 %*	*63-118*	*9C25006*	*EPA 8260B*	*03/25/09 18:13*	*REF*	

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Description:	S-5	**Lab Sample ID:**	C903049-05	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:45	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	84.7

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.044	U	mg/kg dry	1	0.044	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
1-Methylnaphthalene [90-12-0] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.059	U	mg/kg dry	1	0.059	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2-Chloronaphthalene [91-58-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2-Chlorophenol [95-57-8] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.042	U	mg/kg dry	1	0.042	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2-Methylnaphthalene [91-57-6] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2-Methylphenol [95-48-7] ^	0.041	U	mg/kg dry	1	0.041	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2-Nitroaniline [88-74-4] ^	0.17	U	mg/kg dry	1	0.17	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
2-Nitrophenol [88-75-5] ^	0.045	U	mg/kg dry	1	0.045	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.039	U	mg/kg dry	1	0.039	0.78	9C25037	EPA 8270C	03/27/09 13:42	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.12	U	mg/kg dry	1	0.12	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
3-Nitroaniline [99-09-2] ^	0.042	U	mg/kg dry	1	0.042	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
4-Nitroaniline [100-01-6] ^	0.059	U	mg/kg dry	1	0.059	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
4-Nitrophenol [100-02-7]	0.050	U	mg/kg dry	1	0.050	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Acenaphthene [83-32-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Acenaphthylene [208-96-8] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Anthracene [120-12-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Benzo(a)anthracene [56-55-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Benzo(a)pyrene [50-32-8] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.046	U	mg/kg dry	1	0.046	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.048	U	mg/kg dry	1	0.048	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Benzoic acid [65-85-0] ^	0.078	U	mg/kg dry	1	0.078	2.0	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Benzyl alcohol [100-51-6] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.24	U	mg/kg dry	1	0.24	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Butylbenzylphthalate [85-68-7] ^	0.053	U	mg/kg dry	1	0.053	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Chrysene [218-01-9] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Dibenzofuran [132-64-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Diethylphthalate [84-66-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Dimethylphthalate [131-11-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Di-n-butylphthalate [84-74-2] ^	0.046	U	mg/kg dry	1	0.046	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Di-n-octylphthalate [117-84-0] ^	0.051	U	mg/kg dry	1	0.051	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	

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Description:	S-5	**Lab Sample ID:**	C903049-05	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:45	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	84.7

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Fluorene [86-73-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Hexachlorobenzene [118-74-1] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Hexachlorobutadiene [87-68-3] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.048	U	mg/kg dry	1	0.048	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Hexachloroethane [67-72-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Isophorone [78-59-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Naphthalene [91-20-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Nitrobenzene [98-95-3] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Pentachlorophenol [87-86-5]	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Phenanthrene [85-01-8] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Phenol [108-95-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Pyrene [129-00-0] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	
Pyridine [110-86-1] ^	0.097	U	mg/kg dry	1	0.097	0.39	9C25037	EPA 8270C	03/27/09 13:42	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.4*	*1*	*3.93*	*87 %*	*28-130*	*9C25037*	*EPA 8270C*	*03/27/09 13:42*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*1.97*	*85 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 13:42*	*DFM*	
2-Fluorophenol	*2.8*	*1*	*3.93*	*72 %*	*49-126*	*9C25037*	*EPA 8270C*	*03/27/09 13:42*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*1.97*	*82 %*	*50-117*	*9C25037*	*EPA 8270C*	*03/27/09 13:42*	*DFM*	
Phenol-d5	*3.0*	*1*	*3.93*	*77 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 13:42*	*DFM*	
Terphenyl-d14	*1.7*	*1*	*1.97*	*85 %*	*36-151*	*9C25037*	*EPA 8270C*	*03/27/09 13:42*	*DFM*	

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Description:	S-5	**Lab Sample ID:**	C903049-05	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:45	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	84.7

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Tentatively Identified Compounds [NA]	0.0	U	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 13:42	DFM	

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Description:	S-5	**Lab Sample ID:**	C903049-05	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:45	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	84.7

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.31	U	mg/kg dry	1	0.31	0.59	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Arsenic [7440-38-2] ^	0.28	U	mg/kg dry	1	0.28	0.59	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Barium [7440-39-3] ^	**3.64**		mg/kg dry	1	0.099	0.590	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Beryllium [7440-41-7] ^	**0.021**	J	mg/kg dry	1	0.004	0.059	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Cadmium [7440-43-9] ^	0.008	U	mg/kg dry	1	0.008	0.059	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Chromium [7440-47-3] ^	**3.07**		mg/kg dry	1	0.04	0.59	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Copper [7440-50-8] ^	**0.228**	J	mg/kg dry	1	0.070	0.590	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Lead [7439-92-1] ^	**2.55**	B	mg/kg dry	1	0.08	0.59	9C25030	EPA 6010B	03/26/09 15:01	JDH	QB-01
Mercury [7439-97-6] ^	0.006	U	mg/kg dry	1	0.006	0.01	9C25036	EPA 7471A	03/27/09 12:41	NLH	
Nickel [7440-02-0] ^	**0.61**		mg/kg dry	1	0.10	0.59	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Selenium [7782-49-2] ^	0.33	U	mg/kg dry	1	0.33	0.59	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Silver [7440-22-4] ^	0.06	U	mg/kg dry	1	0.06	0.59	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Thallium [7440-28-0] ^	0.19	U	mg/kg dry	1	0.19	0.59	9C25030	EPA 6010B	03/26/09 15:01	JDH	
Zinc [7440-66-6] ^	**2.06**	J	mg/kg dry	1	2.01	2.95	9C25030	EPA 6010B	03/26/09 15:01	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-6	**Lab Sample ID:**	C903049-06	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 12:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	89.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,1,1-Trichloroethane [71-55-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,1,2-Trichloroethane [79-00-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,1-Dichloroethane [75-34-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,1-Dichloroethene [75-35-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,1-Dichloropropene [563-58-6] ^	0.00036	U	mg/kg dry	1	0.00036	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,2,3-Trichloropropane [96-18-4] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00088	U	mg/kg dry	1	0.00088	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,2-Dibromoethane [106-93-4] ^	0.00051	U	mg/kg dry	1	0.00051	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,2-Dichlorobenzene [95-50-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,2-Dichloroethane [107-06-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,2-Dichloropropane [78-87-5] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,3-Dichlorobenzene [541-73-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,3-Dichloropropane [142-28-9] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
1,4-Dichlorobenzene [106-46-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
2,2-Dichloropropane [594-20-7] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
2-Butanone [78-93-3] ^	0.00087	U	mg/kg dry	1	0.00087	0.0056	9C25006	EPA 8260B	03/25/09 18:41	REF	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0056	9C25006	EPA 8260B	03/25/09 18:41	REF	
2-Chlorotoluene [95-49-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
2-Hexanone [591-78-6] ^	0.00084	U	mg/kg dry	1	0.00084	0.0056	9C25006	EPA 8260B	03/25/09 18:41	REF	
4-Chlorotoluene [106-43-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
4-Isopropyltoluene [99-87-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
4-Methyl-2-pentanone [108-10-1] ^	0.00063	U	mg/kg dry	1	0.00063	0.0056	9C25006	EPA 8260B	03/25/09 18:41	REF	
Acetone [67-64-1] ^	0.0013	U	mg/kg dry	1	0.0013	0.0056	9C25006	EPA 8260B	03/25/09 18:41	REF	
Benzene [71-43-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Bromobenzene [108-86-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Bromochloromethane [74-97-5] ^	0.00046	U	mg/kg dry	1	0.00046	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Bromodichloromethane [75-27-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Bromoform [75-25-2] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Bromomethane [74-83-9] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Carbon disulfide [75-15-0] ^	0.00043	U	mg/kg dry	1	0.00043	0.0056	9C25006	EPA 8260B	03/25/09 18:41	REF	
Carbon Tetrachloride [56-23-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Chlorobenzene [108-90-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Chloroethane [75-00-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Chloroform [67-66-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Chloromethane [74-87-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
cis-1,2-Dichloroethene [156-59-2] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Dibromochloromethane [124-48-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Dibromomethane [74-95-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Dichlorodifluoromethane [75-71-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Ethylbenzene [100-41-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Hexachlorobutadiene [87-68-3] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Isopropylbenzene [98-82-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00041	U	mg/kg dry	1	0.00041	0.0022	9C25006	EPA 8260B	03/25/09 18:41	REF	
Methylene Chloride [75-09-2] ^	0.00062	U	mg/kg dry	1	0.00062	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	

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Description:	S-6	**Lab Sample ID:**	C903049-06	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 12:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	89.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Naphthalene [91-20-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
n-Butyl Benzene [104-51-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
n-Propyl Benzene [103-65-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
o-Xylene [95-47-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
sec-Butylbenzene [135-98-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Styrene [100-42-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
tert-Butylbenzene [98-06-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Tetrachloroethene [127-18-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Toluene [108-88-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
trans-1,2-Dichloroethene [156-60-5] ^	0.00041	U	mg/kg dry	1	0.00041	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Trichloroethene [79-01-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Trichlorofluoromethane [75-69-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Vinyl chloride [75-01-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	9C25006	EPA 8260B	03/25/09 18:41	REF	
Xylenes (Total) [1330-20-7] ^	0.00062	U	mg/kg dry	1	0.00062	0.0022	9C25006	EPA 8260B	03/25/09 18:41	REF	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*87 %*	*61-118*	*9C25006*	*EPA 8260B*	*03/25/09 18:41*	*REF*	
Dibromofluoromethane	*43*	*1*	*50.0*	*86 %*	*66-114*	*9C25006*	*EPA 8260B*	*03/25/09 18:41*	*REF*	
Toluene-d8	*45*	*1*	*50.0*	*90 %*	*63-118*	*9C25006*	*EPA 8260B*	*03/25/09 18:41*	*REF*	

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Description:	S-6	**Lab Sample ID:**	C903049-06	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 12:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	89.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.041	U	mg/kg dry	1	0.041	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
1-Methylnaphthalene [90-12-0] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.056	U	mg/kg dry	1	0.056	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2-Chloronaphthalene [91-58-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2-Chlorophenol [95-57-8] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.040	U	mg/kg dry	1	0.040	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2-Methylnaphthalene [91-57-6] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2-Methylphenol [95-48-7] ^	0.039	U	mg/kg dry	1	0.039	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2-Nitroaniline [88-74-4] ^	0.16	U	mg/kg dry	1	0.16	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
2-Nitrophenol [88-75-5] ^	0.042	U	mg/kg dry	1	0.042	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.037	U	mg/kg dry	1	0.037	0.74	9C25037	EPA 8270C	03/27/09 14:12	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
3-Nitroaniline [99-09-2] ^	0.040	U	mg/kg dry	1	0.040	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
4-Chloroaniline [106-47-8] ^	0.10	U	mg/kg dry	1	0.10	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
4-Nitroaniline [100-01-6] ^	0.056	U	mg/kg dry	1	0.056	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
4-Nitrophenol [100-02-7]	0.047	U	mg/kg dry	1	0.047	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Acenaphthene [83-32-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Acenaphthylene [208-96-8] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Anthracene [120-12-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Benzidine [92-87-5] ^	0.12	U	mg/kg dry	1	0.12	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Benzo(a)anthracene [56-55-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Benzo(a)pyrene [50-32-8] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.043	U	mg/kg dry	1	0.043	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.046	U	mg/kg dry	1	0.046	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Benzoic acid [65-85-0] ^	0.074	U	mg/kg dry	1	0.074	1.9	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Benzyl alcohol [100-51-6] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.22	U	mg/kg dry	1	0.22	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Butylbenzylphthalate [85-68-7] ^	0.050	U	mg/kg dry	1	0.050	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Chrysene [218-01-9] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Dibenzofuran [132-64-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Diethylphthalate [84-66-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Dimethylphthalate [131-11-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Di-n-butylphthalate [84-74-2] ^	0.043	U	mg/kg dry	1	0.043	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Di-n-octylphthalate [117-84-0] ^	0.048	U	mg/kg dry	1	0.048	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	

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Description:	S-6	**Lab Sample ID:**	C903049-06	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 12:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	89.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Fluorene [86-73-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Hexachlorobenzene [118-74-1] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Hexachlorobutadiene [87-68-3] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.046	U	mg/kg dry	1	0.046	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Hexachloroethane [67-72-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Isophorone [78-59-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Naphthalene [91-20-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Nitrobenzene [98-95-3] ^	0.038	U	mg/kg dry	1	0.038	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Pentachlorophenol [87-86-5]	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Phenanthrene [85-01-8] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Phenol [108-95-2] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Pyrene [129-00-0] ^	0.037	U	mg/kg dry	1	0.037	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	
Pyridine [110-86-1] ^	0.091	U	mg/kg dry	1	0.091	0.37	9C25037	EPA 8270C	03/27/09 14:12	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*2.6*	*1*	*3.71*	*71 %*	*28-130*	*9C25037*	*EPA 8270C*	*03/27/09 14:12*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*1.86*	*90 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 14:12*	*DFM*	
2-Fluorophenol	*2.7*	*1*	*3.71*	*72 %*	*49-126*	*9C25037*	*EPA 8270C*	*03/27/09 14:12*	*DFM*	
Nitrobenzene-d5	*1.5*	*1*	*1.86*	*83 %*	*50-117*	*9C25037*	*EPA 8270C*	*03/27/09 14:12*	*DFM*	
Phenol-d5	*2.8*	*1*	*3.71*	*75 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 14:12*	*DFM*	
Terphenyl-d14	*1.3*	*1*	*1.86*	*70 %*	*36-151*	*9C25037*	*EPA 8270C*	*03/27/09 14:12*	*DFM*	

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Description:	S-6	**Lab Sample ID:**	C903049-06	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 12:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	89.8

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Cinnamyl cinnamate [000122-69-0]	**0.65**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 14:12	DFM	
Ethane, 1,1,2,2-tetrachloro- [000079-34-5]	**0.88**	JB	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 14:12	DFM	
Ethane, 1,1,2-trichloro- [000079-00-5]	**0.35**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 14:12	DFM	

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Description:	S-6	**Lab Sample ID:**	C903049-06	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 12:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	89.8

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.29	U	mg/kg dry	1	0.29	0.56	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Arsenic [7440-38-2] ^	**0.29**	J	mg/kg dry	1	0.27	0.56	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Barium [7440-39-3] ^	**3.04**		mg/kg dry	1	0.094	0.557	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Beryllium [7440-41-7] ^	**0.018**	J	mg/kg dry	1	0.004	0.056	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Cadmium [7440-43-9] ^	0.007	U	mg/kg dry	1	0.007	0.056	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Chromium [7440-47-3] ^	**3.83**		mg/kg dry	1	0.04	0.56	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Copper [7440-50-8] ^	**0.290**	J	mg/kg dry	1	0.066	0.557	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Lead [7439-92-1] ^	**2.56**	B	mg/kg dry	1	0.08	0.56	9C25030	EPA 6010B	03/26/09 15:03	JDH	QB-01
Mercury [7439-97-6] ^	0.006	U	mg/kg dry	1	0.006	0.01	9C25036	EPA 7471A	03/27/09 12:44	NLH	
Nickel [7440-02-0] ^	**0.67**		mg/kg dry	1	0.09	0.56	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Selenium [7782-49-2] ^	0.31	U	mg/kg dry	1	0.31	0.56	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Silver [7440-22-4] ^	0.06	U	mg/kg dry	1	0.06	0.56	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Thallium [7440-28-0] ^	0.18	U	mg/kg dry	1	0.18	0.56	9C25030	EPA 6010B	03/26/09 15:03	JDH	
Zinc [7440-66-6] ^	1.89	U	mg/kg dry	1	1.89	2.79	9C25030	EPA 6010B	03/26/09 15:03	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-7	**Lab Sample ID:**	C903049-07	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 13:30	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	87.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,1,1-Trichloroethane [71-55-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,1,2-Trichloroethane [79-00-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,1-Dichloroethane [75-34-3] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,1-Dichloroethene [75-35-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,1-Dichloropropene [563-58-6] ^	0.00037	U	mg/kg dry	1	0.00037	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,2,3-Trichloropropane [96-18-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00091	U	mg/kg dry	1	0.00091	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,2-Dibromoethane [106-93-4] ^	0.00053	U	mg/kg dry	1	0.00053	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,2-Dichlorobenzene [95-50-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,2-Dichloroethane [107-06-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,2-Dichloropropane [78-87-5] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,3-Dichlorobenzene [541-73-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,3-Dichloropropane [142-28-9] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
1,4-Dichlorobenzene [106-46-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
2,2-Dichloropropane [594-20-7] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
2-Butanone [78-93-3] ^	0.00089	U	mg/kg dry	1	0.00089	0.0057	9C25006	EPA 8260B	03/25/09 19:09	REF	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0057	9C25006	EPA 8260B	03/25/09 19:09	REF	
2-Chlorotoluene [95-49-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
2-Hexanone [591-78-6] ^	0.00086	U	mg/kg dry	1	0.00086	0.0057	9C25006	EPA 8260B	03/25/09 19:09	REF	
4-Chlorotoluene [106-43-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
4-Isopropyltoluene [99-87-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
4-Methyl-2-pentanone [108-10-1] ^	0.00065	U	mg/kg dry	1	0.00065	0.0057	9C25006	EPA 8260B	03/25/09 19:09	REF	
Acetone [67-64-1] ^	0.0014	U	mg/kg dry	1	0.0014	0.0057	9C25006	EPA 8260B	03/25/09 19:09	REF	
Benzene [71-43-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Bromobenzene [108-86-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Bromochloromethane [74-97-5] ^	0.00047	U	mg/kg dry	1	0.00047	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Bromodichloromethane [75-27-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Bromoform [75-25-2] ^	0.00052	U	mg/kg dry	1	0.00052	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Bromomethane [74-83-9] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Carbon disulfide [75-15-0] ^	0.00045	U	mg/kg dry	1	0.00045	0.0057	9C25006	EPA 8260B	03/25/09 19:09	REF	
Carbon Tetrachloride [56-23-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Chlorobenzene [108-90-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Chloroethane [75-00-3] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Chloroform [67-66-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Chloromethane [74-87-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
cis-1,2-Dichloroethene [156-59-2] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Dibromochloromethane [124-48-1] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Dibromomethane [74-95-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Dichlorodifluoromethane [75-71-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Ethylbenzene [100-41-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Hexachlorobutadiene [87-68-3] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Isopropylbenzene [98-82-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00042	U	mg/kg dry	1	0.00042	0.0023	9C25006	EPA 8260B	03/25/09 19:09	REF	
Methylene Chloride [75-09-2] ^	0.00064	U	mg/kg dry	1	0.00064	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	

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Description:	S-7	**Lab Sample ID:**	C903049-07	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 13:30	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	87.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Naphthalene [91-20-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
n-Butyl Benzene [104-51-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
n-Propyl Benzene [103-65-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
o-Xylene [95-47-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
sec-Butylbenzene [135-98-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Styrene [100-42-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
tert-Butylbenzene [98-06-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Tetrachloroethene [127-18-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Toluene [108-88-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
trans-1,2-Dichloroethene [156-60-5] ^	0.00042	U	mg/kg dry	1	0.00042	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00045	U	mg/kg dry	1	0.00045	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Trichloroethene [79-01-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Trichlorofluoromethane [75-69-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Vinyl chloride [75-01-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9C25006	EPA 8260B	03/25/09 19:09	REF	
Xylenes (Total) [1330-20-7] ^	0.00064	U	mg/kg dry	1	0.00064	0.0023	9C25006	EPA 8260B	03/25/09 19:09	REF	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*105 %*	*61-118*	*9C25006*	*EPA 8260B*	*03/25/09 19:09*	*REF*	
Dibromofluoromethane	*51*	*1*	*50.0*	*103 %*	*66-114*	*9C25006*	*EPA 8260B*	*03/25/09 19:09*	*REF*	
Toluene-d8	*55*	*1*	*50.0*	*110 %*	*63-118*	*9C25006*	*EPA 8260B*	*03/25/09 19:09*	*REF*	

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Description:	S-7	**Lab Sample ID:**	C903049-07	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 13:30	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	87.2

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.042	U	mg/kg dry	1	0.042	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.039	U	mg/kg dry	1	0.039	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
1-Methylnaphthalene [90-12-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.057	U	mg/kg dry	1	0.057	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2-Chloronaphthalene [91-58-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2-Chlorophenol [95-57-8] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.041	U	mg/kg dry	1	0.041	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2-Methylnaphthalene [91-57-6] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2-Methylphenol [95-48-7] ^	0.040	U	mg/kg dry	1	0.040	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2-Nitroaniline [88-74-4] ^	0.16	U	mg/kg dry	1	0.16	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
2-Nitrophenol [88-75-5] ^	0.044	U	mg/kg dry	1	0.044	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.038	U	mg/kg dry	1	0.038	0.76	9C25037	EPA 8270C	03/27/09 14:43	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
3-Nitroaniline [99-09-2] ^	0.041	U	mg/kg dry	1	0.041	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
4-Nitroaniline [100-01-6] ^	0.057	U	mg/kg dry	1	0.057	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
4-Nitrophenol [100-02-7]	0.048	U	mg/kg dry	1	0.048	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Acenaphthene [83-32-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Acenaphthylene [208-96-8] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Anthracene [120-12-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Benzo(a)anthracene [56-55-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Benzo(a)pyrene [50-32-8] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.045	U	mg/kg dry	1	0.045	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.039	U	mg/kg dry	1	0.039	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.047	U	mg/kg dry	1	0.047	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Benzoic acid [65-85-0] ^	0.076	U	mg/kg dry	1	0.076	2.0	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Benzyl alcohol [100-51-6] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.039	U	mg/kg dry	1	0.039	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.23	U	mg/kg dry	1	0.23	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Butylbenzylphthalate [85-68-7] ^	0.052	U	mg/kg dry	1	0.052	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Chrysene [218-01-9] ^	0.039	U	mg/kg dry	1	0.039	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Dibenzofuran [132-64-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Diethylphthalate [84-66-2] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Dimethylphthalate [131-11-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Di-n-butylphthalate [84-74-2] ^	0.045	U	mg/kg dry	1	0.045	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Di-n-octylphthalate [117-84-0] ^	0.049	U	mg/kg dry	1	0.049	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	

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Description:	S-7	**Lab Sample ID:**	C903049-07	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 13:30	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	87.2

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Fluorene [86-73-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Hexachlorobenzene [118-74-1] ^	0.039	U	mg/kg dry	1	0.039	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Hexachlorobutadiene [87-68-3] ^	0.039	U	mg/kg dry	1	0.039	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.047	U	mg/kg dry	1	0.047	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Hexachloroethane [67-72-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.039	U	mg/kg dry	1	0.039	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Isophorone [78-59-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Naphthalene [91-20-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Nitrobenzene [98-95-3] ^	0.039	U	mg/kg dry	1	0.039	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Pentachlorophenol [87-86-5]	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Phenanthrene [85-01-8] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Phenol [108-95-2] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Pyrene [129-00-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	
Pyridine [110-86-1] ^	0.094	U	mg/kg dry	1	0.094	0.38	9C25037	EPA 8270C	03/27/09 14:43	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.1*	*1*	*3.82*	*81 %*	*28-130*	*9C25037*	*EPA 8270C*	*03/27/09 14:43*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*1.91*	*87 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 14:43*	*DFM*	
2-Fluorophenol	*2.8*	*1*	*3.82*	*73 %*	*49-126*	*9C25037*	*EPA 8270C*	*03/27/09 14:43*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*1.91*	*84 %*	*50-117*	*9C25037*	*EPA 8270C*	*03/27/09 14:43*	*DFM*	
Phenol-d5	*2.9*	*1*	*3.82*	*76 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 14:43*	*DFM*	
Terphenyl-d14	*1.5*	*1*	*1.91*	*78 %*	*36-151*	*9C25037*	*EPA 8270C*	*03/27/09 14:43*	*DFM*	

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Description:	S-7	**Lab Sample ID:**	C903049-07	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 13:30	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	87.2

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Cinnamyl cinnamate [000122-69-0]	**0.51**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 14:43	DFM	
Ethane, 1,1,2,2-tetrachloro- [000079-34-5]	**0.87**	JB	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 14:43	DFM	
Ethane, 1,1,2-trichloro- [000079-00-5]	**0.29**	JB	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 14:43	DFM	

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Description:	S-7	**Lab Sample ID:**	C903049-07	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 13:30	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	87.2

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.30	U	mg/kg dry	1	0.30	0.57	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Arsenic [7440-38-2] ^	**1.84**		mg/kg dry	1	0.28	0.57	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Barium [7440-39-3] ^	**13.1**		mg/kg dry	1	0.096	0.574	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Beryllium [7440-41-7] ^	**0.041**	J	mg/kg dry	1	0.004	0.057	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Cadmium [7440-43-9] ^	**0.008**	J	mg/kg dry	1	0.007	0.057	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Chromium [7440-47-3] ^	**11.4**		mg/kg dry	1	0.04	0.57	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Copper [7440-50-8] ^	**0.949**		mg/kg dry	1	0.068	0.574	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Lead [7439-92-1] ^	**5.08**	B	mg/kg dry	1	0.08	0.57	9C25030	EPA 6010B	03/26/09 15:05	JDH	QB-01
Mercury [7439-97-6] ^	**0.04**		mg/kg dry	1	0.006	0.01	9C25036	EPA 7471A	03/27/09 12:46	NLH	
Nickel [7440-02-0] ^	**1.89**		mg/kg dry	1	0.10	0.57	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Selenium [7782-49-2] ^	**2.38**		mg/kg dry	1	0.32	0.57	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Silver [7440-22-4] ^	0.06	U	mg/kg dry	1	0.06	0.57	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Thallium [7440-28-0] ^	0.18	U	mg/kg dry	1	0.18	0.57	9C25030	EPA 6010B	03/26/09 15:05	JDH	
Zinc [7440-66-6] ^	**3.21**		mg/kg dry	1	1.95	2.87	9C25030	EPA 6010B	03/26/09 15:05	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	Duplicate	**Lab Sample ID:**	C903049-08	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	85.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,1-Dichloroethane [75-34-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,1-Dichloroethene [75-35-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,1-Dichloropropene [563-58-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,2,3-Trichloropropane [96-18-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,2-Dibromoethane [106-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,2-Dichlorobenzene [95-50-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,2-Dichloroethane [107-06-2] ^	0.00038	U	mg/kg dry	1	0.00038	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,2-Dichloropropane [78-87-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,3-Dichloropropane [142-28-9] ^	0.00029	U	mg/kg dry	1	0.00029	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
2-Butanone [78-93-3] ^	0.00077	U	mg/kg dry	1	0.00077	0.0049	9C25006	EPA 8260B	03/25/09 19:37	REF	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0049	9C25006	EPA 8260B	03/25/09 19:37	REF	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
2-Hexanone [591-78-6] ^	0.00074	U	mg/kg dry	1	0.00074	0.0049	9C25006	EPA 8260B	03/25/09 19:37	REF	
4-Chlorotoluene [106-43-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
4-Methyl-2-pentanone [108-10-1] ^	0.00056	U	mg/kg dry	1	0.00056	0.0049	9C25006	EPA 8260B	03/25/09 19:37	REF	
Acetone [67-64-1] ^	0.0012	U	mg/kg dry	1	0.0012	0.0049	9C25006	EPA 8260B	03/25/09 19:37	REF	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Bromochloromethane [74-97-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Bromodichloromethane [75-27-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Bromoform [75-25-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Carbon disulfide [75-15-0] ^	0.00039	U	mg/kg dry	1	0.00039	0.0049	9C25006	EPA 8260B	03/25/09 19:37	REF	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Chloroethane [75-00-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Dibromochloromethane [124-48-1] ^	0.00035	U	mg/kg dry	1	0.00035	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Dibromomethane [74-95-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Dichlorodifluoromethane [75-71-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Hexachlorobutadiene [87-68-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	9C25006	EPA 8260B	03/25/09 19:37	REF	
Methylene Chloride [75-09-2] ^	0.00055	U	mg/kg dry	1	0.00055	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	

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Description:	Duplicate	**Lab Sample ID:**	C903049-08	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	85.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Naphthalene [91-20-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Tetrachloroethene [127-18-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
trans-1,2-Dichloroethene [156-60-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00039	U	mg/kg dry	1	0.00039	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Trichloroethene [79-01-6] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Trichlorofluoromethane [75-69-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Vinyl chloride [75-01-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	9C25006	EPA 8260B	03/25/09 19:37	REF	
Xylenes (Total) [1330-20-7] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	9C25006	EPA 8260B	03/25/09 19:37	REF	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*61-118*	*9C25006*	*EPA 8260B*	*03/25/09 19:37*	*REF*	
Dibromofluoromethane	*43*	*1*	*50.0*	*86 %*	*66-114*	*9C25006*	*EPA 8260B*	*03/25/09 19:37*	*REF*	
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*63-118*	*9C25006*	*EPA 8260B*	*03/25/09 19:37*	*REF*	

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Description:	Duplicate	**Lab Sample ID:**	C903049-08	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	85.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.043	U	mg/kg dry	1	0.043	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
1-Methylnaphthalene [90-12-0] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.059	U	mg/kg dry	1	0.059	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2-Chloronaphthalene [91-58-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2-Chlorophenol [95-57-8] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.042	U	mg/kg dry	1	0.042	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2-Methylnaphthalene [91-57-6] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2-Methylphenol [95-48-7] ^	0.041	U	mg/kg dry	1	0.041	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2-Nitroaniline [88-74-4] ^	0.16	U	mg/kg dry	1	0.16	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
2-Nitrophenol [88-75-5] ^	0.045	U	mg/kg dry	1	0.045	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.039	U	mg/kg dry	1	0.039	0.78	9C25037	EPA 8270C	03/27/09 15:13	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.12	U	mg/kg dry	1	0.12	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
3-Nitroaniline [99-09-2] ^	0.042	U	mg/kg dry	1	0.042	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
4-Nitroaniline [100-01-6] ^	0.059	U	mg/kg dry	1	0.059	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
4-Nitrophenol [100-02-7]	0.049	U	mg/kg dry	1	0.049	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Acenaphthene [83-32-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Acenaphthylene [208-96-8] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Anthracene [120-12-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Benzo(a)anthracene [56-55-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Benzo(a)pyrene [50-32-8] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.046	U	mg/kg dry	1	0.046	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.048	U	mg/kg dry	1	0.048	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Benzoic acid [65-85-0] ^	0.078	U	mg/kg dry	1	0.078	2.0	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Benzyl alcohol [100-51-6] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Bis(2-chloroisopropyl)ether [39638-32-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.24	U	mg/kg dry	1	0.24	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Butylbenzylphthalate [85-68-7] ^	0.053	U	mg/kg dry	1	0.053	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Chrysene [218-01-9] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Dibenzofuran [132-64-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Diethylphthalate [84-66-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Dimethylphthalate [131-11-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Di-n-butylphthalate [84-74-2] ^	0.046	U	mg/kg dry	1	0.046	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Di-n-octylphthalate [117-84-0] ^	0.051	U	mg/kg dry	1	0.051	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	

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Description:	Duplicate	**Lab Sample ID:**	C903049-08	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	85.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Fluorene [86-73-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Hexachlorobenzene [118-74-1] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Hexachlorobutadiene [87-68-3] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.048	U	mg/kg dry	1	0.048	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Hexachloroethane [67-72-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Isophorone [78-59-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Naphthalene [91-20-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Nitrobenzene [98-95-3] ^	0.040	U	mg/kg dry	1	0.040	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Pentachlorophenol [87-86-5]	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Phenanthrene [85-01-8] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Phenol [108-95-2] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Pyrene [129-00-0] ^	0.039	U	mg/kg dry	1	0.039	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	
Pyridine [110-86-1] ^	0.096	U	mg/kg dry	1	0.096	0.39	9C25037	EPA 8270C	03/27/09 15:13	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*2.9*	*1*	*3.92*	*74 %*	*28-130*	*9C25037*	*EPA 8270C*	*03/27/09 15:13*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*1.96*	*87 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 15:13*	*DFM*	
2-Fluorophenol	*2.8*	*1*	*3.92*	*71 %*	*49-126*	*9C25037*	*EPA 8270C*	*03/27/09 15:13*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*1.96*	*83 %*	*50-117*	*9C25037*	*EPA 8270C*	*03/27/09 15:13*	*DFM*	
Phenol-d5	*2.9*	*1*	*3.92*	*74 %*	*56-120*	*9C25037*	*EPA 8270C*	*03/27/09 15:13*	*DFM*	
Terphenyl-d14	*1.4*	*1*	*1.96*	*72 %*	*36-151*	*9C25037*	*EPA 8270C*	*03/27/09 15:13*	*DFM*	

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Description:	Duplicate	**Lab Sample ID:**	C903049-08	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	85.1

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
9-Octadecenamide, (Z)- [000301-02-0]	**0.27**	J	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 15:13	DFM	
Ethane, 1,1,2,2-tetrachloro- [000079-34-5]	**1.0**	JB	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 15:13	DFM	
Ethane, 1,1,2-trichloro- [000079-00-5]	**0.38**	JB	mg/kg dry	1			9C25037	EPA 8270C	03/27/09 15:13	DFM	

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Description:	Duplicate	**Lab Sample ID:**	C903049-08	**Received:**	03/25/09 10:30
Matrix:	Soil	**Sampled:**	03/24/09 11:50	**Work Order:**	C903049
Project:	Wrightsville Avenue REC	**Sampled By:**	Lee Ann Jones	**% Solids:**	85.1

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.31	U	mg/kg dry	1	0.31	0.59	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Arsenic [7440-38-2] ^	0.28	U	mg/kg dry	1	0.28	0.59	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Barium [7440-39-3] ^	**1.99**		mg/kg dry	1	0.099	0.588	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Beryllium [7440-41-7] ^	**0.015**	J	mg/kg dry	1	0.004	0.059	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Cadmium [7440-43-9] ^	0.008	U	mg/kg dry	1	0.008	0.059	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Chromium [7440-47-3] ^	**1.89**		mg/kg dry	1	0.04	0.59	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Copper [7440-50-8] ^	**0.095**	J	mg/kg dry	1	0.069	0.588	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Lead [7439-92-1] ^	**1.67**	B	mg/kg dry	1	0.08	0.59	9C25030	EPA 6010B	03/26/09 15:07	JDH	QB-01
Mercury [7439-97-6] ^	0.006	U	mg/kg dry	1	0.006	0.01	9C25036	EPA 7471A	03/27/09 12:49	NLH	
Nickel [7440-02-0] ^	**0.35**	J	mg/kg dry	1	0.10	0.59	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Selenium [7782-49-2] ^	0.33	U	mg/kg dry	1	0.33	0.59	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Silver [7440-22-4] ^	0.06	U	mg/kg dry	1	0.06	0.59	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Thallium [7440-28-0] ^	0.19	U	mg/kg dry	1	0.19	0.59	9C25030	EPA 6010B	03/26/09 15:07	JDH	
Zinc [7440-66-6] ^	2.00	U	mg/kg dry	1	2.00	2.94	9C25030	EPA 6010B	03/26/09 15:07	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: Trip Blank
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903049-09
Sampled: 03/24/09 10:05
Sampled By: ENCO

Received: 03/25/09 10:30
Work Order: C903049

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,3-Dichloropropane [142-28-9] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
2,2-Dichloropropane [594-20-7] ^	0.55	U	ug/L	1	0.55	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.94	U	ug/L	1	0.94	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
4-Chlorotoluene [106-43-4] ^	0.25	U	ug/L	1	0.25	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
4-Isopropyltoluene [99-87-6] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Bromobenzene [108-86-1] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Ethanol [64-17-5]	26	U	ug/L	1	26	50	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	

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Description: Trip Blank
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C903049-09
Sampled: 03/24/09 10:05
Sampled By: ENCO

Received: 03/25/09 10:30
Work Order: C903049

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Naphthalene [91-20-3] ^	0.39	U	ug/L	1	0.39	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
n-Propyl Benzene [103-65-1] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
sec-Butylbenzene [135-98-8] ^	0.24	U	ug/L	1	0.24	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
tert-Butylbenzene [98-06-6] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	9C26015	EPA 8260B	03/26/09 14:04	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*89 %*	*51-122*	*9C26015*	*EPA 8260B*	*03/26/09 14:04*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*91 %*	*68-117*	*9C26015*	*EPA 8260B*	*03/26/09 14:04*	*JKG*	
Toluene-d8	*43*	*1*	*50.0*	*86 %*	*69-110*	*9C26015*	*EPA 8260B*	*03/26/09 14:04*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C25006 - EPA 5035_MS

Blank (9C25006-BLK1) Prepared: 03/25/2009 10:12 Analyzed: 03/25/2009 13:59

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C25006 - EPA 5035_MS

Blank (9C25006-BLK1) Continued Prepared: 03/25/2009 10:12 Analyzed: 03/25/2009 13:59

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Methylene Chloride	0.00056	U	0.0010	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0020	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*95*	*61-118*			
Surrogate: Dibromofluoromethane	*47*			*ug/L*	*50.0*		*95*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*63-118*			

LCS (9C25006-BS1) Prepared: 03/25/2009 10:12 Analyzed: 03/25/2009 14:27

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0		108	64-133			
Benzene	21		1.0	ug/L	20.0		106	79-129			
Chlorobenzene	21		1.0	ug/L	20.0		103	79-121			
Toluene	22		1.0	ug/L	20.0		111	77-120			
Trichloroethene	21		1.0	ug/L	20.0		103	78-118			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*93*	*61-118*			
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*93*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*95*	*63-118*			

Matrix Spike (9C25006-MS1) Prepared: 03/25/2009 10:12 Analyzed: 03/25/2009 14:55

Source: C903595-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.30 U	95	64-133			
Benzene	19		1.0	ug/L	20.0	0.17 U	95	79-129			
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	94	79-121			
Toluene	20		1.0	ug/L	20.0	0.20 U	101	77-120			
Trichloroethene	18		1.0	ug/L	20.0	0.27 U	91	78-118			
Surrogate: 4-Bromofluorobenzene	*43*			*ug/L*	*50.0*		*86*	*61-118*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*87*	*66-114*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*63-118*			

Matrix Spike Dup (9C25006-MSD1) Prepared: 03/25/2009 10:12 Analyzed: 03/25/2009 15:23

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C25006 - EPA 5035_MS

Matrix Spike Dup (9C25006-MSD1) Continued Prepared: 03/25/2009 10:12 Analyzed: 03/25/2009 15:23

Source: C903595-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.30 U	97	64-133	2	23	
Benzene	19		1.0	ug/L	20.0	0.17 U	96	79-129	1	23	
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	96	79-121	2	25	
Toluene	21		1.0	ug/L	20.0	0.20 U	103	77-120	2	23	
Trichloroethene	19		1.0	ug/L	20.0	0.27 U	94	78-118	4	24	
Surrogate: 4-Bromofluorobenzene	*43*			*ug/L*	*50.0*		*87*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*84*	*66-114*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*63-118*			

Batch 9C26007 - EPA 5035_MS

Blank (9C26007-BLK1) Prepared: 03/26/2009 08:54 Analyzed: 03/27/2009 12:25

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C26007 - EPA 5035_MS

Blank (9C26007-BLK1) Continued Prepared: 03/26/2009 08:54 Analyzed: 03/27/2009 12:25

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							
m,p-Xylenes	0.00037	U	0.0020	mg/kg wet							
Methylene Chloride	0.00056	U	0.0010	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
o-Xylene	0.00022	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0020	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*91*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*85*	*66-114*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*63-118*			

LCS (9C26007-BS1) Prepared: 03/26/2009 08:54 Analyzed: 03/27/2009 12:54

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0		101	64-133			
Benzene	20		1.0	ug/L	20.0		102	79-129			
Chlorobenzene	21		1.0	ug/L	20.0		104	79-121			
Toluene	23		1.0	ug/L	20.0		113	77-120			
Trichloroethene	20		1.0	ug/L	20.0		98	78-118			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*61-118*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*88*	*66-114*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C26007 - EPA 5035_MS

LCS (9C26007-BS1) Continued Prepared: 03/26/2009 08:54 Analyzed: 03/27/2009 12:54

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*91*	*63-118*			

Matrix Spike (9C26007-MS1) Prepared: 03/26/2009 08:54 Analyzed: 03/27/2009 13:22

Source: C903595-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.30 U	96	64-133			
Benzene	19		1.0	ug/L	20.0	0.17 U	97	79-129			
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	102	79-121			
Toluene	22		1.0	ug/L	20.0	0.20 U	108	77-120			
Trichloroethene	19		1.0	ug/L	20.0	0.27 U	97	78-118			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*61-118*			
Surrogate: Dibromofluoromethane	*43*			*ug/L*	*50.0*		*85*	*66-114*			
Surrogate: Toluene-d8	*45*			*ug/L*	*50.0*		*90*	*63-118*			

Matrix Spike Dup (9C26007-MSD1) Prepared: 03/26/2009 08:54 Analyzed: 03/27/2009 13:50

Source: C903595-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.30 U	98	64-133	2	23	
Benzene	20		1.0	ug/L	20.0	0.17 U	102	79-129	5	23	
Chlorobenzene	21		1.0	ug/L	20.0	0.17 U	105	79-121	3	25	
Toluene	22		1.0	ug/L	20.0	0.20 U	112	77-120	3	23	
Trichloroethene	20		1.0	ug/L	20.0	0.27 U	99	78-118	3	24	
Surrogate: 4-Bromofluorobenzene	*49*			*ug/L*	*50.0*		*98*	*61-118*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*87*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*95*	*63-118*			

Batch 9C26015 - EPA 5030B_MS

Blank (9C26015-BLK1) Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 10:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.40	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
1,1,2-Trichloroethane	0.37	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
1,1-Dichloroethene	0.24	U	1.0	ug/L							
1,1-Dichloropropene	0.32	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.25	U	1.0	ug/L							
1,2,3-Trichloropropane	0.55	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.36	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.20	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.42	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C26015 - EPA 5030B_MS

Blank (9C26015-BLK1) Continued Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 10:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dichloroethane	0.65	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.25	U	1.0	ug/L							
1,3-Dichlorobenzene	0.30	U	1.0	ug/L							
1,3-Dichloropropane	0.32	U	1.0	ug/L							
1,4-Dichlorobenzene	0.38	U	1.0	ug/L							
2,2-Dichloropropane	0.55	U	1.0	ug/L							
2-Butanone	1.0	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	0.94	U	1.0	ug/L							
2-Chlorotoluene	0.20	U	1.0	ug/L							
2-Hexanone	0.69	U	5.0	ug/L							
4-Chlorotoluene	0.25	U	1.0	ug/L							
4-Isopropyltoluene	0.26	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.5	U	5.0	ug/L							
Benzene	0.20	U	1.0	ug/L							
Bromobenzene	0.28	U	1.0	ug/L							
Bromochloromethane	0.42	U	1.0	ug/L							
Bromodichloromethane	0.37	U	1.0	ug/L							
Bromoform	0.71	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Carbon disulfide	0.54	U	5.0	ug/L							
Carbon tetrachloride	0.38	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
Chloromethane	0.34	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.36	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.28	U	1.0	ug/L							
Dibromochloromethane	0.32	U	1.0	ug/L							
Dibromomethane	0.37	U	1.0	ug/L							
Dichlorodifluoromethane	0.38	U	1.0	ug/L							
Ethanol	26	U	50	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
Hexachlorobutadiene	0.35	U	1.0	ug/L							
Isopropylbenzene	0.24	U	1.0	ug/L							
m,p-Xylenes	0.48	U	2.0	ug/L							
Methylene chloride	0.53	U	2.0	ug/L							
Methyl-tert-Butyl Ether	0.38	U	1.0	ug/L							
Naphthalene	0.39	U	1.0	ug/L							
n-Butyl Benzene	0.20	U	1.0	ug/L							
n-Propyl Benzene	0.30	U	1.0	ug/L							
o-Xylene	0.27	U	1.0	ug/L							
sec-Butylbenzene	0.24	U	1.0	ug/L							
Styrene	0.26	U	1.0	ug/L							
tert-Butylbenzene	0.28	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
Toluene	0.27	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.34	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C26015 - EPA 5030B_MS

Blank (9C26015-BLK1) Continued Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 10:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
trans-1,3-Dichloropropene	0.38	U	1.0	ug/L							
Trichloroethene	0.38	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*88*	*51-122*			
Surrogate: Dibromofluoromethane	*45*			*ug/L*	*50.0*		*90*	*68-117*			
Surrogate: Toluene-d8	*43*			*ug/L*	*50.0*		*86*	*69-110*			

LCS (9C26015-BS1) Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 11:05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0		106	75-133			
Benzene	21		1.0	ug/L	20.0		106	81-134			
Chlorobenzene	18		1.0	ug/L	20.0		90	83-117			
Toluene	19		1.0	ug/L	20.0		94	71-118			
Trichloroethene	18		1.0	ug/L	20.0		90	75-115			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*51-122*			
Surrogate: Dibromofluoromethane	*45*			*ug/L*	*50.0*		*89*	*68-117*			
Surrogate: Toluene-d8	*45*			*ug/L*	*50.0*		*90*	*69-110*			

Matrix Spike (9C26015-MS1) Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 11:35

Source: C903307-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	26		1.0	ug/L	20.0	0.24 U	131	75-133			
Benzene	26		1.0	ug/L	20.0	0.64	125	81-134			
Chlorobenzene	21		1.0	ug/L	20.0	0.27 U	104	83-117			
Toluene	21		1.0	ug/L	20.0	0.27 U	107	71-118			
Trichloroethene	24		1.0	ug/L	20.0	3.1	102	75-115			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*91*	*51-122*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*88*	*68-117*			
Surrogate: Toluene-d8	*43*			*ug/L*	*50.0*		*86*	*69-110*			

Matrix Spike Dup (9C26015-MSD1) Prepared: 03/26/2009 10:03 Analyzed: 03/26/2009 12:05

Source: C903307-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	23		1.0	ug/L	20.0	0.24 U	116	75-133	12	20	
Benzene	24		1.0	ug/L	20.0	0.64	119	81-134	5	17	
Chlorobenzene	19		1.0	ug/L	20.0	0.27 U	96	83-117	8	16	
Toluene	21		1.0	ug/L	20.0	0.27 U	103	71-118	4	17	
Trichloroethene	22		1.0	ug/L	20.0	3.1	95	75-115	6	18	
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*51-122*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*88*	*68-117*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*69-110*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C26015 - EPA 5030B_MS

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9C25037 - EPA 3550B_MS

Blank (9C25037-BLK1) Prepared: 03/25/2009 20:02 Analyzed: 03/27/2009 10:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	0.033	U	0.33	mg/kg wet							
1,2-Dichlorobenzene	0.033	U	0.33	mg/kg wet							
1,3-Dichlorobenzene	0.037	U	0.33	mg/kg wet							
1,4-Dichlorobenzene	0.034	U	0.33	mg/kg wet							
1-Methylnaphthalene	0.033	U	0.33	mg/kg wet							
2,4,5-Trichlorophenol	0.033	U	0.33	mg/kg wet							
2,4,6-Trichlorophenol	0.033	U	0.33	mg/kg wet							
2,4-Dichlorophenol	0.033	U	0.33	mg/kg wet							
2,4-Dimethylphenol	0.033	U	0.33	mg/kg wet							
2,4-Dinitrophenol	0.050	U	0.33	mg/kg wet							
2,4-Dinitrotoluene	0.033	U	0.33	mg/kg wet							
2,6-Dinitrotoluene	0.033	U	0.33	mg/kg wet							
2-Chloronaphthalene	0.033	U	0.33	mg/kg wet							
2-Chlorophenol	0.033	U	0.33	mg/kg wet							
2-Methyl-4,6-dinitrophenol	0.036	U	0.33	mg/kg wet							
2-Methylnaphthalene	0.033	U	0.33	mg/kg wet							
2-Methylphenol	0.035	U	0.33	mg/kg wet							
2-Nitroaniline	0.14	U	0.33	mg/kg wet							
2-Nitrophenol	0.038	U	0.33	mg/kg wet							
3 & 4-Methylphenol	0.033	U	0.66	mg/kg wet							
3,3'-Dichlorobenzidine	0.098	U	0.33	mg/kg wet							
3-Nitroaniline	0.036	U	0.33	mg/kg wet							
4-Bromophenyl-phenylether	0.033	U	0.33	mg/kg wet							
4-Chloro-3-methylphenol	0.033	U	0.33	mg/kg wet							
4-Chloroaniline	0.093	U	0.33	mg/kg wet							
4-Chlorophenyl-phenylether	0.033	U	0.33	mg/kg wet							
4-Nitroaniline	0.050	U	0.33	mg/kg wet							
4-Nitrophenol	0.042	U	0.33	mg/kg wet							
Acenaphthene	0.033	U	0.33	mg/kg wet							
Acenaphthylene	0.033	U	0.33	mg/kg wet							
Anthracene	0.033	U	0.33	mg/kg wet							
Benzidine	0.11	U	0.33	mg/kg wet							
Benzo(a)anthracene	0.033	U	0.33	mg/kg wet							
Benzo(a)pyrene	0.033	U	0.33	mg/kg wet							
Benzo(b)fluoranthene	0.039	U	0.33	mg/kg wet							
Benzo(g,h,i)perylene	0.034	U	0.33	mg/kg wet							
Benzo(k)fluoranthene	0.041	U	0.33	mg/kg wet							
Benzoic acid	0.066	U	1.7	mg/kg wet							
Benzyl alcohol	0.033	U	0.33	mg/kg wet							
Bis(2-chloroethoxy)methane	0.033	U	0.33	mg/kg wet							
Bis(2-chloroethyl)ether	0.034	U	0.33	mg/kg wet							
Bis(2-chloroisopropyl)ether	0.033	U	0.33	mg/kg wet							
Bis(2-ethylhexyl)phthalate	0.20	U	0.33	mg/kg wet							
Butylbenzylphthalate	0.045	U	0.33	mg/kg wet							
Chrysene	0.034	U	0.33	mg/kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9C25037 - EPA 3550B_MS

Blank (9C25037-BLK1) Continued Prepared: 03/25/2009 20:02 Analyzed: 03/27/2009 10:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dibenzo(a,h)anthracene	0.033	U	0.33	mg/kg wet							
Dibenzofuran	0.033	U	0.33	mg/kg wet							
Diethylphthalate	0.033	U	0.33	mg/kg wet							
Dimethylphthalate	0.033	U	0.33	mg/kg wet							
Di-n-butylphthalate	0.039	U	0.33	mg/kg wet							
Di-n-octylphthalate	0.043	U	0.33	mg/kg wet							
Fluoranthene	0.033	U	0.33	mg/kg wet							
Fluorene	0.033	U	0.33	mg/kg wet							
Hexachlorobenzene	0.034	U	0.33	mg/kg wet							
Hexachlorobutadiene	0.034	U	0.33	mg/kg wet							
Hexachlorocyclopentadiene	0.041	U	0.33	mg/kg wet							
Hexachloroethane	0.033	U	0.33	mg/kg wet							
Indeno(1,2,3-cd)pyrene	0.034	U	0.33	mg/kg wet							
Isophorone	0.033	U	0.33	mg/kg wet							
Naphthalene	0.033	U	0.33	mg/kg wet							
Nitrobenzene	0.034	U	0.33	mg/kg wet							
N-Nitrosodimethylamine	0.033	U	0.33	mg/kg wet							
N-Nitroso-di-n-propylamine	0.033	U	0.33	mg/kg wet							
N-Nitrosodiphenylamine/Diphenylamine	0.033	U	0.33	mg/kg wet							
Pentachlorophenol	0.033	U	0.33	mg/kg wet							
Phenanthrene	0.033	U	0.33	mg/kg wet							
Phenol	0.033	U	0.33	mg/kg wet							
Pyrene	0.033	U	0.33	mg/kg wet							
Pyridine	0.082	U	0.33	mg/kg wet							
Surrogate: 2,4,6-Tribromophenol	*2.3*			*mg/kg wet*	*3.33*		*70*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.4*			*mg/kg wet*	*1.67*		*84*	*56-120*			
Surrogate: 2-Fluorophenol	*2.3*			*mg/kg wet*	*3.33*		*70*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.4*			*mg/kg wet*	*1.67*		*81*	*50-117*			
Surrogate: Phenol-d5	*2.5*			*mg/kg wet*	*3.33*		*74*	*56-120*			
Surrogate: Terphenyl-d14	*1.2*			*mg/kg wet*	*1.67*		*75*	*36-151*			

LCS (9C25037-BS1) Prepared: 03/25/2009 20:02 Analyzed: 03/27/2009 11:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.3		0.33	mg/kg wet	1.67		77	51-121			
1,4-Dichlorobenzene	1.3		0.33	mg/kg wet	1.67		76	48-118			
2,4-Dinitrotoluene	1.5		0.33	mg/kg wet	1.67		92	63-127			
2-Chlorophenol	1.5		0.33	mg/kg wet	1.67		90	56-120			
4-Chloro-3-methylphenol	1.6		0.33	mg/kg wet	1.67		97	59-121			
4-Nitrophenol	1.4		0.33	mg/kg wet	1.67		82	0-200			
Acenaphthene	1.4		0.33	mg/kg wet	1.67		81	55-126			
N-Nitroso-di-n-propylamine	1.4		0.33	mg/kg wet	1.67		84	55-135			
Pentachlorophenol	1.1		0.33	mg/kg wet	1.67		69	0-200			
Phenol	1.4		0.33	mg/kg wet	1.67		83	54-121			
Pyrene	1.4		0.33	mg/kg wet	1.67		85	45-146			
Surrogate: 2,4,6-Tribromophenol	*3.4*			*mg/kg wet*	*3.33*		*103*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.4*			*mg/kg wet*	*1.67*		*86*	*56-120*			
Surrogate: 2-Fluorophenol	*2.6*			*mg/kg wet*	*3.33*		*79*	*49-126*			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9C25037 - EPA 3550B_MS

LCS (9C25037-BS1) Continued Prepared: 03/25/2009 20:02 Analyzed: 03/27/2009 11:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Nitrobenzene-d5	*1.5*			*mg/kg wet*	*1.67*		*87*	*50-117*			
Surrogate: Phenol-d5	*2.7*			*mg/kg wet*	*3.33*		*82*	*56-120*			
Surrogate: Terphenyl-d14	*1.4*			*mg/kg wet*	*1.67*		*82*	*36-151*			

Matrix Spike (9C25037-MS1) Prepared: 03/25/2009 20:02 Analyzed: 03/27/2009 12:12

Source: C902859-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.6		0.42	mg/kg dry	2.13	0.042 U	75	51-121			
1,4-Dichlorobenzene	1.6		0.42	mg/kg dry	2.13	0.043 U	74	48-118			
2,4-Dinitrotoluene	2.0		0.42	mg/kg dry	2.13	0.042 U	92	63-127			
2-Chlorophenol	1.9		0.42	mg/kg dry	2.13	0.042 U	88	56-120			
4-Chloro-3-methylphenol	2.1		0.42	mg/kg dry	2.13	0.042 U	96	59-121			
4-Nitrophenol	1.7		0.42	mg/kg dry	2.13	0.054 U	80	0-200			
Acenaphthene	1.7		0.42	mg/kg dry	2.13	0.042 U	82	55-126			
N-Nitroso-di-n-propylamine	1.7		0.42	mg/kg dry	2.13	0.042 U	81	55-135			
Pentachlorophenol	1.4		0.42	mg/kg dry	2.13	0.042 U	68	0-200			
Phenol	1.8		0.42	mg/kg dry	2.13	0.042 U	84	54-121			
Pyrene	1.8		0.42	mg/kg dry	2.13	0.042 U	87	45-146			
Surrogate: 2,4,6-Tribromophenol	*4.0*			*mg/kg dry*	*4.25*		*93*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.9*			*mg/kg dry*	*2.13*		*87*	*56-120*			
Surrogate: 2-Fluorophenol	*3.3*			*mg/kg dry*	*4.25*		*78*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.8*			*mg/kg dry*	*2.13*		*83*	*50-117*			
Surrogate: Phenol-d5	*3.4*			*mg/kg dry*	*4.25*		*80*	*56-120*			
Surrogate: Terphenyl-d14	*1.7*			*mg/kg dry*	*2.13*		*82*	*36-151*			

Matrix Spike Dup (9C25037-MSD1) Prepared: 03/25/2009 20:02 Analyzed: 03/27/2009 12:42

Source: C902859-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.6		0.42	mg/kg dry	2.13	0.042 U	77	51-121	2	10	
1,4-Dichlorobenzene	1.6		0.42	mg/kg dry	2.13	0.043 U	77	48-118	4	13	
2,4-Dinitrotoluene	1.9		0.42	mg/kg dry	2.13	0.042 U	91	63-127	1	10	
2-Chlorophenol	1.9		0.42	mg/kg dry	2.13	0.042 U	90	56-120	2	11	
4-Chloro-3-methylphenol	2.0		0.42	mg/kg dry	2.13	0.042 U	96	59-121	0.2	10	
4-Nitrophenol	1.7		0.42	mg/kg dry	2.13	0.054 U	82	0-200	2	200	
Acenaphthene	1.7		0.42	mg/kg dry	2.13	0.042 U	81	55-126	1	10	
N-Nitroso-di-n-propylamine	1.7		0.42	mg/kg dry	2.13	0.042 U	82	55-135	2	10	
Pentachlorophenol	1.5		0.42	mg/kg dry	2.13	0.042 U	73	0-200	7	200	
Phenol	1.8		0.42	mg/kg dry	2.13	0.042 U	85	54-121	0.7	13	
Pyrene	1.8		0.42	mg/kg dry	2.13	0.042 U	86	45-146	0.4	14	
Surrogate: 2,4,6-Tribromophenol	*4.1*			*mg/kg dry*	*4.25*		*95*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.8*			*mg/kg dry*	*2.13*		*85*	*56-120*			
Surrogate: 2-Fluorophenol	*3.4*			*mg/kg dry*	*4.25*		*79*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.8*			*mg/kg dry*	*2.13*		*85*	*50-117*			
Surrogate: Phenol-d5	*3.4*			*mg/kg dry*	*4.25*		*80*	*56-120*			
Surrogate: Terphenyl-d14	*1.7*			*mg/kg dry*	*2.13*		*82*	*36-151*			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9C25037 - EPA 3550B_MS

Tentatively Identified Compounds by Semivolatile GCMS - Quality Control

Batch 9C25037 - EPA 3550B_MS

Blank (9C25037-BLK1) Prepared: 03/25/2009 20:02 Analyzed: 03/27/2009 10:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
3-Penten-2-ol	**0.41**	**J**		mg/kg wet							
Ethane, 1,1,2,2-tetrachloro-	**0.45**	**J**		mg/kg wet							
Ethane, 1,1,2-trichloro-	**0.17**	**J**		mg/kg wet							
Toluene	**0.17**	**J**		mg/kg wet							
Unknown	**0.14**	**J**		mg/kg wet							
Unknown Concentrati	**0.15**	**J**		mg/kg wet							

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9C25030 - EPA 3050B

Blank (9C25030-BLK1) Prepared: 03/25/2009 15:23 Analyzed: 03/26/2009 14:36

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.26	U	0.50	mg/kg wet							
Arsenic	0.24	U	0.50	mg/kg wet							
Barium	0.084	U	0.500	mg/kg wet							
Beryllium	0.003	U	0.050	mg/kg wet							
Cadmium	0.006	U	0.050	mg/kg wet							
Chromium	0.03	U	0.50	mg/kg wet							
Copper	0.059	U	0.500	mg/kg wet							
Lead	**0.07**	**J**	0.50	mg/kg wet							
Nickel	0.08	U	0.50	mg/kg wet							
Selenium	0.28	U	0.50	mg/kg wet							
Silver	0.05	U	0.50	mg/kg wet							
Thallium	0.16	U	0.50	mg/kg wet							
Zinc	1.70	U	2.50	mg/kg wet							

LCS (9C25030-BS1) Prepared: 03/25/2009 15:23 Analyzed: 03/26/2009 14:38

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	11.8		0.50	mg/kg wet	12.5		94	80-120			
Arsenic	23.7		0.50	mg/kg wet	25.0		95	80-120			
Barium	24.2		0.500	mg/kg wet	25.0		97	80-120			
Beryllium	12.2		0.050	mg/kg wet	12.5		98	80-120			
Cadmium	11.7		0.050	mg/kg wet	12.5		94	80-120			
Chromium	24.2		0.50	mg/kg wet	25.0		97	80-120			
Copper	12.1		0.500	mg/kg wet	12.5		97	80-120			
Lead	24.5	B	0.50	mg/kg wet	25.0		98	80-120			
Nickel	24.6		0.50	mg/kg wet	25.0		98	80-120			
Selenium	23.8		0.50	mg/kg wet	25.0		95	80-120			
Silver	2.38		0.50	mg/kg wet	2.50		95	80-120			
Thallium	11.9		0.50	mg/kg wet	12.5		95	80-120			
Zinc	24.9		2.50	mg/kg wet	25.0		99	80-120			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9C25030 - EPA 3050B

Matrix Spike (9C25030-MS1) Prepared: 03/25/2009 15:23 Analyzed: 03/26/2009 14:50

Source: C903681-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	15.3		0.71	mg/kg dry	17.8	0.37 U	86	75-125			
Arsenic	35.1		0.71	mg/kg dry	35.7	0.34 U	98	75-125			
Barium	89.6		0.713	mg/kg dry	35.7	52.5	104	75-125			
Beryllium	17.9		0.071	mg/kg dry	17.8	0.130	99	75-125			
Cadmium	17.0		0.071	mg/kg dry	17.8	0.009 U	95	75-125			
Chromium	36.4		0.71	mg/kg dry	35.7	1.16	99	75-125			
Copper	21.3		0.713	mg/kg dry	17.8	3.17	102	75-125			
Lead	36.6	B	0.71	mg/kg dry	35.7	0.54	101	75-125			
Nickel	39.4		0.71	mg/kg dry	35.7	3.08	102	75-125			
Selenium	35.8		0.71	mg/kg dry	35.7	0.80	98	75-125			
Silver	3.37		0.71	mg/kg dry	3.57	0.08 U	95	75-125			
Thallium	17.3		0.71	mg/kg dry	17.8	0.23 U	97	75-125			
Zinc	38.6		3.57	mg/kg dry	35.7	2.43 U	108	75-125			

Matrix Spike Dup (9C25030-MSD1) Prepared: 03/25/2009 15:23 Analyzed: 03/26/2009 14:52

Source: C903681-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	15.5		0.71	mg/kg dry	17.8	0.37 U	87	75-125	1	25	
Arsenic	34.9		0.71	mg/kg dry	35.7	0.34 U	98	75-125	0.6	25	
Barium	90.7		0.713	mg/kg dry	35.7	52.5	107	75-125	1	25	
Beryllium	17.8		0.071	mg/kg dry	17.8	0.130	99	75-125	0.5	25	
Cadmium	16.9		0.071	mg/kg dry	17.8	0.009 U	95	75-125	0.4	25	
Chromium	36.1		0.71	mg/kg dry	35.7	1.16	98	75-125	0.9	25	
Copper	20.4		0.713	mg/kg dry	17.8	3.17	97	75-125	4	25	
Lead	36.1	B	0.71	mg/kg dry	35.7	0.54	100	75-125	1	25	
Nickel	38.9		0.71	mg/kg dry	35.7	3.08	101	75-125	1	25	
Selenium	35.5		0.71	mg/kg dry	35.7	0.80	97	75-125	1	25	
Silver	3.35		0.71	mg/kg dry	3.57	0.08 U	94	75-125	0.9	25	
Thallium	16.9		0.71	mg/kg dry	17.8	0.23 U	95	75-125	2	25	
Zinc	37.4		3.57	mg/kg dry	35.7	2.43 U	105	75-125	3	25	

Batch 9C25036 - EPA 7471A

Blank (9C25036-BLK1) Prepared: 03/25/2009 16:38 Analyzed: 03/27/2009 12:03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.005	U	0.01	mg/kg wet							

LCS (9C25036-BS1) Prepared: 03/25/2009 16:38 Analyzed: 03/27/2009 12:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.25		0.01	mg/kg wet	0.250		99	85-115			

Matrix Spike (9C25036-MS1) Prepared: 03/25/2009 16:38 Analyzed: 03/27/2009 12:12

Source: C903681-01

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9C25036 - EPA 7471A

Matrix Spike (9C25036-MS1) Continued Prepared: 03/25/2009 16:38 Analyzed: 03/27/2009 12:12

Source: C903681-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.36		0.01	mg/kg dry	0.357	0.02	96	85-115			

Matrix Spike Dup (9C25036-MSD1) Prepared: 03/25/2009 16:38 Analyzed: 03/27/2009 12:14

Source: C903681-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.36		0.01	mg/kg dry	0.357	0.02	98	85-115	1	15	

Post Spike (9C25036-PS1) Prepared: 03/25/2009 16:38 Analyzed: 03/27/2009 12:17

Source: C903049-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.006		0.0002	mg/L	0.00500	0.00008	109	75-125			

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
QB-01	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result, which minimizes the impact of the deviation.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Page 1 of 1

Client Name: ECS - Wilmington (EA026)	Project Number: [none]
Address: 7211 Ogden Business Park Suite 201	Project Name/Desc: Wrightsville Avenue REC
City/ST/Zip: Wilmington, NC 28411	PO # / Billing Info:
Tel: (910) 686-9114 / Fax:	Reporting Contact: Amy Conchas
Sampler(s) Name, Affiliation (Print): Lee Ann Jones, ECS	Billing Contact: Amy Conchas
Sampler(s) Signature: lee ann jones	Facility # (if required):

Requested Analyses: %Solids; %Solids,8270C,Ag,Cd,Cr,Hg,Pb,Se; 8260B; As,Ba

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: C903049

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	%Solids	%Solids,8270C,Ag,Cd,Cr,Hg,Pb,Se	8260B	As,Ba							Sample Comments
	S-1	3/24/09	10:05	G	SO	4		X	X	X							
	S-2		11:10		SO	4		X	X	X							
	S-3		11:25		SO	4		X	X	X							
	S-4		11:40		SO	4		X	X	X							
	S-5		11:45		SO	4		X	X	X							
	S-6		12:50		SO	4		X	X	X							
	S-7		13:30		SO	4		X	X	X							
	DUPLICATE		11:50		SO	4		X	X	X							
					SO	4		X	X	X							
	Trip Blank				SO	2	X		X								

<-- Total # of Containers

Sample Kit Prepared By: CC	Date/Time: 03/14/09	Relinquished By: lee ann jones	Date/Time: 3/24/09 16:00	Received By:	Date/Time:
Comments:		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Relinquished By:	Date/Time:	Received By: Bisna Yegay	Date/Time: 3/25/09 10:30
		Cooler #'s & Temps on Receipt: C-433 3.4°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 ND-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Thursday, December 3, 2009

ECS - Wilmington (EA026)

Attn: Amy Conchas

7211 Ogden Business Park Suite 201

Wilmington, NC 28411

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Wrightsville Avenue REC
ENCO Workorder: C913275

Dear Amy Conchas,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, November 24, 2009.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 88.

PROJECT NARRATIVE

Date: 03 December 2009
Client: ECS- Wilmington
Project: Wrightsville Avenue REC
Lab ID: C913275

Overview

Environmental Conservation Laboratories, Inc. (ENCO) analyzed all submitted samples in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by ENCO are discussed in the QC Remarks section below.

Quality Control Samples

No Comments

Quality Control Remarks

No Comments

Other Comments

The following ENCO personnel were involved in the analysis and reporting of this project:

8260- Ron Fertile (Organics Manager), Justin Guenzler
8270- David Morse, Belinda Royall, Nkem Ukpabi
Metals- John Halpin (Metals Manager), Valerie Obremski, Nicole Humphries
QA- Rachel Anderson
Project Management- Stephanie Franz
Lab Manager- Rich Detar

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative or in the Flags/Notes and Definitions section of the report.

Released By:
Environmental Conservation Laboratories, Inc.

Stephanie Franz
Project Manager

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: S8-2-3 **Lab ID:** C913275-01 **Sampled:** 11/23/09 13:25 **Received:** 11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:04
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 14:59
EPA 8260B	12/07/09		11/24/09	10:04	11/24/2009 19:33
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 22:22

Client ID: S8-6-7 **Lab ID:** C913275-02 **Sampled:** 11/23/09 13:30 **Received:** 11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:06
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:02
EPA 8260B	12/07/09		11/24/09	10:04	11/24/2009 20:02
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 16:19

Client ID: S9-3-5 **Lab ID:** C913275-03 **Sampled:** 11/23/09 13:35 **Received:** 11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:09
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:11
EPA 8260B	12/07/09		11/24/09	10:04	11/24/2009 20:31
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 18:31

Client ID: S9-5-6 **Lab ID:** C913275-04 **Sampled:** 11/23/09 13:40 **Received:** 11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:11
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:14
EPA 8260B	12/07/09		11/24/09	10:04	11/24/2009 21:00
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 22:55

Client ID: S10-1-2 **Lab ID:** C913275-05 **Sampled:** 11/23/09 14:00 **Received:** 11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:14
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:17
EPA 8260B	12/07/09		11/24/09	10:04	11/24/2009 21:29
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/2/2009 01:07

Client ID: S10-5-6 **Lab ID:** C913275-06 **Sampled:** 11/23/09 14:05 **Received:** 11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:16
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:20
EPA 8260B	12/07/09		11/25/09	10:03	11/25/2009 17:11
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/2/2009 00:01

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Client ID:	S11-0-2	Lab ID:	C913275-07	Sampled:	11/23/09 14:25	Received:	11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:19
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:23
EPA 8260B	12/07/09		11/25/09	10:03	11/25/2009 17:39
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 20:43

Client ID:	S11-6-7	Lab ID:	C913275-08	Sampled:	11/23/09 14:30	Received:	11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:21
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:26
EPA 8260B	12/07/09		11/25/09	10:03	11/25/2009 18:08
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 19:04

Client ID:	S12-2-3	Lab ID:	C913275-09	Sampled:	11/23/09 14:40	Received:	11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:33
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:29
EPA 8260B	12/07/09		11/25/09	10:03	11/25/2009 18:37
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 21:49

Client ID:	S12-6-7	Lab ID:	C913275-10	Sampled:	11/23/09 14:45	Received:	11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:36
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:33
EPA 8260B	12/07/09		11/25/09	10:03	11/25/2009 19:06
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 19:37

Client ID:	S13-3-4	Lab ID:	C913275-11	Sampled:	11/23/09 14:50	Received:	11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:38
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:37
EPA 8260B	12/07/09		11/25/09	10:03	11/25/2009 19:35
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 23:28

Client ID:	S13-6-7	Lab ID:	C913275-12	Sampled:	11/23/09 14:55	Received:	11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:41
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:41
EPA 8260B	12/07/09		11/25/09	10:03	11/25/2009 20:04
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 20:10

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Client ID:	Dup	Lab ID:	C913275-13	Sampled:	11/23/09 00:00	Received:	11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		12/01/09	09:36	12/2/2009 12:43
EPA 7471B	12/21/09		12/02/09	11:00	12/2/2009 15:50
EPA 8260B	12/07/09		11/25/09	10:03	11/25/2009 20:33
EPA 8270D	12/07/09	01/04/10	11/25/09	18:51	12/1/2009 21:16

Client ID:	Trip Blank	Lab ID:	C913275-14	Sampled:	11/23/09 13:25	Received:	11/24/09 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	12/07/09	11/24/09	12:00	11/24/2009 14:17

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SAMPLE DETECTION SUMMARY

Client ID: S8-2-3 **Lab ID:** C913275-01

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acenaphthylene	0.041	J	0.029	0.38	mg/kg dry	EPA 8270D	
Antimony - Total	0.537	J	0.126	1.15	mg/kg dry	EPA 6010C	
Arsenic - Total	12.2		0.115	0.575	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.17	J	0.029	0.38	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.21	J	0.031	0.38	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.34	J	0.031	0.38	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.15	J	0.045	0.38	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.11	J	0.031	0.38	mg/kg dry	EPA 8270D	
Beryllium - Total	0.196		0.0138	0.0575	mg/kg dry	EPA 6010C	
Cadmium - Total	0.157		0.0110	0.0575	mg/kg dry	EPA 6010C	
Chromium - Total	5.09		0.115	0.575	mg/kg dry	EPA 6010C	
Chrysene	0.19	J	0.029	0.38	mg/kg dry	EPA 8270D	
Copper - Total	10.8		0.218	0.575	mg/kg dry	EPA 6010C	
Fluoranthene	0.26	J	0.049	0.38	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.12	J	0.044	0.38	mg/kg dry	EPA 8270D	
Lead - Total	42.7		0.138	0.575	mg/kg dry	EPA 6010C	
Mercury - Total	0.0352		0.00609	0.0115	mg/kg dry	EPA 7471B	
Nickel - Total	3.32		0.414	2.87	mg/kg dry	EPA 6010C	
Phenanthrene	0.081	J	0.030	0.38	mg/kg dry	EPA 8270D	
Pyrene	0.26	J	0.055	0.38	mg/kg dry	EPA 8270D	
Selenium - Total	0.325	JB	0.115	0.575	mg/kg dry	EPA 6010C	J-01
Zinc - Total	67.3		1.26	2.87	mg/kg dry	EPA 6010C	

Client ID: S8-6-7 **Lab ID:** C913275-02

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	3.02		0.115	0.576	mg/kg dry	EPA 6010C	
Beryllium - Total	0.0325	J	0.0138	0.0576	mg/kg dry	EPA 6010C	
Chromium - Total	7.01		0.115	0.576	mg/kg dry	EPA 6010C	
Copper - Total	1.12		0.219	0.576	mg/kg dry	EPA 6010C	
Lead - Total	3.30		0.138	0.576	mg/kg dry	EPA 6010C	
Mercury - Total	0.0145		0.00611	0.0115	mg/kg dry	EPA 7471B	
Nickel - Total	0.539	J	0.415	2.88	mg/kg dry	EPA 6010C	
Thallium - Total	0.200	JB	0.115	0.576	mg/kg dry	EPA 6010C	J-01
Zinc - Total	4.38		1.27	2.88	mg/kg dry	EPA 6010C	

Client ID: S9-3-5 **Lab ID:** C913275-03

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.279	J	0.121	1.10	mg/kg dry	EPA 6010C	
Arsenic - Total	1.18		0.110	0.549	mg/kg dry	EPA 6010C	
Chromium - Total	1.95		0.110	0.549	mg/kg dry	EPA 6010C	
Copper - Total	0.591		0.209	0.549	mg/kg dry	EPA 6010C	
Lead - Total	1.69		0.132	0.549	mg/kg dry	EPA 6010C	
Mercury - Total	0.0141		0.00582	0.0110	mg/kg dry	EPA 7471B	
Nickel - Total	0.813	J	0.395	2.75	mg/kg dry	EPA 6010C	
Selenium - Total	0.300	JB	0.110	0.549	mg/kg dry	EPA 6010C	J-01
Thallium - Total	0.166	JB	0.110	0.549	mg/kg dry	EPA 6010C	J-01
Zinc - Total	3.11		1.21	2.75	mg/kg dry	EPA 6010C	

Client ID: S9-5-6 **Lab ID:** C913275-04

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.533	J	0.124	1.12	mg/kg dry	EPA 6010C	
Arsenic - Total	1.87		0.112	0.562	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.091	J	0.028	0.37	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.093	J	0.030	0.37	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.12	J	0.030	0.37	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.053	J	0.044	0.37	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.050	J	0.030	0.37	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0361	J	0.0135	0.0562	mg/kg dry	EPA 6010C	
Cadmium - Total	0.0206	J	0.0108	0.0562	mg/kg dry	EPA 6010C	
Chromium - Total	7.62		0.112	0.562	mg/kg dry	EPA 6010C	
Chrysene	0.092	J	0.028	0.37	mg/kg dry	EPA 8270D	
Copper - Total	2.72		0.214	0.562	mg/kg dry	EPA 6010C	
Fluoranthene	0.17	J	0.048	0.37	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.052	J	0.043	0.37	mg/kg dry	EPA 8270D	
Lead - Total	15.6		0.135	0.562	mg/kg dry	EPA 6010C	
Mercury - Total	0.0252		0.00596	0.0112	mg/kg dry	EPA 7471B	
Nickel - Total	1.38	J	0.405	2.81	mg/kg dry	EPA 6010C	
Phenanthrene	0.052	J	0.029	0.37	mg/kg dry	EPA 8270D	
Pyrene	0.16	J	0.054	0.37	mg/kg dry	EPA 8270D	
Thallium - Total	0.113	JB	0.112	0.562	mg/kg dry	EPA 6010C	J-01
Zinc - Total	20.1		1.24	2.81	mg/kg dry	EPA 6010C	

Client ID: S10-1-2 **Lab ID:** C913275-05

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.016		0.0013	0.0054	mg/kg dry	EPA 8260B	
Antimony - Total	0.622	J	0.119	1.08	mg/kg dry	EPA 6010C	
Arsenic - Total	0.864		0.108	0.541	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	17	D	0.27	3.6	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	19	D	0.29	3.6	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	26	D	0.29	3.6	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	12	D	0.42	3.6	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	9.1	D	0.29	3.6	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0413	J	0.0130	0.0541	mg/kg dry	EPA 6010C	
Cadmium - Total	0.104		0.0104	0.0541	mg/kg dry	EPA 6010C	
Chromium - Total	4.32		0.108	0.541	mg/kg dry	EPA 6010C	
Chrysene	15	D	0.27	3.6	mg/kg dry	EPA 8270D	
Copper - Total	8.29		0.205	0.541	mg/kg dry	EPA 6010C	
Dibenzo(a,h)anthracene	2.9	JD	0.44	3.6	mg/kg dry	EPA 8270D	
Fluoranthene	30	D	0.46	3.6	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	10	D	0.41	3.6	mg/kg dry	EPA 8270D	
Lead - Total	76.4		0.130	0.541	mg/kg dry	EPA 6010C	
Mercury - Total	0.163		0.00573	0.0108	mg/kg dry	EPA 7471B	
Nickel - Total	2.00	J	0.389	2.70	mg/kg dry	EPA 6010C	
Phenanthrene	1.0	JD	0.28	3.6	mg/kg dry	EPA 8270D	
Pyrene	31	D	0.52	3.6	mg/kg dry	EPA 8270D	
Silver - Total	0.167	J	0.108	0.541	mg/kg dry	EPA 6010C	
Zinc - Total	65.2		1.19	2.70	mg/kg dry	EPA 6010C	

Client ID: S10-5-6 **Lab ID:** C913275-06

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.0069		0.00099	0.0041	mg/kg dry	EPA 8260B	

Client ID: S10-5-6 **Lab ID:** C913275-06

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.601	J	0.124	1.13	mg/kg dry	EPA 6010C	
Arsenic - Total	0.799		0.113	0.563	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.68		0.028	0.37	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.75		0.030	0.37	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	1.0		0.030	0.37	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.48		0.044	0.37	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.35	J	0.030	0.37	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0412	J	0.0135	0.0563	mg/kg dry	EPA 6010C	
Cadmium - Total	0.0126	J	0.0108	0.0563	mg/kg dry	EPA 6010C	
Chromium - Total	8.21		0.113	0.563	mg/kg dry	EPA 6010C	
Chrysene	0.57		0.028	0.37	mg/kg dry	EPA 8270D	
Copper - Total	3.66		0.214	0.563	mg/kg dry	EPA 6010C	
Dibenzo(a,h)anthracene	0.10	J	0.046	0.37	mg/kg dry	EPA 8270D	
Fluoranthene	1.2		0.048	0.37	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.42		0.043	0.37	mg/kg dry	EPA 8270D	
Lead - Total	19.4		0.135	0.563	mg/kg dry	EPA 6010C	
Mercury - Total	0.0334		0.00597	0.0113	mg/kg dry	EPA 7471B	
Nickel - Total	2.29	J	0.405	2.82	mg/kg dry	EPA 6010C	
Phenanthrene	0.044	J	0.029	0.37	mg/kg dry	EPA 8270D	
Pyrene	1.1		0.054	0.37	mg/kg dry	EPA 8270D	
Silver - Total	0.188	J	0.113	0.563	mg/kg dry	EPA 6010C	
Zinc - Total	21.0		1.24	2.82	mg/kg dry	EPA 6010C	

Client ID: S11-0-2 **Lab ID:** C913275-07

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.271	J	0.122	1.11	mg/kg dry	EPA 6010C	
Arsenic - Total	1.61		0.111	0.553	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.098	J	0.028	0.37	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.080	J	0.030	0.37	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.12	J	0.030	0.37	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.049	J	0.043	0.37	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.053	J	0.030	0.37	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0483	J	0.0133	0.0553	mg/kg dry	EPA 6010C	
Chromium - Total	5.89		0.111	0.553	mg/kg dry	EPA 6010C	
Chrysene	0.10	J	0.028	0.37	mg/kg dry	EPA 8270D	
Copper - Total	2.26		0.210	0.553	mg/kg dry	EPA 6010C	
Fluoranthene	0.25	J	0.048	0.37	mg/kg dry	EPA 8270D	
Lead - Total	23.4		0.133	0.553	mg/kg dry	EPA 6010C	
Mercury - Total	0.00955	J	0.00586	0.0111	mg/kg dry	EPA 7471B	
Nickel - Total	0.751	J	0.398	2.77	mg/kg dry	EPA 6010C	
Phenanthrene	0.12	J	0.029	0.37	mg/kg dry	EPA 8270D	
Pyrene	0.22	J	0.053	0.37	mg/kg dry	EPA 8270D	
Thallium - Total	0.128	JB	0.111	0.553	mg/kg dry	EPA 6010C	J-01
Zinc - Total	51.8		1.22	2.77	mg/kg dry	EPA 6010C	

Client ID: S11-6-7 **Lab ID:** C913275-08

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.0059		0.0011	0.0044	mg/kg dry	EPA 8260B	
Arsenic - Total	0.435	J	0.113	0.563	mg/kg dry	EPA 6010C	
Cadmium - Total	0.0532	J	0.0108	0.0563	mg/kg dry	EPA 6010C	
Chromium - Total	1.48		0.113	0.563	mg/kg dry	EPA 6010C	

Client ID: S11-6-7 **Lab ID:** C913275-08

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Lead - Total	1.34		0.135	0.563	mg/kg dry	EPA 6010C	
Thallium - Total	0.177	JB	0.113	0.563	mg/kg dry	EPA 6010C	J-01
Zinc - Total	2.34	J	1.24	2.81	mg/kg dry	EPA 6010C	

Client ID: S12-2-3 **Lab ID:** C913275-09

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.475	J	0.125	1.14	mg/kg dry	EPA 6010C	
Arsenic - Total	3.12		0.114	0.570	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.17	J	0.028	0.38	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.21	J	0.031	0.38	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.35	J	0.031	0.38	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.14	J	0.044	0.38	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.11	J	0.031	0.38	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0884		0.0137	0.0570	mg/kg dry	EPA 6010C	
Cadmium - Total	0.192		0.0109	0.0570	mg/kg dry	EPA 6010C	
Chromium - Total	4.34		0.114	0.570	mg/kg dry	EPA 6010C	
Chrysene	0.21	J	0.028	0.38	mg/kg dry	EPA 8270D	
Copper - Total	13.3		0.217	0.570	mg/kg dry	EPA 6010C	
Fluoranthene	0.37	J	0.049	0.38	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.13	J	0.043	0.38	mg/kg dry	EPA 8270D	
Lead - Total	53.8		0.137	0.570	mg/kg dry	EPA 6010C	
Mercury - Total	0.0151		0.00604	0.0114	mg/kg dry	EPA 7471B	
Nickel - Total	1.63	J	0.410	2.85	mg/kg dry	EPA 6010C	
Phenanthrene	0.11	J	0.030	0.38	mg/kg dry	EPA 8270D	
Pyrene	0.32	J	0.055	0.38	mg/kg dry	EPA 8270D	
Thallium - Total	0.265	JB	0.114	0.570	mg/kg dry	EPA 6010C	J-01
Zinc - Total	114		1.25	2.85	mg/kg dry	EPA 6010C	

Client ID: S12-6-7 **Lab ID:** C913275-10

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.141	J	0.125	1.14	mg/kg dry	EPA 6010C	
Arsenic - Total	0.619		0.114	0.568	mg/kg dry	EPA 6010C	
Chromium - Total	3.37		0.114	0.568	mg/kg dry	EPA 6010C	
Copper - Total	0.311	J	0.216	0.568	mg/kg dry	EPA 6010C	
Lead - Total	3.03		0.136	0.568	mg/kg dry	EPA 6010C	
Nickel - Total	0.574	J	0.409	2.84	mg/kg dry	EPA 6010C	
Zinc - Total	4.68		1.25	2.84	mg/kg dry	EPA 6010C	

Client ID: S13-3-4 **Lab ID:** C913275-11

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.290	J	0.123	1.12	mg/kg dry	EPA 6010C	
Arsenic - Total	1.17		0.112	0.560	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.25	J	0.028	0.37	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.32	J	0.030	0.37	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.50		0.030	0.37	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.16	J	0.044	0.37	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.17	J	0.030	0.37	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0433	J	0.0135	0.0560	mg/kg dry	EPA 6010C	
Cadmium - Total	0.0948		0.0108	0.0560	mg/kg dry	EPA 6010C	
Chromium - Total	2.61		0.112	0.560	mg/kg dry	EPA 6010C	
Chrysene	0.31	J	0.028	0.37	mg/kg dry	EPA 8270D	

Client ID: S13-3-4 **Lab ID:** C913275-11

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Copper - Total	3.11		0.213	0.560	mg/kg dry	EPA 6010C	
Fluoranthene	0.51		0.048	0.37	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.15	J	0.043	0.37	mg/kg dry	EPA 8270D	
Lead - Total	28.6		0.135	0.560	mg/kg dry	EPA 6010C	
Mercury - Total	0.0156		0.00594	0.0112	mg/kg dry	EPA 7471B	
Nickel - Total	0.968	J	0.404	2.80	mg/kg dry	EPA 6010C	
Phenanthrene	0.16	J	0.029	0.37	mg/kg dry	EPA 8270D	
Pyrene	0.41		0.054	0.37	mg/kg dry	EPA 8270D	
Thallium - Total	0.306	JB	0.112	0.560	mg/kg dry	EPA 6010C	J-01
Zinc - Total	32.0		1.23	2.80	mg/kg dry	EPA 6010C	

Client ID: S13-6-7 **Lab ID:** C913275-12

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.218	J	0.127	1.15	mg/kg dry	EPA 6010C	
Arsenic - Total	1.32		0.115	0.577	mg/kg dry	EPA 6010C	
Beryllium - Total	0.0184	J	0.0138	0.0577	mg/kg dry	EPA 6010C	
Chromium - Total	5.57		0.115	0.577	mg/kg dry	EPA 6010C	
Copper - Total	0.785		0.219	0.577	mg/kg dry	EPA 6010C	
Lead - Total	3.09		0.138	0.577	mg/kg dry	EPA 6010C	
Nickel - Total	0.928	J	0.415	2.88	mg/kg dry	EPA 6010C	
Selenium - Total	0.135	JB	0.115	0.577	mg/kg dry	EPA 6010C	J-01
Zinc - Total	1.97	J	1.27	2.88	mg/kg dry	EPA 6010C	

Client ID: Dup **Lab ID:** C913275-13

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.164	J	0.120	1.09	mg/kg dry	EPA 6010C	
Arsenic - Total	0.873		0.109	0.546	mg/kg dry	EPA 6010C	
Chromium - Total	1.99		0.109	0.546	mg/kg dry	EPA 6010C	
Copper - Total	0.543	J	0.208	0.546	mg/kg dry	EPA 6010C	
Lead - Total	1.84		0.131	0.546	mg/kg dry	EPA 6010C	
Mercury - Total	0.0143		0.00579	0.0109	mg/kg dry	EPA 7471B	
Nickel - Total	0.883	J	0.393	2.73	mg/kg dry	EPA 6010C	
Selenium - Total	0.208	JB	0.109	0.546	mg/kg dry	EPA 6010C	J-01
Thallium - Total	0.193	JB	0.109	0.546	mg/kg dry	EPA 6010C	J-01
Zinc - Total	2.69	J	1.20	2.73	mg/kg dry	EPA 6010C	

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ANALYTICAL RESULTS

Description: S8-2-3
Matrix: Soil
Project: Wrightsville Avenue REC

Lab Sample ID: C913275-01
Sampled: 11/23/09 13:25
Sampled By: Amy Conchas

Received: 11/24/09 10:00
Work Order: C913275
% Solids: 87.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00037	U	mg/kg dry	1	0.00037	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00091	U	mg/kg dry	1	0.00091	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00053	U	mg/kg dry	1	0.00053	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
2-Butanone [78-93-3] ^	0.00090	U	mg/kg dry	1	0.00090	0.0057	9K24015	EPA 8260B	11/24/09 19:33	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0057	9K24015	EPA 8260B	11/24/09 19:33	JKG	
2-Chlorotoluene [95-49-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
2-Hexanone [591-78-6] ^	0.00086	U	mg/kg dry	1	0.00086	0.0057	9K24015	EPA 8260B	11/24/09 19:33	JKG	
4-Chlorotoluene [106-43-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00066	U	mg/kg dry	1	0.00066	0.0057	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Acetone [67-64-1] ^	0.0014	U	mg/kg dry	1	0.0014	0.0057	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Benzene [71-43-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Bromobenzene [108-86-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Bromochloromethane [74-97-5] ^	0.00047	U	mg/kg dry	1	0.00047	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Bromodichloromethane [75-27-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Bromoform [75-25-2] ^	0.00052	U	mg/kg dry	1	0.00052	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Bromomethane [74-83-9] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Carbon disulfide [75-15-0] ^	0.00045	U	mg/kg dry	1	0.00045	0.0057	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Chlorobenzene [108-90-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Chloroethane [75-00-3] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Chloroform [67-66-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Chloromethane [74-87-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Dibromochloromethane [124-48-1] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Dibromomethane [74-95-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Ethylbenzene [100-41-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	

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Description:	S8-2-3	**Lab Sample ID:**	C913275-01	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:25	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	87.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Isopropylbenzene [98-82-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00043	U	mg/kg dry	1	0.00043	0.0023	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Methylene Chloride [75-09-2] ^	0.00064	U	mg/kg dry	1	0.00064	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Naphthalene [91-20-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
n-Butyl Benzene [104-51-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
n-Propyl Benzene [103-65-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
o-Xylene [95-47-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
sec-Butylbenzene [135-98-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Styrene [100-42-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
tert-Butylbenzene [98-06-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Tetrachloroethene [127-18-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Toluene [108-88-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00045	U	mg/kg dry	1	0.00045	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Trichloroethene [79-01-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Vinyl chloride [75-01-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	
Xylenes (Total) [1330-20-7] ^	0.00064	U	mg/kg dry	1	0.00064	0.0011	9K24015	EPA 8260B	11/24/09 19:33	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*61-118*	*9K24015*	*EPA 8260B*	*11/24/09 19:33*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*66-114*	*9K24015*	*EPA 8260B*	*11/24/09 19:33*	*JKG*	
Toluene-d8	*45*	*1*	*50.0*	*90 %*	*63-118*	*9K24015*	*EPA 8260B*	*11/24/09 19:33*	*JKG*	

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Description:	S8-2-3	**Lab Sample ID:**	C913275-01	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:25	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	87.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.040	U	mg/kg dry	1	0.040	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
2-Methylnaphthalene [91-57-6] ^	0.043	U	mg/kg dry	1	0.043	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Acenaphthene [83-32-9] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Acenaphthylene [208-96-8] ^	**0.041**	J	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Anthracene [120-12-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.17**	J	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.21**	J	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.34**	J	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.15**	J	mg/kg dry	1	0.045	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.11**	J	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Chrysene [218-01-9] ^	**0.19**	J	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.047	U	mg/kg dry	1	0.047	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Fluoranthene [206-44-0] ^	**0.26**	J	mg/kg dry	1	0.049	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Fluorene [86-73-7] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.12**	J	mg/kg dry	1	0.044	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Naphthalene [91-20-3] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Phenanthrene [85-01-8] ^	**0.081**	J	mg/kg dry	1	0.030	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	
Pyrene [129-00-0] ^	**0.26**	J	mg/kg dry	1	0.055	0.38	9K25016	EPA 8270D	12/01/09 22:22	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.8*	*1*	*1.92*	*96 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 22:22*	*DFM*	
Nitrobenzene-d5	*1.5*	*1*	*1.92*	*78 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 22:22*	*DFM*	
Terphenyl-d14	*2.0*	*1*	*1.92*	*103 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 22:22*	*DFM*	

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Description:	S8-2-3	**Lab Sample ID:**	C913275-01	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:25	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	87.0

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.537**	J	mg/kg dry	1	0.126	1.15	9L01012	EPA 6010C	12/02/09 12:04	JDH	
Arsenic [7440-38-2] ^	**12.2**		mg/kg dry	1	0.115	0.575	9L01012	EPA 6010C	12/02/09 12:04	JDH	
Beryllium [7440-41-7] ^	**0.196**		mg/kg dry	1	0.0138	0.0575	9L01012	EPA 6010C	12/02/09 12:04	JDH	
Cadmium [7440-43-9] ^	**0.157**		mg/kg dry	1	0.0110	0.0575	9L01012	EPA 6010C	12/02/09 12:04	JDH	
Chromium [7440-47-3] ^	**5.09**		mg/kg dry	1	0.115	0.575	9L01012	EPA 6010C	12/02/09 12:04	JDH	
Copper [7440-50-8] ^	**10.8**		mg/kg dry	1	0.218	0.575	9L01012	EPA 6010C	12/02/09 12:04	JDH	
Lead [7439-92-1] ^	**42.7**		mg/kg dry	1	0.138	0.575	9L01012	EPA 6010C	12/02/09 12:04	JDH	
Mercury [7439-97-6] ^	**0.0352**		mg/kg dry	1	0.00609	0.0115	9L01027	EPA 7471B	12/02/09 14:59	NLH	
Nickel [7440-02-0] ^	**3.32**		mg/kg dry	1	0.414	2.87	9L01012	EPA 6010C	12/02/09 12:04	JDH	
Selenium [7782-49-2] ^	**0.325**	JB	mg/kg dry	1	0.115	0.575	9L01012	EPA 6010C	12/02/09 12:04	JDH	J-01
Silver [7440-22-4] ^	0.115	U	mg/kg dry	1	0.115	0.575	9L01012	EPA 6010C	12/02/09 12:04	JDH	
Thallium [7440-28-0] ^	0.115	U	mg/kg dry	1	0.115	0.575	9L01012	EPA 6010C	12/02/09 12:04	JDH	
Zinc [7440-66-6] ^	**67.3**		mg/kg dry	1	1.26	2.87	9L01012	EPA 6010C	12/02/09 12:04	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S8-6-7	**Lab Sample ID:**	C913275-02	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:30	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	86.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00059	U	mg/kg dry	1	0.00059	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00028	U	mg/kg dry	1	0.00028	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00022	U	mg/kg dry	1	0.00022	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
2-Butanone [78-93-3] ^	0.00058	U	mg/kg dry	1	0.00058	0.0037	9K24015	EPA 8260B	11/24/09 20:02	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0037	9K24015	EPA 8260B	11/24/09 20:02	JKG	
2-Chlorotoluene [95-49-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
2-Hexanone [591-78-6] ^	0.00056	U	mg/kg dry	1	0.00056	0.0037	9K24015	EPA 8260B	11/24/09 20:02	JKG	
4-Chlorotoluene [106-43-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00042	U	mg/kg dry	1	0.00042	0.0037	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Acetone [67-64-1] ^	0.00089	U	mg/kg dry	1	0.00089	0.0037	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Benzene [71-43-2] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Bromobenzene [108-86-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Bromochloromethane [74-97-5] ^	0.00030	U	mg/kg dry	1	0.00030	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Bromodichloromethane [75-27-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Bromoform [75-25-2] ^	0.00033	U	mg/kg dry	1	0.00033	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Bromomethane [74-83-9] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Carbon disulfide [75-15-0] ^	0.00029	U	mg/kg dry	1	0.00029	0.0037	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Chlorobenzene [108-90-7] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Chloroethane [75-00-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Chloroform [67-66-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Chloromethane [74-87-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00010	U	mg/kg dry	1	0.00010	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Dibromochloromethane [124-48-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Dibromomethane [74-95-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00033	U	mg/kg dry	1	0.00033	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Ethylbenzene [100-41-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Isopropylbenzene [98-82-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0015	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Methylene Chloride [75-09-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	

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Description:	S8-6-7	**Lab Sample ID:**	C913275-02	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:30	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	86.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Naphthalene [91-20-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
n-Butyl Benzene [104-51-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
n-Propyl Benzene [103-65-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
o-Xylene [95-47-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
sec-Butylbenzene [135-98-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Styrene [100-42-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
tert-Butylbenzene [98-06-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Tetrachloroethene [127-18-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Toluene [108-88-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00028	U	mg/kg dry	1	0.00028	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00029	U	mg/kg dry	1	0.00029	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Trichloroethene [79-01-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Vinyl chloride [75-01-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	
Xylenes (Total) [1330-20-7] ^	0.00042	U	mg/kg dry	1	0.00042	0.00074	9K24015	EPA 8260B	11/24/09 20:02	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*61-118*	*9K24015*	*EPA 8260B*	*11/24/09 20:02*	*JKG*	
Dibromofluoromethane	*53*	*1*	*50.0*	*106 %*	*66-114*	*9K24015*	*EPA 8260B*	*11/24/09 20:02*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*63-118*	*9K24015*	*EPA 8260B*	*11/24/09 20:02*	*JKG*	

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Description:	S8-6-7	**Lab Sample ID:**	C913275-02	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:30	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	86.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.040	U	mg/kg dry	1	0.040	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
2-Methylnaphthalene [91-57-6] ^	0.043	U	mg/kg dry	1	0.043	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Acenaphthene [83-32-9] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Acenaphthylene [208-96-8] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Anthracene [120-12-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Benzo(a)anthracene [56-55-3] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Benzo(a)pyrene [50-32-8] ^	0.031	U	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.031	U	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.045	U	mg/kg dry	1	0.045	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.031	U	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Chrysene [218-01-9] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.047	U	mg/kg dry	1	0.047	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Fluoranthene [206-44-0] ^	0.050	U	mg/kg dry	1	0.050	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Fluorene [86-73-7] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.044	U	mg/kg dry	1	0.044	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Naphthalene [91-20-3] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Phenanthrene [85-01-8] ^	0.030	U	mg/kg dry	1	0.030	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	
Pyrene [129-00-0] ^	0.055	U	mg/kg dry	1	0.055	0.38	9K25016	EPA 8270D	12/01/09 16:19	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.8*	*1*	*1.92*	*94 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 16:19*	*DFM*	
Nitrobenzene-d5	*1.7*	*1*	*1.92*	*88 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 16:19*	*DFM*	
Terphenyl-d14	*2.3*	*1*	*1.92*	*117 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 16:19*	*DFM*	

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Description:	S8-6-7	**Lab Sample ID:**	C913275-02	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:30	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	86.8

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.127	U	mg/kg dry	1	0.127	1.15	9L01012	EPA 6010C	12/02/09 12:06	JDH	
Arsenic [7440-38-2] ^	**3.02**		mg/kg dry	1	0.115	0.576	9L01012	EPA 6010C	12/02/09 12:06	JDH	
Beryllium [7440-41-7] ^	**0.0325**	J	mg/kg dry	1	0.0138	0.0576	9L01012	EPA 6010C	12/02/09 12:06	JDH	
Cadmium [7440-43-9] ^	0.0111	U	mg/kg dry	1	0.0111	0.0576	9L01012	EPA 6010C	12/02/09 12:06	JDH	
Chromium [7440-47-3] ^	**7.01**		mg/kg dry	1	0.115	0.576	9L01012	EPA 6010C	12/02/09 12:06	JDH	
Copper [7440-50-8] ^	**1.12**		mg/kg dry	1	0.219	0.576	9L01012	EPA 6010C	12/02/09 12:06	JDH	
Lead [7439-92-1] ^	**3.30**		mg/kg dry	1	0.138	0.576	9L01012	EPA 6010C	12/02/09 12:06	JDH	
Mercury [7439-97-6] ^	**0.0145**		mg/kg dry	1	0.00611	0.0115	9L01027	EPA 7471B	12/02/09 15:02	NLH	
Nickel [7440-02-0] ^	**0.539**	J	mg/kg dry	1	0.415	2.88	9L01012	EPA 6010C	12/02/09 12:06	JDH	
Selenium [7782-49-2] ^	0.115	U	mg/kg dry	1	0.115	0.576	9L01012	EPA 6010C	12/02/09 12:06	JDH	
Silver [7440-22-4] ^	0.115	U	mg/kg dry	1	0.115	0.576	9L01012	EPA 6010C	12/02/09 12:06	JDH	
Thallium [7440-28-0] ^	**0.200**	JB	mg/kg dry	1	0.115	0.576	9L01012	EPA 6010C	12/02/09 12:06	JDH	J-01
Zinc [7440-66-6] ^	**4.38**		mg/kg dry	1	1.27	2.88	9L01012	EPA 6010C	12/02/09 12:06	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S9-3-5	**Lab Sample ID:**	C913275-03	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:35	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00075	U	mg/kg dry	1	0.00075	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00043	U	mg/kg dry	1	0.00043	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00036	U	mg/kg dry	1	0.00036	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00027	U	mg/kg dry	1	0.00027	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
2-Butanone [78-93-3] ^	0.00074	U	mg/kg dry	1	0.00074	0.0047	9K24015	EPA 8260B	11/24/09 20:31	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0047	9K24015	EPA 8260B	11/24/09 20:31	JKG	
2-Chlorotoluene [95-49-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
2-Hexanone [591-78-6] ^	0.00071	U	mg/kg dry	1	0.00071	0.0047	9K24015	EPA 8260B	11/24/09 20:31	JKG	
4-Chlorotoluene [106-43-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00054	U	mg/kg dry	1	0.00054	0.0047	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Acetone [67-64-1] ^	0.0011	U	mg/kg dry	1	0.0011	0.0047	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Benzene [71-43-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Bromobenzene [108-86-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Bromochloromethane [74-97-5] ^	0.00039	U	mg/kg dry	1	0.00039	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Bromodichloromethane [75-27-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Bromoform [75-25-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Bromomethane [74-83-9] ^	0.00022	U	mg/kg dry	1	0.00022	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Carbon disulfide [75-15-0] ^	0.00037	U	mg/kg dry	1	0.00037	0.0047	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Chlorobenzene [108-90-7] ^	0.00016	U	mg/kg dry	1	0.00016	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Chloroethane [75-00-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Chloroform [67-66-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Chloromethane [74-87-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00022	U	mg/kg dry	1	0.00022	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Dibromochloromethane [124-48-1] ^	0.00033	U	mg/kg dry	1	0.00033	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Dibromomethane [74-95-3] ^	0.00029	U	mg/kg dry	1	0.00029	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00043	U	mg/kg dry	1	0.00043	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Ethylbenzene [100-41-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00033	U	mg/kg dry	1	0.00033	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Isopropylbenzene [98-82-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0019	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Methylene Chloride [75-09-2] ^	0.00053	U	mg/kg dry	1	0.00053	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	

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Description:	S9-3-5	**Lab Sample ID:**	C913275-03	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:35	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Naphthalene [91-20-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
n-Butyl Benzene [104-51-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
n-Propyl Benzene [103-65-1] ^	0.00017	U	mg/kg dry	1	0.00017	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
o-Xylene [95-47-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
sec-Butylbenzene [135-98-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Styrene [100-42-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
tert-Butylbenzene [98-06-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Tetrachloroethene [127-18-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Toluene [108-88-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00037	U	mg/kg dry	1	0.00037	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Trichloroethene [79-01-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Vinyl chloride [75-01-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	
Xylenes (Total) [1330-20-7] ^	0.00053	U	mg/kg dry	1	0.00053	0.00095	9K24015	EPA 8260B	11/24/09 20:31	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*89 %*	*61-118*	*9K24015*	*EPA 8260B*	*11/24/09 20:31*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*66-114*	*9K24015*	*EPA 8260B*	*11/24/09 20:31*	*JKG*	
Toluene-d8	*45*	*1*	*50.0*	*91 %*	*63-118*	*9K24015*	*EPA 8260B*	*11/24/09 20:31*	*JKG*	

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Description:	S9-3-5	**Lab Sample ID:**	C913275-03	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:35	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.038	U	mg/kg dry	1	0.038	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
2-Methylnaphthalene [91-57-6] ^	0.041	U	mg/kg dry	1	0.041	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Acenaphthene [83-32-9] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Acenaphthylene [208-96-8] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Anthracene [120-12-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Benzo(a)anthracene [56-55-3] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Benzo(a)pyrene [50-32-8] ^	0.030	U	mg/kg dry	1	0.030	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.030	U	mg/kg dry	1	0.030	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.043	U	mg/kg dry	1	0.043	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.030	U	mg/kg dry	1	0.030	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Chrysene [218-01-9] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.045	U	mg/kg dry	1	0.045	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Fluoranthene [206-44-0] ^	0.047	U	mg/kg dry	1	0.047	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Fluorene [86-73-7] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.042	U	mg/kg dry	1	0.042	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Naphthalene [91-20-3] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Phenanthrene [85-01-8] ^	0.029	U	mg/kg dry	1	0.029	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	
Pyrene [129-00-0] ^	0.053	U	mg/kg dry	1	0.053	0.36	9K25016	EPA 8270D	12/01/09 18:31	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.6*	*1*	*1.83*	*86 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 18:31*	*DFM*	
Nitrobenzene-d5	*1.4*	*1*	*1.83*	*78 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 18:31*	*DFM*	
Terphenyl-d14	*2.1*	*1*	*1.83*	*114 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 18:31*	*DFM*	

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Description:	S9-3-5	**Lab Sample ID:**	C913275-03	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:35	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.0

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.279**	J	mg/kg dry	1	0.121	1.10	9L01012	EPA 6010C	12/02/09 12:09	JDH	
Arsenic [7440-38-2] ^	**1.18**		mg/kg dry	1	0.110	0.549	9L01012	EPA 6010C	12/02/09 12:09	JDH	
Beryllium [7440-41-7] ^	0.0132	U	mg/kg dry	1	0.0132	0.0549	9L01012	EPA 6010C	12/02/09 12:09	JDH	
Cadmium [7440-43-9] ^	0.0105	U	mg/kg dry	1	0.0105	0.0549	9L01012	EPA 6010C	12/02/09 12:09	JDH	
Chromium [7440-47-3] ^	**1.95**		mg/kg dry	1	0.110	0.549	9L01012	EPA 6010C	12/02/09 12:09	JDH	
Copper [7440-50-8] ^	**0.591**		mg/kg dry	1	0.209	0.549	9L01012	EPA 6010C	12/02/09 12:09	JDH	
Lead [7439-92-1] ^	**1.69**		mg/kg dry	1	0.132	0.549	9L01012	EPA 6010C	12/02/09 12:09	JDH	
Mercury [7439-97-6] ^	**0.0141**		mg/kg dry	1	0.00582	0.0110	9L01027	EPA 7471B	12/02/09 15:11	NLH	
Nickel [7440-02-0] ^	**0.813**	J	mg/kg dry	1	0.395	2.75	9L01012	EPA 6010C	12/02/09 12:09	JDH	
Selenium [7782-49-2] ^	**0.300**	JB	mg/kg dry	1	0.110	0.549	9L01012	EPA 6010C	12/02/09 12:09	JDH	J-01
Silver [7440-22-4] ^	0.110	U	mg/kg dry	1	0.110	0.549	9L01012	EPA 6010C	12/02/09 12:09	JDH	
Thallium [7440-28-0] ^	**0.166**	JB	mg/kg dry	1	0.110	0.549	9L01012	EPA 6010C	12/02/09 12:09	JDH	J-01
Zinc [7440-66-6] ^	**3.11**		mg/kg dry	1	1.21	2.75	9L01012	EPA 6010C	12/02/09 12:09	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S9-5-6	**Lab Sample ID:**	C913275-04	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:40	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.9

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00069	U	mg/kg dry	1	0.00069	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00033	U	mg/kg dry	1	0.00033	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00025	U	mg/kg dry	1	0.00025	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
2-Butanone [78-93-3] ^	0.00068	U	mg/kg dry	1	0.00068	0.0044	9K24015	EPA 8260B	11/24/09 21:00	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00043	U	mg/kg dry	1	0.00043	0.0044	9K24015	EPA 8260B	11/24/09 21:00	JKG	
2-Chlorotoluene [95-49-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
2-Hexanone [591-78-6] ^	0.00065	U	mg/kg dry	1	0.00065	0.0044	9K24015	EPA 8260B	11/24/09 21:00	JKG	
4-Chlorotoluene [106-43-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00050	U	mg/kg dry	1	0.00050	0.0044	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Acetone [67-64-1] ^	0.0010	U	mg/kg dry	1	0.0010	0.0044	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Benzene [71-43-2] ^	0.00015	U	mg/kg dry	1	0.00015	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Bromobenzene [108-86-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Bromochloromethane [74-97-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Bromodichloromethane [75-27-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Bromoform [75-25-2] ^	0.00039	U	mg/kg dry	1	0.00039	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Bromomethane [74-83-9] ^	0.00020	U	mg/kg dry	1	0.00020	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Carbon disulfide [75-15-0] ^	0.00034	U	mg/kg dry	1	0.00034	0.0044	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Chlorobenzene [108-90-7] ^	0.00015	U	mg/kg dry	1	0.00015	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Chloroethane [75-00-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Chloroform [67-66-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Chloromethane [74-87-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Dibromochloromethane [124-48-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Dibromomethane [74-95-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Ethylbenzene [100-41-4] ^	0.00017	U	mg/kg dry	1	0.00017	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Isopropylbenzene [98-82-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00032	U	mg/kg dry	1	0.00032	0.0017	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Methylene Chloride [75-09-2] ^	0.00049	U	mg/kg dry	1	0.00049	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	

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Description:	S9-5-6	**Lab Sample ID:**	C913275-04	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:40	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.9

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Naphthalene [91-20-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
n-Butyl Benzene [104-51-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
n-Propyl Benzene [103-65-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
o-Xylene [95-47-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
sec-Butylbenzene [135-98-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Styrene [100-42-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
tert-Butylbenzene [98-06-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Tetrachloroethene [127-18-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Toluene [108-88-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00032	U	mg/kg dry	1	0.00032	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00034	U	mg/kg dry	1	0.00034	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Trichloroethene [79-01-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Vinyl chloride [75-01-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	
Xylenes (Total) [1330-20-7] ^	0.00049	U	mg/kg dry	1	0.00049	0.00087	9K24015	EPA 8260B	11/24/09 21:00	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*89 %*	*61-118*	*9K24015*	*EPA 8260B*	*11/24/09 21:00*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*95 %*	*66-114*	*9K24015*	*EPA 8260B*	*11/24/09 21:00*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*91 %*	*63-118*	*9K24015*	*EPA 8260B*	*11/24/09 21:00*	*JKG*	

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Description:	S9-5-6	**Lab Sample ID:**	C913275-04	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:40	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.9

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.039	U	mg/kg dry	1	0.039	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
2-Methylnaphthalene [91-57-6] ^	0.042	U	mg/kg dry	1	0.042	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Acenaphthene [83-32-9] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Acenaphthylene [208-96-8] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Anthracene [120-12-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.091**	J	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.093**	J	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.12**	J	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.053**	J	mg/kg dry	1	0.044	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.050**	J	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Chrysene [218-01-9] ^	**0.092**	J	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.046	U	mg/kg dry	1	0.046	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Fluoranthene [206-44-0] ^	**0.17**	J	mg/kg dry	1	0.048	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Fluorene [86-73-7] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.052**	J	mg/kg dry	1	0.043	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Naphthalene [91-20-3] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Phenanthrene [85-01-8] ^	**0.052**	J	mg/kg dry	1	0.029	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	
Pyrene [129-00-0] ^	**0.16**	J	mg/kg dry	1	0.054	0.37	9K25016	EPA 8270D	12/01/09 22:55	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.8*	*1*	*1.87*	*97 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 22:55*	*DFM*	
Nitrobenzene-d5	*1.7*	*1*	*1.87*	*89 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 22:55*	*DFM*	
Terphenyl-d14	*2.0*	*1*	*1.87*	*108 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 22:55*	*DFM*	

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Description:	S9-5-6	**Lab Sample ID:**	C913275-04	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 13:40	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.9

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.533**	J	mg/kg dry	1	0.124	1.12	9L01012	EPA 6010C	12/02/09 12:11	JDH	
Arsenic [7440-38-2] ^	**1.87**		mg/kg dry	1	0.112	0.562	9L01012	EPA 6010C	12/02/09 12:11	JDH	
Beryllium [7440-41-7] ^	**0.0361**	J	mg/kg dry	1	0.0135	0.0562	9L01012	EPA 6010C	12/02/09 12:11	JDH	
Cadmium [7440-43-9] ^	**0.0206**	J	mg/kg dry	1	0.0108	0.0562	9L01012	EPA 6010C	12/02/09 12:11	JDH	
Chromium [7440-47-3] ^	**7.62**		mg/kg dry	1	0.112	0.562	9L01012	EPA 6010C	12/02/09 12:11	JDH	
Copper [7440-50-8] ^	**2.72**		mg/kg dry	1	0.214	0.562	9L01012	EPA 6010C	12/02/09 12:11	JDH	
Lead [7439-92-1] ^	**15.6**		mg/kg dry	1	0.135	0.562	9L01012	EPA 6010C	12/02/09 12:11	JDH	
Mercury [7439-97-6] ^	**0.0252**		mg/kg dry	1	0.00596	0.0112	9L01027	EPA 7471B	12/02/09 15:14	NLH	
Nickel [7440-02-0] ^	**1.38**	J	mg/kg dry	1	0.405	2.81	9L01012	EPA 6010C	12/02/09 12:11	JDH	
Selenium [7782-49-2] ^	0.112	U	mg/kg dry	1	0.112	0.562	9L01012	EPA 6010C	12/02/09 12:11	JDH	
Silver [7440-22-4] ^	0.112	U	mg/kg dry	1	0.112	0.562	9L01012	EPA 6010C	12/02/09 12:11	JDH	
Thallium [7440-28-0] ^	**0.113**	JB	mg/kg dry	1	0.112	0.562	9L01012	EPA 6010C	12/02/09 12:11	JDH	J-01
Zinc [7440-66-6] ^	**20.1**		mg/kg dry	1	1.24	2.81	9L01012	EPA 6010C	12/02/09 12:11	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S10-1-2	**Lab Sample ID:**	C913275-05	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:00	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	92.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00035	U	mg/kg dry	1	0.00035	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00085	U	mg/kg dry	1	0.00085	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
2-Butanone [78-93-3] ^	0.00084	U	mg/kg dry	1	0.00084	0.0054	9K24015	EPA 8260B	11/24/09 21:29	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00053	U	mg/kg dry	1	0.00053	0.0054	9K24015	EPA 8260B	11/24/09 21:29	JKG	
2-Chlorotoluene [95-49-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
2-Hexanone [591-78-6] ^	0.00081	U	mg/kg dry	1	0.00081	0.0054	9K24015	EPA 8260B	11/24/09 21:29	JKG	
4-Chlorotoluene [106-43-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00062	U	mg/kg dry	1	0.00062	0.0054	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Acetone [67-64-1] ^	**0.016**		mg/kg dry	1	0.0013	0.0054	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Benzene [71-43-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Bromobenzene [108-86-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Bromochloromethane [74-97-5] ^	0.00044	U	mg/kg dry	1	0.00044	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Bromodichloromethane [75-27-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Bromoform [75-25-2] ^	0.00049	U	mg/kg dry	1	0.00049	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Bromomethane [74-83-9] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Carbon disulfide [75-15-0] ^	0.00042	U	mg/kg dry	1	0.00042	0.0054	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Chloroethane [75-00-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Chloroform [67-66-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Chloromethane [74-87-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Dibromochloromethane [124-48-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Dibromomethane [74-95-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00049	U	mg/kg dry	1	0.00049	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Ethylbenzene [100-41-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Isopropylbenzene [98-82-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00040	U	mg/kg dry	1	0.00040	0.0022	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Methylene Chloride [75-09-2] ^	0.00061	U	mg/kg dry	1	0.00061	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	

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Description:	S10-1-2	**Lab Sample ID:**	C913275-05	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:00	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	92.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Naphthalene [91-20-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
n-Butyl Benzene [104-51-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
n-Propyl Benzene [103-65-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
o-Xylene [95-47-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
sec-Butylbenzene [135-98-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
tert-Butylbenzene [98-06-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Tetrachloroethene [127-18-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Toluene [108-88-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00042	U	mg/kg dry	1	0.00042	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Trichloroethene [79-01-6] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Vinyl chloride [75-01-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	
Xylenes (Total) [1330-20-7] ^	0.00061	U	mg/kg dry	1	0.00061	0.0011	9K24015	EPA 8260B	11/24/09 21:29	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*61-118*	*9K24015*	*EPA 8260B*	*11/24/09 21:29*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*66-114*	*9K24015*	*EPA 8260B*	*11/24/09 21:29*	*JKG*	
Toluene-d8	*45*	*1*	*50.0*	*89 %*	*63-118*	*9K24015*	*EPA 8260B*	*11/24/09 21:29*	*JKG*	

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Description:	S10-1-2	**Lab Sample ID:**	C913275-05	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:00	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	92.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.38	UD	mg/kg dry	10	0.38	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
2-Methylnaphthalene [91-57-6] ^	0.40	UD	mg/kg dry	10	0.40	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Acenaphthene [83-32-9] ^	0.27	UD	mg/kg dry	10	0.27	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Acenaphthylene [208-96-8] ^	0.27	UD	mg/kg dry	10	0.27	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Anthracene [120-12-7] ^	0.36	UD	mg/kg dry	10	0.36	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Benzo(a)anthracene [56-55-3] ^	**17**	D	mg/kg dry	10	0.27	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Benzo(a)pyrene [50-32-8] ^	**19**	D	mg/kg dry	10	0.29	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**26**	D	mg/kg dry	10	0.29	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**12**	D	mg/kg dry	10	0.42	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**9.1**	D	mg/kg dry	10	0.29	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Chrysene [218-01-9] ^	**15**	D	mg/kg dry	10	0.27	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	**2.9**	JD	mg/kg dry	10	0.44	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Fluoranthene [206-44-0] ^	**30**	D	mg/kg dry	10	0.46	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Fluorene [86-73-7] ^	0.27	UD	mg/kg dry	10	0.27	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**10**	D	mg/kg dry	10	0.41	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Naphthalene [91-20-3] ^	0.27	UD	mg/kg dry	10	0.27	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Phenanthrene [85-01-8] ^	**1.0**	JD	mg/kg dry	10	0.28	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	
Pyrene [129-00-0] ^	**31**	D	mg/kg dry	10	0.52	3.6	9K25016	EPA 8270D	12/02/09 01:07	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.5*	*10*	*1.80*	*84 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/02/09 01:07*	*DFM*	
Nitrobenzene-d5	*1.6*	*10*	*1.80*	*86 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/02/09 01:07*	*DFM*	
Terphenyl-d14	*1.9*	*10*	*1.80*	*105 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/02/09 01:07*	*DFM*	

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Description:	S10-1-2	**Lab Sample ID:**	C913275-05	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:00	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	92.5

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.622**	J	mg/kg dry	1	0.119	1.08	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Arsenic [7440-38-2] ^	**0.864**		mg/kg dry	1	0.108	0.541	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Beryllium [7440-41-7] ^	**0.0413**	J	mg/kg dry	1	0.0130	0.0541	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Cadmium [7440-43-9] ^	**0.104**		mg/kg dry	1	0.0104	0.0541	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Chromium [7440-47-3] ^	**4.32**		mg/kg dry	1	0.108	0.541	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Copper [7440-50-8] ^	**8.29**		mg/kg dry	1	0.205	0.541	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Lead [7439-92-1] ^	**76.4**		mg/kg dry	1	0.130	0.541	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Mercury [7439-97-6] ^	**0.163**		mg/kg dry	1	0.00573	0.0108	9L01027	EPA 7471B	12/02/09 15:17	NLH	
Nickel [7440-02-0] ^	**2.00**	J	mg/kg dry	1	0.389	2.70	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Selenium [7782-49-2] ^	0.108	U	mg/kg dry	1	0.108	0.541	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Silver [7440-22-4] ^	**0.167**	J	mg/kg dry	1	0.108	0.541	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Thallium [7440-28-0] ^	0.108	U	mg/kg dry	1	0.108	0.541	9L01012	EPA 6010C	12/02/09 12:14	JDH	
Zinc [7440-66-6] ^	**65.2**		mg/kg dry	1	1.19	2.70	9L01012	EPA 6010C	12/02/09 12:14	JDH	

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Description:	S10-5-6	**Lab Sample ID:**	C913275-06	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:05	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00065	U	mg/kg dry	1	0.00065	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00038	U	mg/kg dry	1	0.00038	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00031	U	mg/kg dry	1	0.00031	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
2-Butanone [78-93-3] ^	0.00064	U	mg/kg dry	1	0.00064	0.0041	9K25011	EPA 8260B	11/25/09 17:11	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00040	U	mg/kg dry	1	0.00040	0.0041	9K25011	EPA 8260B	11/25/09 17:11	JKG	
2-Chlorotoluene [95-49-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
2-Hexanone [591-78-6] ^	0.00062	U	mg/kg dry	1	0.00062	0.0041	9K25011	EPA 8260B	11/25/09 17:11	JKG	
4-Chlorotoluene [106-43-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00047	U	mg/kg dry	1	0.00047	0.0041	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Acetone [67-64-1] ^	**0.0069**		mg/kg dry	1	0.00099	0.0041	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Benzene [71-43-2] ^	0.00014	U	mg/kg dry	1	0.00014	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Bromobenzene [108-86-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Bromochloromethane [74-97-5] ^	0.00034	U	mg/kg dry	1	0.00034	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Bromodichloromethane [75-27-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Bromoform [75-25-2] ^	0.00037	U	mg/kg dry	1	0.00037	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Bromomethane [74-83-9] ^	0.00019	U	mg/kg dry	1	0.00019	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Carbon disulfide [75-15-0] ^	0.00032	U	mg/kg dry	1	0.00032	0.0041	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Chlorobenzene [108-90-7] ^	0.00014	U	mg/kg dry	1	0.00014	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Chloroethane [75-00-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Chloroform [67-66-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Chloromethane [74-87-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Dibromochloromethane [124-48-1] ^	0.00029	U	mg/kg dry	1	0.00029	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Dibromomethane [74-95-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Ethylbenzene [100-41-4] ^	0.00017	U	mg/kg dry	1	0.00017	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00029	U	mg/kg dry	1	0.00029	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Isopropylbenzene [98-82-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.0017	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Methylene Chloride [75-09-2] ^	0.00046	U	mg/kg dry	1	0.00046	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	

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Description:	S10-5-6	**Lab Sample ID:**	C913275-06	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:05	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Naphthalene [91-20-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
n-Butyl Benzene [104-51-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
n-Propyl Benzene [103-65-1] ^	0.00015	U	mg/kg dry	1	0.00015	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
o-Xylene [95-47-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
sec-Butylbenzene [135-98-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Styrene [100-42-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
tert-Butylbenzene [98-06-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Tetrachloroethene [127-18-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Toluene [108-88-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00031	U	mg/kg dry	1	0.00031	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Trichloroethene [79-01-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Vinyl chloride [75-01-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	
Xylenes (Total) [1330-20-7] ^	0.00046	U	mg/kg dry	1	0.00046	0.00083	9K25011	EPA 8260B	11/25/09 17:11	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*89 %*	*61-118*	*9K25011*	*EPA 8260B*	*11/25/09 17:11*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*66-114*	*9K25011*	*EPA 8260B*	*11/25/09 17:11*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*63-118*	*9K25011*	*EPA 8260B*	*11/25/09 17:11*	*JKG*	

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Description:	S10-5-6	**Lab Sample ID:**	C913275-06	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:05	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.039	U	mg/kg dry	1	0.039	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
2-Methylnaphthalene [91-57-6] ^	0.042	U	mg/kg dry	1	0.042	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Acenaphthene [83-32-9] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Acenaphthylene [208-96-8] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Anthracene [120-12-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.68**		mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.75**		mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**1.0**		mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.48**		mg/kg dry	1	0.044	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.35**	J	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Chrysene [218-01-9] ^	**0.57**		mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	**0.10**	J	mg/kg dry	1	0.046	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Fluoranthene [206-44-0] ^	**1.2**		mg/kg dry	1	0.048	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Fluorene [86-73-7] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.42**		mg/kg dry	1	0.043	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Naphthalene [91-20-3] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Phenanthrene [85-01-8] ^	**0.044**	J	mg/kg dry	1	0.029	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	
Pyrene [129-00-0] ^	**1.1**		mg/kg dry	1	0.054	0.37	9K25016	EPA 8270D	12/02/09 00:01	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.4*	*1*	*1.88*	*73 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/02/09 00:01*	*DFM*	
Nitrobenzene-d5	*1.3*	*1*	*1.88*	*68 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/02/09 00:01*	*DFM*	
Terphenyl-d14	*1.9*	*1*	*1.88*	*104 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/02/09 00:01*	*DFM*	

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Description:	S10-5-6	**Lab Sample ID:**	C913275-06	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:05	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.8

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.601**	J	mg/kg dry	1	0.124	1.13	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Arsenic [7440-38-2] ^	**0.799**		mg/kg dry	1	0.113	0.563	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Beryllium [7440-41-7] ^	**0.0412**	J	mg/kg dry	1	0.0135	0.0563	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Cadmium [7440-43-9] ^	**0.0126**	J	mg/kg dry	1	0.0108	0.0563	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Chromium [7440-47-3] ^	**8.21**		mg/kg dry	1	0.113	0.563	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Copper [7440-50-8] ^	**3.66**		mg/kg dry	1	0.214	0.563	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Lead [7439-92-1] ^	**19.4**		mg/kg dry	1	0.135	0.563	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Mercury [7439-97-6] ^	**0.0334**		mg/kg dry	1	0.00597	0.0113	9L01027	EPA 7471B	12/02/09 15:20	NLH	
Nickel [7440-02-0] ^	**2.29**	J	mg/kg dry	1	0.405	2.82	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Selenium [7782-49-2] ^	0.113	U	mg/kg dry	1	0.113	0.563	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Silver [7440-22-4] ^	**0.188**	J	mg/kg dry	1	0.113	0.563	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Thallium [7440-28-0] ^	0.113	U	mg/kg dry	1	0.113	0.563	9L01012	EPA 6010C	12/02/09 12:16	JDH	
Zinc [7440-66-6] ^	**21.0**		mg/kg dry	1	1.24	2.82	9L01012	EPA 6010C	12/02/09 12:16	JDH	

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Description:	S11-0-2	**Lab Sample ID:**	C913275-07	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:25	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.4

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00077	U	mg/kg dry	1	0.00077	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00037	U	mg/kg dry	1	0.00037	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00028	U	mg/kg dry	1	0.00028	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
2-Butanone [78-93-3] ^	0.00076	U	mg/kg dry	1	0.00076	0.0049	9K25011	EPA 8260B	11/25/09 17:39	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0049	9K25011	EPA 8260B	11/25/09 17:39	JKG	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
2-Hexanone [591-78-6] ^	0.00073	U	mg/kg dry	1	0.00073	0.0049	9K25011	EPA 8260B	11/25/09 17:39	JKG	
4-Chlorotoluene [106-43-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00056	U	mg/kg dry	1	0.00056	0.0049	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Acetone [67-64-1] ^	0.0012	U	mg/kg dry	1	0.0012	0.0049	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Bromochloromethane [74-97-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Bromodichloromethane [75-27-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Bromoform [75-25-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Carbon disulfide [75-15-0] ^	0.00038	U	mg/kg dry	1	0.00038	0.0049	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Chloroethane [75-00-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Dibromochloromethane [124-48-1] ^	0.00034	U	mg/kg dry	1	0.00034	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Dibromomethane [74-95-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Methylene Chloride [75-09-2] ^	0.00055	U	mg/kg dry	1	0.00055	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	

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Description:	S11-0-2	**Lab Sample ID:**	C913275-07	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:25	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.4

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Naphthalene [91-20-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Tetrachloroethene [127-18-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Trichloroethene [79-01-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Vinyl chloride [75-01-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	
Xylenes (Total) [1330-20-7] ^	0.00055	U	mg/kg dry	1	0.00055	0.00098	9K25011	EPA 8260B	11/25/09 17:39	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*89 %*	*61-118*	*9K25011*	*EPA 8260B*	*11/25/09 17:39*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*94 %*	*66-114*	*9K25011*	*EPA 8260B*	*11/25/09 17:39*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*93 %*	*63-118*	*9K25011*	*EPA 8260B*	*11/25/09 17:39*	*JKG*	

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Description:	S11-0-2	**Lab Sample ID:**	C913275-07	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:25	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.4

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.039	U	mg/kg dry	1	0.039	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
2-Methylnaphthalene [91-57-6] ^	0.041	U	mg/kg dry	1	0.041	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Acenaphthene [83-32-9] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Acenaphthylene [208-96-8] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Anthracene [120-12-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.098**	J	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.080**	J	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.12**	J	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.049**	J	mg/kg dry	1	0.043	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.053**	J	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Chrysene [218-01-9] ^	**0.10**	J	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.045	U	mg/kg dry	1	0.045	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Fluoranthene [206-44-0] ^	**0.25**	J	mg/kg dry	1	0.048	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Fluorene [86-73-7] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.042	U	mg/kg dry	1	0.042	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Naphthalene [91-20-3] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Phenanthrene [85-01-8] ^	**0.12**	J	mg/kg dry	1	0.029	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	
Pyrene [129-00-0] ^	**0.22**	J	mg/kg dry	1	0.053	0.37	9K25016	EPA 8270D	12/01/09 20:43	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.7*	*1*	*1.84*	*90 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 20:43*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*1.84*	*88 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 20:43*	*DFM*	
Terphenyl-d14	*2.3*	*1*	*1.84*	*124 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 20:43*	*DFM*	

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Description:	S11-0-2	**Lab Sample ID:**	C913275-07	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:25	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.4

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.271**	J	mg/kg dry	1	0.122	1.11	9L01012	EPA 6010C	12/02/09 12:19	JDH	
Arsenic [7440-38-2] ^	**1.61**		mg/kg dry	1	0.111	0.553	9L01012	EPA 6010C	12/02/09 12:19	JDH	
Beryllium [7440-41-7] ^	**0.0483**	J	mg/kg dry	1	0.0133	0.0553	9L01012	EPA 6010C	12/02/09 12:19	JDH	
Cadmium [7440-43-9] ^	0.0106	U	mg/kg dry	1	0.0106	0.0553	9L01012	EPA 6010C	12/02/09 12:19	JDH	
Chromium [7440-47-3] ^	**5.89**		mg/kg dry	1	0.111	0.553	9L01012	EPA 6010C	12/02/09 12:19	JDH	
Copper [7440-50-8] ^	**2.26**		mg/kg dry	1	0.210	0.553	9L01012	EPA 6010C	12/02/09 12:19	JDH	
Lead [7439-92-1] ^	**23.4**		mg/kg dry	1	0.133	0.553	9L01012	EPA 6010C	12/02/09 12:19	JDH	
Mercury [7439-97-6] ^	**0.00955**	J	mg/kg dry	1	0.00586	0.0111	9L01027	EPA 7471B	12/02/09 15:23	NLH	
Nickel [7440-02-0] ^	**0.751**	J	mg/kg dry	1	0.398	2.77	9L01012	EPA 6010C	12/02/09 12:19	JDH	
Selenium [7782-49-2] ^	0.111	U	mg/kg dry	1	0.111	0.553	9L01012	EPA 6010C	12/02/09 12:19	JDH	
Silver [7440-22-4] ^	0.111	U	mg/kg dry	1	0.111	0.553	9L01012	EPA 6010C	12/02/09 12:19	JDH	
Thallium [7440-28-0] ^	**0.128**	JB	mg/kg dry	1	0.111	0.553	9L01012	EPA 6010C	12/02/09 12:19	JDH	J-01
Zinc [7440-66-6] ^	**51.8**		mg/kg dry	1	1.22	2.77	9L01012	EPA 6010C	12/02/09 12:19	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S11-6-7	**Lab Sample ID:**	C913275-08	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:30	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00069	U	mg/kg dry	1	0.00069	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00033	U	mg/kg dry	1	0.00033	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00025	U	mg/kg dry	1	0.00025	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
2-Butanone [78-93-3] ^	0.00068	U	mg/kg dry	1	0.00068	0.0044	9K25011	EPA 8260B	11/25/09 18:08	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00043	U	mg/kg dry	1	0.00043	0.0044	9K25011	EPA 8260B	11/25/09 18:08	JKG	
2-Chlorotoluene [95-49-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
2-Hexanone [591-78-6] ^	0.00066	U	mg/kg dry	1	0.00066	0.0044	9K25011	EPA 8260B	11/25/09 18:08	JKG	
4-Chlorotoluene [106-43-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00050	U	mg/kg dry	1	0.00050	0.0044	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Acetone [67-64-1] ^	**0.0059**		mg/kg dry	1	0.0011	0.0044	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Benzene [71-43-2] ^	0.00015	U	mg/kg dry	1	0.00015	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Bromobenzene [108-86-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Bromochloromethane [74-97-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Bromodichloromethane [75-27-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Bromoform [75-25-2] ^	0.00039	U	mg/kg dry	1	0.00039	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Bromomethane [74-83-9] ^	0.00020	U	mg/kg dry	1	0.00020	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Carbon disulfide [75-15-0] ^	0.00034	U	mg/kg dry	1	0.00034	0.0044	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Chlorobenzene [108-90-7] ^	0.00015	U	mg/kg dry	1	0.00015	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Chloroethane [75-00-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Chloroform [67-66-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Chloromethane [74-87-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Dibromochloromethane [124-48-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Dibromomethane [74-95-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Ethylbenzene [100-41-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Isopropylbenzene [98-82-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00032	U	mg/kg dry	1	0.00032	0.0018	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Methylene Chloride [75-09-2] ^	0.00049	U	mg/kg dry	1	0.00049	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	

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Description:	S11-6-7	**Lab Sample ID:**	C913275-08	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:30	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Naphthalene [91-20-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
n-Butyl Benzene [104-51-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
n-Propyl Benzene [103-65-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
o-Xylene [95-47-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
sec-Butylbenzene [135-98-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Styrene [100-42-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
tert-Butylbenzene [98-06-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Tetrachloroethene [127-18-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Toluene [108-88-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00032	U	mg/kg dry	1	0.00032	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00034	U	mg/kg dry	1	0.00034	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Trichloroethene [79-01-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Vinyl chloride [75-01-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	
Xylenes (Total) [1330-20-7] ^	0.00049	U	mg/kg dry	1	0.00049	0.00088	9K25011	EPA 8260B	11/25/09 18:08	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*101 %*	*61-118*	*9K25011*	*EPA 8260B*	*11/25/09 18:08*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*66-114*	*9K25011*	*EPA 8260B*	*11/25/09 18:08*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*100 %*	*63-118*	*9K25011*	*EPA 8260B*	*11/25/09 18:08*	*JKG*	

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Description:	S11-6-7	**Lab Sample ID:**	C913275-08	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:30	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.039	U	mg/kg dry	1	0.039	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
2-Methylnaphthalene [91-57-6] ^	0.042	U	mg/kg dry	1	0.042	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Acenaphthene [83-32-9] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Acenaphthylene [208-96-8] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Anthracene [120-12-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Benzo(a)anthracene [56-55-3] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Benzo(a)pyrene [50-32-8] ^	0.030	U	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.030	U	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.044	U	mg/kg dry	1	0.044	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.030	U	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Chrysene [218-01-9] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.046	U	mg/kg dry	1	0.046	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Fluoranthene [206-44-0] ^	0.048	U	mg/kg dry	1	0.048	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Fluorene [86-73-7] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.043	U	mg/kg dry	1	0.043	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Naphthalene [91-20-3] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Phenanthrene [85-01-8] ^	0.029	U	mg/kg dry	1	0.029	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	
Pyrene [129-00-0] ^	0.054	U	mg/kg dry	1	0.054	0.37	9K25016	EPA 8270D	12/01/09 19:04	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.9*	*1*	*1.88*	*103 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 19:04*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*1.88*	*88 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 19:04*	*DFM*	
Terphenyl-d14	*2.3*	*1*	*1.88*	*124 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 19:04*	*DFM*	

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Description:	S11-6-7	**Lab Sample ID:**	C913275-08	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:30	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.8

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.124	U	mg/kg dry	1	0.124	1.13	9L01012	EPA 6010C	12/02/09 12:21	JDH	
Arsenic [7440-38-2] ^	**0.435**	J	mg/kg dry	1	0.113	0.563	9L01012	EPA 6010C	12/02/09 12:21	JDH	
Beryllium [7440-41-7] ^	0.0135	U	mg/kg dry	1	0.0135	0.0563	9L01012	EPA 6010C	12/02/09 12:21	JDH	
Cadmium [7440-43-9] ^	**0.0532**	J	mg/kg dry	1	0.0108	0.0563	9L01012	EPA 6010C	12/02/09 12:21	JDH	
Chromium [7440-47-3] ^	**1.48**		mg/kg dry	1	0.113	0.563	9L01012	EPA 6010C	12/02/09 12:21	JDH	
Copper [7440-50-8] ^	0.214	U	mg/kg dry	1	0.214	0.563	9L01012	EPA 6010C	12/02/09 12:21	JDH	
Lead [7439-92-1] ^	**1.34**		mg/kg dry	1	0.135	0.563	9L01012	EPA 6010C	12/02/09 12:21	JDH	
Mercury [7439-97-6] ^	0.00597	U	mg/kg dry	1	0.00597	0.0113	9L01027	EPA 7471B	12/02/09 15:26	NLH	
Nickel [7440-02-0] ^	0.405	U	mg/kg dry	1	0.405	2.81	9L01012	EPA 6010C	12/02/09 12:21	JDH	
Selenium [7782-49-2] ^	0.113	U	mg/kg dry	1	0.113	0.563	9L01012	EPA 6010C	12/02/09 12:21	JDH	
Silver [7440-22-4] ^	0.113	U	mg/kg dry	1	0.113	0.563	9L01012	EPA 6010C	12/02/09 12:21	JDH	
Thallium [7440-28-0] ^	**0.177**	JB	mg/kg dry	1	0.113	0.563	9L01012	EPA 6010C	12/02/09 12:21	JDH	J-01
Zinc [7440-66-6] ^	**2.34**	J	mg/kg dry	1	1.24	2.81	9L01012	EPA 6010C	12/02/09 12:21	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S12-2-3	**Lab Sample ID:**	C913275-09	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:40	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	87.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00079	U	mg/kg dry	1	0.00079	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00046	U	mg/kg dry	1	0.00046	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00038	U	mg/kg dry	1	0.00038	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00029	U	mg/kg dry	1	0.00029	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
2-Butanone [78-93-3] ^	0.00078	U	mg/kg dry	1	0.00078	0.0050	9K25011	EPA 8260B	11/25/09 18:37	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00049	U	mg/kg dry	1	0.00049	0.0050	9K25011	EPA 8260B	11/25/09 18:37	JKG	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
2-Hexanone [591-78-6] ^	0.00075	U	mg/kg dry	1	0.00075	0.0050	9K25011	EPA 8260B	11/25/09 18:37	JKG	
4-Chlorotoluene [106-43-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00057	U	mg/kg dry	1	0.00057	0.0050	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Acetone [67-64-1] ^	0.0012	U	mg/kg dry	1	0.0012	0.0050	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Bromochloromethane [74-97-5] ^	0.00041	U	mg/kg dry	1	0.00041	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Bromodichloromethane [75-27-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Bromoform [75-25-2] ^	0.00045	U	mg/kg dry	1	0.00045	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Carbon disulfide [75-15-0] ^	0.00039	U	mg/kg dry	1	0.00039	0.0050	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Chloroethane [75-00-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Dibromochloromethane [124-48-1] ^	0.00035	U	mg/kg dry	1	0.00035	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Dibromomethane [74-95-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Methylene Chloride [75-09-2] ^	0.00056	U	mg/kg dry	1	0.00056	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	

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Description:	S12-2-3	**Lab Sample ID:**	C913275-09	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:40	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	87.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Naphthalene [91-20-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Tetrachloroethene [127-18-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00039	U	mg/kg dry	1	0.00039	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Trichloroethene [79-01-6] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Vinyl chloride [75-01-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	
Xylenes (Total) [1330-20-7] ^	0.00056	U	mg/kg dry	1	0.00056	0.0010	9K25011	EPA 8260B	11/25/09 18:37	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*90 %*	*61-118*	*9K25011*	*EPA 8260B*	*11/25/09 18:37*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*93 %*	*66-114*	*9K25011*	*EPA 8260B*	*11/25/09 18:37*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*63-118*	*9K25011*	*EPA 8260B*	*11/25/09 18:37*	*JKG*	

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Description:	S12-2-3	**Lab Sample ID:**	C913275-09	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:40	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	87.7

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.040	U	mg/kg dry	1	0.040	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
2-Methylnaphthalene [91-57-6] ^	0.042	U	mg/kg dry	1	0.042	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Acenaphthene [83-32-9] ^	0.028	U	mg/kg dry	1	0.028	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Acenaphthylene [208-96-8] ^	0.028	U	mg/kg dry	1	0.028	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Anthracene [120-12-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.17**	J	mg/kg dry	1	0.028	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.21**	J	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.35**	J	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.14**	J	mg/kg dry	1	0.044	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.11**	J	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Chrysene [218-01-9] ^	**0.21**	J	mg/kg dry	1	0.028	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.047	U	mg/kg dry	1	0.047	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Fluoranthene [206-44-0] ^	**0.37**	J	mg/kg dry	1	0.049	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Fluorene [86-73-7] ^	0.028	U	mg/kg dry	1	0.028	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.13**	J	mg/kg dry	1	0.043	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Naphthalene [91-20-3] ^	0.028	U	mg/kg dry	1	0.028	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Phenanthrene [85-01-8] ^	**0.11**	J	mg/kg dry	1	0.030	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	
Pyrene [129-00-0] ^	**0.32**	J	mg/kg dry	1	0.055	0.38	9K25016	EPA 8270D	12/01/09 21:49	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.6*	*1*	*1.90*	*87 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 21:49*	*DFM*	
Nitrobenzene-d5	*1.7*	*1*	*1.90*	*87 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 21:49*	*DFM*	
Terphenyl-d14	*2.0*	*1*	*1.90*	*106 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 21:49*	*DFM*	

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Description:	S12-2-3	**Lab Sample ID:**	C913275-09	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:40	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	87.7

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.475**	J	mg/kg dry	1	0.125	1.14	9L01012	EPA 6010C	12/02/09 12:33	JDH	
Arsenic [7440-38-2] ^	**3.12**		mg/kg dry	1	0.114	0.570	9L01012	EPA 6010C	12/02/09 12:33	JDH	
Beryllium [7440-41-7] ^	**0.0884**		mg/kg dry	1	0.0137	0.0570	9L01012	EPA 6010C	12/02/09 12:33	JDH	
Cadmium [7440-43-9] ^	**0.192**		mg/kg dry	1	0.0109	0.0570	9L01012	EPA 6010C	12/02/09 12:33	JDH	
Chromium [7440-47-3] ^	**4.34**		mg/kg dry	1	0.114	0.570	9L01012	EPA 6010C	12/02/09 12:33	JDH	
Copper [7440-50-8] ^	**13.3**		mg/kg dry	1	0.217	0.570	9L01012	EPA 6010C	12/02/09 12:33	JDH	
Lead [7439-92-1] ^	**53.8**		mg/kg dry	1	0.137	0.570	9L01012	EPA 6010C	12/02/09 12:33	JDH	
Mercury [7439-97-6] ^	**0.0151**		mg/kg dry	1	0.00604	0.0114	9L01027	EPA 7471B	12/02/09 15:29	NLH	
Nickel [7440-02-0] ^	**1.63**	J	mg/kg dry	1	0.410	2.85	9L01012	EPA 6010C	12/02/09 12:33	JDH	
Selenium [7782-49-2] ^	0.114	U	mg/kg dry	1	0.114	0.570	9L01012	EPA 6010C	12/02/09 12:33	JDH	
Silver [7440-22-4] ^	0.114	U	mg/kg dry	1	0.114	0.570	9L01012	EPA 6010C	12/02/09 12:33	JDH	
Thallium [7440-28-0] ^	**0.265**	JB	mg/kg dry	1	0.114	0.570	9L01012	EPA 6010C	12/02/09 12:33	JDH	J-01
Zinc [7440-66-6] ^	**114**		mg/kg dry	1	1.25	2.85	9L01012	EPA 6010C	12/02/09 12:33	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S12-6-7	**Lab Sample ID:**	C913275-10	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:45	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00059	U	mg/kg dry	1	0.00059	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00028	U	mg/kg dry	1	0.00028	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
2-Butanone [78-93-3] ^	0.00058	U	mg/kg dry	1	0.00058	0.0037	9K25011	EPA 8260B	11/25/09 19:06	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0037	9K25011	EPA 8260B	11/25/09 19:06	JKG	
2-Chlorotoluene [95-49-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
2-Hexanone [591-78-6] ^	0.00056	U	mg/kg dry	1	0.00056	0.0037	9K25011	EPA 8260B	11/25/09 19:06	JKG	
4-Chlorotoluene [106-43-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00042	U	mg/kg dry	1	0.00042	0.0037	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Acetone [67-64-1] ^	0.00089	U	mg/kg dry	1	0.00089	0.0037	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Benzene [71-43-2] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Bromobenzene [108-86-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Bromochloromethane [74-97-5] ^	0.00030	U	mg/kg dry	1	0.00030	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Bromodichloromethane [75-27-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Bromoform [75-25-2] ^	0.00033	U	mg/kg dry	1	0.00033	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Bromomethane [74-83-9] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Carbon disulfide [75-15-0] ^	0.00029	U	mg/kg dry	1	0.00029	0.0037	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Chlorobenzene [108-90-7] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Chloroethane [75-00-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Chloroform [67-66-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Chloromethane [74-87-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00010	U	mg/kg dry	1	0.00010	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Dibromochloromethane [124-48-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Dibromomethane [74-95-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00033	U	mg/kg dry	1	0.00033	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Ethylbenzene [100-41-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Isopropylbenzene [98-82-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0015	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Methylene Chloride [75-09-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	

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Description:	S12-6-7	**Lab Sample ID:**	C913275-10	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:45	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Naphthalene [91-20-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
n-Butyl Benzene [104-51-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
n-Propyl Benzene [103-65-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
o-Xylene [95-47-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
sec-Butylbenzene [135-98-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Styrene [100-42-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
tert-Butylbenzene [98-06-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Tetrachloroethene [127-18-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Toluene [108-88-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00029	U	mg/kg dry	1	0.00029	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Trichloroethene [79-01-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Vinyl chloride [75-01-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	
Xylenes (Total) [1330-20-7] ^	0.00041	U	mg/kg dry	1	0.00041	0.00074	9K25011	EPA 8260B	11/25/09 19:06	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*92 %*	*61-118*	*9K25011*	*EPA 8260B*	*11/25/09 19:06*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*66-114*	*9K25011*	*EPA 8260B*	*11/25/09 19:06*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*93 %*	*63-118*	*9K25011*	*EPA 8260B*	*11/25/09 19:06*	*JKG*	

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Description:	S12-6-7	**Lab Sample ID:**	C913275-10	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:45	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.040	U	mg/kg dry	1	0.040	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
2-Methylnaphthalene [91-57-6] ^	0.042	U	mg/kg dry	1	0.042	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Acenaphthene [83-32-9] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Acenaphthylene [208-96-8] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Anthracene [120-12-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Benzo(a)anthracene [56-55-3] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Benzo(a)pyrene [50-32-8] ^	0.031	U	mg/kg dry	1	0.031	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.031	U	mg/kg dry	1	0.031	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.044	U	mg/kg dry	1	0.044	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.031	U	mg/kg dry	1	0.031	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Chrysene [218-01-9] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.047	U	mg/kg dry	1	0.047	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Fluoranthene [206-44-0] ^	0.049	U	mg/kg dry	1	0.049	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Fluorene [86-73-7] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.043	U	mg/kg dry	1	0.043	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Naphthalene [91-20-3] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Phenanthrene [85-01-8] ^	0.030	U	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	
Pyrene [129-00-0] ^	0.054	U	mg/kg dry	1	0.054	0.37	9K25016	EPA 8270D	12/01/09 19:37	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.8*	*1*	*1.89*	*93 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 19:37*	*DFM*	
Nitrobenzene-d5	*1.7*	*1*	*1.89*	*88 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 19:37*	*DFM*	
Terphenyl-d14	*2.4*	*1*	*1.89*	*126 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 19:37*	*DFM*	

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Description:	S12-6-7	**Lab Sample ID:**	C913275-10	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:45	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	88.1

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.141**	J	mg/kg dry	1	0.125	1.14	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Arsenic [7440-38-2] ^	**0.619**		mg/kg dry	1	0.114	0.568	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Beryllium [7440-41-7] ^	0.0136	U	mg/kg dry	1	0.0136	0.0568	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Cadmium [7440-43-9] ^	0.0109	U	mg/kg dry	1	0.0109	0.0568	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Chromium [7440-47-3] ^	**3.37**		mg/kg dry	1	0.114	0.568	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Copper [7440-50-8] ^	**0.311**	J	mg/kg dry	1	0.216	0.568	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Lead [7439-92-1] ^	**3.03**		mg/kg dry	1	0.136	0.568	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Mercury [7439-97-6] ^	0.00602	U	mg/kg dry	1	0.00602	0.0114	9L01027	EPA 7471B	12/02/09 15:33	NLH	
Nickel [7440-02-0] ^	**0.574**	J	mg/kg dry	1	0.409	2.84	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Selenium [7782-49-2] ^	0.114	U	mg/kg dry	1	0.114	0.568	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Silver [7440-22-4] ^	0.114	U	mg/kg dry	1	0.114	0.568	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Thallium [7440-28-0] ^	0.114	U	mg/kg dry	1	0.114	0.568	9L01012	EPA 6010C	12/02/09 12:36	JDH	
Zinc [7440-66-6] ^	**4.68**		mg/kg dry	1	1.25	2.84	9L01012	EPA 6010C	12/02/09 12:36	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S13-3-4	**Lab Sample ID:**	C913275-11	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:50	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	89.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00036	U	mg/kg dry	1	0.00036	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00089	U	mg/kg dry	1	0.00089	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00052	U	mg/kg dry	1	0.00052	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
2-Butanone [78-93-3] ^	0.00087	U	mg/kg dry	1	0.00087	0.0056	9K25011	EPA 8260B	11/25/09 19:35	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0056	9K25011	EPA 8260B	11/25/09 19:35	JKG	
2-Chlorotoluene [95-49-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
2-Hexanone [591-78-6] ^	0.00084	U	mg/kg dry	1	0.00084	0.0056	9K25011	EPA 8260B	11/25/09 19:35	JKG	
4-Chlorotoluene [106-43-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00064	U	mg/kg dry	1	0.00064	0.0056	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Acetone [67-64-1] ^	0.0013	U	mg/kg dry	1	0.0013	0.0056	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Benzene [71-43-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Bromobenzene [108-86-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Bromochloromethane [74-97-5] ^	0.00046	U	mg/kg dry	1	0.00046	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Bromodichloromethane [75-27-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Bromoform [75-25-2] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Bromomethane [74-83-9] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Carbon disulfide [75-15-0] ^	0.00044	U	mg/kg dry	1	0.00044	0.0056	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Chlorobenzene [108-90-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Chloroethane [75-00-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Chloroform [67-66-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Chloromethane [74-87-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Dibromochloromethane [124-48-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Dibromomethane [74-95-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Ethylbenzene [100-41-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Isopropylbenzene [98-82-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00041	U	mg/kg dry	1	0.00041	0.0022	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Methylene Chloride [75-09-2] ^	0.00063	U	mg/kg dry	1	0.00063	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	

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Description:	S13-3-4	**Lab Sample ID:**	C913275-11	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:50	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	89.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Naphthalene [91-20-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
n-Butyl Benzene [104-51-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
n-Propyl Benzene [103-65-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
o-Xylene [95-47-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
sec-Butylbenzene [135-98-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Styrene [100-42-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
tert-Butylbenzene [98-06-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Tetrachloroethene [127-18-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Toluene [108-88-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00041	U	mg/kg dry	1	0.00041	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Trichloroethene [79-01-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Vinyl chloride [75-01-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	
Xylenes (Total) [1330-20-7] ^	0.00063	U	mg/kg dry	1	0.00063	0.0011	9K25011	EPA 8260B	11/25/09 19:35	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*61-118*	*9K25011*	*EPA 8260B*	*11/25/09 19:35*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*94 %*	*66-114*	*9K25011*	*EPA 8260B*	*11/25/09 19:35*	*JKG*	
Toluene-d8	*45*	*1*	*50.0*	*91 %*	*63-118*	*9K25011*	*EPA 8260B*	*11/25/09 19:35*	*JKG*	

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Description:	S13-3-4	**Lab Sample ID:**	C913275-11	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:50	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	89.2

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.039	U	mg/kg dry	1	0.039	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
2-Methylnaphthalene [91-57-6] ^	0.041	U	mg/kg dry	1	0.041	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Acenaphthene [83-32-9] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Acenaphthylene [208-96-8] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Anthracene [120-12-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.25**	J	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.32**	J	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.50**		mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.16**	J	mg/kg dry	1	0.044	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.17**	J	mg/kg dry	1	0.030	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Chrysene [218-01-9] ^	**0.31**	J	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.046	U	mg/kg dry	1	0.046	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Fluoranthene [206-44-0] ^	**0.51**		mg/kg dry	1	0.048	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Fluorene [86-73-7] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.15**	J	mg/kg dry	1	0.043	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Naphthalene [91-20-3] ^	0.028	U	mg/kg dry	1	0.028	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Phenanthrene [85-01-8] ^	**0.16**	J	mg/kg dry	1	0.029	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	
Pyrene [129-00-0] ^	**0.41**		mg/kg dry	1	0.054	0.37	9K25016	EPA 8270D	12/01/09 23:28	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.9*	*1*	*1.87*	*103 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 23:28*	*DFM*	
Nitrobenzene-d5	*1.7*	*1*	*1.87*	*91 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 23:28*	*DFM*	
Terphenyl-d14	*1.9*	*1*	*1.87*	*104 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 23:28*	*DFM*	

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Description:	S13-3-4	**Lab Sample ID:**	C913275-11	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:50	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	89.2

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.290**	J	mg/kg dry	1	0.123	1.12	9L01012	EPA 6010C	12/02/09 12:38	JDH	
Arsenic [7440-38-2] ^	**1.17**		mg/kg dry	1	0.112	0.560	9L01012	EPA 6010C	12/02/09 12:38	JDH	
Beryllium [7440-41-7] ^	**0.0433**	J	mg/kg dry	1	0.0135	0.0560	9L01012	EPA 6010C	12/02/09 12:38	JDH	
Cadmium [7440-43-9] ^	**0.0948**		mg/kg dry	1	0.0108	0.0560	9L01012	EPA 6010C	12/02/09 12:38	JDH	
Chromium [7440-47-3] ^	**2.61**		mg/kg dry	1	0.112	0.560	9L01012	EPA 6010C	12/02/09 12:38	JDH	
Copper [7440-50-8] ^	**3.11**		mg/kg dry	1	0.213	0.560	9L01012	EPA 6010C	12/02/09 12:38	JDH	
Lead [7439-92-1] ^	**28.6**		mg/kg dry	1	0.135	0.560	9L01012	EPA 6010C	12/02/09 12:38	JDH	
Mercury [7439-97-6] ^	**0.0156**		mg/kg dry	1	0.00594	0.0112	9L01027	EPA 7471B	12/02/09 15:37	NLH	
Nickel [7440-02-0] ^	**0.968**	J	mg/kg dry	1	0.404	2.80	9L01012	EPA 6010C	12/02/09 12:38	JDH	
Selenium [7782-49-2] ^	0.112	U	mg/kg dry	1	0.112	0.560	9L01012	EPA 6010C	12/02/09 12:38	JDH	
Silver [7440-22-4] ^	0.112	U	mg/kg dry	1	0.112	0.560	9L01012	EPA 6010C	12/02/09 12:38	JDH	
Thallium [7440-28-0] ^	**0.306**	JB	mg/kg dry	1	0.112	0.560	9L01012	EPA 6010C	12/02/09 12:38	JDH	J-01
Zinc [7440-66-6] ^	**32.0**		mg/kg dry	1	1.23	2.80	9L01012	EPA 6010C	12/02/09 12:38	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S13-6-7	**Lab Sample ID:**	C913275-12	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:55	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	86.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00058	U	mg/kg dry	1	0.00058	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00028	U	mg/kg dry	1	0.00028	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
2-Butanone [78-93-3] ^	0.00057	U	mg/kg dry	1	0.00057	0.0037	9K25011	EPA 8260B	11/25/09 20:04	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0037	9K25011	EPA 8260B	11/25/09 20:04	JKG	
2-Chlorotoluene [95-49-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
2-Hexanone [591-78-6] ^	0.00055	U	mg/kg dry	1	0.00055	0.0037	9K25011	EPA 8260B	11/25/09 20:04	JKG	
4-Chlorotoluene [106-43-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00042	U	mg/kg dry	1	0.00042	0.0037	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Acetone [67-64-1] ^	0.00088	U	mg/kg dry	1	0.00088	0.0037	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Benzene [71-43-2] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Bromobenzene [108-86-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Bromochloromethane [74-97-5] ^	0.00030	U	mg/kg dry	1	0.00030	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Bromodichloromethane [75-27-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Bromoform [75-25-2] ^	0.00033	U	mg/kg dry	1	0.00033	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Bromomethane [74-83-9] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Carbon disulfide [75-15-0] ^	0.00029	U	mg/kg dry	1	0.00029	0.0037	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Chlorobenzene [108-90-7] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Chloroethane [75-00-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Chloroform [67-66-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Chloromethane [74-87-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00010	U	mg/kg dry	1	0.00010	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Dibromochloromethane [124-48-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Dibromomethane [74-95-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00033	U	mg/kg dry	1	0.00033	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Ethylbenzene [100-41-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Isopropylbenzene [98-82-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0015	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Methylene Chloride [75-09-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	

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Description:	S13-6-7	**Lab Sample ID:**	C913275-12	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:55	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	86.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Naphthalene [91-20-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
n-Butyl Benzene [104-51-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
n-Propyl Benzene [103-65-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
o-Xylene [95-47-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
sec-Butylbenzene [135-98-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Styrene [100-42-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
tert-Butylbenzene [98-06-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Tetrachloroethene [127-18-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Toluene [108-88-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00029	U	mg/kg dry	1	0.00029	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Trichloroethene [79-01-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Vinyl chloride [75-01-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	
Xylenes (Total) [1330-20-7] ^	0.00041	U	mg/kg dry	1	0.00041	0.00074	9K25011	EPA 8260B	11/25/09 20:04	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*61-118*	*9K25011*	*EPA 8260B*	*11/25/09 20:04*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*66-114*	*9K25011*	*EPA 8260B*	*11/25/09 20:04*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*93 %*	*63-118*	*9K25011*	*EPA 8260B*	*11/25/09 20:04*	*JKG*	

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Description:	S13-6-7	**Lab Sample ID:**	C913275-12	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:55	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	86.7

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.040	U	mg/kg dry	1	0.040	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
2-Methylnaphthalene [91-57-6] ^	0.043	U	mg/kg dry	1	0.043	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Acenaphthene [83-32-9] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Acenaphthylene [208-96-8] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Anthracene [120-12-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Benzo(a)anthracene [56-55-3] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Benzo(a)pyrene [50-32-8] ^	0.031	U	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.031	U	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.045	U	mg/kg dry	1	0.045	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.031	U	mg/kg dry	1	0.031	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Chrysene [218-01-9] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.047	U	mg/kg dry	1	0.047	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Fluoranthene [206-44-0] ^	0.050	U	mg/kg dry	1	0.050	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Fluorene [86-73-7] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.044	U	mg/kg dry	1	0.044	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Naphthalene [91-20-3] ^	0.029	U	mg/kg dry	1	0.029	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Phenanthrene [85-01-8] ^	0.030	U	mg/kg dry	1	0.030	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	
Pyrene [129-00-0] ^	0.055	U	mg/kg dry	1	0.055	0.38	9K25016	EPA 8270D	12/01/09 20:10	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.7*	*1*	*1.92*	*87 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 20:10*	*DFM*	
Nitrobenzene-d5	*1.7*	*1*	*1.92*	*90 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 20:10*	*DFM*	
Terphenyl-d14	*2.2*	*1*	*1.92*	*114 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 20:10*	*DFM*	

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Description:	S13-6-7	**Lab Sample ID:**	C913275-12	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 14:55	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	86.7

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.218**	J	mg/kg dry	1	0.127	1.15	9L01012	EPA 6010C	12/02/09 12:41	JDH	
Arsenic [7440-38-2] ^	**1.32**		mg/kg dry	1	0.115	0.577	9L01012	EPA 6010C	12/02/09 12:41	JDH	
Beryllium [7440-41-7] ^	**0.0184**	J	mg/kg dry	1	0.0138	0.0577	9L01012	EPA 6010C	12/02/09 12:41	JDH	
Cadmium [7440-43-9] ^	0.0111	U	mg/kg dry	1	0.0111	0.0577	9L01012	EPA 6010C	12/02/09 12:41	JDH	
Chromium [7440-47-3] ^	**5.57**		mg/kg dry	1	0.115	0.577	9L01012	EPA 6010C	12/02/09 12:41	JDH	
Copper [7440-50-8] ^	**0.785**		mg/kg dry	1	0.219	0.577	9L01012	EPA 6010C	12/02/09 12:41	JDH	
Lead [7439-92-1] ^	**3.09**		mg/kg dry	1	0.138	0.577	9L01012	EPA 6010C	12/02/09 12:41	JDH	
Mercury [7439-97-6] ^	0.00611	U	mg/kg dry	1	0.00611	0.0115	9L01027	EPA 7471B	12/02/09 15:41	NLH	
Nickel [7440-02-0] ^	**0.928**	J	mg/kg dry	1	0.415	2.88	9L01012	EPA 6010C	12/02/09 12:41	JDH	
Selenium [7782-49-2] ^	**0.135**	JB	mg/kg dry	1	0.115	0.577	9L01012	EPA 6010C	12/02/09 12:41	JDH	J-01
Silver [7440-22-4] ^	0.115	U	mg/kg dry	1	0.115	0.577	9L01012	EPA 6010C	12/02/09 12:41	JDH	
Thallium [7440-28-0] ^	0.115	U	mg/kg dry	1	0.115	0.577	9L01012	EPA 6010C	12/02/09 12:41	JDH	
Zinc [7440-66-6] ^	**1.97**	J	mg/kg dry	1	1.27	2.88	9L01012	EPA 6010C	12/02/09 12:41	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	Dup	**Lab Sample ID:**	C913275-13	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 00:00	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00035	U	mg/kg dry	1	0.00035	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00086	U	mg/kg dry	1	0.00086	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
2-Butanone [78-93-3] ^	0.00085	U	mg/kg dry	1	0.00085	0.0055	9K25011	EPA 8260B	11/25/09 20:33	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0055	9K25011	EPA 8260B	11/25/09 20:33	JKG	
2-Chlorotoluene [95-49-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
2-Hexanone [591-78-6] ^	0.00082	U	mg/kg dry	1	0.00082	0.0055	9K25011	EPA 8260B	11/25/09 20:33	JKG	
4-Chlorotoluene [106-43-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00062	U	mg/kg dry	1	0.00062	0.0055	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Acetone [67-64-1] ^	0.0013	U	mg/kg dry	1	0.0013	0.0055	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Benzene [71-43-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Bromobenzene [108-86-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Bromochloromethane [74-97-5] ^	0.00045	U	mg/kg dry	1	0.00045	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Bromodichloromethane [75-27-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Bromoform [75-25-2] ^	0.00049	U	mg/kg dry	1	0.00049	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Bromomethane [74-83-9] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Carbon disulfide [75-15-0] ^	0.00043	U	mg/kg dry	1	0.00043	0.0055	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Chlorobenzene [108-90-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Chloroethane [75-00-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Chloroform [67-66-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Chloromethane [74-87-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Dibromochloromethane [124-48-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Dibromomethane [74-95-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00049	U	mg/kg dry	1	0.00049	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Ethylbenzene [100-41-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Isopropylbenzene [98-82-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00040	U	mg/kg dry	1	0.00040	0.0022	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Methylene Chloride [75-09-2] ^	0.00061	U	mg/kg dry	1	0.00061	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	

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Description:	Dup	**Lab Sample ID:**	C913275-13	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 00:00	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Naphthalene [91-20-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
n-Butyl Benzene [104-51-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
n-Propyl Benzene [103-65-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
o-Xylene [95-47-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
sec-Butylbenzene [135-98-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Styrene [100-42-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
tert-Butylbenzene [98-06-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Tetrachloroethene [127-18-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Toluene [108-88-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Trichloroethene [79-01-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Vinyl chloride [75-01-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	
Xylenes (Total) [1330-20-7] ^	0.00061	U	mg/kg dry	1	0.00061	0.0011	9K25011	EPA 8260B	11/25/09 20:33	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*61-118*	*9K25011*	*EPA 8260B*	*11/25/09 20:33*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*93 %*	*66-114*	*9K25011*	*EPA 8260B*	*11/25/09 20:33*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*63-118*	*9K25011*	*EPA 8260B*	*11/25/09 20:33*	*JKG*	

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Description:	Dup	**Lab Sample ID:**	C913275-13	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 00:00	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.038	U	mg/kg dry	1	0.038	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
2-Methylnaphthalene [91-57-6] ^	0.040	U	mg/kg dry	1	0.040	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Acenaphthene [83-32-9] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Acenaphthylene [208-96-8] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Anthracene [120-12-7] ^	0.036	U	mg/kg dry	1	0.036	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Benzo(a)anthracene [56-55-3] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Benzo(a)pyrene [50-32-8] ^	0.030	U	mg/kg dry	1	0.030	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.030	U	mg/kg dry	1	0.030	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.043	U	mg/kg dry	1	0.043	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.030	U	mg/kg dry	1	0.030	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Chrysene [218-01-9] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.045	U	mg/kg dry	1	0.045	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Fluoranthene [206-44-0] ^	0.047	U	mg/kg dry	1	0.047	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Fluorene [86-73-7] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.042	U	mg/kg dry	1	0.042	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Naphthalene [91-20-3] ^	0.027	U	mg/kg dry	1	0.027	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Phenanthrene [85-01-8] ^	0.028	U	mg/kg dry	1	0.028	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	
Pyrene [129-00-0] ^	0.052	U	mg/kg dry	1	0.052	0.36	9K25016	EPA 8270D	12/01/09 21:16	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Fluorobiphenyl	*1.5*	*1*	*1.82*	*81 %*	*56-120*	*9K25016*	*EPA 8270D*	*12/01/09 21:16*	*DFM*	
Nitrobenzene-d5	*1.4*	*1*	*1.82*	*78 %*	*50-117*	*9K25016*	*EPA 8270D*	*12/01/09 21:16*	*DFM*	
Terphenyl-d14	*2.1*	*1*	*1.82*	*118 %*	*36-151*	*9K25016*	*EPA 8270D*	*12/01/09 21:16*	*DFM*	

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Description:	Dup	**Lab Sample ID:**	C913275-13	**Received:**	11/24/09 10:00
Matrix:	Soil	**Sampled:**	11/23/09 00:00	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.5

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.164**	J	mg/kg dry	1	0.120	1.09	9L01012	EPA 6010C	12/02/09 12:43	JDH	
Arsenic [7440-38-2] ^	**0.873**		mg/kg dry	1	0.109	0.546	9L01012	EPA 6010C	12/02/09 12:43	JDH	
Beryllium [7440-41-7] ^	0.0131	U	mg/kg dry	1	0.0131	0.0546	9L01012	EPA 6010C	12/02/09 12:43	JDH	
Cadmium [7440-43-9] ^	0.0105	U	mg/kg dry	1	0.0105	0.0546	9L01012	EPA 6010C	12/02/09 12:43	JDH	
Chromium [7440-47-3] ^	**1.99**		mg/kg dry	1	0.109	0.546	9L01012	EPA 6010C	12/02/09 12:43	JDH	
Copper [7440-50-8] ^	**0.543**	J	mg/kg dry	1	0.208	0.546	9L01012	EPA 6010C	12/02/09 12:43	JDH	
Lead [7439-92-1] ^	**1.84**		mg/kg dry	1	0.131	0.546	9L01012	EPA 6010C	12/02/09 12:43	JDH	
Mercury [7439-97-6] ^	**0.0143**		mg/kg dry	1	0.00579	0.0109	9L01027	EPA 7471B	12/02/09 15:50	NLH	
Nickel [7440-02-0] ^	**0.883**	J	mg/kg dry	1	0.393	2.73	9L01012	EPA 6010C	12/02/09 12:43	JDH	
Selenium [7782-49-2] ^	**0.208**	JB	mg/kg dry	1	0.109	0.546	9L01012	EPA 6010C	12/02/09 12:43	JDH	J-01
Silver [7440-22-4] ^	0.109	U	mg/kg dry	1	0.109	0.546	9L01012	EPA 6010C	12/02/09 12:43	JDH	
Thallium [7440-28-0] ^	**0.193**	JB	mg/kg dry	1	0.109	0.546	9L01012	EPA 6010C	12/02/09 12:43	JDH	J-01
Zinc [7440-66-6] ^	**2.69**	J	mg/kg dry	1	1.20	2.73	9L01012	EPA 6010C	12/02/09 12:43	JDH	

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Description: Trip Blank
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C913275-14
Sampled: 11/23/09 13:25
Sampled By: ENCO

Received: 11/24/09 10:00
Work Order: C913275

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.25	U	ug/L	1	0.25	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,3-Dichloropropane [142-28-9] ^	0.32	U	ug/L	1	0.32	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
2,2-Dichloropropane [594-20-7] ^	0.55	U	ug/L	1	0.55	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.94	U	ug/L	1	0.94	5.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
4-Chlorotoluene [106-43-4] ^	0.25	U	ug/L	1	0.25	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
4-Isopropyltoluene [99-87-6] ^	0.26	U	ug/L	1	0.26	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Bromobenzene [108-86-1] ^	0.28	U	ug/L	1	0.28	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.38	U	ug/L	1	0.38	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	

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Description:	Trip Blank	**Lab Sample ID:**	C913275-14	**Received:**	11/24/09 10:00
Matrix:	Water	**Sampled:**	11/23/09 13:25	**Work Order:**	C913275
Project:	Wrightsville Avenue REC	**Sampled By:**	ENCO		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.38	U	ug/L	1	0.38	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Naphthalene [91-20-3] ^	0.39	U	ug/L	1	0.39	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
n-Propyl Benzene [103-65-1] ^	0.30	U	ug/L	1	0.30	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
sec-Butylbenzene [135-98-8] ^	0.24	U	ug/L	1	0.24	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
tert-Butylbenzene [98-06-6] ^	0.28	U	ug/L	1	0.28	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	9K24008	EPA 8260B	11/24/09 14:17	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*51-122*	*9K24008*	*EPA 8260B*	*11/24/09 14:17*	*JKG*	
Dibromofluoromethane	*42*	*1*	*50.0*	*83 %*	*68-117*	*9K24008*	*EPA 8260B*	*11/24/09 14:17*	*JKG*	
Toluene-d8	*43*	*1*	*50.0*	*85 %*	*69-110*	*9K24008*	*EPA 8260B*	*11/24/09 14:17*	*JKG*	

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QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24008 - EPA 5030B_MS

Blank (9K24008-BLK1) Prepared: 11/24/2009 08:52 Analyzed: 11/24/2009 10:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.40	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
1,1,2-Trichloroethane	0.37	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
1,1-Dichloroethene	0.24	U	1.0	ug/L							
1,1-Dichloropropene	0.32	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.25	U	1.0	ug/L							
1,2,3-Trichloropropane	0.55	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.36	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.20	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.42	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							
1,2-Dichloroethane	0.65	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.25	U	1.0	ug/L							
1,3-Dichlorobenzene	0.30	U	1.0	ug/L							
1,3-Dichloropropane	0.32	U	1.0	ug/L							
1,4-Dichlorobenzene	0.38	U	1.0	ug/L							
2,2-Dichloropropane	0.55	U	1.0	ug/L							
2-Butanone	1.0	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	0.94	U	5.0	ug/L							
2-Chlorotoluene	0.20	U	1.0	ug/L							
2-Hexanone	0.69	U	5.0	ug/L							
4-Chlorotoluene	0.25	U	1.0	ug/L							
4-Isopropyltoluene	0.26	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.5	U	5.0	ug/L							
Benzene	0.20	U	1.0	ug/L							
Bromobenzene	0.28	U	1.0	ug/L							
Bromochloromethane	0.42	U	1.0	ug/L							
Bromodichloromethane	0.37	U	1.0	ug/L							
Bromoform	0.71	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Carbon disulfide	0.54	U	5.0	ug/L							
Carbon tetrachloride	0.38	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
Chloromethane	0.34	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.36	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.28	U	1.0	ug/L							
Dibromochloromethane	0.32	U	1.0	ug/L							
Dibromomethane	0.37	U	1.0	ug/L							
Dichlorodifluoromethane	0.38	U	1.0	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
Hexachlorobutadiene	0.35	U	1.0	ug/L							
Isopropylbenzene	0.24	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24008 - EPA 5030B_MS

Blank (9K24008-BLK1) Continued Prepared: 11/24/2009 08:52 Analyzed: 11/24/2009 10:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
m,p-Xylenes	0.48	U	2.0	ug/L							
Methylene chloride	0.53	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.38	U	1.0	ug/L							
Naphthalene	0.39	U	1.0	ug/L							
n-Butyl Benzene	0.20	U	1.0	ug/L							
n-Propyl Benzene	0.30	U	1.0	ug/L							
o-Xylene	0.27	U	1.0	ug/L							
sec-Butylbenzene	0.24	U	1.0	ug/L							
Styrene	0.26	U	1.0	ug/L							
tert-Butylbenzene	0.28	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
Toluene	0.27	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.34	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.38	U	1.0	ug/L							
Trichloroethene	0.38	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*40*			*ug/L*	*50.0*		*81*	*51-122*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*82*	*68-117*			
Surrogate: Toluene-d8	*42*			*ug/L*	*50.0*		*85*	*69-110*			

LCS (9K24008-BS1) Prepared: 11/24/2009 08:52 Analyzed: 11/24/2009 11:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	21		1.0	ug/L	20.0		104	72-143			
1,1,2,2-Tetrachloroethane	20		1.0	ug/L	20.0		100	59-133			
1,1,2-Trichloroethane	20		1.0	ug/L	20.0		99	67-118			
1,1-Dichloroethane	20		1.0	ug/L	20.0		100	79-141			
1,1-Dichloroethene	19		1.0	ug/L	20.0		97	75-133			
1,1-Dichloropropene	21		1.0	ug/L	20.0		105	70-129			
1,2,3-Trichlorobenzene	21		1.0	ug/L	20.0		104	62-117			
1,2,3-Trichloropropane	18		1.0	ug/L	20.0		90	58-140			
1,2,4-Trichlorobenzene	21		1.0	ug/L	20.0		106	59-122			
1,2,4-Trimethylbenzene	21		1.0	ug/L	20.0		104	74-123			
1,2-Dibromoethane	20		1.0	ug/L	20.0		98	66-123			
1,2-Dichlorobenzene	21		1.0	ug/L	20.0		104	76-116			
1,2-Dichloroethane	19		1.0	ug/L	20.0		97	72-151			
1,2-Dichloropropane	21		1.0	ug/L	20.0		104	78-125			
1,3,5-Trimethylbenzene	21		1.0	ug/L	20.0		105	77-129			
1,3-Dichlorobenzene	21		1.0	ug/L	20.0		105	76-119			
1,3-Dichloropropane	20		1.0	ug/L	20.0		101	60-129			
1,4-Dichlorobenzene	21		1.0	ug/L	20.0		103	76-122			
2,2-Dichloropropane	31		1.0	ug/L	20.0		156	21-167			
2-Butanone	20		5.0	ug/L	20.0		99	36-135			
2-Chlorotoluene	21		1.0	ug/L	20.0		105	73-135			
2-Hexanone	21		5.0	ug/L	20.0		104	36-191			
4-Chlorotoluene	21		1.0	ug/L	20.0		107	76-134			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24008 - EPA 5030B_MS

LCS (9K24008-BS1) Continued Prepared: 11/24/2009 08:52 Analyzed: 11/24/2009 11:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4-Isopropyltoluene	21		1.0	ug/L	20.0		103	75-127			
4-Methyl-2-pentanone	21		5.0	ug/L	20.0		105	56-166			
Acetone	19		5.0	ug/L	20.0		96	10-158			
Benzene	21		1.0	ug/L	20.0		104	81-134			
Bromobenzene	20		1.0	ug/L	20.0		99	72-115			
Bromochloromethane	20		1.0	ug/L	20.0		101	74-128			
Bromodichloromethane	20		1.0	ug/L	20.0		101	72-129			
Bromoform	18		1.0	ug/L	20.0		90	73-119			
Bromomethane	16		1.0	ug/L	20.0		80	38-189			
Carbon tetrachloride	20		1.0	ug/L	20.0		101	68-142			
Chlorobenzene	20		1.0	ug/L	20.0		102	83-117			
Chloroethane	18		1.0	ug/L	20.0		90	45-213			
Chloroform	20		1.0	ug/L	20.0		101	78-138			
Chloromethane	16		1.0	ug/L	20.0		81	56-171			
cis-1,2-Dichloroethene	20		1.0	ug/L	20.0		99	69-120			
cis-1,3-Dichloropropene	23		1.0	ug/L	20.0		116	63-125			
Dibromochloromethane	20		1.0	ug/L	20.0		99	73-117			
Dichlorodifluoromethane	19		1.0	ug/L	20.0		96	25-161			
Ethylbenzene	20		1.0	ug/L	20.0		102	68-124			
Isopropylbenzene	20		1.0	ug/L	20.0		102	81-136			
Methylene chloride	19		1.0	ug/L	20.0		96	68-128			
Methyl-tert-Butyl Ether	19		1.0	ug/L	20.0		94	10-127			
Naphthalene	21		1.0	ug/L	20.0		105	50-127			
n-Butyl Benzene	22		1.0	ug/L	20.0		112	68-126			
n-Propyl Benzene	21		1.0	ug/L	20.0		105	76-125			
sec-Butylbenzene	21		1.0	ug/L	20.0		106	75-122			
Styrene	20		1.0	ug/L	20.0		101	78-120			
tert-Butylbenzene	21		1.0	ug/L	20.0		103	70-137			
Tetrachloroethene	21		1.0	ug/L	20.0		105	40-181			
Toluene	20		1.0	ug/L	20.0		99	71-118			
trans-1,2-Dichloroethene	20		1.0	ug/L	20.0		99	75-139			
trans-1,3-Dichloropropene	22		1.0	ug/L	20.0		112	62-152			
Trichloroethene	20		1.0	ug/L	20.0		102	75-115			
Trichlorofluoromethane	20		1.0	ug/L	20.0		100	68-183			
Vinyl chloride	22		1.0	ug/L	20.0		108	49-150			
Xylenes (Total)	63		1.0	ug/L	60.0		105	77-121			
Surrogate: 4-Bromofluorobenzene	*42*			*ug/L*	*50.0*		*84*	*51-122*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*82*	*68-117*			
Surrogate: Toluene-d8	*43*			*ug/L*	*50.0*		*87*	*69-110*			

Matrix Spike (9K24008-MS1) Prepared: 11/24/2009 08:52 Analyzed: 11/24/2009 11:49

Source: C913430-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	20		1.0	ug/L	20.0	0.27 U	102	72-143			
1,1,2,2-Tetrachloroethane	20		1.0	ug/L	20.0	0.33 U	99	59-133			
1,1,2-Trichloroethane	20		1.0	ug/L	20.0	0.37 U	99	67-118			
1,1-Dichloroethane	20		1.0	ug/L	20.0	0.33 U	99	79-141			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24008 - EPA 5030B_MS

Matrix Spike (9K24008-MS1) Continued Prepared: 11/24/2009 08:52 Analyzed: 11/24/2009 11:49

Source: C913430-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.24 U	96	75-133			
1,1-Dichloropropene	21		1.0	ug/L	20.0	0.32 U	103	70-129			
1,2,3-Trichlorobenzene	21		1.0	ug/L	20.0	0.25 U	105	62-117			
1,2,3-Trichloropropane	18		1.0	ug/L	20.0	0.55 U	91	58-140			
1,2,4-Trichlorobenzene	21		1.0	ug/L	20.0	0.36 U	104	59-122			
1,2,4-Trimethylbenzene	20		1.0	ug/L	20.0	0.20 U	102	74-123			
1,2-Dibromoethane	19		1.0	ug/L	20.0	0.42 U	93	66-123			
1,2-Dichlorobenzene	21		1.0	ug/L	20.0	0.27 U	103	76-116			
1,2-Dichloroethane	19		1.0	ug/L	20.0	0.65 U	96	72-151			
1,2-Dichloropropane	20		1.0	ug/L	20.0	0.20 U	101	78-125			
1,3,5-Trimethylbenzene	20		1.0	ug/L	20.0	0.25 U	102	77-129			
1,3-Dichlorobenzene	21		1.0	ug/L	20.0	0.30 U	103	76-119			
1,3-Dichloropropane	20		1.0	ug/L	20.0	0.32 U	99	60-129			
1,4-Dichlorobenzene	20		1.0	ug/L	20.0	0.38 U	102	76-122			
2,2-Dichloropropane	30		1.0	ug/L	20.0	0.55 U	149	21-167			
2-Butanone	20		5.0	ug/L	20.0	1.0 U	102	36-135			
2-Chlorotoluene	21		1.0	ug/L	20.0	0.20 U	104	73-135			
2-Hexanone	20		5.0	ug/L	20.0	0.69 U	100	36-191			
4-Chlorotoluene	21		1.0	ug/L	20.0	0.25 U	104	76-134			
4-Isopropyltoluene	20		1.0	ug/L	20.0	0.26 U	101	75-127			
4-Methyl-2-pentanone	20		5.0	ug/L	20.0	1.1 U	100	56-166			
Acetone	20		5.0	ug/L	20.0	1.5 U	101	10-158			
Benzene	20		1.0	ug/L	20.0	0.20 U	102	81-134			
Bromobenzene	20		1.0	ug/L	20.0	0.28 U	99	72-115			
Bromochloromethane	19		1.0	ug/L	20.0	0.42 U	96	74-128			
Bromodichloromethane	20		1.0	ug/L	20.0	0.37 U	98	72-129			
Bromoform	17		1.0	ug/L	20.0	0.71 U	86	73-119			
Bromomethane	15		1.0	ug/L	20.0	0.49 U	76	38-189			
Carbon tetrachloride	17		1.0	ug/L	20.0	0.38 U	87	68-142			
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	101	83-117			
Chloroethane	18		1.0	ug/L	20.0	0.30 U	90	45-213			
Chloroform	20		1.0	ug/L	20.0	0.20 U	101	78-138			
Chloromethane	16		1.0	ug/L	20.0	0.34 U	79	56-171			
cis-1,2-Dichloroethene	19		1.0	ug/L	20.0	0.36 U	97	69-120			
cis-1,3-Dichloropropene	21		1.0	ug/L	20.0	0.28 U	104	63-125			
Dibromochloromethane	19		1.0	ug/L	20.0	0.32 U	95	73-117			
Dichlorodifluoromethane	17		1.0	ug/L	20.0	0.38 U	87	25-161			
Ethylbenzene	20		1.0	ug/L	20.0	0.20 U	101	68-124			
Isopropylbenzene	20		1.0	ug/L	20.0	0.24 U	100	81-136			
Methylene chloride	19		1.0	ug/L	20.0	0.53 U	95	68-128			
Methyl-tert-Butyl Ether	19		1.0	ug/L	20.0	0.38 U	94	10-127			
Naphthalene	20		1.0	ug/L	20.0	0.39 U	101	50-127			
n-Butyl Benzene	22		1.0	ug/L	20.0	0.20 U	111	68-126			
n-Propyl Benzene	21		1.0	ug/L	20.0	0.30 U	105	76-125			
sec-Butylbenzene	21		1.0	ug/L	20.0	0.24 U	104	75-122			
Styrene	20		1.0	ug/L	20.0	0.26 U	99	73-120			
tert-Butylbenzene	20		1.0	ug/L	20.0	0.28 U	101	70-137			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24008 - EPA 5030B_MS

Matrix Spike (9K24008-MS1) Continued Prepared: 11/24/2009 08:52 Analyzed: 11/24/2009 11:49

Source: C913430-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Tetrachloroethene	21		1.0	ug/L	20.0	0.36 U	103	40-181			
Toluene	20		1.0	ug/L	20.0	0.27 U	99	71-118			
trans-1,2-Dichloroethene	19		1.0	ug/L	20.0	0.34 U	97	75-139			
trans-1,3-Dichloropropene	20		1.0	ug/L	20.0	0.38 U	102	62-152			
Trichloroethene	20		1.0	ug/L	20.0	0.38 U	100	75-115			
Trichlorofluoromethane	20		1.0	ug/L	20.0	0.28 U	100	68-183			
Vinyl chloride	21		1.0	ug/L	20.0	0.30 U	105	49-150			
Xylenes (Total)	63		1.0	ug/L	60.0	0.40 U	105	77-121			
Surrogate: 4-Bromofluorobenzene	*41*			*ug/L*	*50.0*		*83*	*51-122*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*82*	*68-117*			
Surrogate: Toluene-d8	*42*			*ug/L*	*50.0*		*85*	*69-110*			

Matrix Spike Dup (9K24008-MSD1) Prepared: 11/24/2009 08:52 Analyzed: 11/24/2009 12:18

Source: C913430-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	20		1.0	ug/L	20.0	0.27 U	99	72-143	2	18	
1,1,2,2-Tetrachloroethane	19		1.0	ug/L	20.0	0.33 U	96	59-133	3	16	
1,1,2-Trichloroethane	19		1.0	ug/L	20.0	0.37 U	97	67-118	2	18	
1,1-Dichloroethane	20		1.0	ug/L	20.0	0.33 U	99	79-141	0.4	19	
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.24 U	92	75-133	5	20	
1,1-Dichloropropene	20		1.0	ug/L	20.0	0.32 U	100	70-129	3	17	
1,2,3-Trichlorobenzene	21		1.0	ug/L	20.0	0.25 U	103	62-117	1	17	
1,2,3-Trichloropropane	18		1.0	ug/L	20.0	0.55 U	88	58-140	4	17	
1,2,4-Trichlorobenzene	21		1.0	ug/L	20.0	0.36 U	104	59-122	0.05	17	
1,2,4-Trimethylbenzene	20		1.0	ug/L	20.0	0.20 U	101	74-123	0.8	18	
1,2-Dibromoethane	19		1.0	ug/L	20.0	0.42 U	94	66-123	1	15	
1,2-Dichlorobenzene	20		1.0	ug/L	20.0	0.27 U	102	76-116	0.7	16	
1,2-Dichloroethane	21		1.0	ug/L	20.0	0.65 U	103	72-151	7	16	
1,2-Dichloropropane	21		1.0	ug/L	20.0	0.20 U	103	78-125	2	19	
1,3,5-Trimethylbenzene	20		1.0	ug/L	20.0	0.25 U	101	77-129	0.2	16	
1,3-Dichlorobenzene	21		1.0	ug/L	20.0	0.30 U	103	76-119	0.1	17	
1,3-Dichloropropane	20		1.0	ug/L	20.0	0.32 U	99	60-129	0.5	16	
1,4-Dichlorobenzene	20		1.0	ug/L	20.0	0.38 U	102	76-122	0.3	16	
2,2-Dichloropropane	29		1.0	ug/L	20.0	0.55 U	145	21-167	3	20	
2-Butanone	20		5.0	ug/L	20.0	1.0 U	99	36-135	3	19	
2-Chlorotoluene	21		1.0	ug/L	20.0	0.20 U	103	73-135	0.6	16	
2-Hexanone	20		5.0	ug/L	20.0	0.69 U	100	36-191	0.2	17	
4-Chlorotoluene	21		1.0	ug/L	20.0	0.25 U	104	76-134	0.2	16	
4-Isopropyltoluene	20		1.0	ug/L	20.0	0.26 U	100	75-127	0.3	17	
4-Methyl-2-pentanone	20		5.0	ug/L	20.0	1.1 U	101	56-166	1	19	
Acetone	20		5.0	ug/L	20.0	1.5 U	100	10-158	0.3	78	
Benzene	20		1.0	ug/L	20.0	0.20 U	102	81-134	0.3	17	
Bromobenzene	19		1.0	ug/L	20.0	0.28 U	97	72-115	2	17	
Bromochloromethane	20		1.0	ug/L	20.0	0.42 U	98	74-128	2	18	
Bromodichloromethane	20		1.0	ug/L	20.0	0.37 U	100	72-129	2	16	
Bromoform	18		1.0	ug/L	20.0	0.71 U	88	73-119	2	44	

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24008 - EPA 5030B_MS

Matrix Spike Dup (9K24008-MSD1) Continued Prepared: 11/24/2009 08:52 Analyzed: 11/24/2009 12:18

Source: C913430-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bromomethane	16		1.0	ug/L	20.0	0.49 U	81	38-189	7	27	
Carbon tetrachloride	19		1.0	ug/L	20.0	0.38 U	94	68-142	7	17	
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	99	83-117	2	16	
Chloroethane	17		1.0	ug/L	20.0	0.30 U	86	45-213	5	26	
Chloroform	20		1.0	ug/L	20.0	0.20 U	99	78-138	2	17	
Chloromethane	15		1.0	ug/L	20.0	0.34 U	74	56-171	6	28	
cis-1,2-Dichloroethene	19		1.0	ug/L	20.0	0.36 U	94	69-120	4	18	
cis-1,3-Dichloropropene	22		1.0	ug/L	20.0	0.28 U	110	63-125	6	17	
Dibromochloromethane	19		1.0	ug/L	20.0	0.32 U	96	73-117	0.9	16	
Dichlorodifluoromethane	17		1.0	ug/L	20.0	0.38 U	83	25-161	4	48	
Ethylbenzene	20		1.0	ug/L	20.0	0.20 U	99	68-124	2	16	
Isopropylbenzene	20		1.0	ug/L	20.0	0.24 U	98	81-136	3	16	
Methylene chloride	19		1.0	ug/L	20.0	0.53 U	93	68-128	2	17	
Methyl-tert-Butyl Ether	19		1.0	ug/L	20.0	0.38 U	93	10-127	0.6	21	
Naphthalene	21		1.0	ug/L	20.0	0.39 U	103	50-127	2	19	
n-Butyl Benzene	22		1.0	ug/L	20.0	0.20 U	109	68-126	2	15	
n-Propyl Benzene	20		1.0	ug/L	20.0	0.30 U	102	76-125	2	16	
sec-Butylbenzene	21		1.0	ug/L	20.0	0.24 U	104	75-122	0.6	17	
Styrene	20		1.0	ug/L	20.0	0.26 U	98	73-120	0.9	23	
tert-Butylbenzene	20		1.0	ug/L	20.0	0.28 U	98	70-137	3	22	
Tetrachloroethene	20		1.0	ug/L	20.0	0.36 U	100	40-181	3	26	
Toluene	19		1.0	ug/L	20.0	0.27 U	96	71-118	3	17	
trans-1,2-Dichloroethene	19		1.0	ug/L	20.0	0.34 U	94	75-139	3	19	
trans-1,3-Dichloropropene	21		1.0	ug/L	20.0	0.38 U	105	62-152	3	16	
Trichloroethene	20		1.0	ug/L	20.0	0.38 U	99	75-115	1	18	
Trichlorofluoromethane	20		1.0	ug/L	20.0	0.28 U	98	68-183	2	22	
Vinyl chloride	21		1.0	ug/L	20.0	0.30 U	104	49-150	0.6	27	
Xylenes (Total)	61		1.0	ug/L	60.0	0.40 U	102	77-121	3	16	
Surrogate: 4-Bromofluorobenzene	*40*			*ug/L*	*50.0*		*80*	*51-122*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*81*	*68-117*			
Surrogate: Toluene-d8	*43*			*ug/L*	*50.0*		*86*	*69-110*			

Batch 9K24015 - EPA 5035_MS

Blank (9K24015-BLK1) Prepared: 11/24/2009 10:04 Analyzed: 11/24/2009 12:08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24015 - EPA 5035_MS

Blank (9K24015-BLK1) Continued Prepared: 11/24/2009 10:04 Analyzed: 11/24/2009 12:08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							
m,p-Xylenes	0.00037	U	0.0020	mg/kg wet							
Methylene Chloride	0.00056	U	0.0010	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
o-Xylene	0.00022	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24015 - EPA 5035_MS

Blank (9K24015-BLK1) Continued Prepared: 11/24/2009 10:04 Analyzed: 11/24/2009 12:08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0010	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*91*	*61-118*			
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*92*	*66-114*			
Surrogate: Toluene-d8	*45*			*ug/L*	*50.0*		*91*	*63-118*			

LCS (9K24015-BS1) Prepared: 11/24/2009 10:04 Analyzed: 11/24/2009 12:37

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	22		1.0	ug/L	20.0		111	78-130			
1,1,2,2-Tetrachloroethane	18		1.0	ug/L	20.0		91	71-128			
1,1,2-Trichloroethane	18		1.0	ug/L	20.0		91	68-125			
1,1-Dichloroethane	21		1.0	ug/L	20.0		103	74-137			
1,1-Dichloroethene	22		1.0	ug/L	20.0		111	64-133			
1,1-Dichloropropene	21		1.0	ug/L	20.0		106	72-130			
1,2,3-Trichlorobenzene	15		1.0	ug/L	20.0		77	49-155			
1,2,3-Trichloropropane	19		1.0	ug/L	20.0		93	66-134			
1,2,4-Trichlorobenzene	15		1.0	ug/L	20.0		76	58-150			
1,2,4-Trimethylbenzene	21		1.0	ug/L	20.0		105	69-133			
1,2-Dibromoethane	18		1.0	ug/L	20.0		92	67-133			
1,2-Dichlorobenzene	18		1.0	ug/L	20.0		92	76-124			
1,2-Dichloroethane	24		1.0	ug/L	20.0		122	74-146			
1,2-Dichloropropane	20		1.0	ug/L	20.0		102	77-126			
1,3,5-Trimethylbenzene	21		1.0	ug/L	20.0		104	75-143			
1,3-Dichlorobenzene	19		1.0	ug/L	20.0		96	74-129			
1,3-Dichloropropane	19		1.0	ug/L	20.0		93	69-131			
1,4-Dichlorobenzene	19		1.0	ug/L	20.0		93	79-126			
2,2-Dichloropropane	21		1.0	ug/L	20.0		107	73-143			
2-Butanone	20		5.0	ug/L	20.0		102	32-163			
2-Chlorotoluene	21		1.0	ug/L	20.0		104	77-130			
2-Hexanone	17		5.0	ug/L	20.0		84	62-174			
4-Chlorotoluene	20		1.0	ug/L	20.0		100	79-129			
4-Isopropyltoluene	20		1.0	ug/L	20.0		102	72-139			
4-Methyl-2-pentanone	17		5.0	ug/L	20.0		86	73-184			
Acetone	27		5.0	ug/L	20.0		137	10-170			
Benzene	20		1.0	ug/L	20.0		102	79-129			
Bromobenzene	19		1.0	ug/L	20.0		97	70-133			
Bromochloromethane	19		1.0	ug/L	20.0		95	82-123			
Bromodichloromethane	21		1.0	ug/L	20.0		105	80-130			
Bromoform	18		1.0	ug/L	20.0		89	64-135			
Bromomethane	19		1.0	ug/L	20.0		94	28-182			
Carbon Tetrachloride	22		1.0	ug/L	20.0		112	74-133			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24015 - EPA 5035_MS

LCS (9K24015-BS1) Continued Prepared: 11/24/2009 10:04 Analyzed: 11/24/2009 12:37

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorobenzene	19		1.0	ug/L	20.0		94	79-121			
Chloroethane	20		1.0	ug/L	20.0		101	23-195			
Chloroform	21		1.0	ug/L	20.0		106	79-130			
Chloromethane	21		1.0	ug/L	20.0		106	19-195			
cis-1,2-Dichloroethene	19		1.0	ug/L	20.0		97	76-117			
cis-1,3-Dichloropropene	20		1.0	ug/L	20.0		100	78-131			
Dibromochloromethane	20		1.0	ug/L	20.0		99	67-133			
Dichlorodifluoromethane	21		1.0	ug/L	20.0		104	10-177			
Ethylbenzene	20		1.0	ug/L	20.0		98	75-126			
Isopropylbenzene	20		1.0	ug/L	20.0		99	79-148			
Methylene Chloride	22		1.0	ug/L	20.0		111	41-170			
Methyl-tert-Butyl Ether	18		1.0	ug/L	20.0		91	21-133			
Naphthalene	14		1.0	ug/L	20.0		69	44-161			
n-Butyl Benzene	21		1.0	ug/L	20.0		104	60-144			
n-Propyl Benzene	21		1.0	ug/L	20.0		105	73-129			
sec-Butylbenzene	21		1.0	ug/L	20.0		104	70-136			
Styrene	20		1.0	ug/L	20.0		100	71-139			
tert-Butylbenzene	21		1.0	ug/L	20.0		104	67-141			
Tetrachloroethene	19		1.0	ug/L	20.0		97	72-156			
Toluene	20		1.0	ug/L	20.0		101	77-120			
trans-1,2-Dichloroethene	22		1.0	ug/L	20.0		108	71-138			
trans-1,3-Dichloropropene	20		1.0	ug/L	20.0		98	75-145			
Trichloroethene	19		1.0	ug/L	20.0		97	78-118			
Trichlorofluoromethane	24		1.0	ug/L	20.0		118	55-164			
Vinyl chloride	23		1.0	ug/L	20.0		113	32-147			
Xylenes (Total)	61		1.0	ug/L	60.0		102	79-124			
Surrogate: 4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*88*	*61-118*			
Surrogate: Dibromofluoromethane	*45*			*ug/L*	*50.0*		*90*	*66-114*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*92*	*63-118*			

Matrix Spike (9K24015-MS1) Prepared: 11/24/2009 10:04 Analyzed: 11/24/2009 13:06

Source: C913430-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	23		1.0	ug/L	20.0	0.18 U	114	78-130			
1,1,2,2-Tetrachloroethane	19		1.0	ug/L	20.0	0.20 U	96	71-128			
1,1,2-Trichloroethane	19		1.0	ug/L	20.0	0.23 U	94	68-125			
1,1-Dichloroethane	22		1.0	ug/L	20.0	0.25 U	108	74-137			
1,1-Dichloroethene	23		1.0	ug/L	20.0	0.30 U	113	64-133			
1,1-Dichloropropene	22		1.0	ug/L	20.0	0.32 U	109	72-130			
1,2,3-Trichlorobenzene	17		1.0	ug/L	20.0	0.21 U	86	49-155			
1,2,3-Trichloropropane	19		1.0	ug/L	20.0	0.34 U	95	66-134			
1,2,4-Trichlorobenzene	17		1.0	ug/L	20.0	0.27 U	85	58-150			
1,2,4-Trimethylbenzene	22		1.0	ug/L	20.0	0.17 U	109	69-133			
1,2-Dibromoethane	19		1.0	ug/L	20.0	0.46 U	97	67-133			
1,2-Dichlorobenzene	20		1.0	ug/L	20.0	0.27 U	98	76-124			
1,2-Dichloroethane	24		1.0	ug/L	20.0	0.38 U	120	74-146			
1,2-Dichloropropane	21		1.0	ug/L	20.0	0.26 U	104	77-126			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24015 - EPA 5035_MS

Matrix Spike (9K24015-MS1) Continued Prepared: 11/24/2009 10:04 Analyzed: 11/24/2009 13:06

Source: C913430-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,3,5-Trimethylbenzene	22		1.0	ug/L	20.0	0.20 U	108	75-143			
1,3-Dichlorobenzene	20		1.0	ug/L	20.0	0.22 U	99	74-129			
1,3-Dichloropropane	20		1.0	ug/L	20.0	0.29 U	98	69-131			
1,4-Dichlorobenzene	20		1.0	ug/L	20.0	0.20 U	98	79-126			
2,2-Dichloropropane	22		1.0	ug/L	20.0	0.23 U	110	73-143			
2-Butanone	21		5.0	ug/L	20.0	0.78 U	103	32-163			
2-Chlorotoluene	21		1.0	ug/L	20.0	0.18 U	105	77-130			
2-Hexanone	18		5.0	ug/L	20.0	0.75 U	89	62-174			
4-Chlorotoluene	21		1.0	ug/L	20.0	0.26 U	104	79-129			
4-Isopropyltoluene	21		1.0	ug/L	20.0	0.16 U	106	72-139			
4-Methyl-2-pentanone	18		5.0	ug/L	20.0	0.57 U	90	73-184			
Acetone	26		5.0	ug/L	20.0	1.2 U	131	10-170			
Benzene	21		1.0	ug/L	20.0	0.17 U	104	79-129			
Bromobenzene	20		1.0	ug/L	20.0	0.22 U	100	70-133			
Bromochloromethane	20		1.0	ug/L	20.0	0.41 U	99	82-123			
Bromodichloromethane	22		1.0	ug/L	20.0	0.24 U	109	80-130			
Bromoform	18		1.0	ug/L	20.0	0.45 U	92	64-135			
Bromomethane	20		1.0	ug/L	20.0	0.23 U	100	28-182			
Carbon Tetrachloride	23		1.0	ug/L	20.0	0.22 U	115	74-133			
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	99	79-121			
Chloroethane	20		1.0	ug/L	20.0	0.25 U	101	23-195			
Chloroform	22		1.0	ug/L	20.0	0.17 U	110	79-130			
Chloromethane	22		1.0	ug/L	20.0	0.15 U	108	19-195			
cis-1,2-Dichloroethene	20		1.0	ug/L	20.0	0.23 U	102	76-117			
cis-1,3-Dichloropropene	21		1.0	ug/L	20.0	0.13 U	104	78-131			
Dibromochloromethane	21		1.0	ug/L	20.0	0.35 U	103	67-133			
Dichlorodifluoromethane	20		1.0	ug/L	20.0	0.45 U	102	10-177			
Ethylbenzene	20		1.0	ug/L	20.0	0.20 U	102	75-126			
Isopropylbenzene	21		1.0	ug/L	20.0	0.15 U	104	79-148			
Methylene Chloride	23		1.0	ug/L	20.0	0.56 U	114	41-170			
Methyl-tert-Butyl Ether	20		1.0	ug/L	20.0	0.30 U	98	21-133			
Naphthalene	16		1.0	ug/L	20.0	0.24 U	78	44-161			
n-Butyl Benzene	22		1.0	ug/L	20.0	0.22 U	109	60-144			
n-Propyl Benzene	22		1.0	ug/L	20.0	0.18 U	111	73-129			
sec-Butylbenzene	22		1.0	ug/L	20.0	0.22 U	109	70-136			
Styrene	21		1.0	ug/L	20.0	0.17 U	106	71-139			
tert-Butylbenzene	21		1.0	ug/L	20.0	0.16 U	107	67-141			
Tetrachloroethene	20		1.0	ug/L	20.0	0.28 U	99	72-156			
Toluene	21		1.0	ug/L	20.0	0.20 U	105	77-120			
trans-1,2-Dichloroethene	22		1.0	ug/L	20.0	0.37 U	111	71-138			
trans-1,3-Dichloropropene	21		1.0	ug/L	20.0	0.39 U	103	75-145			
Trichloroethene	20		1.0	ug/L	20.0	0.27 U	102	78-118			
Trichlorofluoromethane	23		1.0	ug/L	20.0	0.26 U	115	55-164			
Vinyl chloride	23		1.0	ug/L	20.0	0.24 U	115	32-147			
Xylenes (Total)	64		1.0	ug/L	60.0	0.56 U	107	79-124			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*61-118*			
Surrogate: Dibromofluoromethane	*45*			*ug/L*	*50.0*		*91*	*66-114*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24015 - EPA 5035_MS

Matrix Spike (9K24015-MS1) Continued Prepared: 11/24/2009 10:04 Analyzed: 11/24/2009 13:06

Source: C913430-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*63-118*			

Matrix Spike Dup (9K24015-MSD1) Prepared: 11/24/2009 10:04 Analyzed: 11/24/2009 13:35

Source: C913430-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	22		1.0	ug/L	20.0	0.18 U	108	78-130	5	26	
1,1,2,2-Tetrachloroethane	18		1.0	ug/L	20.0	0.20 U	91	71-128	5	26	
1,1,2-Trichloroethane	19		1.0	ug/L	20.0	0.23 U	95	68-125	0.1	22	
1,1-Dichloroethane	21		1.0	ug/L	20.0	0.25 U	103	74-137	5	25	
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.30 U	109	64-133	3	23	
1,1-Dichloropropene	21		1.0	ug/L	20.0	0.32 U	104	72-130	5	26	
1,2,3-Trichlorobenzene	17		1.0	ug/L	20.0	0.21 U	84	49-155	3	21	
1,2,3-Trichloropropane	19		1.0	ug/L	20.0	0.34 U	94	66-134	2	28	
1,2,4-Trichlorobenzene	16		1.0	ug/L	20.0	0.27 U	81	58-150	5	19	
1,2,4-Trimethylbenzene	21		1.0	ug/L	20.0	0.17 U	104	69-133	5	22	
1,2-Dibromoethane	19		1.0	ug/L	20.0	0.46 U	94	67-133	4	23	
1,2-Dichlorobenzene	19		1.0	ug/L	20.0	0.27 U	94	76-124	4	19	
1,2-Dichloroethane	23		1.0	ug/L	20.0	0.38 U	117	74-146	2	22	
1,2-Dichloropropane	20		1.0	ug/L	20.0	0.26 U	100	77-126	4	25	
1,3,5-Trimethylbenzene	21		1.0	ug/L	20.0	0.20 U	103	75-143	5	23	
1,3-Dichlorobenzene	19		1.0	ug/L	20.0	0.22 U	94	74-129	5	21	
1,3-Dichloropropane	19		1.0	ug/L	20.0	0.29 U	94	69-131	4	24	
1,4-Dichlorobenzene	18		1.0	ug/L	20.0	0.20 U	91	79-126	7	21	
2,2-Dichloropropane	21		1.0	ug/L	20.0	0.23 U	104	73-143	5	26	
2-Butanone	20		5.0	ug/L	20.0	0.78 U	98	32-163	5	29	
2-Chlorotoluene	21		1.0	ug/L	20.0	0.18 U	103	77-130	3	23	
2-Hexanone	18		5.0	ug/L	20.0	0.75 U	88	62-174	2	30	
4-Chlorotoluene	20		1.0	ug/L	20.0	0.26 U	100	79-129	3	23	
4-Isopropyltoluene	20		1.0	ug/L	20.0	0.16 U	102	72-139	4	20	
4-Methyl-2-pentanone	18		5.0	ug/L	20.0	0.57 U	90	73-184	0.3	32	
Acetone	25		5.0	ug/L	20.0	1.2 U	126	10-170	4	48	
Benzene	20		1.0	ug/L	20.0	0.17 U	100	79-129	4	23	
Bromobenzene	19		1.0	ug/L	20.0	0.22 U	93	70-133	7	25	
Bromochloromethane	19		1.0	ug/L	20.0	0.41 U	96	82-123	3	29	
Bromodichloromethane	21		1.0	ug/L	20.0	0.24 U	107	80-130	2	25	
Bromoform	18		1.0	ug/L	20.0	0.45 U	91	64-135	1	30	
Bromomethane	20		1.0	ug/L	20.0	0.23 U	100	28-182	0.3	30	
Carbon Tetrachloride	22		1.0	ug/L	20.0	0.22 U	109	74-133	5	25	
Chlorobenzene	18		1.0	ug/L	20.0	0.17 U	92	79-121	6	25	
Chloroethane	19		1.0	ug/L	20.0	0.25 U	93	23-195	8	27	
Chloroform	21		1.0	ug/L	20.0	0.17 U	103	79-130	6	24	
Chloromethane	20		1.0	ug/L	20.0	0.15 U	101	19-195	7	25	
cis-1,2-Dichloroethene	19		1.0	ug/L	20.0	0.23 U	96	76-117	6	24	
cis-1,3-Dichloropropene	20		1.0	ug/L	20.0	0.13 U	98	78-131	6	27	
Dibromochloromethane	20		1.0	ug/L	20.0	0.35 U	100	67-133	3	23	
Dichlorodifluoromethane	19		1.0	ug/L	20.0	0.45 U	95	10-177	6	26	

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K24015 - EPA 5035_MS

Matrix Spike Dup (9K24015-MSD1) Continued Prepared: 11/24/2009 10:04 Analyzed: 11/24/2009 13:35

Source: C913430-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ethylbenzene	19		1.0	ug/L	20.0	0.20 U	97	75-126	6	25	
Isopropylbenzene	20		1.0	ug/L	20.0	0.15 U	98	79-148	6	23	
Methylene Chloride	22		1.0	ug/L	20.0	0.56 U	109	41-170	5	33	
Methyl-tert-Butyl Ether	19		1.0	ug/L	20.0	0.30 U	95	21-133	3	28	
Naphthalene	16		1.0	ug/L	20.0	0.24 U	78	44-161	0.06	21	
n-Butyl Benzene	21		1.0	ug/L	20.0	0.22 U	103	60-144	5	22	
n-Propyl Benzene	20		1.0	ug/L	20.0	0.18 U	102	73-129	8	23	
sec-Butylbenzene	21		1.0	ug/L	20.0	0.22 U	105	70-136	4	20	
Styrene	20		1.0	ug/L	20.0	0.17 U	99	71-139	7	23	
tert-Butylbenzene	21		1.0	ug/L	20.0	0.16 U	103	67-141	4	28	
Tetrachloroethene	18		1.0	ug/L	20.0	0.28 U	91	72-156	8	24	
Toluene	20		1.0	ug/L	20.0	0.20 U	100	77-120	5	23	
trans-1,2-Dichloroethene	21		1.0	ug/L	20.0	0.37 U	104	71-138	6	24	
trans-1,3-Dichloropropene	20		1.0	ug/L	20.0	0.39 U	101	75-145	3	25	
Trichloroethene	19		1.0	ug/L	20.0	0.27 U	96	78-118	6	24	
Trichlorofluoromethane	22		1.0	ug/L	20.0	0.26 U	111	55-164	4	24	
Vinyl chloride	22		1.0	ug/L	20.0	0.24 U	108	32-147	6	26	
Xylenes (Total)	60		1.0	ug/L	60.0	0.56 U	100	79-124	6	23	
Surrogate: 4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*88*	*61-118*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*89*	*66-114*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*92*	*63-118*			

Batch 9K25011 - EPA 5035_MS

Blank (9K25011-BLK1) Prepared: 11/25/2009 10:03 Analyzed: 11/25/2009 12:54

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K25011 - EPA 5035_MS

Blank (9K25011-BLK1) Continued Prepared: 11/25/2009 10:03 Analyzed: 11/25/2009 12:54

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							
m,p-Xylenes	0.00037	U	0.0020	mg/kg wet							
Methylene Chloride	0.00056	U	0.0010	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
o-Xylene	0.00022	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0010	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*61-118*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K25011 - EPA 5035_MS

Blank (9K25011-BLK1) Continued Prepared: 11/25/2009 10:03 Analyzed: 11/25/2009 12:54

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*66-114*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*92*	*63-118*			

LCS (9K25011-BS1) Prepared: 11/25/2009 10:03 Analyzed: 11/25/2009 14:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	23		1.0	ug/L	20.0		117	78-130			
1,1,2,2-Tetrachloroethane	20		1.0	ug/L	20.0		98	71-128			
1,1,2-Trichloroethane	19		1.0	ug/L	20.0		97	68-125			
1,1-Dichloroethane	22		1.0	ug/L	20.0		108	74-137			
1,1-Dichloroethene	23		1.0	ug/L	20.0		114	64-133			
1,1-Dichloropropene	22		1.0	ug/L	20.0		110	72-130			
1,2,3-Trichlorobenzene	18		1.0	ug/L	20.0		92	49-155			
1,2,3-Trichloropropane	20		1.0	ug/L	20.0		100	66-134			
1,2,4-Trichlorobenzene	18		1.0	ug/L	20.0		90	58-150			
1,2,4-Trimethylbenzene	22		1.0	ug/L	20.0		109	69-133			
1,2-Dibromoethane	20		1.0	ug/L	20.0		100	67-133			
1,2-Dichlorobenzene	20		1.0	ug/L	20.0		98	76-124			
1,2-Dichloroethane	26		1.0	ug/L	20.0		128	74-146			
1,2-Dichloropropane	21		1.0	ug/L	20.0		105	77-126			
1,3,5-Trimethylbenzene	22		1.0	ug/L	20.0		109	75-143			
1,3-Dichlorobenzene	20		1.0	ug/L	20.0		99	74-129			
1,3-Dichloropropane	20		1.0	ug/L	20.0		101	69-131			
1,4-Dichlorobenzene	19		1.0	ug/L	20.0		97	79-126			
2,2-Dichloropropane	23		1.0	ug/L	20.0		114	73-143			
2-Butanone	21		5.0	ug/L	20.0		106	32-163			
2-Chlorotoluene	21		1.0	ug/L	20.0		107	77-130			
2-Hexanone	19		5.0	ug/L	20.0		97	62-174			
4-Chlorotoluene	21		1.0	ug/L	20.0		105	79-129			
4-Isopropyltoluene	22		1.0	ug/L	20.0		108	72-139			
4-Methyl-2-pentanone	20		5.0	ug/L	20.0		98	73-184			
Acetone	28		5.0	ug/L	20.0		138	10-170			
Benzene	21		1.0	ug/L	20.0		105	79-129			
Bromobenzene	20		1.0	ug/L	20.0		102	70-133			
Bromochloromethane	20		1.0	ug/L	20.0		98	82-123			
Bromodichloromethane	22		1.0	ug/L	20.0		112	80-130			
Bromoform	20		1.0	ug/L	20.0		99	64-135			
Bromomethane	22		1.0	ug/L	20.0		108	28-182			
Carbon Tetrachloride	23		1.0	ug/L	20.0		116	74-133			
Chlorobenzene	20		1.0	ug/L	20.0		99	79-121			
Chloroethane	21		1.0	ug/L	20.0		107	23-195			
Chloroform	22		1.0	ug/L	20.0		109	79-130			
Chloromethane	22		1.0	ug/L	20.0		111	19-195			
cis-1,2-Dichloroethene	20		1.0	ug/L	20.0		99	76-117			
cis-1,3-Dichloropropene	21		1.0	ug/L	20.0		107	78-131			
Dibromochloromethane	21		1.0	ug/L	20.0		104	67-133			
Dichlorodifluoromethane	27		1.0	ug/L	20.0		134	10-177			
Ethylbenzene	21		1.0	ug/L	20.0		105	75-126			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K25011 - EPA 5035_MS

LCS (9K25011-BS1) Continued Prepared: 11/25/2009 10:03 Analyzed: 11/25/2009 14:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Isopropylbenzene	21		1.0	ug/L	20.0		107	79-148			
Methylene Chloride	24		1.0	ug/L	20.0		119	41-170			
Methyl-tert-Butyl Ether	20		1.0	ug/L	20.0		99	21-133			
Naphthalene	17		1.0	ug/L	20.0		84	44-161			
n-Butyl Benzene	22		1.0	ug/L	20.0		111	60-144			
n-Propyl Benzene	23		1.0	ug/L	20.0		113	73-129			
sec-Butylbenzene	22		1.0	ug/L	20.0		110	70-136			
Styrene	21		1.0	ug/L	20.0		107	71-139			
tert-Butylbenzene	21		1.0	ug/L	20.0		106	67-141			
Tetrachloroethene	20		1.0	ug/L	20.0		101	72-156			
Toluene	21		1.0	ug/L	20.0		106	77-120			
trans-1,2-Dichloroethene	22		1.0	ug/L	20.0		110	71-138			
trans-1,3-Dichloropropene	22		1.0	ug/L	20.0		108	75-145			
Trichloroethene	20		1.0	ug/L	20.0		102	78-118			
Trichlorofluoromethane	25		1.0	ug/L	20.0		127	55-164			
Vinyl chloride	25		1.0	ug/L	20.0		123	32-147			
Xylenes (Total)	66		1.0	ug/L	60.0		109	79-124			
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*95*	*61-118*			
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*92*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*63-118*			

Matrix Spike (9K25011-MS1) Prepared: 11/25/2009 10:03 Analyzed: 11/25/2009 14:46

Source: C913493-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	22		1.0	ug/L	20.0	0.18 U	112	78-130			
1,1,2,2-Tetrachloroethane	19		1.0	ug/L	20.0	0.20 U	94	71-128			
1,1,2-Trichloroethane	19		1.0	ug/L	20.0	0.23 U	96	68-125			
1,1-Dichloroethane	21		1.0	ug/L	20.0	0.25 U	104	74-137			
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.30 U	110	64-133			
1,1-Dichloropropene	21		1.0	ug/L	20.0	0.32 U	104	72-130			
1,2,3-Trichlorobenzene	18		1.0	ug/L	20.0	0.21 U	89	49-155			
1,2,3-Trichloropropane	18		1.0	ug/L	20.0	0.34 U	92	66-134			
1,2,4-Trichlorobenzene	17		1.0	ug/L	20.0	0.27 U	86	58-150			
1,2,4-Trimethylbenzene	22		1.0	ug/L	20.0	0.17 U	109	69-133			
1,2-Dibromoethane	19		1.0	ug/L	20.0	0.46 U	94	67-133			
1,2-Dichlorobenzene	20		1.0	ug/L	20.0	0.27 U	98	76-124			
1,2-Dichloroethane	25		1.0	ug/L	20.0	0.38 U	124	74-146			
1,2-Dichloropropane	21		1.0	ug/L	20.0	0.26 U	104	77-126			
1,3,5-Trimethylbenzene	22		1.0	ug/L	20.0	0.20 U	109	75-143			
1,3-Dichlorobenzene	20		1.0	ug/L	20.0	0.22 U	99	74-129			
1,3-Dichloropropane	19		1.0	ug/L	20.0	0.29 U	97	69-131			
1,4-Dichlorobenzene	19		1.0	ug/L	20.0	0.20 U	96	79-126			
2,2-Dichloropropane	22		1.0	ug/L	20.0	0.23 U	108	73-143			
2-Butanone	21		5.0	ug/L	20.0	0.78 U	104	32-163			
2-Chlorotoluene	22		1.0	ug/L	20.0	0.18 U	108	77-130			
2-Hexanone	18		5.0	ug/L	20.0	0.75 U	89	62-174			
4-Chlorotoluene	21		1.0	ug/L	20.0	0.26 U	104	79-129			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K25011 - EPA 5035_MS

Matrix Spike (9K25011-MS1) Continued Prepared: 11/25/2009 10:03 Analyzed: 11/25/2009 14:46

Source: C913493-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4-Isopropyltoluene	21		1.0	ug/L	20.0	0.16 U	106	72-139			
4-Methyl-2-pentanone	19		5.0	ug/L	20.0	0.57 U	93	73-184			
Acetone	25		5.0	ug/L	20.0	1.2 U	123	10-170			
Benzene	20		1.0	ug/L	20.0	0.17 U	102	79-129			
Bromobenzene	20		1.0	ug/L	20.0	0.22 U	99	70-133			
Bromochloromethane	19		1.0	ug/L	20.0	0.41 U	95	82-123			
Bromodichloromethane	22		1.0	ug/L	20.0	0.24 U	109	80-130			
Bromoform	19		1.0	ug/L	20.0	0.45 U	93	64-135			
Bromomethane	21		1.0	ug/L	20.0	0.23 U	104	28-182			
Carbon Tetrachloride	22		1.0	ug/L	20.0	0.22 U	110	74-133			
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	94	79-121			
Chloroethane	20		1.0	ug/L	20.0	0.25 U	100	23-195			
Chloroform	22		1.0	ug/L	20.0	0.17 U	109	79-130			
Chloromethane	22		1.0	ug/L	20.0	0.15 U	112	19-195			
cis-1,2-Dichloroethene	19		1.0	ug/L	20.0	0.23 U	96	76-117			
cis-1,3-Dichloropropene	21		1.0	ug/L	20.0	0.13 U	103	78-131			
Dibromochloromethane	20		1.0	ug/L	20.0	0.35 U	100	67-133			
Dichlorodifluoromethane	25		1.0	ug/L	20.0	0.45 U	126	10-177			
Ethylbenzene	20		1.0	ug/L	20.0	0.20 U	100	75-126			
Isopropylbenzene	21		1.0	ug/L	20.0	0.15 U	103	79-148			
Methylene Chloride	23		1.0	ug/L	20.0	0.56 U	116	41-170			
Methyl-tert-Butyl Ether	19		1.0	ug/L	20.0	0.30 U	93	21-133			
Naphthalene	16		1.0	ug/L	20.0	0.24 U	79	44-161			
n-Butyl Benzene	22		1.0	ug/L	20.0	0.22 U	108	60-144			
n-Propyl Benzene	22		1.0	ug/L	20.0	0.18 U	108	73-129			
sec-Butylbenzene	22		1.0	ug/L	20.0	0.22 U	108	70-136			
Styrene	21		1.0	ug/L	20.0	0.17 U	103	71-139			
tert-Butylbenzene	21		1.0	ug/L	20.0	0.16 U	105	67-141			
Tetrachloroethene	19		1.0	ug/L	20.0	0.28 U	95	72-156			
Toluene	20		1.0	ug/L	20.0	0.20 U	101	77-120			
trans-1,2-Dichloroethene	22		1.0	ug/L	20.0	0.37 U	110	71-138			
trans-1,3-Dichloropropene	20		1.0	ug/L	20.0	0.39 U	101	75-145			
Trichloroethene	20		1.0	ug/L	20.0	0.27 U	100	78-118			
Trichlorofluoromethane	23		1.0	ug/L	20.0	0.26 U	117	55-164			
Vinyl chloride	24		1.0	ug/L	20.0	0.24 U	120	32-147			
Xylenes (Total)	63		1.0	ug/L	60.0	0.56 U	105	79-124			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*61-118*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*88*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*63-118*			

Matrix Spike Dup (9K25011-MSD1) Prepared: 11/25/2009 10:03 Analyzed: 11/25/2009 15:15

Source: C913493-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	22		1.0	ug/L	20.0	0.18 U	111	78-130	0.9	26	
1,1,2,2-Tetrachloroethane	19		1.0	ug/L	20.0	0.20 U	97	71-128	3	26	
1,1,2-Trichloroethane	19		1.0	ug/L	20.0	0.23 U	96	68-125	0.4	22	

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K25011 - EPA 5035_MS

Matrix Spike Dup (9K25011-MSD1) Continued Prepared: 11/25/2009 10:03 Analyzed: 11/25/2009 15:15

Source: C913493-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethane	21		1.0	ug/L	20.0	0.25 U	105	74-137	0.7	25	
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.30 U	109	64-133	1	23	
1,1-Dichloropropene	21		1.0	ug/L	20.0	0.32 U	105	72-130	0.8	26	
1,2,3-Trichlorobenzene	18		1.0	ug/L	20.0	0.21 U	88	49-155	2	21	
1,2,3-Trichloropropane	20		1.0	ug/L	20.0	0.34 U	98	66-134	7	28	
1,2,4-Trichlorobenzene	17		1.0	ug/L	20.0	0.27 U	86	58-150	0.2	19	
1,2,4-Trimethylbenzene	21		1.0	ug/L	20.0	0.17 U	106	69-133	3	22	
1,2-Dibromoethane	20		1.0	ug/L	20.0	0.46 U	98	67-133	4	23	
1,2-Dichlorobenzene	19		1.0	ug/L	20.0	0.27 U	94	76-124	4	19	
1,2-Dichloroethane	25		1.0	ug/L	20.0	0.38 U	123	74-146	0.6	22	
1,2-Dichloropropane	21		1.0	ug/L	20.0	0.26 U	103	77-126	1	25	
1,3,5-Trimethylbenzene	21		1.0	ug/L	20.0	0.20 U	106	75-143	3	23	
1,3-Dichlorobenzene	19		1.0	ug/L	20.0	0.22 U	95	74-129	5	21	
1,3-Dichloropropane	20		1.0	ug/L	20.0	0.29 U	100	69-131	4	24	
1,4-Dichlorobenzene	19		1.0	ug/L	20.0	0.20 U	94	79-126	2	21	
2,2-Dichloropropane	21		1.0	ug/L	20.0	0.23 U	106	73-143	2	26	
2-Butanone	22		5.0	ug/L	20.0	0.78 U	109	32-163	5	29	
2-Chlorotoluene	21		1.0	ug/L	20.0	0.18 U	105	77-130	3	23	
2-Hexanone	20		5.0	ug/L	20.0	0.75 U	99	62-174	11	30	
4-Chlorotoluene	20		1.0	ug/L	20.0	0.26 U	102	79-129	2	23	
4-Isopropyltoluene	21		1.0	ug/L	20.0	0.16 U	103	72-139	3	20	
4-Methyl-2-pentanone	21		5.0	ug/L	20.0	0.57 U	103	73-184	10	32	
Acetone	28		5.0	ug/L	20.0	1.2 U	138	10-170	11	48	
Benzene	20		1.0	ug/L	20.0	0.17 U	98	79-129	3	23	
Bromobenzene	19		1.0	ug/L	20.0	0.22 U	95	70-133	4	25	
Bromochloromethane	19		1.0	ug/L	20.0	0.41 U	96	82-123	0.4	29	
Bromodichloromethane	22		1.0	ug/L	20.0	0.24 U	109	80-130	0.1	25	
Bromoform	19		1.0	ug/L	20.0	0.45 U	96	64-135	3	30	
Bromomethane	21		1.0	ug/L	20.0	0.23 U	104	28-182	0.2	30	
Carbon Tetrachloride	22		1.0	ug/L	20.0	0.22 U	108	74-133	2	25	
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	93	79-121	1	25	
Chloroethane	19		1.0	ug/L	20.0	0.25 U	97	23-195	3	27	
Chloroform	21		1.0	ug/L	20.0	0.17 U	107	79-130	2	24	
Chloromethane	22		1.0	ug/L	20.0	0.15 U	108	19-195	3	25	
cis-1,2-Dichloroethene	19		1.0	ug/L	20.0	0.23 U	95	76-117	1	24	
cis-1,3-Dichloropropene	21		1.0	ug/L	20.0	0.13 U	104	78-131	0.7	27	
Dibromochloromethane	21		1.0	ug/L	20.0	0.35 U	104	67-133	4	23	
Dichlorodifluoromethane	25		1.0	ug/L	20.0	0.45 U	127	10-177	0.4	26	
Ethylbenzene	20		1.0	ug/L	20.0	0.20 U	100	75-126	0.2	25	
Isopropylbenzene	20		1.0	ug/L	20.0	0.15 U	100	79-148	3	23	
Methylene Chloride	23		1.0	ug/L	20.0	0.56 U	114	41-170	2	33	
Methyl-tert-Butyl Ether	20		1.0	ug/L	20.0	0.30 U	99	21-133	7	28	
Naphthalene	17		1.0	ug/L	20.0	0.24 U	83	44-161	5	21	
n-Butyl Benzene	21		1.0	ug/L	20.0	0.22 U	103	60-144	4	22	
n-Propyl Benzene	21		1.0	ug/L	20.0	0.18 U	104	73-129	4	23	
sec-Butylbenzene	21		1.0	ug/L	20.0	0.22 U	104	70-136	4	20	
Styrene	20		1.0	ug/L	20.0	0.17 U	100	71-139	3	23	

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9K25011 - EPA 5035_MS

Matrix Spike Dup (9K25011-MSD1) Continued Prepared: 11/25/2009 10:03 Analyzed: 11/25/2009 15:15

Source: C913493-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
tert-Butylbenzene	21		1.0	ug/L	20.0	0.16 U	103	67-141	2	28	
Tetrachloroethene	19		1.0	ug/L	20.0	0.28 U	95	72-156	0.7	24	
Toluene	20		1.0	ug/L	20.0	0.20 U	100	77-120	2	23	
trans-1,2-Dichloroethene	21		1.0	ug/L	20.0	0.37 U	107	71-138	3	24	
trans-1,3-Dichloropropene	21		1.0	ug/L	20.0	0.39 U	106	75-145	5	25	
Trichloroethene	19		1.0	ug/L	20.0	0.27 U	96	78-118	3	24	
Trichlorofluoromethane	23		1.0	ug/L	20.0	0.26 U	117	55-164	0	24	
Vinyl chloride	23		1.0	ug/L	20.0	0.24 U	116	32-147	4	26	
Xylenes (Total)	61		1.0	ug/L	60.0	0.56 U	102	79-124	2	23	
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*93*	*61-118*			
Surrogate: Dibromofluoromethane	*45*			*ug/L*	*50.0*		*91*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*63-118*			

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9K25016 - EPA 3550C_MS

Blank (9K25016-BLK1) Prepared: 11/25/2009 11:51 Analyzed: 12/01/2009 15:13

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1-Methylnaphthalene	0.035	U	0.33	mg/kg wet							
2-Methylnaphthalene	0.037	U	0.33	mg/kg wet							
Acenaphthene	0.025	U	0.33	mg/kg wet							
Acenaphthylene	0.025	U	0.33	mg/kg wet							
Anthracene	0.033	U	0.33	mg/kg wet							
Benzo(a)anthracene	0.025	U	0.33	mg/kg wet							
Benzo(a)pyrene	0.027	U	0.33	mg/kg wet							
Benzo(b)fluoranthene	0.027	U	0.33	mg/kg wet							
Benzo(g,h,i)perylene	0.039	U	0.33	mg/kg wet							
Benzo(k)fluoranthene	0.027	U	0.33	mg/kg wet							
Chrysene	0.025	U	0.33	mg/kg wet							
Dibenzo(a,h)anthracene	0.041	U	0.33	mg/kg wet							
Fluoranthene	0.043	U	0.33	mg/kg wet							
Fluorene	0.025	U	0.33	mg/kg wet							
Indeno(1,2,3-cd)pyrene	0.038	U	0.33	mg/kg wet							
Naphthalene	0.025	U	0.33	mg/kg wet							
Phenanthrene	0.026	U	0.33	mg/kg wet							
Pyrene	0.048	U	0.33	mg/kg wet							
Surrogate: 2-Fluorobiphenyl	*1.5*			*mg/kg wet*	*1.67*		*89*	*56-120*			
Surrogate: Nitrobenzene-d5	*1.5*			*mg/kg wet*	*1.67*		*88*	*50-117*			
Surrogate: Terphenyl-d14	*1.9*			*mg/kg wet*	*1.67*		*111*	*36-151*			

LCS (9K25016-BS1) Prepared: 11/25/2009 11:51 Analyzed: 12/01/2009 15:46

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	1.5		0.33	mg/kg wet	1.67		91	64-131			
Pyrene	1.7		0.33	mg/kg wet	1.67		101	65-146			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9K25016 - EPA 3550C_MS

LCS (9K25016-BS1) Continued Prepared: 11/25/2009 11:51 Analyzed: 12/01/2009 15:46

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 2-Fluorobiphenyl	*1.5*			*mg/kg wet*	*1.67*		*92*	*56-120*			
Surrogate: Nitrobenzene-d5	*1.4*			*mg/kg wet*	*1.67*		*85*	*50-117*			
Surrogate: Terphenyl-d14	*1.8*			*mg/kg wet*	*1.67*		*107*	*36-151*			

Matrix Spike (9K25016-MS1) Prepared: 11/25/2009 11:51 Analyzed: 12/01/2009 17:26

Source: C913275-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	1.8		0.38	mg/kg dry	1.92	0.029 U	95	64-131			
Pyrene	2.4		0.38	mg/kg dry	1.92	0.055 U	126	65-146			
Surrogate: 2-Fluorobiphenyl	*1.6*			*mg/kg dry*	*1.92*		*85*	*56-120*			
Surrogate: Nitrobenzene-d5	*1.6*			*mg/kg dry*	*1.92*		*85*	*50-117*			
Surrogate: Terphenyl-d14	*2.5*			*mg/kg dry*	*1.92*		*130*	*36-151*			

Matrix Spike Dup (9K25016-MSD1) Prepared: 11/25/2009 11:51 Analyzed: 12/01/2009 17:58

Source: C913275-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	1.8		0.38	mg/kg dry	1.92	0.029 U	93	64-131	2	19	
Pyrene	2.1		0.38	mg/kg dry	1.92	0.055 U	109	65-146	14	50	
Surrogate: 2-Fluorobiphenyl	*1.7*			*mg/kg dry*	*1.92*		*86*	*56-120*			
Surrogate: Nitrobenzene-d5	*1.6*			*mg/kg dry*	*1.92*		*81*	*50-117*			
Surrogate: Terphenyl-d14	*2.2*			*mg/kg dry*	*1.92*		*117*	*36-151*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9L01012 - EPA 3050B

Blank (9L01012-BLK1) Prepared: 12/01/2009 09:36 Analyzed: 12/02/2009 11:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.110	U	1.00	mg/kg wet							
Arsenic	0.100	U	0.500	mg/kg wet							
Beryllium	0.0120	U	0.0500	mg/kg wet							
Cadmium	0.00960	U	0.0500	mg/kg wet							
Chromium	0.100	U	0.500	mg/kg wet							
Copper	0.190	U	0.500	mg/kg wet							
Lead	0.120	U	0.500	mg/kg wet							
Nickel	0.360	U	2.50	mg/kg wet							
Selenium	**0.111**	**J**	0.500	mg/kg wet							
Silver	0.100	U	0.500	mg/kg wet							
Thallium	**0.183**	**J**	0.500	mg/kg wet							
Zinc	1.10	U	2.50	mg/kg wet							

LCS (9L01012-BS1) Prepared: 12/01/2009 09:36 Analyzed: 12/02/2009 11:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9L01012 - EPA 3050B

LCS (9L01012-BS1) Continued Prepared: 12/01/2009 09:36 Analyzed: 12/02/2009 11:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	24.2		1.00	mg/kg wet	25.0		97	80-120			
Arsenic	47.8		0.500	mg/kg wet	50.0		96	80-120			
Beryllium	24.9		0.0500	mg/kg wet	25.0		100	80-120			
Cadmium	24.4		0.0500	mg/kg wet	25.0		98	80-120			
Chromium	49.8		0.500	mg/kg wet	50.0		100	80-120			
Copper	24.6		0.500	mg/kg wet	25.0		98	80-120			
Lead	49.1		0.500	mg/kg wet	50.0		98	80-120			
Nickel	48.7		2.50	mg/kg wet	50.0		97	80-120			
Selenium	48.8	B	0.500	mg/kg wet	50.0		98	80-120			
Silver	5.00		0.500	mg/kg wet	5.00		100	80-120			
Thallium	24.0	B	0.500	mg/kg wet	25.0		96	80-120			
Zinc	53.0		2.50	mg/kg wet	50.0		106	80-120			

Matrix Spike (9L01012-MS1) Prepared: 12/01/2009 09:36 Analyzed: 12/02/2009 11:41

Source: C913270-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	24.8		1.42	mg/kg dry	35.6	0.392	69	75-125			QM-07
Arsenic	59.3		0.711	mg/kg dry	71.1	0.933	82	75-125			
Beryllium	30.5		0.0711	mg/kg dry	35.6	0.223	85	75-125			
Cadmium	30.0		0.0711	mg/kg dry	35.6	0.0137 U	84	75-125			
Chromium	63.2		0.711	mg/kg dry	71.1	2.21	86	75-125			
Copper	36.0		0.711	mg/kg dry	35.6	4.58	88	75-125			
Lead	61.2		0.711	mg/kg dry	71.1	0.634	85	75-125			
Nickel	64.3		3.56	mg/kg dry	71.1	3.87	85	75-125			
Selenium	59.5	B	0.711	mg/kg dry	71.1	0.452	83	75-125			
Silver	6.12		0.711	mg/kg dry	7.11	0.142 U	86	75-125			
Thallium	28.4	B	0.711	mg/kg dry	35.6	0.181	79	75-125			
Zinc	66.1		3.56	mg/kg dry	71.1	2.84	89	75-125			

Matrix Spike Dup (9L01012-MSD1) Prepared: 12/01/2009 09:36 Analyzed: 12/02/2009 11:44

Source: C913270-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	28.4		1.42	mg/kg dry	35.2	0.392	79	75-125	13	20	
Arsenic	66.0		0.711	mg/kg dry	70.4	0.933	92	75-125	11	20	
Beryllium	33.8		0.0711	mg/kg dry	35.2	0.223	95	75-125	10	20	
Cadmium	33.1		0.0711	mg/kg dry	35.2	0.0137 U	94	75-125	10	20	
Chromium	70.7		0.711	mg/kg dry	70.4	2.21	97	75-125	11	20	
Copper	40.8		0.711	mg/kg dry	35.2	4.58	103	75-125	12	20	
Lead	67.7		0.711	mg/kg dry	70.4	0.634	95	75-125	10	20	
Nickel	72.4		3.56	mg/kg dry	70.4	3.87	97	75-125	12	20	
Selenium	66.0	B	0.711	mg/kg dry	70.4	0.452	93	75-125	10	20	
Silver	6.73		0.711	mg/kg dry	7.04	0.142 U	96	75-125	10	20	
Thallium	31.8	B	0.711	mg/kg dry	35.2	0.181	90	75-125	11	20	
Zinc	73.0		3.56	mg/kg dry	70.4	2.84	100	75-125	10	20	

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9L01012 - EPA 3050B

Post Spike (9L01012-PS1) Prepared: 12/01/2009 09:36 Analyzed: 12/02/2009 11:46

Source: C913270-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.528		0.0200	mg/L	0.500	0.00545	104	80-120			
Arsenic	1.04		0.0100	mg/L	1.00	0.0130	103	80-120			
Beryllium	0.525		0.00100	mg/L	0.500	0.00310	104	80-120			
Cadmium	0.516		0.00100	mg/L	0.500	-0.000130	103	80-120			
Chromium	1.09		0.0100	mg/L	1.00	0.0307	106	80-120			
Copper	0.603		0.0100	mg/L	0.500	0.0637	108	80-120			
Lead	1.06		0.0100	mg/L	1.00	0.00882	105	80-120			
Nickel	1.10		0.0500	mg/L	1.00	0.0538	104	80-120			
Selenium	1.06	B	0.0100	mg/L	1.00	0.00629	105	80-120			
Silver	0.101		0.0100	mg/L	0.100	-8.13E-6	101	80-120			
Thallium	0.510	B	0.0100	mg/L	0.500	0.00251	101	80-120			
Zinc	1.09		0.0500	mg/L	1.00	0.0396	105	80-120			

Batch 9L01027 - EPA 7471B

Blank (9L01027-BLK1) Prepared: 12/02/2009 11:00 Analyzed: 12/02/2009 14:33

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00530	U	0.0100	mg/kg wet							

LCS (9L01027-BS1) Prepared: 12/02/2009 11:00 Analyzed: 12/02/2009 14:36

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.251		0.0100	mg/kg wet	0.254		99	85-115			

Matrix Spike (9L01027-MS1) Prepared: 12/02/2009 11:00 Analyzed: 12/02/2009 14:43

Source: C913270-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.331		0.0142	mg/kg dry	0.356	0.00754 U	93	85-115			

Matrix Spike Dup (9L01027-MSD1) Prepared: 12/02/2009 11:00 Analyzed: 12/02/2009 14:46

Source: C913270-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.321		0.0142	mg/kg dry	0.350	0.00754 U	92	85-115	3	15	

Post Spike (9L01027-PS1) Prepared: 12/02/2009 11:00 Analyzed: 12/02/2009 14:50

Source: C913270-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.09		0.200	ug/L	5.00	-0.247	107	75-125			

Classical Chemistry Parameters - Quality Control

Batch 9K30014 - % Solids

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Duplicate (9K30014-DUP1) Prepared & Analyzed: 11/30/2009 13:51

Source: C913138-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	87		0.1	% by Weight		86			0.9	10	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
J-01	Result is estimated due to positive results in the associated method blank.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, the impact on data quality is minimal.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Page ____ of ____

Client Name: ECS Carolinas LLP	Project Number: Wrightsville Ave
Address: 7211 Ogden Business Loop, 201	Project Name/Desc: 22 13842D
City/ST/Zip: Wilmington NC 28411	PO # / Billing Info
Tel: (910) 686-9114 Fax: (910) 686-9666	Reporting Contact: Amy Conchas
Sampler(s) Name, Affiliation (Print): Amy Conchas	Billing Contact: Amy Conchas
Sampler(s) Signature: Conchas	Facility # (if required)

Requested Analyses: 8260; PAH using 8270D; PP Metals

Preservation (See Codes) (Combine as necessary)

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due __/__/__

Lab Workorder: C913275

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260	PAH using 8270D	PP Metals								Sample Comments
	S8-2-3	11/23/09	13:25	G	SO	4	X	X	X								
	S8-6-7		13:30														
	S9-3-5		13:35														
	S9-5-6		13:40														
	S10-1-2		14:00														
	S10-5-6		14:05														
	S11-0-2		14:25														
	S11-6-7		14:30														
	S12-2-3		14:40														
	S12-6-7		14:45														
	S13-3-4		14:50														
	S13-6-7		14:55														
	Dup	—	—	—	—	—											

33 Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By: Conchas	Date/Time: 11/23/09 5:30	Received By: Briana Gregory	Date/Time: 11-24-09 10:00
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: 1.3°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice N-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

www.encolabs.com

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Thursday, December 3, 2009

ECS - Wilmington (EA026)

Attn: Amy Conchas

7211 Ogden Business Park Suite 201

Wilmington, NC 28411

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Wrightsville Avenue REC
ENCO Workorder: C913492

Dear Amy Conchas,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, November 24, 2009.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 28.

PROJECT NARRATIVE

Date: 03 December 2009
Client: ECS- Wilmington
Project: Wrightsville Avenue REC
Lab ID: C913492

Overview

Environmental Conservation Laboratories, Inc. (ENCO) analyzed all submitted samples in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by ENCO are discussed in the QC Remarks section below.

Quality Control Samples

No Comments

Quality Control Remarks

No Comments

Other Comments

The following ENCO personnel were involved in the analysis and reporting of this project:

8270- Ron Fertile (Organics Manager), David Morse, Belinda Royall, Nkem Ukpabi
Metals- John Halpin (Metals Manager), Valerie Obremski, Nicole Humphries
QA- Rachel Anderson
Project Management- Stephanie Franz
Lab Manager- Rich Detar

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative or in the Flags/Notes and Definitions section of the report.

Released By:
Environmental Conservation Laboratories, Inc.

Stephanie Franz
Project Manager

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1 **Lab ID:** C913492-01 **Sampled:** 11/23/09 16:00 **Received:** 11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		11/30/09	16:45	12/2/2009 11:19
EPA 6020A	05/22/10		11/30/09	09:08	12/1/2009 09:47
EPA 7470A	12/21/09		11/30/09	08:56	11/30/2009 17:07
EPA 8270D	11/30/09	01/08/10	11/29/09	09:49	12/1/2009 07:00

Client ID: MW-2 **Lab ID:** C913492-02 **Sampled:** 11/23/09 17:00 **Received:** 11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		11/30/09	16:45	12/2/2009 11:21
EPA 6020A	05/22/10		11/30/09	09:08	12/1/2009 10:04
EPA 7470A	12/21/09		11/30/09	08:56	11/30/2009 17:10
EPA 8270D	11/30/09	01/08/10	11/29/09	09:49	12/1/2009 07:32

Client ID: Dup 2 **Lab ID:** C913492-03 **Sampled:** 11/23/09 00:00 **Received:** 11/24/09 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	05/22/10		11/30/09	16:45	12/2/2009 11:23
EPA 6020A	05/22/10		11/30/09	09:08	12/1/2009 10:08
EPA 7470A	12/21/09		11/30/09	08:56	11/30/2009 17:13
EPA 8270D	11/30/09	01/08/10	11/29/09	09:49	12/1/2009 13:11

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SAMPLE DETECTION SUMMARY

Client ID: MW-1 **Lab ID:** C913492-01

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.152	J	0.0730	2.00	ug/L	EPA 6020A	
Arsenic - Total	6.28	J	2.80	10.0	ug/L	EPA 6010C	
Benzoic acid	8.9	J	3.6	50	ug/L	EPA 8270D	
Beryllium - Total	2.30		0.100	1.00	ug/L	EPA 6010C	
Chromium - Total	253		1.00	10.0	ug/L	EPA 6010C	
Copper - Total	47.2		1.60	10.0	ug/L	EPA 6010C	
Di-n-butylphthalate	1.5	J	1.4	10	ug/L	EPA 8270D	
Lead - Total	130		1.90	10.0	ug/L	EPA 6010C	
Mercury - Total	0.457		0.0540	0.200	ug/L	EPA 7470A	
Nickel - Total	32.9		1.80	10.0	ug/L	EPA 6010C	
Thallium - Total	0.510	J	0.110	1.00	ug/L	EPA 6020A	
Zinc - Total	78.0		3.80	10.0	ug/L	EPA 6010C	

Client ID: MW-2 **Lab ID:** C913492-02

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.175	J	0.0730	2.00	ug/L	EPA 6020A	
Arsenic - Total	18.3		2.80	10.0	ug/L	EPA 6010C	
Beryllium - Total	0.233	J	0.100	1.00	ug/L	EPA 6010C	
Bis(2-ethylhexyl)phthalate	3.8	J	2.6	5.0	ug/L	EPA 8270D	
Chromium - Total	31.0		1.00	10.0	ug/L	EPA 6010C	
Copper - Total	2.31	J	1.60	10.0	ug/L	EPA 6010C	
Di-n-butylphthalate	1.9	J	1.4	10	ug/L	EPA 8270D	
Lead - Total	21.1		1.90	10.0	ug/L	EPA 6010C	
Nickel - Total	5.37	J	1.80	10.0	ug/L	EPA 6010C	
Zinc - Total	15.7		3.80	10.0	ug/L	EPA 6010C	

Client ID: Dup 2 **Lab ID:** C913492-03

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.129	J	0.0730	2.00	ug/L	EPA 6020A	
Arsenic - Total	6.39	J	2.80	10.0	ug/L	EPA 6010C	
Beryllium - Total	2.18		0.100	1.00	ug/L	EPA 6010C	
Bis(2-ethylhexyl)phthalate	2.6	J	2.6	5.0	ug/L	EPA 8270D	
Chromium - Total	236		1.00	10.0	ug/L	EPA 6010C	
Copper - Total	43.3		1.60	10.0	ug/L	EPA 6010C	
Di-n-butylphthalate	2.0	J	1.4	10	ug/L	EPA 8270D	
Lead - Total	121		1.90	10.0	ug/L	EPA 6010C	
Mercury - Total	0.449		0.0540	0.200	ug/L	EPA 7470A	
Nickel - Total	30.2		1.80	10.0	ug/L	EPA 6010C	
Thallium - Total	0.361	J	0.110	1.00	ug/L	EPA 6020A	
Zinc - Total	74.1		3.80	10.0	ug/L	EPA 6010C	

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ANALYTICAL RESULTS

Description: MW-1
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C913492-01
Sampled: 11/23/09 16:00
Sampled By: Amy Conchas

Received: 11/24/09 10:00
Work Order: C913492

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
1-Methylnaphthalene [90-12-0] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.5	U	ug/L	1	1.5	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2,4-Dichlorophenol [120-83-2] ^	2.0	U	ug/L	1	2.0	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2,4-Dimethylphenol [105-67-9] ^	2.6	U	ug/L	1	2.6	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2,4-Dinitrotoluene [121-14-2] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2-Chloronaphthalene [91-58-7] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2-Chlorophenol [95-57-8] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2-Methylnaphthalene [91-57-6] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
2-Nitrophenol [88-75-5] ^	2.3	U	ug/L	1	2.3	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.8	U	ug/L	1	1.8	20	9K29003	EPA 8270D	12/01/09 07:00	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	1.7	U	ug/L	1	1.7	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
4-Nitroaniline [100-01-6] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Acenaphthene [83-32-9] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Acenaphthylene [208-96-8] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Anthracene [120-12-7] ^	0.64	U	ug/L	1	0.64	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Benzidine [92-87-5] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Benzo(a)anthracene [56-55-3] ^	0.76	U	ug/L	1	0.76	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Benzo(a)pyrene [50-32-8] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.78	U	ug/L	1	0.78	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.77	U	ug/L	1	0.77	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Benzoic acid [65-85-0] ^	**8.9**	J	ug/L	1	3.6	50	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Benzyl alcohol [100-51-6] ^	2.0	U	ug/L	1	2.0	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.8	U	ug/L	1	1.8	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	2.6	U	ug/L	1	2.6	5.0	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Chrysene [218-01-9] ^	0.92	U	ug/L	1	0.92	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	1.8	U	ug/L	1	1.8	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Diethylphthalate [84-66-2] ^	0.61	U	ug/L	1	0.61	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	

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Description: MW-1
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C913492-01
Sampled: 11/23/09 16:00
Sampled By: Amy Conchas

Received: 11/24/09 10:00
Work Order: C913492

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Dimethylphthalate [131-11-3] ^	0.79	U	ug/L	1	0.79	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Di-n-butylphthalate [84-74-2] ^	**1.5**	J	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Di-n-octylphthalate [117-84-0] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Fluoranthene [206-44-0] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Fluorene [86-73-7] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Hexachlorobenzene [118-74-1] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Hexachloroethane [67-72-1] ^	0.97	U	ug/L	1	0.97	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	1.7	U	ug/L	1	1.7	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Isophorone [78-59-1] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Naphthalene [91-20-3] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.8	U	ug/L	1	1.8	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Pentachlorophenol [87-86-5] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Phenanthrene [85-01-8] ^	0.74	U	ug/L	1	0.74	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Phenol [108-95-2] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Pyrene [129-00-0] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	
Pyridine [110-86-1] ^	1.5	U	ug/L	1	1.5	10	9K29003	EPA 8270D	12/01/09 07:00	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*98*	*1*	*100*	*98 %*	*10-179*	*9K29003*	*EPA 8270D*	*12/01/09 07:00*	*DFM*	
2-Fluorobiphenyl	*38*	*1*	*50.0*	*77 %*	*10-149*	*9K29003*	*EPA 8270D*	*12/01/09 07:00*	*DFM*	
2-Fluorophenol	*60*	*1*	*100*	*60 %*	*10-110*	*9K29003*	*EPA 8270D*	*12/01/09 07:00*	*DFM*	
Nitrobenzene-d5	*44*	*1*	*50.0*	*88 %*	*10-149*	*9K29003*	*EPA 8270D*	*12/01/09 07:00*	*DFM*	
Phenol-d5	*47*	*1*	*100*	*47 %*	*10-88*	*9K29003*	*EPA 8270D*	*12/01/09 07:00*	*DFM*	
Terphenyl-d14	*52*	*1*	*50.0*	*104 %*	*10-188*	*9K29003*	*EPA 8270D*	*12/01/09 07:00*	*DFM*	

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Description:	MW-1	**Lab Sample ID:**	C913492-01	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 16:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Tentatively Identified Compounds by Semivolatile GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Tentatively Identified Compounds [NA] ^	0.0	U	ug/L	1			9K29003	EPA 8270D	12/01/09 07:00	DFM	

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Description:	MW-1	**Lab Sample ID:**	C913492-01	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 16:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	**0.457**		ug/L	1	0.0540	0.200	9K30002	EPA 7470A	11/30/09 17:07	NLH	

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Description:	MW-1	**Lab Sample ID:**	C913492-01	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 16:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.152**	J	ug/L	1	0.0730	2.00	9K30006	EPA 6020A	12/01/09 09:47	VLO	
Arsenic [7440-38-2] ^	**6.28**	J	ug/L	1	2.80	10.0	9K30005	EPA 6010C	12/02/09 11:19	JDH	
Beryllium [7440-41-7] ^	**2.30**		ug/L	1	0.100	1.00	9K30005	EPA 6010C	12/02/09 11:19	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	9K30005	EPA 6010C	12/02/09 11:19	JDH	
Chromium [7440-47-3] ^	**253**		ug/L	1	1.00	10.0	9K30005	EPA 6010C	12/02/09 11:19	JDH	
Copper [7440-50-8] ^	**47.2**		ug/L	1	1.60	10.0	9K30005	EPA 6010C	12/02/09 11:19	JDH	
Lead [7439-92-1] ^	**130**		ug/L	1	1.90	10.0	9K30005	EPA 6010C	12/02/09 11:19	JDH	
Nickel [7440-02-0] ^	**32.9**		ug/L	1	1.80	10.0	9K30005	EPA 6010C	12/02/09 11:19	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	9K30005	EPA 6010C	12/02/09 11:19	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	9K30005	EPA 6010C	12/02/09 11:19	JDH	
Thallium [7440-28-0] ^	**0.510**	J	ug/L	1	0.110	1.00	9K30006	EPA 6020A	12/01/09 09:47	VLO	
Zinc [7440-66-6] ^	**78.0**		ug/L	1	3.80	10.0	9K30005	EPA 6010C	12/02/09 11:19	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-2
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C913492-02
Sampled: 11/23/09 17:00
Sampled By: Amy Conchas

Received: 11/24/09 10:00
Work Order: C913492

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
1-Methylnaphthalene [90-12-0] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.5	U	ug/L	1	1.5	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2,4-Dichlorophenol [120-83-2] ^	2.0	U	ug/L	1	2.0	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2,4-Dimethylphenol [105-67-9] ^	2.6	U	ug/L	1	2.6	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2,4-Dinitrotoluene [121-14-2] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2-Chloronaphthalene [91-58-7] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2-Chlorophenol [95-57-8] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2-Methylnaphthalene [91-57-6] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
2-Nitrophenol [88-75-5] ^	2.3	U	ug/L	1	2.3	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.8	U	ug/L	1	1.8	20	9K29003	EPA 8270D	12/01/09 07:32	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	1.7	U	ug/L	1	1.7	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
4-Nitroaniline [100-01-6] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Acenaphthene [83-32-9] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Acenaphthylene [208-96-8] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Anthracene [120-12-7] ^	0.64	U	ug/L	1	0.64	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Benzidine [92-87-5] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Benzo(a)anthracene [56-55-3] ^	0.76	U	ug/L	1	0.76	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Benzo(a)pyrene [50-32-8] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.78	U	ug/L	1	0.78	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.77	U	ug/L	1	0.77	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Benzoic acid [65-85-0] ^	3.6	U	ug/L	1	3.6	50	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Benzyl alcohol [100-51-6] ^	2.0	U	ug/L	1	2.0	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.8	U	ug/L	1	1.8	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	**3.8**	J	ug/L	1	2.6	5.0	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Chrysene [218-01-9] ^	0.92	U	ug/L	1	0.92	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	1.8	U	ug/L	1	1.8	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Diethylphthalate [84-66-2] ^	0.61	U	ug/L	1	0.61	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Dimethylphthalate [131-11-3] ^	0.79	U	ug/L	1	0.79	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Di-n-butylphthalate [84-74-2] ^	**1.9**	J	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Di-n-octylphthalate [117-84-0] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	

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Description:	MW-2	**Lab Sample ID:**	C913492-02	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 17:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Fluorene [86-73-7] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Hexachlorobenzene [118-74-1] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Hexachloroethane [67-72-1] ^	0.97	U	ug/L	1	0.97	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	1.7	U	ug/L	1	1.7	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Isophorone [78-59-1] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Naphthalene [91-20-3] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.8	U	ug/L	1	1.8	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Pentachlorophenol [87-86-5] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Phenanthrene [85-01-8] ^	0.74	U	ug/L	1	0.74	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Phenol [108-95-2] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Pyrene [129-00-0] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	
Pyridine [110-86-1] ^	1.5	U	ug/L	1	1.5	10	9K29003	EPA 8270D	12/01/09 07:32	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*98*	*1*	*100*	*98 %*	*10-179*	*9K29003*	*EPA 8270D*	*12/01/09 07:32*	*DFM*	
2-Fluorobiphenyl	*36*	*1*	*50.0*	*72 %*	*10-149*	*9K29003*	*EPA 8270D*	*12/01/09 07:32*	*DFM*	
2-Fluorophenol	*55*	*1*	*100*	*55 %*	*10-110*	*9K29003*	*EPA 8270D*	*12/01/09 07:32*	*DFM*	
Nitrobenzene-d5	*38*	*1*	*50.0*	*75 %*	*10-149*	*9K29003*	*EPA 8270D*	*12/01/09 07:32*	*DFM*	
Phenol-d5	*49*	*1*	*100*	*49 %*	*10-88*	*9K29003*	*EPA 8270D*	*12/01/09 07:32*	*DFM*	
Terphenyl-d14	*49*	*1*	*50.0*	*97 %*	*10-188*	*9K29003*	*EPA 8270D*	*12/01/09 07:32*	*DFM*	

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Description:	MW-2	**Lab Sample ID:**	C913492-02	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 17:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Tentatively Identified Compounds by Semivolatile GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Tentatively Identified Compounds [NA] ^	0.0	U	ug/L	1			9K29003	EPA 8270D	12/01/09 07:32	DFM	

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Description:	MW-2	**Lab Sample ID:**	C913492-02	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 17:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.0540	U	ug/L	1	0.0540	0.200	9K30002	EPA 7470A	11/30/09 17:10	NLH	

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Description:	MW-2	**Lab Sample ID:**	C913492-02	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 17:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.175**	J	ug/L	1	0.0730	2.00	9K30006	EPA 6020A	12/01/09 10:04	VLO	
Arsenic [7440-38-2] ^	**18.3**		ug/L	1	2.80	10.0	9K30005	EPA 6010C	12/02/09 11:21	JDH	
Beryllium [7440-41-7] ^	**0.233**	J	ug/L	1	0.100	1.00	9K30005	EPA 6010C	12/02/09 11:21	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	9K30005	EPA 6010C	12/02/09 11:21	JDH	
Chromium [7440-47-3] ^	**31.0**		ug/L	1	1.00	10.0	9K30005	EPA 6010C	12/02/09 11:21	JDH	
Copper [7440-50-8] ^	**2.31**	J	ug/L	1	1.60	10.0	9K30005	EPA 6010C	12/02/09 11:21	JDH	
Lead [7439-92-1] ^	**21.1**		ug/L	1	1.90	10.0	9K30005	EPA 6010C	12/02/09 11:21	JDH	
Nickel [7440-02-0] ^	**5.37**	J	ug/L	1	1.80	10.0	9K30005	EPA 6010C	12/02/09 11:21	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	9K30005	EPA 6010C	12/02/09 11:21	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	9K30005	EPA 6010C	12/02/09 11:21	JDH	
Thallium [7440-28-0] ^	0.110	U	ug/L	1	0.110	1.00	9K30006	EPA 6020A	12/01/09 10:04	VLO	
Zinc [7440-66-6] ^	**15.7**		ug/L	1	3.80	10.0	9K30005	EPA 6010C	12/02/09 11:21	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: Dup 2
Matrix: Ground Water
Project: Wrightsville Avenue REC

Lab Sample ID: C913492-03
Sampled: 11/23/09 00:00
Sampled By: Amy Conchas

Received: 11/24/09 10:00
Work Order: C913492

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
1-Methylnaphthalene [90-12-0] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.5	U	ug/L	1	1.5	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2,4-Dichlorophenol [120-83-2] ^	2.0	U	ug/L	1	2.0	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2,4-Dimethylphenol [105-67-9] ^	2.6	U	ug/L	1	2.6	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2,4-Dinitrotoluene [121-14-2] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2-Chloronaphthalene [91-58-7] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2-Chlorophenol [95-57-8] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2-Methylnaphthalene [91-57-6] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
2-Nitrophenol [88-75-5] ^	2.3	U	ug/L	1	2.3	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.8	U	ug/L	1	1.8	20	9K29003	EPA 8270D	12/01/09 13:11	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	1.7	U	ug/L	1	1.7	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
4-Nitroaniline [100-01-6] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Acenaphthene [83-32-9] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Acenaphthylene [208-96-8] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Anthracene [120-12-7] ^	0.64	U	ug/L	1	0.64	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Benzidine [92-87-5] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Benzo(a)anthracene [56-55-3] ^	0.76	U	ug/L	1	0.76	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Benzo(a)pyrene [50-32-8] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.78	U	ug/L	1	0.78	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.77	U	ug/L	1	0.77	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Benzoic acid [65-85-0] ^	3.6	U	ug/L	1	3.6	50	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Benzyl alcohol [100-51-6] ^	2.0	U	ug/L	1	2.0	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.8	U	ug/L	1	1.8	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	**2.6**	J	ug/L	1	2.6	5.0	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Chrysene [218-01-9] ^	0.92	U	ug/L	1	0.92	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	1.8	U	ug/L	1	1.8	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Diethylphthalate [84-66-2] ^	0.61	U	ug/L	1	0.61	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Dimethylphthalate [131-11-3] ^	0.79	U	ug/L	1	0.79	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Di-n-butylphthalate [84-74-2] ^	**2.0**	J	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Di-n-octylphthalate [117-84-0] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	

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Description:	Dup 2	**Lab Sample ID:**	C913492-03	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 00:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Fluorene [86-73-7] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Hexachlorobenzene [118-74-1] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Hexachloroethane [67-72-1] ^	0.97	U	ug/L	1	0.97	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	1.7	U	ug/L	1	1.7	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Isophorone [78-59-1] ^	1.6	U	ug/L	1	1.6	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Naphthalene [91-20-3] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.4	U	ug/L	1	1.4	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.8	U	ug/L	1	1.8	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.1	U	ug/L	1	1.1	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Pentachlorophenol [87-86-5] ^	1.0	U	ug/L	1	1.0	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Phenanthrene [85-01-8] ^	0.74	U	ug/L	1	0.74	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Phenol [108-95-2] ^	1.2	U	ug/L	1	1.2	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Pyrene [129-00-0] ^	1.3	U	ug/L	1	1.3	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	
Pyridine [110-86-1] ^	1.5	U	ug/L	1	1.5	10	9K29003	EPA 8270D	12/01/09 13:11	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*91*	*1*	*100*	*91 %*	*10-179*	*9K29003*	*EPA 8270D*	*12/01/09 13:11*	*DFM*	
2-Fluorobiphenyl	*39*	*1*	*50.0*	*78 %*	*10-149*	*9K29003*	*EPA 8270D*	*12/01/09 13:11*	*DFM*	
2-Fluorophenol	*60*	*1*	*100*	*60 %*	*10-110*	*9K29003*	*EPA 8270D*	*12/01/09 13:11*	*DFM*	
Nitrobenzene-d5	*40*	*1*	*50.0*	*81 %*	*10-149*	*9K29003*	*EPA 8270D*	*12/01/09 13:11*	*DFM*	
Phenol-d5	*54*	*1*	*100*	*54 %*	*10-88*	*9K29003*	*EPA 8270D*	*12/01/09 13:11*	*DFM*	
Terphenyl-d14	*45*	*1*	*50.0*	*91 %*	*10-188*	*9K29003*	*EPA 8270D*	*12/01/09 13:11*	*DFM*	

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Description:	Dup 2	**Lab Sample ID:**	C913492-03	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 00:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Tentatively Identified Compounds by Semivolatile GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Tentatively Identified Compounds [NA] ^	0.0	U	ug/L	1			9K29003	EPA 8270D	12/01/09 13:11	DFM	

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Description:	Dup 2	**Lab Sample ID:**	C913492-03	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 00:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	**0.449**		ug/L	1	0.0540	0.200	9K30002	EPA 7470A	11/30/09 17:13	NLH	

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Description:	Dup 2	**Lab Sample ID:**	C913492-03	**Received:**	11/24/09 10:00
Matrix:	Ground Water	**Sampled:**	11/23/09 00:00	**Work Order:**	C913492
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.129**	J	ug/L	1	0.0730	2.00	9K30006	EPA 6020A	12/01/09 10:08	VLO	
Arsenic [7440-38-2] ^	**6.39**	J	ug/L	1	2.80	10.0	9K30005	EPA 6010C	12/02/09 11:23	JDH	
Beryllium [7440-41-7] ^	**2.18**		ug/L	1	0.100	1.00	9K30005	EPA 6010C	12/02/09 11:23	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	9K30005	EPA 6010C	12/02/09 11:23	JDH	
Chromium [7440-47-3] ^	**236**		ug/L	1	1.00	10.0	9K30005	EPA 6010C	12/02/09 11:23	JDH	
Copper [7440-50-8] ^	**43.3**		ug/L	1	1.60	10.0	9K30005	EPA 6010C	12/02/09 11:23	JDH	
Lead [7439-92-1] ^	**121**		ug/L	1	1.90	10.0	9K30005	EPA 6010C	12/02/09 11:23	JDH	
Nickel [7440-02-0] ^	**30.2**		ug/L	1	1.80	10.0	9K30005	EPA 6010C	12/02/09 11:23	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	9K30005	EPA 6010C	12/02/09 11:23	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	9K30005	EPA 6010C	12/02/09 11:23	JDH	
Thallium [7440-28-0] ^	**0.361**	J	ug/L	1	0.110	1.00	9K30006	EPA 6020A	12/01/09 10:08	VLO	
Zinc [7440-66-6] ^	**74.1**		ug/L	1	3.80	10.0	9K30005	EPA 6010C	12/02/09 11:23	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9K29003 - EPA 3510C_MS

Blank (9K29003-BLK1) Prepared: 11/29/2009 09:49 Analyzed: 12/01/2009 04:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.3	U	10	ug/L							
1,2-Dichlorobenzene	1.1	U	10	ug/L							
1,3-Dichlorobenzene	1.1	U	10	ug/L							
1,4-Dichlorobenzene	1.2	U	10	ug/L							
1-Methylnaphthalene	1.4	U	10	ug/L							
2,4,5-Trichlorophenol	1.1	U	10	ug/L							
2,4,6-Trichlorophenol	1.5	U	10	ug/L							
2,4-Dichlorophenol	2.0	U	10	ug/L							
2,4-Dimethylphenol	2.6	U	10	ug/L							
2,4-Dinitrophenol	2.6	U	10	ug/L							
2,4-Dinitrotoluene	1.1	U	10	ug/L							
2,6-Dinitrotoluene	1.0	U	10	ug/L							
2-Chloronaphthalene	1.1	U	10	ug/L							
2-Chlorophenol	1.9	U	10	ug/L							
2-Methyl-4,6-dinitrophenol	1.9	U	10	ug/L							
2-Methylnaphthalene	1.3	U	10	ug/L							
2-Methylphenol	2.0	U	10	ug/L							
2-Nitroaniline	1.2	U	10	ug/L							
2-Nitrophenol	2.3	U	10	ug/L							
3 & 4-Methylphenol	1.8	U	20	ug/L							
3,3'-Dichlorobenzidine	1.7	U	10	ug/L							
3-Nitroaniline	1.6	U	10	ug/L							
4-Bromophenyl-phenylether	1.0	U	10	ug/L							
4-Chloro-3-methylphenol	1.6	U	10	ug/L							
4-Chloroaniline	1.6	U	10	ug/L							
4-Chlorophenyl-phenylether	1.1	U	10	ug/L							
4-Nitroaniline	1.3	U	10	ug/L							
4-Nitrophenol	1.2	U	10	ug/L							
Acenaphthene	1.1	U	10	ug/L							
Acenaphthylene	1.1	U	10	ug/L							
Anthracene	0.64	U	10	ug/L							
Benzidine	1.2	U	10	ug/L							
Benzo(a)anthracene	0.76	U	10	ug/L							
Benzo(a)pyrene	1.0	U	10	ug/L							
Benzo(b)fluoranthene	0.78	U	10	ug/L							
Benzo(g,h,i)perylene	1.9	U	10	ug/L							
Benzo(k)fluoranthene	0.77	U	10	ug/L							
Benzoic acid	3.6	U	50	ug/L							
Benzyl alcohol	2.0	U	10	ug/L							
Bis(2-chloroethoxy)methane	1.9	U	10	ug/L							
Bis(2-chloroethyl)ether	1.9	U	10	ug/L							
Bis(2-chloroisopropyl)ether	1.8	U	10	ug/L							
Bis(2-ethylhexyl)phthalate	2.6	U	5.0	ug/L							
Butylbenzylphthalate	1.4	U	10	ug/L							
Chrysene	0.92	U	10	ug/L							
Dibenzo(a,h)anthracene	1.8	U	10	ug/L							
Dibenzofuran	1.3	U	10	ug/L							
Diethylphthalate	0.61	U	10	ug/L							
Dimethylphthalate	0.79	U	10	ug/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9K29003 - EPA 3510C_MS

Blank (9K29003-BLK1) Continued Prepared: 11/29/2009 09:49 Analyzed: 12/01/2009 04:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Di-n-butylphthalate	1.4	U	10	ug/L							
Di-n-octylphthalate	1.4	U	10	ug/L							
Fluoranthene	1.2	U	10	ug/L							
Fluorene	1.1	U	10	ug/L							
Hexachlorobenzene	1.2	U	10	ug/L							
Hexachlorobutadiene	1.2	U	10	ug/L							
Hexachlorocyclopentadiene	1.0	U	10	ug/L							
Hexachloroethane	0.97	U	10	ug/L							
Indeno(1,2,3-cd)pyrene	1.7	U	10	ug/L							
Isophorone	1.6	U	10	ug/L							
Naphthalene	1.4	U	10	ug/L							
Nitrobenzene	1.9	U	10	ug/L							
N-Nitrosodimethylamine	1.4	U	10	ug/L							
N-Nitroso-di-n-propylamine	1.8	U	10	ug/L							
N-nitrosodiphenylamine/Diphenylamine	1.1	U	10	ug/L							
Pentachlorophenol	1.0	U	10	ug/L							
Phenanthrene	0.74	U	10	ug/L							
Phenol	1.2	U	10	ug/L							
Pyrene	1.3	U	10	ug/L							
Pyridine	1.5	U	10	ug/L							
Surrogate: 2,4,6-Tribromophenol	*95*			*ug/L*	*100*		*95*	*10-179*			
Surrogate: 2-Fluorobiphenyl	*43*			*ug/L*	*50.0*		*86*	*10-149*			
Surrogate: 2-Fluorophenol	*65*			*ug/L*	*100*		*65*	*10-110*			
Surrogate: Nitrobenzene-d5	*45*			*ug/L*	*50.0*		*89*	*10-149*			
Surrogate: Phenol-d5	*55*			*ug/L*	*100*		*55*	*10-88*			
Surrogate: Terphenyl-d14	*55*			*ug/L*	*50.0*		*111*	*10-188*			

LCS (9K29003-BS1) Prepared: 11/29/2009 09:49 Analyzed: 12/01/2009 04:51

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	40		10	ug/L	50.0		79	27-90			
1,4-Dichlorobenzene	37		10	ug/L	50.0		75	23-84			
2,4-Dinitrotoluene	46		10	ug/L	50.0		93	67-132			
2-Chlorophenol	42		10	ug/L	50.0		84	40-109			
4-Chloro-3-methylphenol	47		10	ug/L	50.0		93	58-121			
4-Nitrophenol	33		10	ug/L	50.0		67	33-105			
Acenaphthene	44		10	ug/L	50.0		88	43-118			
N-Nitroso-di-n-propylamine	42		10	ug/L	50.0		85	48-126			
Pentachlorophenol	46		10	ug/L	50.0		91	51-135			
Phenol	30		10	ug/L	50.0		61	19-78			
Pyrene	57		10	ug/L	50.0		115	65-134			
Surrogate: 2,4,6-Tribromophenol	*100*			*ug/L*	*100*		*103*	*10-179*			
Surrogate: 2-Fluorobiphenyl	*46*			*ug/L*	*50.0*		*92*	*10-149*			
Surrogate: 2-Fluorophenol	*66*			*ug/L*	*100*		*66*	*10-110*			
Surrogate: Nitrobenzene-d5	*47*			*ug/L*	*50.0*		*95*	*10-149*			
Surrogate: Phenol-d5	*62*			*ug/L*	*100*		*62*	*10-88*			
Surrogate: Terphenyl-d14	*60*			*ug/L*	*50.0*		*120*	*10-188*			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9K29003 - EPA 3510C_MS

Matrix Spike (9K29003-MS1) Prepared: 11/29/2009 09:49 Analyzed: 12/01/2009 05:56

Source: C913493-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	39		10	ug/L	50.0	1.3 U	79	27-90			
1,4-Dichlorobenzene	36		10	ug/L	50.0	1.2 U	72	23-84			
2,4-Dinitrotoluene	47		10	ug/L	50.0	1.1 U	95	67-132			
2-Chlorophenol	41		10	ug/L	50.0	1.9 U	83	40-109			
4-Chloro-3-methylphenol	44		10	ug/L	50.0	1.6 U	87	58-121			
4-Nitrophenol	35		10	ug/L	50.0	1.2 U	70	33-105			
Acenaphthene	45		10	ug/L	50.0	1.1 U	89	43-118			
N-Nitroso-di-n-propylamine	44		10	ug/L	50.0	1.8 U	87	48-126			
Pentachlorophenol	43		10	ug/L	50.0	1.0 U	86	51-135			
Phenol	29		10	ug/L	50.0	1.2 U	58	19-78			
Pyrene	60		10	ug/L	50.0	1.3 U	120	65-134			
Surrogate: 2,4,6-Tribromophenol	*91*			*ug/L*	*100*		*91*	*10-179*			
Surrogate: 2-Fluorobiphenyl	*43*			*ug/L*	*50.0*		*85*	*10-149*			
Surrogate: 2-Fluorophenol	*70*			*ug/L*	*100*		*70*	*10-110*			
Surrogate: Nitrobenzene-d5	*44*			*ug/L*	*50.0*		*87*	*10-149*			
Surrogate: Phenol-d5	*58*			*ug/L*	*100*		*58*	*10-88*			
Surrogate: Terphenyl-d14	*62*			*ug/L*	*50.0*		*124*	*10-188*			

Matrix Spike Dup (9K29003-MSD1) Prepared: 11/29/2009 09:49 Analyzed: 12/01/2009 06:28

Source: C913493-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	40		10	ug/L	50.0	1.3 U	79	27-90	0.6	43	
1,4-Dichlorobenzene	36		10	ug/L	50.0	1.2 U	71	23-84	2	39	
2,4-Dinitrotoluene	47		10	ug/L	50.0	1.1 U	94	67-132	1	17	
2-Chlorophenol	44		10	ug/L	50.0	1.9 U	88	40-109	6	22	
4-Chloro-3-methylphenol	50		10	ug/L	50.0	1.6 U	100	58-121	13	22	
4-Nitrophenol	32		10	ug/L	50.0	1.2 U	65	33-105	8	27	
Acenaphthene	46		10	ug/L	50.0	1.1 U	91	43-118	2	21	
N-Nitroso-di-n-propylamine	43		10	ug/L	50.0	1.8 U	86	48-126	1	23	
Pentachlorophenol	41		10	ug/L	50.0	1.0 U	83	51-135	4	11	
Phenol	30		10	ug/L	50.0	1.2 U	60	19-78	3	18	
Pyrene	53		10	ug/L	50.0	1.3 U	107	65-134	11	16	
Surrogate: 2,4,6-Tribromophenol	*97*			*ug/L*	*100*		*97*	*10-179*			
Surrogate: 2-Fluorobiphenyl	*44*			*ug/L*	*50.0*		*88*	*10-149*			
Surrogate: 2-Fluorophenol	*76*			*ug/L*	*100*		*76*	*10-110*			
Surrogate: Nitrobenzene-d5	*39*			*ug/L*	*50.0*		*78*	*10-149*			
Surrogate: Phenol-d5	*62*			*ug/L*	*100*		*62*	*10-88*			
Surrogate: Terphenyl-d14	*54*			*ug/L*	*50.0*		*109*	*10-188*			

Tentatively Identified Compounds by Semivolatile GCMS - Quality Control

Batch 9K29003 - EPA 3510C_MS

Blank (9K29003-BLK1) Prepared: 11/29/2009 09:49 Analyzed: 12/01/2009 04:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Tentatively Identified Compounds by Semivolatile GCMS - Quality Control

Batch 9K29003 - EPA 3510C_MS

Blank (9K29003-BLK1) Continued Prepared: 11/29/2009 09:49 Analyzed: 12/01/2009 04:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Tentatively Identified Compounds	**0.0**	**U**		ug/L							

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9K30002 - EPA 245.1

Blank (9K30002-BLK1) Prepared: 11/30/2009 08:56 Analyzed: 11/30/2009 16:27

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0540	U	0.200	ug/L							

LCS (9K30002-BS1) Prepared: 11/30/2009 08:56 Analyzed: 11/30/2009 16:31

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.93		0.200	ug/L	5.00		99	85-115			

Matrix Spike (9K30002-MS1) Prepared: 11/30/2009 08:56 Analyzed: 11/30/2009 16:37

Source: C912563-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.08		0.200	ug/L	5.00	0.0540 U	102	85-115			

Matrix Spike Dup (9K30002-MSD1) Prepared: 11/30/2009 08:56 Analyzed: 11/30/2009 16:40

Source: C912563-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.09		0.200	ug/L	5.00	0.0540 U	102	85-115	0.2	15	

Post Spike (9K30002-PS1) Prepared: 11/30/2009 08:56 Analyzed: 11/30/2009 16:44

Source: C912563-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.67		0.200	ug/L	5.00	0.0508	92	75-125			

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 9K30005 - EPA 3005A

Blank (9K30005-BLK1) Prepared: 11/30/2009 09:06 Analyzed: 12/02/2009 09:58

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.80	U	10.0	ug/L							
Beryllium	0.100	U	1.00	ug/L							
Cadmium	0.360	U	1.00	ug/L							
Chromium	1.00	U	10.0	ug/L							
Copper	1.60	U	10.0	ug/L							
Lead	1.90	U	10.0	ug/L							
Nickel	1.80	U	10.0	ug/L							

QUALITY CONTROL

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 9K30005 - EPA 3005A

Blank (9K30005-BLK1) Continued Prepared: 11/30/2009 09:06 Analyzed: 12/02/2009 09:58

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Selenium	**3.80**	**J**	10.0	ug/L							
Silver	1.90	U	10.0	ug/L							
Zinc	3.80	U	10.0	ug/L							

LCS (9K30005-BS1) Prepared: 11/30/2009 09:06 Analyzed: 12/02/2009 10:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1060		10.0	ug/L	1000		106	80-120			
Beryllium	548		1.00	ug/L	500		110	80-120			
Cadmium	531		1.00	ug/L	500		106	80-120			
Chromium	1070		10.0	ug/L	1000		107	80-120			
Copper	531		10.0	ug/L	500		106	80-120			
Lead	1070		10.0	ug/L	1000		107	80-120			
Nickel	1060		10.0	ug/L	1000		106	80-120			
Selenium	1110	B	10.0	ug/L	1000		111	80-120			
Silver	109		10.0	ug/L	100		109	80-120			
Zinc	1080		10.0	ug/L	1000		108	80-120			

Matrix Spike (9K30005-MS1) Prepared: 11/30/2009 09:06 Analyzed: 12/02/2009 10:08

Source: C912923-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1070		10.0	ug/L	1000	2.80 U	107	75-125			
Beryllium	555		1.00	ug/L	500	0.100 U	111	75-125			
Cadmium	534		1.00	ug/L	500	0.360 U	107	75-125			
Chromium	1080		10.0	ug/L	1000	1.00 U	108	75-125			
Copper	544		10.0	ug/L	500	10.6	107	75-125			
Lead	1070		10.0	ug/L	1000	1.90 U	107	75-125			
Nickel	1060		10.0	ug/L	1000	1.80 U	106	75-125			
Selenium	1110	B	10.0	ug/L	1000	2.77	111	75-125			
Silver	109		10.0	ug/L	100	1.90 U	109	75-125			
Zinc	1120		10.0	ug/L	1000	22.4	109	75-125			

Matrix Spike Dup (9K30005-MSD1) Prepared: 11/30/2009 09:06 Analyzed: 12/02/2009 10:11

Source: C912923-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1070		10.0	ug/L	1000	2.80 U	107	75-125	0.5	20	
Beryllium	560		1.00	ug/L	500	0.100 U	112	75-125	0.9	20	
Cadmium	540		1.00	ug/L	500	0.360 U	108	75-125	1	20	
Chromium	1090		10.0	ug/L	1000	1.00 U	109	75-125	1	20	
Copper	550		10.0	ug/L	500	10.6	108	75-125	1	20	
Lead	1080		10.0	ug/L	1000	1.90 U	108	75-125	0.5	20	
Nickel	1070		10.0	ug/L	1000	1.80 U	107	75-125	2	20	
Selenium	1130	B	10.0	ug/L	1000	2.77	112	75-125	1	20	
Silver	111		10.0	ug/L	100	1.90 U	111	75-125	2	20	
Zinc	1130		10.0	ug/L	1000	22.4	110	75-125	1	20	

QUALITY CONTROL

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 9K30005 - EPA 3005A

Post Spike (9K30005-PS1) Prepared: 11/30/2009 09:06 Analyzed: 12/02/2009 10:14

Source: C912923-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1.12		0.0100	mg/L	1.00	-0.00121	112	80-120			
Beryllium	0.583		0.00100	mg/L	0.500	4.51E-5	117	80-120			
Cadmium	0.566		0.00100	mg/L	0.500	0.000149	113	80-120			
Chromium	1.15		0.0100	mg/L	1.00	-0.000359	115	80-120			
Copper	0.577		0.0100	mg/L	0.500	0.0106	113	80-120			
Lead	1.13		0.0100	mg/L	1.00	-9.94E-5	113	80-120			
Nickel	1.13		0.0100	mg/L	1.00	-0.000915	113	80-120			
Selenium	1.18	B	0.0100	mg/L	1.00	0.00277	117	80-120			
Silver	0.112		0.0100	mg/L	0.100	0.000918	111	80-120			
Zinc	1.18		0.0100	mg/L	1.00	0.0224	116	80-120			

Batch 9K30006 - EPA 3005A

Blank (9K30006-BLK1) Prepared: 11/30/2009 09:08 Analyzed: 12/01/2009 09:40

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.0730	U	2.00	ug/L							
Thallium	0.110	U	1.00	ug/L							

LCS (9K30006-BS1) Prepared: 11/30/2009 09:08 Analyzed: 12/01/2009 09:43

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	24.6		2.00	ug/L	25.0		99	80-120			
Thallium	25.1		1.00	ug/L	25.0		100	80-120			

Matrix Spike (9K30006-MS1) Prepared: 11/30/2009 09:08 Analyzed: 12/01/2009 09:50

Source: C913492-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	1.81	J	2.00	ug/L	25.0	0.152	7	75-125			QM-07
Thallium	22.0		1.00	ug/L	25.0	0.510	86	75-125			

Matrix Spike Dup (9K30006-MSD1) Prepared: 11/30/2009 09:08 Analyzed: 12/01/2009 09:54

Source: C913492-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	1.78	J	2.00	ug/L	25.0	0.152	7	75-125	2	20	QM-07
Thallium	22.0		1.00	ug/L	25.0	0.510	86	75-125	0.2	20	

Post Spike (9K30006-PS1) Prepared: 11/30/2009 09:08 Analyzed: 12/01/2009 09:57

Source: C913492-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	27.5		2.00	ug/L	25.0	0.152	109	80-120			
Thallium	27.2		1.00	ug/L	25.0	0.510	107	80-120			

QUALITY CONTROL

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 9K30006 - EPA 3005A

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Page ___ of ___

Client Name: ECS Carolinas LLP	Project Number: 22-13842D
Address: 7211 Ogden Bus. Lane, Suite 201	Project Name/Desc: Wrightsville Ave REC
City/ST/Zip: Wilmington NC 28411	PO # / Billing Info:
Tel: (910) 686-9114 Fax: (910) 686-9666	Reporting Contact: Amy Conchas
Sampler(s) Name, Affiliation (Print): Amy Conchas	Billing Contact: Amy Conchas
Sampler(s) Signature: Amy Coches	Facility # (if required):

Requested Analyses: 8270D + TICs; 13 PP Metals

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C913492

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8270D + TICs	13 PP Metals									Sample Comments
	MW-1	11/23/09	16:00	G	GW	2	X	X									
	MW-2	↓	17:00	G	↓	2	↓	↓									
	Dup2	↓		G	↓	2	↓	↓									
						6	<-- Total # of Containers										

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		Amy Coches	11/23/09 5:30	Briana Gregory	11-24-09 10:00
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: 0.6°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

www.encolabs.com

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Wednesday, March 3, 2010

ECS - Wilmington (EA026)

Attn: Amy Conchas

7211 Ogden Business Park Suite 201

Wilmington, NC 28411

RE: Laboratory Results for
Project Number: 22-13842D, Project Name/Desc: Wrightsville Avenue REC
ENCO Workorder: C001792

Dear Amy Conchas,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, February 24, 2010.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 103.

PROJECT NARRATIVE

Date: 03 March 2010
Client: ECS- Wilmington
Project: Wrightsville Avenue REC
Lab ID: C001792

Overview

This report is an amendment to the original report dated 03 March 2010 for this work order. This report was revised, at the client's request, to update the sample IDs.

Environmental Conservation Laboratories, Inc. (ENCO) analyzed all submitted samples in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by ENCO are discussed in the QC Remarks section below.

Quality Control Samples

No Comments

Quality Control Remarks

No Comments

Other Comments

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative or in the Flags/Notes and Definitions section of the report.

Released By:
Environmental Conservation Laboratories, Inc.

Stephanie Franz
Project Manager

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: S-14-0-1 **Lab ID:** C001792-01 **Sampled:** 02/23/10 10:15 **Received:** 02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:05
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 14:58
EPA 8260B	03/09/10		02/25/10	16:19	2/25/2010 23:27

Client ID: S-14-0-1 **Lab ID:** C001792-01RE1 **Sampled:** 02/23/10 10:15 **Received:** 02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8270D	03/09/10	04/06/10	02/25/10	14:11	3/1/2010 11:53

Client ID: S-14-3-4 **Lab ID:** C001792-02 **Sampled:** 02/23/10 10:20 **Received:** 02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:26
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:13
EPA 8260B	03/09/10		02/25/10	16:19	2/25/2010 23:56
EPA 8270D	03/09/10	04/06/10	02/25/10	14:11	2/26/2010 14:05

Client ID: S-15-0-1 **Lab ID:** C001792-03 **Sampled:** 02/23/10 10:35 **Received:** 02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:28
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:16
EPA 8260B	03/09/10		02/25/10	16:19	2/26/2010 00:24
EPA 8270D	03/09/10	04/06/10	02/25/10	14:11	2/26/2010 14:32

Client ID: S-15-3-4 **Lab ID:** C001792-04 **Sampled:** 02/23/10 10:40 **Received:** 02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:31
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:20
EPA 8260B	03/09/10		02/25/10	16:19	2/26/2010 00:53
EPA 8270D	03/09/10	04/06/10	02/25/10	14:11	2/26/2010 15:00

Client ID: S-16-0-2 **Lab ID:** C001792-05 **Sampled:** 02/23/10 12:30 **Received:** 02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:33
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:28
EPA 8260B	03/09/10		02/25/10	16:19	2/26/2010 01:22

Client ID: S-16-0-2 **Lab ID:** C001792-05RE1 **Sampled:** 02/23/10 12:30 **Received:** 02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8270D	03/09/10	04/06/10	02/25/10	14:11	3/1/2010 12:20

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Client ID:	S-16-3-4	Lab ID:	C001792-06	Sampled:	02/23/10 12:35	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:36
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:32
EPA 8260B	03/09/10		02/25/10	16:19	2/26/2010 01:51

Client ID:	S-16-3-4	Lab ID:	C001792-06RE1	Sampled:	02/23/10 12:35	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8270D	03/09/10	04/06/10	02/25/10	14:11	3/1/2010 12:47

Client ID:	S-17-1-2	Lab ID:	C001792-07	Sampled:	02/23/10 12:45	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:38
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:34
EPA 8260B	03/09/10		02/25/10	16:19	2/26/2010 02:20
EPA 8270D	03/09/10	04/06/10	02/25/10	14:11	2/26/2010 20:38

Client ID:	S-17-3-4	Lab ID:	C001792-08	Sampled:	02/23/10 12:50	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:40
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:37
EPA 8260B	03/09/10		02/25/10	16:19	2/26/2010 02:48
EPA 8270D	03/09/10	04/06/10	02/25/10	14:11	2/26/2010 15:28

Client ID:	S-18-1-2	Lab ID:	C001792-09	Sampled:	02/23/10 13:00	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:50
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:40
EPA 8260B	03/09/10		02/25/10	16:19	2/26/2010 03:17
EPA 8270D	03/09/10	04/06/10	02/25/10	14:11	2/26/2010 18:47

Client ID:	S-18-3-4	Lab ID:	C001792-10	Sampled:	02/23/10 13:10	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:52
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:43
EPA 8260B	03/09/10		02/25/10	16:19	2/26/2010 03:46
EPA 8270D	03/09/10	04/06/10	02/25/10	14:11	2/26/2010 15:56

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Client ID:	S-19-0-1	Lab ID:	C001792-11	Sampled:	02/23/10 13:15	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:55
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:46
EPA 8260B	03/09/10		02/25/10	16:19	2/26/2010 04:15
EPA 8270D	03/09/10	04/07/10	02/26/10	08:11	2/26/2010 16:23

Client ID:	S-19-2-3	Lab ID:	C001792-12	Sampled:	02/23/10 13:20	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 12:57
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:49
EPA 8260B	03/09/10		02/26/10	10:17	2/26/2010 14:43
EPA 8270D	03/09/10	04/07/10	02/26/10	08:11	2/26/2010 16:51

Client ID:	S-20-1-2	Lab ID:	C001792-13	Sampled:	02/23/10 09:15	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 13:00
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:53
EPA 8260B	03/09/10		02/26/10	10:17	2/26/2010 15:12

Client ID:	S-20-1-2	Lab ID:	C001792-13RE1	Sampled:	02/23/10 09:15	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8270D	03/09/10	04/07/10	02/26/10	08:11	3/1/2010 13:15

Client ID:	S-20-3-4	Lab ID:	C001792-14	Sampled:	02/23/10 09:20	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 13:02
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 15:56
EPA 8260B	03/09/10		02/26/10	10:17	2/26/2010 15:40
EPA 8270D	03/09/10	04/07/10	02/26/10	08:11	2/26/2010 20:10

Client ID:	S-21-2-3	Lab ID:	C001792-15	Sampled:	02/23/10 09:35	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 13:04
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 16:04
EPA 8260B	03/09/10		02/26/10	10:17	2/26/2010 16:09
EPA 8270D	03/09/10	04/07/10	02/26/10	08:11	2/26/2010 17:52

Client ID:	S-21-4-5	Lab ID:	C001792-16	Sampled:	02/23/10 09:40	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 13:07
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 16:09
EPA 8270D	03/09/10	04/07/10	02/26/10	08:11	2/26/2010 18:19

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Client ID:	S-21-4-5	Lab ID:	C001792-16RE1	Sampled:	02/23/10 09:40	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	03/09/10		03/02/10	08:49	3/2/2010 14:35

Client ID:	S-22-1-2	Lab ID:	C001792-17	Sampled:	02/23/10 09:55	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 13:09
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 16:11
EPA 8260B	03/09/10		02/26/10	10:17	2/26/2010 16:38
EPA 8270D	03/09/10	04/07/10	02/26/10	08:11	2/26/2010 21:06

Client ID:	S-22-3-4	Lab ID:	C001792-18	Sampled:	02/23/10 10:00	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 13:12
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 16:14
EPA 8260B	03/09/10		02/26/10	10:17	2/26/2010 17:07

Client ID:	S-22-3-4	Lab ID:	C001792-18RE1	Sampled:	02/23/10 10:00	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8270D	03/09/10	04/07/10	02/26/10	08:11	3/1/2010 14:10

Client ID:	Dup	Lab ID:	C001792-19	Sampled:	02/23/10 00:00	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/22/10		02/25/10	09:57	2/26/2010 13:21
EPA 7471B	03/23/10		02/25/10	10:01	2/25/2010 16:17
EPA 8260B	03/09/10		02/26/10	10:17	2/26/2010 17:36
EPA 8270D	03/09/10	04/07/10	02/26/10	08:11	2/26/2010 19:15

Client ID:	Trip Blank	Lab ID:	C001792-20	Sampled:	02/23/10 09:15	Received:	02/24/10 09:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	03/09/10		02/24/10	14:29	2/25/2010 11:45

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SAMPLE DETECTION SUMMARY

Client ID: S-14-0-1 **Lab ID:** C001792-01

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
4-Isopropyltoluene	0.00072	J	0.00015	0.0011	mg/kg dry	EPA 8260B	
Acetone	0.082		0.0010	0.0053	mg/kg dry	EPA 8260B	
Antimony - Total	1.36		0.127	1.16	mg/kg dry	EPA 6010C	
Arsenic - Total	18.2		0.116	0.579	mg/kg dry	EPA 6010C	
Benzene	0.00063	J	0.00012	0.0011	mg/kg dry	EPA 8260B	
Beryllium - Total	0.534		0.0139	0.0579	mg/kg dry	EPA 6010C	
Cadmium - Total	0.518		0.0111	0.0579	mg/kg dry	EPA 6010C	
Chromium - Total	12.6		0.116	0.579	mg/kg dry	EPA 6010C	
Copper - Total	31.2		0.220	0.579	mg/kg dry	EPA 6010C	
Ethylbenzene	0.00072	J	0.00011	0.0011	mg/kg dry	EPA 8260B	
Lead - Total	308		0.139	0.579	mg/kg dry	EPA 6010C	
Mercury - Total	0.0474		0.00614	0.0116	mg/kg dry	EPA 7471B	
Naphthalene	0.0032		0.00017	0.0011	mg/kg dry	EPA 8260B	
Nickel - Total	9.04		0.417	2.90	mg/kg dry	EPA 6010C	
Selenium - Total	1.75		0.116	0.579	mg/kg dry	EPA 6010C	
Silver - Total	0.758		0.116	0.579	mg/kg dry	EPA 6010C	
Toluene	0.00067	J	0.00013	0.0011	mg/kg dry	EPA 8260B	
Zinc - Total	140		1.27	2.90	mg/kg dry	EPA 6010C	

Client ID: S-14-0-1 **Lab ID:** C001792-01RE1

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Benzo(a)anthracene	0.15		0.0067	0.038	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.22		0.0042	0.038	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.26		0.0067	0.038	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.16		0.0070	0.038	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.089		0.0070	0.038	mg/kg dry	EPA 8270D	
Chrysene	0.17		0.0082	0.038	mg/kg dry	EPA 8270D	
Dibenzo(a,h)anthracene	0.042		0.0070	0.038	mg/kg dry	EPA 8270D	
Fluoranthene	0.19		0.0068	0.038	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.14		0.0070	0.038	mg/kg dry	EPA 8270D	
Pyrene	0.20		0.0075	0.038	mg/kg dry	EPA 8270D	

Client ID: S-14-3-4 **Lab ID:** C001792-02

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1,2,2-Tetrachloroethane	0.00051	J	0.00014	0.00090	mg/kg dry	EPA 8260B	
Acetone	0.014		0.00088	0.0045	mg/kg dry	EPA 8260B	
Arsenic - Total	0.376	J	0.111	0.553	mg/kg dry	EPA 6010C	
Chromium - Total	0.895		0.111	0.553	mg/kg dry	EPA 6010C	
Lead - Total	1.27		0.133	0.553	mg/kg dry	EPA 6010C	
Selenium - Total	0.237	J	0.111	0.553	mg/kg dry	EPA 6010C	
Thallium - Total	0.128	J	0.111	0.553	mg/kg dry	EPA 6010C	

Client ID: S-15-0-1 **Lab ID:** C001792-03

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.0049		0.00083	0.0042	mg/kg dry	EPA 8260B	
Antimony - Total	0.338	J	0.122	1.10	mg/kg dry	EPA 6010C	
Arsenic - Total	0.670		0.110	0.552	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.14		0.0064	0.036	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.20		0.0040	0.036	mg/kg dry	EPA 8270D	

Client ID: S-15-0-1 **Lab ID:** C001792-03

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Benzo(b)fluoranthene	0.27		0.0064	0.036	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.15		0.0066	0.036	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.088		0.0066	0.036	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0444	J	0.0133	0.0552	mg/kg dry	EPA 6010C	
Cadmium - Total	0.0826		0.0106	0.0552	mg/kg dry	EPA 6010C	
Chromium - Total	3.52		0.110	0.552	mg/kg dry	EPA 6010C	
Chrysene	0.16		0.0078	0.036	mg/kg dry	EPA 8270D	
Copper - Total	3.53		0.210	0.552	mg/kg dry	EPA 6010C	
Fluoranthene	0.23		0.0065	0.036	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.13		0.0066	0.036	mg/kg dry	EPA 8270D	
Lead - Total	39.6		0.133	0.552	mg/kg dry	EPA 6010C	
Mercury - Total	0.0193		0.00586	0.0110	mg/kg dry	EPA 7471B	
Nickel - Total	0.848	J	0.398	2.76	mg/kg dry	EPA 6010C	
Phenanthrene	0.044		0.0081	0.036	mg/kg dry	EPA 8270D	
Pyrene	0.21		0.0072	0.036	mg/kg dry	EPA 8270D	
Silver - Total	0.223	J	0.110	0.552	mg/kg dry	EPA 6010C	
Zinc - Total	32.3		1.22	2.76	mg/kg dry	EPA 6010C	

Client ID: S-15-3-4 **Lab ID:** C001792-04

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.017		0.0015	0.0077	mg/kg dry	EPA 8260B	
Antimony - Total	2.16		0.142	1.29	mg/kg dry	EPA 6010C	
Arsenic - Total	161		0.129	0.643	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.16		0.0075	0.042	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.18		0.0046	0.042	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.25		0.0075	0.042	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.12		0.0077	0.042	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.086		0.0077	0.042	mg/kg dry	EPA 8270D	
Beryllium - Total	1.93		0.0154	0.0643	mg/kg dry	EPA 6010C	
Cadmium - Total	0.393		0.0123	0.0643	mg/kg dry	EPA 6010C	
Chromium - Total	10.6		0.129	0.643	mg/kg dry	EPA 6010C	
Chrysene	0.17		0.0091	0.042	mg/kg dry	EPA 8270D	
Copper - Total	45.6		0.244	0.643	mg/kg dry	EPA 6010C	
Fluoranthene	0.35		0.0076	0.042	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.10		0.0077	0.042	mg/kg dry	EPA 8270D	
Lead - Total	38.5		0.154	0.643	mg/kg dry	EPA 6010C	
Mercury - Total	0.0544		0.00682	0.0129	mg/kg dry	EPA 7471B	
Nickel - Total	23.7		0.463	3.22	mg/kg dry	EPA 6010C	
Phenanthrene	0.15		0.0094	0.042	mg/kg dry	EPA 8270D	
Pyrene	0.28		0.0084	0.042	mg/kg dry	EPA 8270D	
Selenium - Total	2.05		0.129	0.643	mg/kg dry	EPA 6010C	
Silver - Total	0.495	J	0.129	0.643	mg/kg dry	EPA 6010C	
Zinc - Total	62.7		1.42	3.22	mg/kg dry	EPA 6010C	

Client ID: S-16-0-2 **Lab ID:** C001792-05

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.0040	J	0.00095	0.0049	mg/kg dry	EPA 8260B	
Antimony - Total	0.223	J	0.136	1.23	mg/kg dry	EPA 6010C	
Arsenic - Total	1.62		0.123	0.617	mg/kg dry	EPA 6010C	
Beryllium - Total	0.0348	J	0.0148	0.0617	mg/kg dry	EPA 6010C	
Cadmium - Total	0.195		0.0119	0.0617	mg/kg dry	EPA 6010C	

Client ID: S-16-0-2			Lab ID: C001792-05				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Chromium - Total	6.27		0.123	0.617	mg/kg dry	EPA 6010C	
Copper - Total	5.71		0.235	0.617	mg/kg dry	EPA 6010C	
Lead - Total	37.5		0.148	0.617	mg/kg dry	EPA 6010C	
Mercury - Total	0.0984		0.00654	0.0123	mg/kg dry	EPA 7471B	
Nickel - Total	1.91	J	0.445	3.09	mg/kg dry	EPA 6010C	
Silver - Total	0.235	J	0.123	0.617	mg/kg dry	EPA 6010C	
Zinc - Total	60.7		1.36	3.09	mg/kg dry	EPA 6010C	

Client ID: S-16-0-2			Lab ID: C001792-05RE1				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Anthracene	0.078		0.0083	0.041	mg/kg dry	EPA 8270D	
Benzo(a)anthracene	2.4		0.0072	0.041	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	3.1		0.0044	0.041	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	3.7		0.0072	0.041	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	1.3		0.0074	0.041	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	1.2		0.0074	0.041	mg/kg dry	EPA 8270D	
Chrysene	2.1		0.0088	0.041	mg/kg dry	EPA 8270D	
Dibenzo(a,h)anthracene	0.30		0.0074	0.041	mg/kg dry	EPA 8270D	
Fluoranthene	4.1		0.0073	0.041	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	1.3		0.0074	0.041	mg/kg dry	EPA 8270D	
Phenanthrene	0.14		0.0090	0.041	mg/kg dry	EPA 8270D	
Pyrene	4.1		0.0080	0.041	mg/kg dry	EPA 8270D	

Client ID: S-16-3-4			Lab ID: C001792-06				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Acetone	0.014		0.00096	0.0049	mg/kg dry	EPA 8260B	
Antimony - Total	1.57		0.122	1.11	mg/kg dry	EPA 6010C	
Arsenic - Total	1.03		0.111	0.556	mg/kg dry	EPA 6010C	
Beryllium - Total	0.0295	J	0.0133	0.0556	mg/kg dry	EPA 6010C	
Cadmium - Total	0.266		0.0107	0.0556	mg/kg dry	EPA 6010C	
Chromium - Total	6.59		0.111	0.556	mg/kg dry	EPA 6010C	
Copper - Total	6.70		0.211	0.556	mg/kg dry	EPA 6010C	
Lead - Total	427		0.133	0.556	mg/kg dry	EPA 6010C	
Mercury - Total	0.103		0.00589	0.0111	mg/kg dry	EPA 7471B	
Nickel - Total	2.03	J	0.400	2.78	mg/kg dry	EPA 6010C	
Selenium - Total	0.148	J	0.111	0.556	mg/kg dry	EPA 6010C	
Silver - Total	0.265	J	0.111	0.556	mg/kg dry	EPA 6010C	
Zinc - Total	140		1.22	2.78	mg/kg dry	EPA 6010C	

Client ID: S-16-3-4			Lab ID: C001792-06RE1				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Anthracene	0.17		0.0074	0.037	mg/kg dry	EPA 8270D	
Benzo(a)anthracene	1.4		0.0064	0.037	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	1.5		0.0040	0.037	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	1.8		0.0064	0.037	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.52		0.0067	0.037	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.64		0.0067	0.037	mg/kg dry	EPA 8270D	
Chrysene	1.3		0.0079	0.037	mg/kg dry	EPA 8270D	
Dibenzo(a,h)anthracene	0.18		0.0067	0.037	mg/kg dry	EPA 8270D	
Fluoranthene	2.2		0.0066	0.037	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.55		0.0067	0.037	mg/kg dry	EPA 8270D	

Client ID: S-16-3-4 **Lab ID:** C001792-06RE1

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Phenanthrene	0.49		0.0081	0.037	mg/kg dry	EPA 8270D	
Pyrene	1.9		0.0072	0.037	mg/kg dry	EPA 8270D	

Client ID: S-17-1-2 **Lab ID:** C001792-07

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.052		0.0011	0.0055	mg/kg dry	EPA 8260B	
Antimony - Total	0.477	J	0.122	1.11	mg/kg dry	EPA 6010C	
Arsenic - Total	0.869		0.111	0.554	mg/kg dry	EPA 6010C	
Benzo(a)pyrene	0.037		0.0040	0.037	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.059		0.0064	0.037	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0168	J	0.0133	0.0554	mg/kg dry	EPA 6010C	
Cadmium - Total	0.120		0.0106	0.0554	mg/kg dry	EPA 6010C	
Chromium - Total	1.55		0.111	0.554	mg/kg dry	EPA 6010C	
Copper - Total	3.31		0.211	0.554	mg/kg dry	EPA 6010C	
Fluoranthene	0.055		0.0065	0.037	mg/kg dry	EPA 8270D	
Lead - Total	70.0		0.133	0.554	mg/kg dry	EPA 6010C	
Mercury - Total	0.0464		0.00588	0.0111	mg/kg dry	EPA 7471B	
Nickel - Total	0.760	J	0.399	2.77	mg/kg dry	EPA 6010C	
Pyrene	0.048		0.0072	0.037	mg/kg dry	EPA 8270D	
Silver - Total	0.167	J	0.111	0.554	mg/kg dry	EPA 6010C	
Zinc - Total	81.1		1.22	2.77	mg/kg dry	EPA 6010C	

Client ID: S-17-3-4 **Lab ID:** C001792-08

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.0054		0.00088	0.0045	mg/kg dry	EPA 8260B	
Antimony - Total	0.331	J	0.129	1.17	mg/kg dry	EPA 6010C	
Arsenic - Total	0.688		0.117	0.586	mg/kg dry	EPA 6010C	
Beryllium - Total	0.0276	J	0.0141	0.0586	mg/kg dry	EPA 6010C	
Chromium - Total	3.77		0.117	0.586	mg/kg dry	EPA 6010C	
Copper - Total	0.626		0.223	0.586	mg/kg dry	EPA 6010C	
Lead - Total	3.39		0.141	0.586	mg/kg dry	EPA 6010C	
Mercury - Total	0.0473		0.00622	0.0117	mg/kg dry	EPA 7471B	
Nickel - Total	0.763	J	0.422	2.93	mg/kg dry	EPA 6010C	
Silver - Total	0.128	J	0.117	0.586	mg/kg dry	EPA 6010C	

Client ID: S-18-1-2 **Lab ID:** C001792-09

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Antimony - Total	0.240	J	0.122	1.11	mg/kg dry	EPA 6010C	
Arsenic - Total	2.16		0.111	0.554	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.096		0.0064	0.037	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.12		0.0040	0.037	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.15		0.0064	0.037	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.070		0.0066	0.037	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.059		0.0066	0.037	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0407	J	0.0133	0.0554	mg/kg dry	EPA 6010C	
Cadmium - Total	0.423		0.0106	0.0554	mg/kg dry	EPA 6010C	
Chromium - Total	6.37		0.111	0.554	mg/kg dry	EPA 6010C	
Chrysene	0.10		0.0079	0.037	mg/kg dry	EPA 8270D	
Copper - Total	13.2		0.210	0.554	mg/kg dry	EPA 6010C	
Fluoranthene	0.19		0.0065	0.037	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.066		0.0066	0.037	mg/kg dry	EPA 8270D	

Client ID: S-18-1-2 **Lab ID:** C001792-09

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Lead - Total	178		0.133	0.554	mg/kg dry	EPA 6010C	
Mercury - Total	0.0848		0.00587	0.0111	mg/kg dry	EPA 7471B	
Nickel - Total	3.58		0.399	2.77	mg/kg dry	EPA 6010C	
Phenanthrene	0.063		0.0081	0.037	mg/kg dry	EPA 8270D	
Pyrene	0.17		0.0072	0.037	mg/kg dry	EPA 8270D	
Selenium - Total	0.210	J	0.111	0.554	mg/kg dry	EPA 6010C	
Silver - Total	0.435	J	0.111	0.554	mg/kg dry	EPA 6010C	
Zinc - Total	113		1.22	2.77	mg/kg dry	EPA 6010C	

Client ID: S-18-3-4 **Lab ID:** C001792-10

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.011		0.00094	0.0048	mg/kg dry	EPA 8260B	
Arsenic - Total	0.565		0.110	0.552	mg/kg dry	EPA 6010C	
Benzo(b)fluoranthene	0.040		0.0064	0.036	mg/kg dry	EPA 8270D	
Cadmium - Total	0.0450	J	0.0106	0.0552	mg/kg dry	EPA 6010C	
Chromium - Total	1.04		0.110	0.552	mg/kg dry	EPA 6010C	
Copper - Total	1.15		0.210	0.552	mg/kg dry	EPA 6010C	
Lead - Total	7.62		0.132	0.552	mg/kg dry	EPA 6010C	
Mercury - Total	0.0555		0.00585	0.0110	mg/kg dry	EPA 7471B	
Nickel - Total	0.539	J	0.397	2.76	mg/kg dry	EPA 6010C	
Zinc - Total	23.0		1.21	2.76	mg/kg dry	EPA 6010C	

Client ID: S-19-0-1 **Lab ID:** C001792-11

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.0043	J	0.00096	0.0049	mg/kg dry	EPA 8260B	
Antimony - Total	0.588	J	0.118	1.07	mg/kg dry	EPA 6010C	
Arsenic - Total	3.17		0.107	0.536	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.054		0.0062	0.035	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.064		0.0039	0.035	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.097		0.0062	0.035	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.050		0.0064	0.035	mg/kg dry	EPA 8270D	
Beryllium - Total	0.105		0.0129	0.0536	mg/kg dry	EPA 6010C	
Cadmium - Total	0.249		0.0103	0.0536	mg/kg dry	EPA 6010C	
Chromium - Total	5.32		0.107	0.536	mg/kg dry	EPA 6010C	
Chrysene	0.072		0.0076	0.035	mg/kg dry	EPA 8270D	
Copper - Total	2.90		0.204	0.536	mg/kg dry	EPA 6010C	
Fluoranthene	0.11		0.0063	0.035	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.043		0.0064	0.035	mg/kg dry	EPA 8270D	
Lead - Total	16.7		0.129	0.536	mg/kg dry	EPA 6010C	
Mercury - Total	0.0514		0.00569	0.0107	mg/kg dry	EPA 7471B	
Nickel - Total	5.27		0.386	2.68	mg/kg dry	EPA 6010C	
Pyrene	0.11		0.0070	0.035	mg/kg dry	EPA 8270D	
Silver - Total	0.933		0.107	0.536	mg/kg dry	EPA 6010C	
Thallium - Total	0.340	J	0.107	0.536	mg/kg dry	EPA 6010C	
Zinc - Total	22.7		1.18	2.68	mg/kg dry	EPA 6010C	

Client ID: S-19-2-3 **Lab ID:** C001792-12

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.0076		0.00093	0.0047	mg/kg dry	EPA 8260B	
Antimony - Total	0.558	J	0.122	1.11	mg/kg dry	EPA 6010C	
Arsenic - Total	1.02		0.111	0.554	mg/kg dry	EPA 6010C	

Client ID: S-19-2-3			Lab ID: C001792-12				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Benzo(a)anthracene	0.074		0.0064	0.037	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.074		0.0040	0.037	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.10		0.0064	0.037	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.055		0.0067	0.037	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.037		0.0067	0.037	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0457	J	0.0133	0.0554	mg/kg dry	EPA 6010C	
Cadmium - Total	0.125		0.0106	0.0554	mg/kg dry	EPA 6010C	
Chromium - Total	3.23		0.111	0.554	mg/kg dry	EPA 6010C	
Chrysene	0.063		0.0079	0.037	mg/kg dry	EPA 8270D	
Copper - Total	5.68		0.211	0.554	mg/kg dry	EPA 6010C	
Fluoranthene	0.13		0.0065	0.037	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.048		0.0067	0.037	mg/kg dry	EPA 8270D	
Lead - Total	98.3		0.133	0.554	mg/kg dry	EPA 6010C	
Mercury - Total	0.115		0.00587	0.0111	mg/kg dry	EPA 7471B	
Nickel - Total	1.59	J	0.399	2.77	mg/kg dry	EPA 6010C	
Phenanthrene	0.052		0.0081	0.037	mg/kg dry	EPA 8270D	
Pyrene	0.11		0.0072	0.037	mg/kg dry	EPA 8270D	
Selenium - Total	0.227	J	0.111	0.554	mg/kg dry	EPA 6010C	
Silver - Total	0.289	J	0.111	0.554	mg/kg dry	EPA 6010C	
Zinc - Total	61.5		1.22	2.77	mg/kg dry	EPA 6010C	

Client ID: S-20-1-2			Lab ID: C001792-13				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Acetone	0.0090		0.00095	0.0049	mg/kg dry	EPA 8260B	
Antimony - Total	0.298	J	0.121	1.10	mg/kg dry	EPA 6010C	
Arsenic - Total	1.08		0.110	0.549	mg/kg dry	EPA 6010C	
Beryllium - Total	0.0499	J	0.0132	0.0549	mg/kg dry	EPA 6010C	
Cadmium - Total	0.113		0.0105	0.0549	mg/kg dry	EPA 6010C	
Chromium - Total	3.07		0.110	0.549	mg/kg dry	EPA 6010C	
Copper - Total	4.92		0.208	0.549	mg/kg dry	EPA 6010C	
Lead - Total	48.9		0.132	0.549	mg/kg dry	EPA 6010C	
Mercury - Total	0.0736		0.00581	0.0110	mg/kg dry	EPA 7471B	
Nickel - Total	0.963	J	0.395	2.74	mg/kg dry	EPA 6010C	
Silver - Total	0.193	J	0.110	0.549	mg/kg dry	EPA 6010C	
Zinc - Total	51.5		1.21	2.74	mg/kg dry	EPA 6010C	

Client ID: S-20-1-2			Lab ID: C001792-13RE1				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
2-Methylnaphthalene	0.040		0.0059	0.036	mg/kg dry	EPA 8270D	
Acenaphthene	0.13		0.0052	0.036	mg/kg dry	EPA 8270D	
Anthracene	0.22		0.0074	0.036	mg/kg dry	EPA 8270D	
Benzo(a)anthracene	0.48		0.0064	0.036	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.42		0.0039	0.036	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.57		0.0064	0.036	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.19		0.0066	0.036	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.19		0.0066	0.036	mg/kg dry	EPA 8270D	
Chrysene	0.47		0.0078	0.036	mg/kg dry	EPA 8270D	
Dibenzo(a,h)anthracene	0.066		0.0066	0.036	mg/kg dry	EPA 8270D	
Fluoranthene	1.1		0.0065	0.036	mg/kg dry	EPA 8270D	
Fluorene	0.095		0.0066	0.036	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.20		0.0066	0.036	mg/kg dry	EPA 8270D	

Client ID: S-20-1-2 **Lab ID:** C001792-13RE1

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Naphthalene	0.051		0.0059	0.036	mg/kg dry	EPA 8270D	
Phenanthrene	0.83		0.0080	0.036	mg/kg dry	EPA 8270D	
Pyrene	0.82		0.0071	0.036	mg/kg dry	EPA 8270D	

Client ID: S-20-3-4 **Lab ID:** C001792-14

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.016		0.0011	0.0055	mg/kg dry	EPA 8260B	
Antimony - Total	0.209	J	0.138	1.26	mg/kg dry	EPA 6010C	
Arsenic - Total	0.712		0.126	0.629	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.092		0.0073	0.042	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.10		0.0045	0.042	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.14		0.0073	0.042	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.059		0.0076	0.042	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.055		0.0076	0.042	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0282	J	0.0151	0.0629	mg/kg dry	EPA 6010C	
Cadmium - Total	0.0526	J	0.0121	0.0629	mg/kg dry	EPA 6010C	
Chromium - Total	1.68		0.126	0.629	mg/kg dry	EPA 6010C	
Chrysene	0.092		0.0089	0.042	mg/kg dry	EPA 8270D	
Copper - Total	1.48		0.239	0.629	mg/kg dry	EPA 6010C	
Fluoranthene	0.17		0.0074	0.042	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.055		0.0076	0.042	mg/kg dry	EPA 8270D	
Lead - Total	13.1		0.151	0.629	mg/kg dry	EPA 6010C	
Mercury - Total	0.0170		0.00667	0.0126	mg/kg dry	EPA 7471B	
Phenanthrene	0.059		0.0092	0.042	mg/kg dry	EPA 8270D	
Pyrene	0.14		0.0082	0.042	mg/kg dry	EPA 8270D	
Zinc - Total	13.6		1.38	3.15	mg/kg dry	EPA 6010C	

Client ID: S-21-2-3 **Lab ID:** C001792-15

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1-Methylnaphthalene	0.040		0.0071	0.039	mg/kg dry	EPA 8270D	
2-Methylnaphthalene	0.095		0.0064	0.039	mg/kg dry	EPA 8270D	
Antimony - Total	0.273	J	0.131	1.19	mg/kg dry	EPA 6010C	
Arsenic - Total	1.75		0.119	0.593	mg/kg dry	EPA 6010C	
Beryllium - Total	0.0635		0.0142	0.0593	mg/kg dry	EPA 6010C	
Cadmium - Total	0.163		0.0114	0.0593	mg/kg dry	EPA 6010C	
Chromium - Total	4.86		0.119	0.593	mg/kg dry	EPA 6010C	
Copper - Total	5.06		0.225	0.593	mg/kg dry	EPA 6010C	
Lead - Total	43.4		0.142	0.593	mg/kg dry	EPA 6010C	
Mercury - Total	0.0315		0.00629	0.0119	mg/kg dry	EPA 7471B	
Naphthalene	0.051		0.0064	0.039	mg/kg dry	EPA 8270D	
Nickel - Total	1.72	J	0.427	2.97	mg/kg dry	EPA 6010C	
Silver - Total	0.287	J	0.119	0.593	mg/kg dry	EPA 6010C	
Zinc - Total	46.5		1.31	2.97	mg/kg dry	EPA 6010C	

Client ID: S-21-4-5 **Lab ID:** C001792-16

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1-Methylnaphthalene	15	D	0.028	0.15	mg/kg dry	EPA 8270D	
2-Methylnaphthalene	2.0		0.0063	0.039	mg/kg dry	EPA 8270D	
Acenaphthene	0.34		0.0055	0.039	mg/kg dry	EPA 8270D	
Anthracene	0.47		0.0079	0.039	mg/kg dry	EPA 8270D	
Antimony - Total	0.329	J	0.129	1.17	mg/kg dry	EPA 6010C	

Client ID: S-21-4-5 **Lab ID:** C001792-16

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	4.88		0.117	0.586	mg/kg dry	EPA 6010C	
Beryllium - Total	0.0827		0.0141	0.0586	mg/kg dry	EPA 6010C	
Cadmium - Total	0.154		0.0113	0.0586	mg/kg dry	EPA 6010C	
Chromium - Total	5.08		0.117	0.586	mg/kg dry	EPA 6010C	
Copper - Total	8.14		0.223	0.586	mg/kg dry	EPA 6010C	
Fluorene	1.4		0.0070	0.039	mg/kg dry	EPA 8270D	
Lead - Total	45.0		0.141	0.586	mg/kg dry	EPA 6010C	
Mercury - Total	0.0504		0.00622	0.0117	mg/kg dry	EPA 7471B	
Naphthalene	1.4		0.0063	0.039	mg/kg dry	EPA 8270D	
Nickel - Total	1.89	J	0.422	2.93	mg/kg dry	EPA 6010C	
Silver - Total	0.279	J	0.117	0.586	mg/kg dry	EPA 6010C	
Zinc - Total	93.4		1.29	2.93	mg/kg dry	EPA 6010C	

Client ID: S-21-4-5 **Lab ID:** C001792-16RE1

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Naphthalene	0.36	D	0.014	0.085	mg/kg dry	EPA 8260B	
n-Butyl Benzene	0.037	JD	0.013	0.085	mg/kg dry	EPA 8260B	

Client ID: S-22-1-2 **Lab ID:** C001792-17

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.028		0.0011	0.0055	mg/kg dry	EPA 8260B	
Antimony - Total	0.383	J	0.122	1.11	mg/kg dry	EPA 6010C	
Arsenic - Total	2.00		0.111	0.554	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.078		0.0064	0.037	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.096		0.0040	0.037	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.14		0.0064	0.037	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.048		0.0067	0.037	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0766		0.0133	0.0554	mg/kg dry	EPA 6010C	
Cadmium - Total	0.0407	J	0.0106	0.0554	mg/kg dry	EPA 6010C	
Chromium - Total	5.42		0.111	0.554	mg/kg dry	EPA 6010C	
Chrysene	0.096		0.0079	0.037	mg/kg dry	EPA 8270D	
Copper - Total	5.44		0.211	0.554	mg/kg dry	EPA 6010C	
Fluoranthene	0.15		0.0065	0.037	mg/kg dry	EPA 8270D	
Lead - Total	23.6		0.133	0.554	mg/kg dry	EPA 6010C	
Mercury - Total	0.0324		0.00588	0.0111	mg/kg dry	EPA 7471B	
Nickel - Total	1.33	J	0.399	2.77	mg/kg dry	EPA 6010C	
Phenanthrene	0.059		0.0081	0.037	mg/kg dry	EPA 8270D	
Pyrene	0.14		0.0072	0.037	mg/kg dry	EPA 8270D	
Silver - Total	0.249	J	0.111	0.554	mg/kg dry	EPA 6010C	
Tetrachloroethene	0.0051		0.00023	0.0011	mg/kg dry	EPA 8260B	
Thallium - Total	0.161	J	0.111	0.554	mg/kg dry	EPA 6010C	
Zinc - Total	23.0		1.22	2.77	mg/kg dry	EPA 6010C	

Client ID: S-22-3-4 **Lab ID:** C001792-18

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
4-Isopropyltoluene	0.00067	J	0.00013	0.00094	mg/kg dry	EPA 8260B	
Acetone	0.024		0.00092	0.0047	mg/kg dry	EPA 8260B	
Antimony - Total	0.538	J	0.134	1.22	mg/kg dry	EPA 6010C	
Arsenic - Total	2.27		0.122	0.610	mg/kg dry	EPA 6010C	
Beryllium - Total	0.124		0.0146	0.0610	mg/kg dry	EPA 6010C	
Cadmium - Total	0.615		0.0117	0.0610	mg/kg dry	EPA 6010C	

Client ID: S-22-3-4			Lab ID: C001792-18				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Chromium - Total	5.29		0.122	0.610	mg/kg dry	EPA 6010C	
Copper - Total	5.22		0.232	0.610	mg/kg dry	EPA 6010C	
Lead - Total	70.1		0.146	0.610	mg/kg dry	EPA 6010C	
Mercury - Total	0.0311		0.00647	0.0122	mg/kg dry	EPA 7471B	
Nickel - Total	2.35	J	0.439	3.05	mg/kg dry	EPA 6010C	
Selenium - Total	0.738		0.122	0.610	mg/kg dry	EPA 6010C	
Silver - Total	0.554	J	0.122	0.610	mg/kg dry	EPA 6010C	
Zinc - Total	97.2		1.34	3.05	mg/kg dry	EPA 6010C	

Client ID: S-22-3-4			Lab ID: C001792-18RE1				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Acenaphthylene	0.17		0.0087	0.040	mg/kg dry	EPA 8270D	
Anthracene	0.094		0.0082	0.040	mg/kg dry	EPA 8270D	
Benzo(a)anthracene	0.80		0.0071	0.040	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	1.1		0.0044	0.040	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	1.4		0.0071	0.040	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.53		0.0073	0.040	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.48		0.0073	0.040	mg/kg dry	EPA 8270D	
Chrysene	0.90		0.0087	0.040	mg/kg dry	EPA 8270D	
Dibenzo(a,h)anthracene	0.053		0.0073	0.040	mg/kg dry	EPA 8270D	
Fluoranthene	1.6		0.0072	0.040	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.56		0.0073	0.040	mg/kg dry	EPA 8270D	
Phenanthrene	0.41		0.0089	0.040	mg/kg dry	EPA 8270D	
Pyrene	1.3		0.0079	0.040	mg/kg dry	EPA 8270D	

Client ID: Dup			Lab ID: C001792-19				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Acetone	0.011		0.0011	0.0054	mg/kg dry	EPA 8260B	
Arsenic - Total	0.732		0.128	0.640	mg/kg dry	EPA 6010C	
Benzo(a)anthracene	0.17		0.0074	0.042	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.19		0.0046	0.042	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.25		0.0074	0.042	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.094		0.0077	0.042	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.081		0.0077	0.042	mg/kg dry	EPA 8270D	
Beryllium - Total	0.0375	J	0.0154	0.0640	mg/kg dry	EPA 6010C	
Cadmium - Total	0.101		0.0123	0.0640	mg/kg dry	EPA 6010C	
Chromium - Total	4.01		0.128	0.640	mg/kg dry	EPA 6010C	
Chrysene	0.17		0.0091	0.042	mg/kg dry	EPA 8270D	
Copper - Total	2.79		0.243	0.640	mg/kg dry	EPA 6010C	
Fluoranthene	0.36		0.0076	0.042	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.094		0.0077	0.042	mg/kg dry	EPA 8270D	
Lead - Total	26.7		0.154	0.640	mg/kg dry	EPA 6010C	
Mercury - Total	0.0331		0.00679	0.0128	mg/kg dry	EPA 7471B	
Nickel - Total	0.605	J	0.461	3.20	mg/kg dry	EPA 6010C	
Phenanthrene	0.12		0.0093	0.042	mg/kg dry	EPA 8270D	
Pyrene	0.29		0.0083	0.042	mg/kg dry	EPA 8270D	
Zinc - Total	20.0		1.41	3.20	mg/kg dry	EPA 6010C	

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ANALYTICAL RESULTS

Description: S-14-0-1
Matrix: Soil
Project: Wrightsville Avenue REC

Lab Sample ID: C001792-01
Sampled: 02/23/10 10:15
Sampled By: Amy Conchas

Received: 02/24/10 09:30
Work Order: C001792
% Solids: 86.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00084	U	mg/kg dry	1	0.00084	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
2-Butanone [78-93-3] ^	0.00047	U	mg/kg dry	1	0.00047	0.0053	0B25028	EPA 8260B	02/25/10 23:27	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0053	0B25028	EPA 8260B	02/25/10 23:27	JKG	
2-Chlorotoluene [95-49-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
2-Hexanone [591-78-6] ^	0.00035	U	mg/kg dry	1	0.00035	0.0053	0B25028	EPA 8260B	02/25/10 23:27	JKG	
4-Chlorotoluene [106-43-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
4-Isopropyltoluene [99-87-6] ^	**0.00072**	J	mg/kg dry	1	0.00015	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00033	U	mg/kg dry	1	0.00033	0.0053	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Acetone [67-64-1] ^	**0.082**		mg/kg dry	1	0.0010	0.0053	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Benzene [71-43-2] ^	**0.00063**	J	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Bromobenzene [108-86-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Bromochloromethane [74-97-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Bromodichloromethane [75-27-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Bromoform [75-25-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Carbon disulfide [75-15-0] ^	0.00021	U	mg/kg dry	1	0.00021	0.0053	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Chloroethane [75-00-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Chloroform [67-66-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Chloromethane [74-87-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Dibromochloromethane [124-48-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Dibromomethane [74-95-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Ethylbenzene [100-41-4] ^	**0.00072**	J	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	

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Description:	S-14-0-1	**Lab Sample ID:**	C001792-01	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:15	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	86.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Isopropylbenzene [98-82-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.0021	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Methylene Chloride [75-09-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Naphthalene [91-20-3] ^	**0.0032**		mg/kg dry	1	0.00017	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
n-Butyl Benzene [104-51-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
n-Propyl Benzene [103-65-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
o-Xylene [95-47-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
sec-Butylbenzene [135-98-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
tert-Butylbenzene [98-06-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Tetrachloroethene [127-18-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Toluene [108-88-3] ^	**0.00067**	J	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Trichloroethene [79-01-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Vinyl chloride [75-01-4] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	
Xylenes (Total) [1330-20-7] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	0B25028	EPA 8260B	02/25/10 23:27	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/25/10 23:27*	*JKG*	
Dibromofluoromethane	*49*	*1*	*50.0*	*97 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/25/10 23:27*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*100 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/25/10 23:27*	*JKG*	

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0070	U	mg/kg dry	1	0.0070	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0063	U	mg/kg dry	1	0.0063	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Acenaphthene [83-32-9] ^	0.0054	U	mg/kg dry	1	0.0054	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Acenaphthylene [208-96-8] ^	0.0082	U	mg/kg dry	1	0.0082	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Anthracene [120-12-7] ^	0.0078	U	mg/kg dry	1	0.0078	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.15**		mg/kg dry	1	0.0067	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.22**		mg/kg dry	1	0.0042	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.26**		mg/kg dry	1	0.0067	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.16**		mg/kg dry	1	0.0070	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.089**		mg/kg dry	1	0.0070	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Chrysene [218-01-9] ^	**0.17**		mg/kg dry	1	0.0082	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	**0.042**		mg/kg dry	1	0.0070	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Fluoranthene [206-44-0] ^	**0.19**		mg/kg dry	1	0.0068	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Fluorene [86-73-7] ^	0.0070	U	mg/kg dry	1	0.0070	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.14**		mg/kg dry	1	0.0070	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Naphthalene [91-20-3] ^	0.0063	U	mg/kg dry	1	0.0063	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Phenanthrene [85-01-8] ^	0.0085	U	mg/kg dry	1	0.0085	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	
Pyrene [129-00-0] ^	**0.20**		mg/kg dry	1	0.0075	0.038	0B25023	EPA 8270D	03/01/10 11:53	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.90*	*1*	*0.772*	*117 %*	*64-161*	*0B25023*	*EPA 8270D*	*03/01/10 11:53*	*DFM*	

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Description:	S-14-0-1	**Lab Sample ID:**	C001792-01	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:15	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	86.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**1.36**		mg/kg dry	1	0.127	1.16	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Arsenic [7440-38-2] ^	**18.2**		mg/kg dry	1	0.116	0.579	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Beryllium [7440-41-7] ^	**0.534**		mg/kg dry	1	0.0139	0.0579	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Cadmium [7440-43-9] ^	**0.518**		mg/kg dry	1	0.0111	0.0579	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Chromium [7440-47-3] ^	**12.6**		mg/kg dry	1	0.116	0.579	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Copper [7440-50-8] ^	**31.2**		mg/kg dry	1	0.220	0.579	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Lead [7439-92-1] ^	**308**		mg/kg dry	1	0.139	0.579	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Mercury [7439-97-6] ^	**0.0474**		mg/kg dry	1	0.00614	0.0116	0B25009	EPA 7471B	02/25/10 14:58	NLH	
Nickel [7440-02-0] ^	**9.04**		mg/kg dry	1	0.417	2.90	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Selenium [7782-49-2] ^	**1.75**		mg/kg dry	1	0.116	0.579	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Silver [7440-22-4] ^	**0.758**		mg/kg dry	1	0.116	0.579	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Thallium [7440-28-0] ^	0.116	U	mg/kg dry	1	0.116	0.579	0B25008	EPA 6010C	02/26/10 12:05	JDH	
Zinc [7440-66-6] ^	**140**		mg/kg dry	1	1.27	2.90	0B25008	EPA 6010C	02/26/10 12:05	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-14-3-4	**Lab Sample ID:**	C001792-02	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.4

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	**0.00051**	J	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00072	U	mg/kg dry	1	0.00072	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00015	U	mg/kg dry	1	0.00015	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
2-Butanone [78-93-3] ^	0.00040	U	mg/kg dry	1	0.00040	0.0045	0B25028	EPA 8260B	02/25/10 23:56	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00031	U	mg/kg dry	1	0.00031	0.0045	0B25028	EPA 8260B	02/25/10 23:56	JKG	
2-Chlorotoluene [95-49-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
2-Hexanone [591-78-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0045	0B25028	EPA 8260B	02/25/10 23:56	JKG	
4-Chlorotoluene [106-43-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0045	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Acetone [67-64-1] ^	**0.014**		mg/kg dry	1	0.00088	0.0045	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Benzene [71-43-2] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Bromobenzene [108-86-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Bromochloromethane [74-97-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Bromodichloromethane [75-27-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Bromoform [75-25-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Bromomethane [74-83-9] ^	0.00020	U	mg/kg dry	1	0.00020	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Carbon disulfide [75-15-0] ^	0.00018	U	mg/kg dry	1	0.00018	0.0045	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Chlorobenzene [108-90-7] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Chloroethane [75-00-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Chloroform [67-66-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Chloromethane [74-87-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Dibromochloromethane [124-48-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Dibromomethane [74-95-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Ethylbenzene [100-41-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Isopropylbenzene [98-82-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0018	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Methylene Chloride [75-09-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	

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Description:	S-14-3-4	**Lab Sample ID:**	C001792-02	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.4

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Naphthalene [91-20-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
n-Butyl Benzene [104-51-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
n-Propyl Benzene [103-65-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
o-Xylene [95-47-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
sec-Butylbenzene [135-98-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Styrene [100-42-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
tert-Butylbenzene [98-06-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Tetrachloroethene [127-18-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Toluene [108-88-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Trichloroethene [79-01-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Vinyl chloride [75-01-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	
Xylenes (Total) [1330-20-7] ^	0.00027	U	mg/kg dry	1	0.00027	0.00090	0B25028	EPA 8260B	02/25/10 23:56	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/25/10 23:56*	*JKG*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/25/10 23:56*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*97 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/25/10 23:56*	*JKG*	

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Description:	S-14-3-4	**Lab Sample ID:**	C001792-02	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.4

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0066	U	mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Acenaphthene [83-32-9] ^	0.0052	U	mg/kg dry	1	0.0052	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Acenaphthylene [208-96-8] ^	0.0079	U	mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Anthracene [120-12-7] ^	0.0074	U	mg/kg dry	1	0.0074	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Benzo(a)anthracene [56-55-3] ^	0.0064	U	mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Benzo(a)pyrene [50-32-8] ^	0.0040	U	mg/kg dry	1	0.0040	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.0064	U	mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.0066	U	mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.0066	U	mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Chrysene [218-01-9] ^	0.0079	U	mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0066	U	mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	QV-01
Fluoranthene [206-44-0] ^	0.0065	U	mg/kg dry	1	0.0065	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Fluorene [86-73-7] ^	0.0066	U	mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.0066	U	mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Naphthalene [91-20-3] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Phenanthrene [85-01-8] ^	0.0081	U	mg/kg dry	1	0.0081	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	
Pyrene [129-00-0] ^	0.0072	U	mg/kg dry	1	0.0072	0.037	0B25023	EPA 8270D	02/26/10 14:05	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.85*	*1*	*0.738*	*116 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 14:05*	*DFM*	

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Description:	S-14-3-4	**Lab Sample ID:**	C001792-02	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.4

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.122	U	mg/kg dry	1	0.122	1.11	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Arsenic [7440-38-2] ^	**0.376**	J	mg/kg dry	1	0.111	0.553	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Beryllium [7440-41-7] ^	0.0133	U	mg/kg dry	1	0.0133	0.0553	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Cadmium [7440-43-9] ^	0.0106	U	mg/kg dry	1	0.0106	0.0553	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Chromium [7440-47-3] ^	**0.895**		mg/kg dry	1	0.111	0.553	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Copper [7440-50-8] ^	0.210	U	mg/kg dry	1	0.210	0.553	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Lead [7439-92-1] ^	**1.27**		mg/kg dry	1	0.133	0.553	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Mercury [7439-97-6] ^	0.00586	U	mg/kg dry	1	0.00586	0.0111	0B25009	EPA 7471B	02/25/10 15:13	NLH	
Nickel [7440-02-0] ^	0.398	U	mg/kg dry	1	0.398	2.77	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Selenium [7782-49-2] ^	**0.237**	J	mg/kg dry	1	0.111	0.553	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Silver [7440-22-4] ^	0.111	U	mg/kg dry	1	0.111	0.553	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Thallium [7440-28-0] ^	**0.128**	J	mg/kg dry	1	0.111	0.553	0B25008	EPA 6010C	02/26/10 12:26	JDH	
Zinc [7440-66-6] ^	1.22	U	mg/kg dry	1	1.22	2.77	0B25008	EPA 6010C	02/26/10 12:26	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-15-0-1	**Lab Sample ID:**	C001792-03	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00035	U	mg/kg dry	1	0.00035	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00068	U	mg/kg dry	1	0.00068	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00014	U	mg/kg dry	1	0.00014	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00012	U	mg/kg dry	1	0.00012	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00014	U	mg/kg dry	1	0.00014	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00012	U	mg/kg dry	1	0.00012	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00010	U	mg/kg dry	1	0.00010	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00009	U	mg/kg dry	1	0.00009	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
2-Butanone [78-93-3] ^	0.00038	U	mg/kg dry	1	0.00038	0.0042	0B25028	EPA 8260B	02/26/10 00:24	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00030	U	mg/kg dry	1	0.00030	0.0042	0B25028	EPA 8260B	02/26/10 00:24	JKG	
2-Chlorotoluene [95-49-8] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
2-Hexanone [591-78-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.0042	0B25028	EPA 8260B	02/26/10 00:24	JKG	
4-Chlorotoluene [106-43-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.0042	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Acetone [67-64-1] ^	**0.0049**		mg/kg dry	1	0.00083	0.0042	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Benzene [71-43-2] ^	0.00009	U	mg/kg dry	1	0.00009	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Bromobenzene [108-86-1] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Bromochloromethane [74-97-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Bromodichloromethane [75-27-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Bromoform [75-25-2] ^	0.00015	U	mg/kg dry	1	0.00015	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Bromomethane [74-83-9] ^	0.00019	U	mg/kg dry	1	0.00019	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Carbon disulfide [75-15-0] ^	0.00017	U	mg/kg dry	1	0.00017	0.0042	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00010	U	mg/kg dry	1	0.00010	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Chlorobenzene [108-90-7] ^	0.00014	U	mg/kg dry	1	0.00014	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Chloroethane [75-00-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Chloroform [67-66-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Chloromethane [74-87-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Dibromochloromethane [124-48-1] ^	0.00017	U	mg/kg dry	1	0.00017	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Dibromomethane [74-95-3] ^	0.00009	U	mg/kg dry	1	0.00009	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Ethylbenzene [100-41-4] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Isopropylbenzene [98-82-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0017	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Methylene Chloride [75-09-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	

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Description:	S-15-0-1	**Lab Sample ID:**	C001792-03	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Naphthalene [91-20-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
n-Butyl Benzene [104-51-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
n-Propyl Benzene [103-65-1] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
o-Xylene [95-47-6] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
sec-Butylbenzene [135-98-8] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Styrene [100-42-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
tert-Butylbenzene [98-06-6] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Tetrachloroethene [127-18-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Toluene [108-88-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00010	U	mg/kg dry	1	0.00010	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Trichloroethene [79-01-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00008	U	mg/kg dry	1	0.00008	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Vinyl chloride [75-01-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	
Xylenes (Total) [1330-20-7] ^	0.00025	U	mg/kg dry	1	0.00025	0.00085	0B25028	EPA 8260B	02/26/10 00:24	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/26/10 00:24*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/26/10 00:24*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*95 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/26/10 00:24*	*JKG*	

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Description:	S-15-0-1	**Lab Sample ID:**	C001792-03	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.5

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0066	U	mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Acenaphthene [83-32-9] ^	0.0052	U	mg/kg dry	1	0.0052	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Acenaphthylene [208-96-8] ^	0.0078	U	mg/kg dry	1	0.0078	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Anthracene [120-12-7] ^	0.0074	U	mg/kg dry	1	0.0074	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.14**		mg/kg dry	1	0.0064	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.20**		mg/kg dry	1	0.0040	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.27**		mg/kg dry	1	0.0064	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.15**		mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.088**		mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Chrysene [218-01-9] ^	**0.16**		mg/kg dry	1	0.0078	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0066	U	mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	QV-01
Fluoranthene [206-44-0] ^	**0.23**		mg/kg dry	1	0.0065	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Fluorene [86-73-7] ^	0.0066	U	mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.13**		mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Naphthalene [91-20-3] ^	0.0060	U	mg/kg dry	1	0.0060	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Phenanthrene [85-01-8] ^	**0.044**		mg/kg dry	1	0.0081	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	
Pyrene [129-00-0] ^	**0.21**		mg/kg dry	1	0.0072	0.036	0B25023	EPA 8270D	02/26/10 14:32	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.92*	*1*	*0.737*	*126 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 14:32*	*DFM*	

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Description:	S-15-0-1	**Lab Sample ID:**	C001792-03	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.5

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.338**	J	mg/kg dry	1	0.122	1.10	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Arsenic [7440-38-2] ^	**0.670**		mg/kg dry	1	0.110	0.552	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Beryllium [7440-41-7] ^	**0.0444**	J	mg/kg dry	1	0.0133	0.0552	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Cadmium [7440-43-9] ^	**0.0826**		mg/kg dry	1	0.0106	0.0552	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Chromium [7440-47-3] ^	**3.52**		mg/kg dry	1	0.110	0.552	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Copper [7440-50-8] ^	**3.53**		mg/kg dry	1	0.210	0.552	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Lead [7439-92-1] ^	**39.6**		mg/kg dry	1	0.133	0.552	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Mercury [7439-97-6] ^	**0.0193**		mg/kg dry	1	0.00586	0.0110	0B25009	EPA 7471B	02/25/10 15:16	NLH	
Nickel [7440-02-0] ^	**0.848**	J	mg/kg dry	1	0.398	2.76	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Selenium [7782-49-2] ^	0.110	U	mg/kg dry	1	0.110	0.552	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Silver [7440-22-4] ^	**0.223**	J	mg/kg dry	1	0.110	0.552	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Thallium [7440-28-0] ^	0.110	U	mg/kg dry	1	0.110	0.552	0B25008	EPA 6010C	02/26/10 12:28	JDH	
Zinc [7440-66-6] ^	**32.3**		mg/kg dry	1	1.22	2.76	0B25008	EPA 6010C	02/26/10 12:28	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-15-3-4	**Lab Sample ID:**	C001792-04	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:40	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	77.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00063	U	mg/kg dry	1	0.00063	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.0012	U	mg/kg dry	1	0.0012	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00026	U	mg/kg dry	1	0.00026	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
2-Butanone [78-93-3] ^	0.00069	U	mg/kg dry	1	0.00069	0.0077	0B25028	EPA 8260B	02/26/10 00:53	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0077	0B25028	EPA 8260B	02/26/10 00:53	JKG	
2-Chlorotoluene [95-49-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
2-Hexanone [591-78-6] ^	0.00051	U	mg/kg dry	1	0.00051	0.0077	0B25028	EPA 8260B	02/26/10 00:53	JKG	
4-Chlorotoluene [106-43-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00048	U	mg/kg dry	1	0.00048	0.0077	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Acetone [67-64-1] ^	**0.017**		mg/kg dry	1	0.0015	0.0077	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Bromobenzene [108-86-1] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Bromochloromethane [74-97-5] ^	0.00038	U	mg/kg dry	1	0.00038	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Bromodichloromethane [75-27-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Bromoform [75-25-2] ^	0.00028	U	mg/kg dry	1	0.00028	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Bromomethane [74-83-9] ^	0.00034	U	mg/kg dry	1	0.00034	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Carbon disulfide [75-15-0] ^	0.00031	U	mg/kg dry	1	0.00031	0.0077	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Chlorobenzene [108-90-7] ^	0.00025	U	mg/kg dry	1	0.00025	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Chloroethane [75-00-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Chloroform [67-66-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Chloromethane [74-87-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Dibromochloromethane [124-48-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Dibromomethane [74-95-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Ethylbenzene [100-41-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Isopropylbenzene [98-82-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00032	U	mg/kg dry	1	0.00032	0.0031	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Methylene Chloride [75-09-2] ^	0.00034	U	mg/kg dry	1	0.00034	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	

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Description:	S-15-3-4	**Lab Sample ID:**	C001792-04	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:40	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	77.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Naphthalene [91-20-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
n-Butyl Benzene [104-51-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
n-Propyl Benzene [103-65-1] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
o-Xylene [95-47-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
sec-Butylbenzene [135-98-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Styrene [100-42-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
tert-Butylbenzene [98-06-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Tetrachloroethene [127-18-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Toluene [108-88-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Trichloroethene [79-01-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Vinyl chloride [75-01-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	
Xylenes (Total) [1330-20-7] ^	0.00046	U	mg/kg dry	1	0.00046	0.0015	0B25028	EPA 8260B	02/26/10 00:53	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*91 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/26/10 00:53*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*99 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/26/10 00:53*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/26/10 00:53*	*JKG*	

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Description:	S-15-3-4	**Lab Sample ID:**	C001792-04	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:40	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	77.7

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0077	U	mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0069	U	mg/kg dry	1	0.0069	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Acenaphthene [83-32-9] ^	0.0060	U	mg/kg dry	1	0.0060	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Acenaphthylene [208-96-8] ^	0.0091	U	mg/kg dry	1	0.0091	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Anthracene [120-12-7] ^	0.0086	U	mg/kg dry	1	0.0086	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.16**		mg/kg dry	1	0.0075	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.18**		mg/kg dry	1	0.0046	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.25**		mg/kg dry	1	0.0075	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.12**		mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.086**		mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Chrysene [218-01-9] ^	**0.17**		mg/kg dry	1	0.0091	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0077	U	mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	QV-01
Fluoranthene [206-44-0] ^	**0.35**		mg/kg dry	1	0.0076	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Fluorene [86-73-7] ^	0.0077	U	mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.10**		mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Naphthalene [91-20-3] ^	0.0069	U	mg/kg dry	1	0.0069	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Phenanthrene [85-01-8] ^	**0.15**		mg/kg dry	1	0.0094	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	
Pyrene [129-00-0] ^	**0.28**		mg/kg dry	1	0.0084	0.042	0B25023	EPA 8270D	02/26/10 15:00	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*1.0*	*1*	*0.858*	*121 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 15:00*	*DFM*	

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Description:	S-15-3-4	**Lab Sample ID:**	C001792-04	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:40	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	77.7

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**2.16**		mg/kg dry	1	0.142	1.29	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Arsenic [7440-38-2] ^	**161**		mg/kg dry	1	0.129	0.643	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Beryllium [7440-41-7] ^	**1.93**		mg/kg dry	1	0.0154	0.0643	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Cadmium [7440-43-9] ^	**0.393**		mg/kg dry	1	0.0123	0.0643	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Chromium [7440-47-3] ^	**10.6**		mg/kg dry	1	0.129	0.643	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Copper [7440-50-8] ^	**45.6**		mg/kg dry	1	0.244	0.643	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Lead [7439-92-1] ^	**38.5**		mg/kg dry	1	0.154	0.643	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Mercury [7439-97-6] ^	**0.0544**		mg/kg dry	1	0.00682	0.0129	0B25009	EPA 7471B	02/25/10 15:20	NLH	
Nickel [7440-02-0] ^	**23.7**		mg/kg dry	1	0.463	3.22	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Selenium [7782-49-2] ^	**2.05**		mg/kg dry	1	0.129	0.643	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Silver [7440-22-4] ^	**0.495**	J	mg/kg dry	1	0.129	0.643	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Thallium [7440-28-0] ^	0.129	U	mg/kg dry	1	0.129	0.643	0B25008	EPA 6010C	02/26/10 12:31	JDH	
Zinc [7440-66-6] ^	**62.7**		mg/kg dry	1	1.42	3.22	0B25008	EPA 6010C	02/26/10 12:31	JDH	

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Description:	S-16-0-2	**Lab Sample ID:**	C001792-05	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:30	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	81.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00014	U	mg/kg dry	1	0.00014	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00014	U	mg/kg dry	1	0.00014	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
2-Butanone [78-93-3] ^	0.00044	U	mg/kg dry	1	0.00044	0.0049	0B25028	EPA 8260B	02/26/10 01:22	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0049	0B25028	EPA 8260B	02/26/10 01:22	JKG	
2-Chlorotoluene [95-49-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
2-Hexanone [591-78-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.0049	0B25028	EPA 8260B	02/26/10 01:22	JKG	
4-Chlorotoluene [106-43-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0049	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Acetone [67-64-1] ^	**0.0040**	J	mg/kg dry	1	0.00095	0.0049	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Benzene [71-43-2] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Bromobenzene [108-86-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Bromochloromethane [74-97-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Bromodichloromethane [75-27-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Bromoform [75-25-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Bromomethane [74-83-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Carbon disulfide [75-15-0] ^	0.00019	U	mg/kg dry	1	0.00019	0.0049	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Chlorobenzene [108-90-7] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Chloroethane [75-00-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Chloroform [67-66-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Chloromethane [74-87-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Dibromochloromethane [124-48-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Dibromomethane [74-95-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Ethylbenzene [100-41-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Isopropylbenzene [98-82-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0019	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Methylene Chloride [75-09-2] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	

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Description:	S-16-0-2	**Lab Sample ID:**	C001792-05	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:30	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	81.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Naphthalene [91-20-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
n-Butyl Benzene [104-51-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
n-Propyl Benzene [103-65-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
o-Xylene [95-47-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
sec-Butylbenzene [135-98-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Styrene [100-42-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
tert-Butylbenzene [98-06-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Tetrachloroethene [127-18-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Toluene [108-88-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Trichloroethene [79-01-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Vinyl chloride [75-01-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	
Xylenes (Total) [1330-20-7] ^	0.00029	U	mg/kg dry	1	0.00029	0.00097	0B25028	EPA 8260B	02/26/10 01:22	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*97 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/26/10 01:22*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*101 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/26/10 01:22*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*97 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/26/10 01:22*	*JKG*	

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0074	U	mg/kg dry	1	0.0074	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0067	U	mg/kg dry	1	0.0067	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Acenaphthene [83-32-9] ^	0.0058	U	mg/kg dry	1	0.0058	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Acenaphthylene [208-96-8] ^	0.0088	U	mg/kg dry	1	0.0088	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Anthracene [120-12-7] ^	**0.078**		mg/kg dry	1	0.0083	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Benzo(a)anthracene [56-55-3] ^	**2.4**		mg/kg dry	1	0.0072	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Benzo(a)pyrene [50-32-8] ^	**3.1**		mg/kg dry	1	0.0044	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**3.7**		mg/kg dry	1	0.0072	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**1.3**		mg/kg dry	1	0.0074	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**1.2**		mg/kg dry	1	0.0074	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Chrysene [218-01-9] ^	**2.1**		mg/kg dry	1	0.0088	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	**0.30**		mg/kg dry	1	0.0074	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Fluoranthene [206-44-0] ^	**4.1**		mg/kg dry	1	0.0073	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Fluorene [86-73-7] ^	0.0074	U	mg/kg dry	1	0.0074	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**1.3**		mg/kg dry	1	0.0074	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Naphthalene [91-20-3] ^	0.0067	U	mg/kg dry	1	0.0067	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Phenanthrene [85-01-8] ^	**0.14**		mg/kg dry	1	0.0090	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	
Pyrene [129-00-0] ^	**4.1**		mg/kg dry	1	0.0080	0.041	0B25023	EPA 8270D	03/01/10 12:20	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.91*	*1*	*0.823*	*111 %*	*64-161*	*0B25023*	*EPA 8270D*	*03/01/10 12:20*	*DFM*	

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

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Description:	S-16-0-2	**Lab Sample ID:**	C001792-05	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:30	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	81.0

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.223**	J	mg/kg dry	1	0.136	1.23	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Arsenic [7440-38-2] ^	**1.62**		mg/kg dry	1	0.123	0.617	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Beryllium [7440-41-7] ^	**0.0348**	J	mg/kg dry	1	0.0148	0.0617	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Cadmium [7440-43-9] ^	**0.195**		mg/kg dry	1	0.0119	0.0617	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Chromium [7440-47-3] ^	**6.27**		mg/kg dry	1	0.123	0.617	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Copper [7440-50-8] ^	**5.71**		mg/kg dry	1	0.235	0.617	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Lead [7439-92-1] ^	**37.5**		mg/kg dry	1	0.148	0.617	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Mercury [7439-97-6] ^	**0.0984**		mg/kg dry	1	0.00654	0.0123	0B25009	EPA 7471B	02/25/10 15:28	NLH	
Nickel [7440-02-0] ^	**1.91**	J	mg/kg dry	1	0.445	3.09	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Selenium [7782-49-2] ^	0.123	U	mg/kg dry	1	0.123	0.617	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Silver [7440-22-4] ^	**0.235**	J	mg/kg dry	1	0.123	0.617	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Thallium [7440-28-0] ^	0.123	U	mg/kg dry	1	0.123	0.617	0B25008	EPA 6010C	02/26/10 12:33	JDH	
Zinc [7440-66-6] ^	**60.7**		mg/kg dry	1	1.36	3.09	0B25008	EPA 6010C	02/26/10 12:33	JDH	

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Description:	S-16-3-4	**Lab Sample ID:**	C001792-06	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00014	U	mg/kg dry	1	0.00014	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00014	U	mg/kg dry	1	0.00014	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
2-Butanone [78-93-3] ^	0.00044	U	mg/kg dry	1	0.00044	0.0049	0B25028	EPA 8260B	02/26/10 01:51	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0049	0B25028	EPA 8260B	02/26/10 01:51	JKG	
2-Chlorotoluene [95-49-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
2-Hexanone [591-78-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.0049	0B25028	EPA 8260B	02/26/10 01:51	JKG	
4-Chlorotoluene [106-43-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0049	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Acetone [67-64-1] ^	**0.014**		mg/kg dry	1	0.00096	0.0049	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Benzene [71-43-2] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Bromobenzene [108-86-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Bromochloromethane [74-97-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Bromodichloromethane [75-27-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Bromoform [75-25-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Bromomethane [74-83-9] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Carbon disulfide [75-15-0] ^	0.00020	U	mg/kg dry	1	0.00020	0.0049	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Chlorobenzene [108-90-7] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Chloroethane [75-00-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Chloroform [67-66-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Chloromethane [74-87-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Dibromochloromethane [124-48-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Dibromomethane [74-95-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Ethylbenzene [100-41-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Isopropylbenzene [98-82-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.0020	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Methylene Chloride [75-09-2] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	

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Description:	S-16-3-4	**Lab Sample ID:**	C001792-06	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Naphthalene [91-20-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
n-Butyl Benzene [104-51-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
n-Propyl Benzene [103-65-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
o-Xylene [95-47-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
sec-Butylbenzene [135-98-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Styrene [100-42-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
tert-Butylbenzene [98-06-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Tetrachloroethene [127-18-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Toluene [108-88-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Trichloroethene [79-01-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Vinyl chloride [75-01-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	
Xylenes (Total) [1330-20-7] ^	0.00029	U	mg/kg dry	1	0.00029	0.00098	0B25028	EPA 8260B	02/26/10 01:51	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/26/10 01:51*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*103 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/26/10 01:51*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*99 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/26/10 01:51*	*JKG*	

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Acenaphthene [83-32-9] ^	0.0052	U	mg/kg dry	1	0.0052	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Acenaphthylene [208-96-8] ^	0.0079	U	mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Anthracene [120-12-7] ^	**0.17**		mg/kg dry	1	0.0074	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Benzo(a)anthracene [56-55-3] ^	**1.4**		mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Benzo(a)pyrene [50-32-8] ^	**1.5**		mg/kg dry	1	0.0040	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**1.8**		mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.52**		mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.64**		mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Chrysene [218-01-9] ^	**1.3**		mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	**0.18**		mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Fluoranthene [206-44-0] ^	**2.2**		mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Fluorene [86-73-7] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.55**		mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Naphthalene [91-20-3] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Phenanthrene [85-01-8] ^	**0.49**		mg/kg dry	1	0.0081	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	
Pyrene [129-00-0] ^	**1.9**		mg/kg dry	1	0.0072	0.037	0B25023	EPA 8270D	03/01/10 12:47	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.76*	*1*	*0.741*	*102 %*	*64-161*	*0B25023*	*EPA 8270D*	*03/01/10 12:47*	*DFM*	

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

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Description:	S-16-3-4	**Lab Sample ID:**	C001792-06	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.0

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**1.57**		mg/kg dry	1	0.122	1.11	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Arsenic [7440-38-2] ^	**1.03**		mg/kg dry	1	0.111	0.556	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Beryllium [7440-41-7] ^	**0.0295**	J	mg/kg dry	1	0.0133	0.0556	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Cadmium [7440-43-9] ^	**0.266**		mg/kg dry	1	0.0107	0.0556	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Chromium [7440-47-3] ^	**6.59**		mg/kg dry	1	0.111	0.556	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Copper [7440-50-8] ^	**6.70**		mg/kg dry	1	0.211	0.556	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Lead [7439-92-1] ^	**427**		mg/kg dry	1	0.133	0.556	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Mercury [7439-97-6] ^	**0.103**		mg/kg dry	1	0.00589	0.0111	0B25009	EPA 7471B	02/25/10 15:32	NLH	
Nickel [7440-02-0] ^	**2.03**	J	mg/kg dry	1	0.400	2.78	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Selenium [7782-49-2] ^	**0.148**	J	mg/kg dry	1	0.111	0.556	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Silver [7440-22-4] ^	**0.265**	J	mg/kg dry	1	0.111	0.556	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Thallium [7440-28-0] ^	0.111	U	mg/kg dry	1	0.111	0.556	0B25008	EPA 6010C	02/26/10 12:36	JDH	
Zinc [7440-66-6] ^	**140**		mg/kg dry	1	1.22	2.78	0B25008	EPA 6010C	02/26/10 12:36	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-17-1-2	**Lab Sample ID:**	C001792-07	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:45	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00089	U	mg/kg dry	1	0.00089	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
2-Butanone [78-93-3] ^	0.00050	U	mg/kg dry	1	0.00050	0.0055	0B25028	EPA 8260B	02/26/10 02:20	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0055	0B25028	EPA 8260B	02/26/10 02:20	JKG	
2-Chlorotoluene [95-49-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
2-Hexanone [591-78-6] ^	0.00037	U	mg/kg dry	1	0.00037	0.0055	0B25028	EPA 8260B	02/26/10 02:20	JKG	
4-Chlorotoluene [106-43-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00034	U	mg/kg dry	1	0.00034	0.0055	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Acetone [67-64-1] ^	**0.052**		mg/kg dry	1	0.0011	0.0055	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Benzene [71-43-2] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Bromobenzene [108-86-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Bromochloromethane [74-97-5] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Bromodichloromethane [75-27-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Bromoform [75-25-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Bromomethane [74-83-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Carbon disulfide [75-15-0] ^	0.00022	U	mg/kg dry	1	0.00022	0.0055	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Chloroethane [75-00-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Chloroform [67-66-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Chloromethane [74-87-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Dibromochloromethane [124-48-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Dibromomethane [74-95-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Ethylbenzene [100-41-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Isopropylbenzene [98-82-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0022	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Methylene Chloride [75-09-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	

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Description:	S-17-1-2	**Lab Sample ID:**	C001792-07	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:45	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Naphthalene [91-20-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
n-Butyl Benzene [104-51-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
n-Propyl Benzene [103-65-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
o-Xylene [95-47-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
sec-Butylbenzene [135-98-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
tert-Butylbenzene [98-06-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Tetrachloroethene [127-18-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Toluene [108-88-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Trichloroethene [79-01-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Vinyl chloride [75-01-4] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	
Xylenes (Total) [1330-20-7] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	0B25028	EPA 8260B	02/26/10 02:20	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*95 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/26/10 02:20*	*JKG*	
Dibromofluoromethane	*52*	*1*	*50.0*	*104 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/26/10 02:20*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*98 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/26/10 02:20*	*JKG*	

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Description:	S-17-1-2	**Lab Sample ID:**	C001792-07	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:45	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Acenaphthene [83-32-9] ^	0.0052	U	mg/kg dry	1	0.0052	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Acenaphthylene [208-96-8] ^	0.0079	U	mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Anthracene [120-12-7] ^	0.0074	U	mg/kg dry	1	0.0074	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Benzo(a)anthracene [56-55-3] ^	0.0064	U	mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.037**		mg/kg dry	1	0.0040	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.059**		mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Chrysene [218-01-9] ^	0.0079	U	mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	QV-01
Fluoranthene [206-44-0] ^	**0.055**		mg/kg dry	1	0.0065	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Fluorene [86-73-7] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Naphthalene [91-20-3] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Phenanthrene [85-01-8] ^	0.0081	U	mg/kg dry	1	0.0081	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	
Pyrene [129-00-0] ^	**0.048**		mg/kg dry	1	0.0072	0.037	0B25023	EPA 8270D	02/26/10 20:38	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.82*	*1*	*0.739*	*112 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 20:38*	*DFM*	

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Description:	S-17-1-2	**Lab Sample ID:**	C001792-07	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:45	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.477**	J	mg/kg dry	1	0.122	1.11	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Arsenic [7440-38-2] ^	**0.869**		mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Beryllium [7440-41-7] ^	**0.0168**	J	mg/kg dry	1	0.0133	0.0554	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Cadmium [7440-43-9] ^	**0.120**		mg/kg dry	1	0.0106	0.0554	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Chromium [7440-47-3] ^	**1.55**		mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Copper [7440-50-8] ^	**3.31**		mg/kg dry	1	0.211	0.554	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Lead [7439-92-1] ^	**70.0**		mg/kg dry	1	0.133	0.554	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Mercury [7439-97-6] ^	**0.0464**		mg/kg dry	1	0.00588	0.0111	0B25009	EPA 7471B	02/25/10 15:34	NLH	
Nickel [7440-02-0] ^	**0.760**	J	mg/kg dry	1	0.399	2.77	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Selenium [7782-49-2] ^	0.111	U	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Silver [7440-22-4] ^	**0.167**	J	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Thallium [7440-28-0] ^	0.111	U	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:38	JDH	
Zinc [7440-66-6] ^	**81.1**		mg/kg dry	1	1.22	2.77	0B25008	EPA 6010C	02/26/10 12:38	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-17-3-4	**Lab Sample ID:**	C001792-08	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:50	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	85.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00072	U	mg/kg dry	1	0.00072	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00015	U	mg/kg dry	1	0.00015	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
2-Butanone [78-93-3] ^	0.00041	U	mg/kg dry	1	0.00041	0.0045	0B25028	EPA 8260B	02/26/10 02:48	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00032	U	mg/kg dry	1	0.00032	0.0045	0B25028	EPA 8260B	02/26/10 02:48	JKG	
2-Chlorotoluene [95-49-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
2-Hexanone [591-78-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0045	0B25028	EPA 8260B	02/26/10 02:48	JKG	
4-Chlorotoluene [106-43-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0045	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Acetone [67-64-1] ^	**0.0054**		mg/kg dry	1	0.00088	0.0045	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Benzene [71-43-2] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Bromobenzene [108-86-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Bromochloromethane [74-97-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Bromodichloromethane [75-27-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Bromoform [75-25-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Bromomethane [74-83-9] ^	0.00020	U	mg/kg dry	1	0.00020	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Carbon disulfide [75-15-0] ^	0.00018	U	mg/kg dry	1	0.00018	0.0045	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Chlorobenzene [108-90-7] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Chloroethane [75-00-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Chloroform [67-66-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Chloromethane [74-87-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Dibromochloromethane [124-48-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Dibromomethane [74-95-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Ethylbenzene [100-41-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Isopropylbenzene [98-82-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0018	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Methylene Chloride [75-09-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	

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Description:	S-17-3-4	**Lab Sample ID:**	C001792-08	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:50	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	85.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Naphthalene [91-20-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
n-Butyl Benzene [104-51-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
n-Propyl Benzene [103-65-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
o-Xylene [95-47-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
sec-Butylbenzene [135-98-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Styrene [100-42-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
tert-Butylbenzene [98-06-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Tetrachloroethene [127-18-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Toluene [108-88-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Trichloroethene [79-01-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Vinyl chloride [75-01-4] ^	0.00014	U	mg/kg dry	1	0.00014	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	
Xylenes (Total) [1330-20-7] ^	0.00027	U	mg/kg dry	1	0.00027	0.00090	0B25028	EPA 8260B	02/26/10 02:48	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*97 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/26/10 02:48*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*101 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/26/10 02:48*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*100 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/26/10 02:48*	*JKG*	

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Description:	S-17-3-4	**Lab Sample ID:**	C001792-08	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:50	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	85.3

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0063	U	mg/kg dry	1	0.0063	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Acenaphthene [83-32-9] ^	0.0055	U	mg/kg dry	1	0.0055	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Acenaphthylene [208-96-8] ^	0.0083	U	mg/kg dry	1	0.0083	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Anthracene [120-12-7] ^	0.0079	U	mg/kg dry	1	0.0079	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Benzo(a)anthracene [56-55-3] ^	0.0068	U	mg/kg dry	1	0.0068	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Benzo(a)pyrene [50-32-8] ^	0.0042	U	mg/kg dry	1	0.0042	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.0068	U	mg/kg dry	1	0.0068	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Chrysene [218-01-9] ^	0.0083	U	mg/kg dry	1	0.0083	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	QV-01
Fluoranthene [206-44-0] ^	0.0069	U	mg/kg dry	1	0.0069	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Fluorene [86-73-7] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Naphthalene [91-20-3] ^	0.0063	U	mg/kg dry	1	0.0063	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Phenanthrene [85-01-8] ^	0.0086	U	mg/kg dry	1	0.0086	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	
Pyrene [129-00-0] ^	0.0076	U	mg/kg dry	1	0.0076	0.039	0B25023	EPA 8270D	02/26/10 15:28	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.93*	*1*	*0.782*	*120 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 15:28*	*DFM*	

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Description:	S-17-3-4	**Lab Sample ID:**	C001792-08	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 12:50	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	85.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.331**	J	mg/kg dry	1	0.129	1.17	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Arsenic [7440-38-2] ^	**0.688**		mg/kg dry	1	0.117	0.586	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Beryllium [7440-41-7] ^	**0.0276**	J	mg/kg dry	1	0.0141	0.0586	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Cadmium [7440-43-9] ^	0.0113	U	mg/kg dry	1	0.0113	0.0586	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Chromium [7440-47-3] ^	**3.77**		mg/kg dry	1	0.117	0.586	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Copper [7440-50-8] ^	**0.626**		mg/kg dry	1	0.223	0.586	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Lead [7439-92-1] ^	**3.39**		mg/kg dry	1	0.141	0.586	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Mercury [7439-97-6] ^	**0.0473**		mg/kg dry	1	0.00622	0.0117	0B25009	EPA 7471B	02/25/10 15:37	NLH	
Nickel [7440-02-0] ^	**0.763**	J	mg/kg dry	1	0.422	2.93	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Selenium [7782-49-2] ^	0.117	U	mg/kg dry	1	0.117	0.586	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Silver [7440-22-4] ^	**0.128**	J	mg/kg dry	1	0.117	0.586	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Thallium [7440-28-0] ^	0.117	U	mg/kg dry	1	0.117	0.586	0B25008	EPA 6010C	02/26/10 12:40	JDH	
Zinc [7440-66-6] ^	1.29	U	mg/kg dry	1	1.29	2.93	0B25008	EPA 6010C	02/26/10 12:40	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-18-1-2	**Lab Sample ID:**	C001792-09	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00008	U	mg/kg dry	1	0.00008	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00057	U	mg/kg dry	1	0.00057	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00012	U	mg/kg dry	1	0.00012	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00010	U	mg/kg dry	1	0.00010	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00008	U	mg/kg dry	1	0.00008	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
2-Butanone [78-93-3] ^	0.00032	U	mg/kg dry	1	0.00032	0.0036	0B25028	EPA 8260B	02/26/10 03:17	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0036	0B25028	EPA 8260B	02/26/10 03:17	JKG	
2-Chlorotoluene [95-49-8] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
2-Hexanone [591-78-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0036	0B25028	EPA 8260B	02/26/10 03:17	JKG	
4-Chlorotoluene [106-43-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.0036	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Acetone [67-64-1] ^	0.00070	U	mg/kg dry	1	0.00070	0.0036	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Benzene [71-43-2] ^	0.00008	U	mg/kg dry	1	0.00008	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Bromobenzene [108-86-1] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Bromochloromethane [74-97-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Bromodichloromethane [75-27-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Bromoform [75-25-2] ^	0.00013	U	mg/kg dry	1	0.00013	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Bromomethane [74-83-9] ^	0.00016	U	mg/kg dry	1	0.00016	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Carbon disulfide [75-15-0] ^	0.00014	U	mg/kg dry	1	0.00014	0.0036	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Chlorobenzene [108-90-7] ^	0.00011	U	mg/kg dry	1	0.00011	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Chloroethane [75-00-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Chloroform [67-66-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Chloromethane [74-87-3] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Dibromochloromethane [124-48-1] ^	0.00014	U	mg/kg dry	1	0.00014	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Dibromomethane [74-95-3] ^	0.00008	U	mg/kg dry	1	0.00008	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Ethylbenzene [100-41-4] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Isopropylbenzene [98-82-8] ^	0.00008	U	mg/kg dry	1	0.00008	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.0014	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Methylene Chloride [75-09-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	

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Description:	S-18-1-2	**Lab Sample ID:**	C001792-09	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Naphthalene [91-20-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
n-Butyl Benzene [104-51-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
n-Propyl Benzene [103-65-1] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
o-Xylene [95-47-6] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
sec-Butylbenzene [135-98-8] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Styrene [100-42-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
tert-Butylbenzene [98-06-6] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Tetrachloroethene [127-18-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Toluene [108-88-3] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00009	U	mg/kg dry	1	0.00009	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00008	U	mg/kg dry	1	0.00008	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Trichloroethene [79-01-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00007	U	mg/kg dry	1	0.00007	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Vinyl chloride [75-01-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	
Xylenes (Total) [1330-20-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.00072	0B25028	EPA 8260B	02/26/10 03:17	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/26/10 03:17*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*102 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/26/10 03:17*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*99 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/26/10 03:17*	*JKG*	

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Description:	S-18-1-2	**Lab Sample ID:**	C001792-09	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.3

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0066	U	mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Acenaphthene [83-32-9] ^	0.0052	U	mg/kg dry	1	0.0052	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Acenaphthylene [208-96-8] ^	0.0079	U	mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Anthracene [120-12-7] ^	0.0074	U	mg/kg dry	1	0.0074	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.096**		mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.12**		mg/kg dry	1	0.0040	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.15**		mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.070**		mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.059**		mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Chrysene [218-01-9] ^	**0.10**		mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0066	U	mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	QV-01
Fluoranthene [206-44-0] ^	**0.19**		mg/kg dry	1	0.0065	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Fluorene [86-73-7] ^	0.0066	U	mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.066**		mg/kg dry	1	0.0066	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Naphthalene [91-20-3] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Phenanthrene [85-01-8] ^	**0.063**		mg/kg dry	1	0.0081	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	
Pyrene [129-00-0] ^	**0.17**		mg/kg dry	1	0.0072	0.037	0B25023	EPA 8270D	02/26/10 18:47	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.87*	*1*	*0.738*	*118 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 18:47*	*DFM*	

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Description:	S-18-1-2	**Lab Sample ID:**	C001792-09	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.240**	J	mg/kg dry	1	0.122	1.11	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Arsenic [7440-38-2] ^	**2.16**		mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Beryllium [7440-41-7] ^	**0.0407**	J	mg/kg dry	1	0.0133	0.0554	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Cadmium [7440-43-9] ^	**0.423**		mg/kg dry	1	0.0106	0.0554	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Chromium [7440-47-3] ^	**6.37**		mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Copper [7440-50-8] ^	**13.2**		mg/kg dry	1	0.210	0.554	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Lead [7439-92-1] ^	**178**		mg/kg dry	1	0.133	0.554	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Mercury [7439-97-6] ^	**0.0848**		mg/kg dry	1	0.00587	0.0111	0B25009	EPA 7471B	02/25/10 15:40	NLH	
Nickel [7440-02-0] ^	**3.58**		mg/kg dry	1	0.399	2.77	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Selenium [7782-49-2] ^	**0.210**	J	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Silver [7440-22-4] ^	**0.435**	J	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Thallium [7440-28-0] ^	0.111	U	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:50	JDH	
Zinc [7440-66-6] ^	**113**		mg/kg dry	1	1.22	2.77	0B25008	EPA 6010C	02/26/10 12:50	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-18-3-4	**Lab Sample ID:**	C001792-10	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:10	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.6

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00077	U	mg/kg dry	1	0.00077	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00013	U	mg/kg dry	1	0.00013	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00011	U	mg/kg dry	1	0.00011	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
2-Butanone [78-93-3] ^	0.00043	U	mg/kg dry	1	0.00043	0.0048	0B25028	EPA 8260B	02/26/10 03:46	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0048	0B25028	EPA 8260B	02/26/10 03:46	JKG	
2-Chlorotoluene [95-49-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
2-Hexanone [591-78-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.0048	0B25028	EPA 8260B	02/26/10 03:46	JKG	
4-Chlorotoluene [106-43-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0048	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Acetone [67-64-1] ^	**0.011**		mg/kg dry	1	0.00094	0.0048	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Benzene [71-43-2] ^	0.00011	U	mg/kg dry	1	0.00011	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Bromobenzene [108-86-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Bromochloromethane [74-97-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Bromodichloromethane [75-27-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Bromoform [75-25-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Bromomethane [74-83-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Carbon disulfide [75-15-0] ^	0.00019	U	mg/kg dry	1	0.00019	0.0048	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Chlorobenzene [108-90-7] ^	0.00015	U	mg/kg dry	1	0.00015	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Chloroethane [75-00-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Chloroform [67-66-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Chloromethane [74-87-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Dibromochloromethane [124-48-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Dibromomethane [74-95-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Ethylbenzene [100-41-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Isopropylbenzene [98-82-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0019	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Methylene Chloride [75-09-2] ^	0.00021	U	mg/kg dry	1	0.00021	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	

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Description:	S-18-3-4	**Lab Sample ID:**	C001792-10	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:10	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.6

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Naphthalene [91-20-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
n-Butyl Benzene [104-51-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
n-Propyl Benzene [103-65-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
o-Xylene [95-47-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
sec-Butylbenzene [135-98-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Styrene [100-42-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
tert-Butylbenzene [98-06-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Tetrachloroethene [127-18-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Toluene [108-88-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Trichloroethene [79-01-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Vinyl chloride [75-01-4] ^	0.00014	U	mg/kg dry	1	0.00014	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	
Xylenes (Total) [1330-20-7] ^	0.00029	U	mg/kg dry	1	0.00029	0.00096	0B25028	EPA 8260B	02/26/10 03:46	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*95 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/26/10 03:46*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/26/10 03:46*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*100 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/26/10 03:46*	*JKG*	

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Description:	S-18-3-4	**Lab Sample ID:**	C001792-10	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:10	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.6

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0066	U	mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Acenaphthene [83-32-9] ^	0.0052	U	mg/kg dry	1	0.0052	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Acenaphthylene [208-96-8] ^	0.0078	U	mg/kg dry	1	0.0078	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Anthracene [120-12-7] ^	0.0074	U	mg/kg dry	1	0.0074	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Benzo(a)anthracene [56-55-3] ^	0.0064	U	mg/kg dry	1	0.0064	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Benzo(a)pyrene [50-32-8] ^	0.0040	U	mg/kg dry	1	0.0040	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.040**		mg/kg dry	1	0.0064	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.0066	U	mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.0066	U	mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Chrysene [218-01-9] ^	0.0078	U	mg/kg dry	1	0.0078	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0066	U	mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	QV-01
Fluoranthene [206-44-0] ^	0.0065	U	mg/kg dry	1	0.0065	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Fluorene [86-73-7] ^	0.0066	U	mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.0066	U	mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Naphthalene [91-20-3] ^	0.0060	U	mg/kg dry	1	0.0060	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Phenanthrene [85-01-8] ^	0.0081	U	mg/kg dry	1	0.0081	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	
Pyrene [129-00-0] ^	0.0072	U	mg/kg dry	1	0.0072	0.036	0B25023	EPA 8270D	02/26/10 15:56	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.84*	*1*	*0.736*	*114 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 15:56*	*DFM*	

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Description:	S-18-3-4	**Lab Sample ID:**	C001792-10	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:10	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.6

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.121	U	mg/kg dry	1	0.121	1.10	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Arsenic [7440-38-2] ^	**0.565**		mg/kg dry	1	0.110	0.552	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Beryllium [7440-41-7] ^	0.0132	U	mg/kg dry	1	0.0132	0.0552	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Cadmium [7440-43-9] ^	**0.0450**	J	mg/kg dry	1	0.0106	0.0552	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Chromium [7440-47-3] ^	**1.04**		mg/kg dry	1	0.110	0.552	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Copper [7440-50-8] ^	**1.15**		mg/kg dry	1	0.210	0.552	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Lead [7439-92-1] ^	**7.62**		mg/kg dry	1	0.132	0.552	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Mercury [7439-97-6] ^	**0.0555**		mg/kg dry	1	0.00585	0.0110	0B25009	EPA 7471B	02/25/10 15:43	NLH	
Nickel [7440-02-0] ^	**0.539**	J	mg/kg dry	1	0.397	2.76	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Selenium [7782-49-2] ^	0.110	U	mg/kg dry	1	0.110	0.552	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Silver [7440-22-4] ^	0.110	U	mg/kg dry	1	0.110	0.552	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Thallium [7440-28-0] ^	0.110	U	mg/kg dry	1	0.110	0.552	0B25008	EPA 6010C	02/26/10 12:52	JDH	
Zinc [7440-66-6] ^	**23.0**		mg/kg dry	1	1.21	2.76	0B25008	EPA 6010C	02/26/10 12:52	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-19-0-1	**Lab Sample ID:**	C001792-11	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:15	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	93.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00014	U	mg/kg dry	1	0.00014	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00014	U	mg/kg dry	1	0.00014	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
2-Butanone [78-93-3] ^	0.00044	U	mg/kg dry	1	0.00044	0.0049	0B25028	EPA 8260B	02/26/10 04:15	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0049	0B25028	EPA 8260B	02/26/10 04:15	JKG	
2-Chlorotoluene [95-49-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
2-Hexanone [591-78-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.0049	0B25028	EPA 8260B	02/26/10 04:15	JKG	
4-Chlorotoluene [106-43-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0049	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Acetone [67-64-1] ^	**0.0043**	J	mg/kg dry	1	0.00096	0.0049	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Benzene [71-43-2] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Bromobenzene [108-86-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Bromochloromethane [74-97-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Bromodichloromethane [75-27-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Bromoform [75-25-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Bromomethane [74-83-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Carbon disulfide [75-15-0] ^	0.00020	U	mg/kg dry	1	0.00020	0.0049	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Chlorobenzene [108-90-7] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Chloroethane [75-00-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Chloroform [67-66-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Chloromethane [74-87-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Dibromochloromethane [124-48-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Dibromomethane [74-95-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Ethylbenzene [100-41-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Isopropylbenzene [98-82-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0020	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Methylene Chloride [75-09-2] ^	0.00021	U	mg/kg dry	1	0.00021	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	

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Description:	S-19-0-1	**Lab Sample ID:**	C001792-11	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:15	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	93.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Naphthalene [91-20-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
n-Butyl Benzene [104-51-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
n-Propyl Benzene [103-65-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
o-Xylene [95-47-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
sec-Butylbenzene [135-98-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Styrene [100-42-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
tert-Butylbenzene [98-06-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Tetrachloroethene [127-18-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Toluene [108-88-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Trichloroethene [79-01-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Vinyl chloride [75-01-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	
Xylenes (Total) [1330-20-7] ^	0.00029	U	mg/kg dry	1	0.00029	0.00098	0B25028	EPA 8260B	02/26/10 04:15	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*61-118*	*0B25028*	*EPA 8260B*	*02/26/10 04:15*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*102 %*	*66-114*	*0B25028*	*EPA 8260B*	*02/26/10 04:15*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*99 %*	*63-118*	*0B25028*	*EPA 8260B*	*02/26/10 04:15*	*JKG*	

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Description:	S-19-0-1	**Lab Sample ID:**	C001792-11	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:15	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	93.2

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0064	U	mg/kg dry	1	0.0064	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0058	U	mg/kg dry	1	0.0058	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Acenaphthene [83-32-9] ^	0.0050	U	mg/kg dry	1	0.0050	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Acenaphthylene [208-96-8] ^	0.0076	U	mg/kg dry	1	0.0076	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Anthracene [120-12-7] ^	0.0072	U	mg/kg dry	1	0.0072	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.054**		mg/kg dry	1	0.0062	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.064**		mg/kg dry	1	0.0039	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.097**		mg/kg dry	1	0.0062	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.050**		mg/kg dry	1	0.0064	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.0064	U	mg/kg dry	1	0.0064	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Chrysene [218-01-9] ^	**0.072**		mg/kg dry	1	0.0076	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0064	U	mg/kg dry	1	0.0064	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	QV-01
Fluoranthene [206-44-0] ^	**0.11**		mg/kg dry	1	0.0063	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Fluorene [86-73-7] ^	0.0064	U	mg/kg dry	1	0.0064	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.043**		mg/kg dry	1	0.0064	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Naphthalene [91-20-3] ^	0.0058	U	mg/kg dry	1	0.0058	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Phenanthrene [85-01-8] ^	0.0078	U	mg/kg dry	1	0.0078	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	
Pyrene [129-00-0] ^	**0.11**		mg/kg dry	1	0.0070	0.035	0B25023	EPA 8270D	02/26/10 16:23	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.80*	*1*	*0.715*	*112 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 16:23*	*DFM*	

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Description:	S-19-0-1	**Lab Sample ID:**	C001792-11	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:15	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	93.2

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.588**	J	mg/kg dry	1	0.118	1.07	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Arsenic [7440-38-2] ^	**3.17**		mg/kg dry	1	0.107	0.536	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Beryllium [7440-41-7] ^	**0.105**		mg/kg dry	1	0.0129	0.0536	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Cadmium [7440-43-9] ^	**0.249**		mg/kg dry	1	0.0103	0.0536	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Chromium [7440-47-3] ^	**5.32**		mg/kg dry	1	0.107	0.536	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Copper [7440-50-8] ^	**2.90**		mg/kg dry	1	0.204	0.536	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Lead [7439-92-1] ^	**16.7**		mg/kg dry	1	0.129	0.536	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Mercury [7439-97-6] ^	**0.0514**		mg/kg dry	1	0.00569	0.0107	0B25009	EPA 7471B	02/25/10 15:46	NLH	
Nickel [7440-02-0] ^	**5.27**		mg/kg dry	1	0.386	2.68	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Selenium [7782-49-2] ^	0.107	U	mg/kg dry	1	0.107	0.536	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Silver [7440-22-4] ^	**0.933**		mg/kg dry	1	0.107	0.536	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Thallium [7440-28-0] ^	**0.340**	J	mg/kg dry	1	0.107	0.536	0B25008	EPA 6010C	02/26/10 12:55	JDH	
Zinc [7440-66-6] ^	**22.7**		mg/kg dry	1	1.18	2.68	0B25008	EPA 6010C	02/26/10 12:55	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-19-2-3	**Lab Sample ID:**	C001792-12	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00076	U	mg/kg dry	1	0.00076	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00013	U	mg/kg dry	1	0.00013	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
2-Butanone [78-93-3] ^	0.00042	U	mg/kg dry	1	0.00042	0.0047	0B26006	EPA 8260B	02/26/10 14:43	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00033	U	mg/kg dry	1	0.00033	0.0047	0B26006	EPA 8260B	02/26/10 14:43	JKG	
2-Chlorotoluene [95-49-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
2-Hexanone [591-78-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.0047	0B26006	EPA 8260B	02/26/10 14:43	JKG	
4-Chlorotoluene [106-43-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00029	U	mg/kg dry	1	0.00029	0.0047	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Acetone [67-64-1] ^	**0.0076**		mg/kg dry	1	0.00093	0.0047	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Benzene [71-43-2] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Bromobenzene [108-86-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Bromochloromethane [74-97-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Bromodichloromethane [75-27-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Bromoform [75-25-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Bromomethane [74-83-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Carbon disulfide [75-15-0] ^	0.00019	U	mg/kg dry	1	0.00019	0.0047	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Chlorobenzene [108-90-7] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Chloroethane [75-00-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Chloroform [67-66-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Chloromethane [74-87-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Dibromochloromethane [124-48-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Dibromomethane [74-95-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Ethylbenzene [100-41-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Isopropylbenzene [98-82-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0019	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Methylene Chloride [75-09-2] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	

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Description:	S-19-2-3	**Lab Sample ID:**	C001792-12	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Naphthalene [91-20-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
n-Butyl Benzene [104-51-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
n-Propyl Benzene [103-65-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
o-Xylene [95-47-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
sec-Butylbenzene [135-98-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Styrene [100-42-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
tert-Butylbenzene [98-06-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Tetrachloroethene [127-18-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Toluene [108-88-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Trichloroethene [79-01-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Vinyl chloride [75-01-4] ^	0.00014	U	mg/kg dry	1	0.00014	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	
Xylenes (Total) [1330-20-7] ^	0.00028	U	mg/kg dry	1	0.00028	0.00094	0B26006	EPA 8260B	02/26/10 14:43	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*99 %*	*61-118*	*0B26006*	*EPA 8260B*	*02/26/10 14:43*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*102 %*	*66-114*	*0B26006*	*EPA 8260B*	*02/26/10 14:43*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*99 %*	*63-118*	*0B26006*	*EPA 8260B*	*02/26/10 14:43*	*JKG*	

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Description:	S-19-2-3	**Lab Sample ID:**	C001792-12	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Acenaphthene [83-32-9] ^	0.0052	U	mg/kg dry	1	0.0052	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Acenaphthylene [208-96-8] ^	0.0079	U	mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Anthracene [120-12-7] ^	0.0074	U	mg/kg dry	1	0.0074	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.074**		mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.074**		mg/kg dry	1	0.0040	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.10**		mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.055**		mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.037**		mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Chrysene [218-01-9] ^	**0.063**		mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	QV-01
Fluoranthene [206-44-0] ^	**0.13**		mg/kg dry	1	0.0065	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Fluorene [86-73-7] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.048**		mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Naphthalene [91-20-3] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Phenanthrene [85-01-8] ^	**0.052**		mg/kg dry	1	0.0081	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	
Pyrene [129-00-0] ^	**0.11**		mg/kg dry	1	0.0072	0.037	0B25023	EPA 8270D	02/26/10 16:51	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.84*	*1*	*0.739*	*114 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 16:51*	*DFM*	

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Description:	S-19-2-3	**Lab Sample ID:**	C001792-12	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 13:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.558**	J	mg/kg dry	1	0.122	1.11	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Arsenic [7440-38-2] ^	**1.02**		mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Beryllium [7440-41-7] ^	**0.0457**	J	mg/kg dry	1	0.0133	0.0554	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Cadmium [7440-43-9] ^	**0.125**		mg/kg dry	1	0.0106	0.0554	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Chromium [7440-47-3] ^	**3.23**		mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Copper [7440-50-8] ^	**5.68**		mg/kg dry	1	0.211	0.554	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Lead [7439-92-1] ^	**98.3**		mg/kg dry	1	0.133	0.554	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Mercury [7439-97-6] ^	**0.115**		mg/kg dry	1	0.00587	0.0111	0B25009	EPA 7471B	02/25/10 15:49	NLH	
Nickel [7440-02-0] ^	**1.59**	J	mg/kg dry	1	0.399	2.77	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Selenium [7782-49-2] ^	**0.227**	J	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Silver [7440-22-4] ^	**0.289**	J	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Thallium [7440-28-0] ^	0.111	U	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 12:57	JDH	
Zinc [7440-66-6] ^	**61.5**		mg/kg dry	1	1.22	2.77	0B25008	EPA 6010C	02/26/10 12:57	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-20-1-2	**Lab Sample ID:**	C001792-13	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:15	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00014	U	mg/kg dry	1	0.00014	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00014	U	mg/kg dry	1	0.00014	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
2-Butanone [78-93-3] ^	0.00044	U	mg/kg dry	1	0.00044	0.0049	0B26006	EPA 8260B	02/26/10 15:12	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0049	0B26006	EPA 8260B	02/26/10 15:12	JKG	
2-Chlorotoluene [95-49-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
2-Hexanone [591-78-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.0049	0B26006	EPA 8260B	02/26/10 15:12	JKG	
4-Chlorotoluene [106-43-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0049	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Acetone [67-64-1] ^	**0.0090**		mg/kg dry	1	0.00095	0.0049	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Benzene [71-43-2] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Bromobenzene [108-86-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Bromochloromethane [74-97-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Bromodichloromethane [75-27-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Bromoform [75-25-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Bromomethane [74-83-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Carbon disulfide [75-15-0] ^	0.00019	U	mg/kg dry	1	0.00019	0.0049	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Chlorobenzene [108-90-7] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Chloroethane [75-00-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Chloroform [67-66-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Chloromethane [74-87-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Dibromochloromethane [124-48-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Dibromomethane [74-95-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Ethylbenzene [100-41-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Isopropylbenzene [98-82-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0019	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Methylene Chloride [75-09-2] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	

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Description:	S-20-1-2	**Lab Sample ID:**	C001792-13	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:15	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Naphthalene [91-20-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
n-Butyl Benzene [104-51-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
n-Propyl Benzene [103-65-1] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
o-Xylene [95-47-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
sec-Butylbenzene [135-98-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Styrene [100-42-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
tert-Butylbenzene [98-06-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Tetrachloroethene [127-18-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Toluene [108-88-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Trichloroethene [79-01-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00010	U	mg/kg dry	1	0.00010	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Vinyl chloride [75-01-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	
Xylenes (Total) [1330-20-7] ^	0.00029	U	mg/kg dry	1	0.00029	0.00097	0B26006	EPA 8260B	02/26/10 15:12	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*61-118*	*0B26006*	*EPA 8260B*	*02/26/10 15:12*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*99 %*	*66-114*	*0B26006*	*EPA 8260B*	*02/26/10 15:12*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*95 %*	*63-118*	*0B26006*	*EPA 8260B*	*02/26/10 15:12*	*JKG*	

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0066	U	mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
2-Methylnaphthalene [91-57-6] ^	**0.040**		mg/kg dry	1	0.0059	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Acenaphthene [83-32-9] ^	**0.13**		mg/kg dry	1	0.0052	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Acenaphthylene [208-96-8] ^	0.0078	U	mg/kg dry	1	0.0078	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Anthracene [120-12-7] ^	**0.22**		mg/kg dry	1	0.0074	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.48**		mg/kg dry	1	0.0064	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.42**		mg/kg dry	1	0.0039	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.57**		mg/kg dry	1	0.0064	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.19**		mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.19**		mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Chrysene [218-01-9] ^	**0.47**		mg/kg dry	1	0.0078	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	**0.066**		mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Fluoranthene [206-44-0] ^	**1.1**		mg/kg dry	1	0.0065	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Fluorene [86-73-7] ^	**0.095**		mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.20**		mg/kg dry	1	0.0066	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Naphthalene [91-20-3] ^	**0.051**		mg/kg dry	1	0.0059	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Phenanthrene [85-01-8] ^	**0.83**		mg/kg dry	1	0.0080	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	
Pyrene [129-00-0] ^	**0.82**		mg/kg dry	1	0.0071	0.036	0B25023	EPA 8270D	03/01/10 13:15	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.84*	*1*	*0.731*	*114 %*	*64-161*	*0B25023*	*EPA 8270D*	*03/01/10 13:15*	*DFM*	

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

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Description:	S-20-1-2	**Lab Sample ID:**	C001792-13	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:15	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	91.2

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.298**	J	mg/kg dry	1	0.121	1.10	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Arsenic [7440-38-2] ^	**1.08**		mg/kg dry	1	0.110	0.549	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Beryllium [7440-41-7] ^	**0.0499**	J	mg/kg dry	1	0.0132	0.0549	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Cadmium [7440-43-9] ^	**0.113**		mg/kg dry	1	0.0105	0.0549	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Chromium [7440-47-3] ^	**3.07**		mg/kg dry	1	0.110	0.549	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Copper [7440-50-8] ^	**4.92**		mg/kg dry	1	0.208	0.549	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Lead [7439-92-1] ^	**48.9**		mg/kg dry	1	0.132	0.549	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Mercury [7439-97-6] ^	**0.0736**		mg/kg dry	1	0.00581	0.0110	0B25009	EPA 7471B	02/25/10 15:53	NLH	
Nickel [7440-02-0] ^	**0.963**	J	mg/kg dry	1	0.395	2.74	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Selenium [7782-49-2] ^	0.110	U	mg/kg dry	1	0.110	0.549	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Silver [7440-22-4] ^	**0.193**	J	mg/kg dry	1	0.110	0.549	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Thallium [7440-28-0] ^	0.110	U	mg/kg dry	1	0.110	0.549	0B25008	EPA 6010C	02/26/10 13:00	JDH	
Zinc [7440-66-6] ^	**51.5**		mg/kg dry	1	1.21	2.74	0B25008	EPA 6010C	02/26/10 13:00	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-20-3-4	**Lab Sample ID:**	C001792-14	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	79.4

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00088	U	mg/kg dry	1	0.00088	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
2-Butanone [78-93-3] ^	0.00050	U	mg/kg dry	1	0.00050	0.0055	0B26006	EPA 8260B	02/26/10 15:40	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0055	0B26006	EPA 8260B	02/26/10 15:40	JKG	
2-Chlorotoluene [95-49-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
2-Hexanone [591-78-6] ^	0.00037	U	mg/kg dry	1	0.00037	0.0055	0B26006	EPA 8260B	02/26/10 15:40	JKG	
4-Chlorotoluene [106-43-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00034	U	mg/kg dry	1	0.00034	0.0055	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Acetone [67-64-1] ^	**0.016**		mg/kg dry	1	0.0011	0.0055	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Benzene [71-43-2] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Bromobenzene [108-86-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Bromochloromethane [74-97-5] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Bromodichloromethane [75-27-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Bromoform [75-25-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Bromomethane [74-83-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Carbon disulfide [75-15-0] ^	0.00022	U	mg/kg dry	1	0.00022	0.0055	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Chloroethane [75-00-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Chloroform [67-66-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Chloromethane [74-87-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Dibromochloromethane [124-48-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Dibromomethane [74-95-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Ethylbenzene [100-41-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Isopropylbenzene [98-82-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0022	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Methylene Chloride [75-09-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	

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Description:	S-20-3-4	**Lab Sample ID:**	C001792-14	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	79.4

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Naphthalene [91-20-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
n-Butyl Benzene [104-51-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
n-Propyl Benzene [103-65-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
o-Xylene [95-47-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
sec-Butylbenzene [135-98-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
tert-Butylbenzene [98-06-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Tetrachloroethene [127-18-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Toluene [108-88-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Trichloroethene [79-01-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Vinyl chloride [75-01-4] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	
Xylenes (Total) [1330-20-7] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	0B26006	EPA 8260B	02/26/10 15:40	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*61-118*	*0B26006*	*EPA 8260B*	*02/26/10 15:40*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*102 %*	*66-114*	*0B26006*	*EPA 8260B*	*02/26/10 15:40*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*98 %*	*63-118*	*0B26006*	*EPA 8260B*	*02/26/10 15:40*	*JKG*	

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Description:	S-20-3-4	**Lab Sample ID:**	C001792-14	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	79.4

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0076	U	mg/kg dry	1	0.0076	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0068	U	mg/kg dry	1	0.0068	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Acenaphthene [83-32-9] ^	0.0059	U	mg/kg dry	1	0.0059	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Acenaphthylene [208-96-8] ^	0.0089	U	mg/kg dry	1	0.0089	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Anthracene [120-12-7] ^	0.0084	U	mg/kg dry	1	0.0084	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.092**		mg/kg dry	1	0.0073	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.10**		mg/kg dry	1	0.0045	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.14**		mg/kg dry	1	0.0073	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.059**		mg/kg dry	1	0.0076	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.055**		mg/kg dry	1	0.0076	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Chrysene [218-01-9] ^	**0.092**		mg/kg dry	1	0.0089	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0076	U	mg/kg dry	1	0.0076	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	QV-01
Fluoranthene [206-44-0] ^	**0.17**		mg/kg dry	1	0.0074	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Fluorene [86-73-7] ^	0.0076	U	mg/kg dry	1	0.0076	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.055**		mg/kg dry	1	0.0076	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Naphthalene [91-20-3] ^	0.0068	U	mg/kg dry	1	0.0068	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Phenanthrene [85-01-8] ^	**0.059**		mg/kg dry	1	0.0092	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	
Pyrene [129-00-0] ^	**0.14**		mg/kg dry	1	0.0082	0.042	0B25023	EPA 8270D	02/26/10 20:10	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.83*	*1*	*0.839*	*99 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 20:10*	*DFM*	

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Description:	S-20-3-4	**Lab Sample ID:**	C001792-14	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:20	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	79.4

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.209**	J	mg/kg dry	1	0.138	1.26	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Arsenic [7440-38-2] ^	**0.712**		mg/kg dry	1	0.126	0.629	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Beryllium [7440-41-7] ^	**0.0282**	J	mg/kg dry	1	0.0151	0.0629	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Cadmium [7440-43-9] ^	**0.0526**	J	mg/kg dry	1	0.0121	0.0629	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Chromium [7440-47-3] ^	**1.68**		mg/kg dry	1	0.126	0.629	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Copper [7440-50-8] ^	**1.48**		mg/kg dry	1	0.239	0.629	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Lead [7439-92-1] ^	**13.1**		mg/kg dry	1	0.151	0.629	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Mercury [7439-97-6] ^	**0.0170**		mg/kg dry	1	0.00667	0.0126	0B25009	EPA 7471B	02/25/10 15:56	NLH	
Nickel [7440-02-0] ^	0.453	U	mg/kg dry	1	0.453	3.15	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Selenium [7782-49-2] ^	0.126	U	mg/kg dry	1	0.126	0.629	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Silver [7440-22-4] ^	0.126	U	mg/kg dry	1	0.126	0.629	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Thallium [7440-28-0] ^	0.126	U	mg/kg dry	1	0.126	0.629	0B25008	EPA 6010C	02/26/10 13:02	JDH	
Zinc [7440-66-6] ^	**13.6**		mg/kg dry	1	1.38	3.15	0B25008	EPA 6010C	02/26/10 13:02	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-21-2-3	**Lab Sample ID:**	C001792-15	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	84.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00063	U	mg/kg dry	1	0.00063	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00013	U	mg/kg dry	1	0.00013	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00011	U	mg/kg dry	1	0.00011	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
2-Butanone [78-93-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0039	0B26006	EPA 8260B	02/26/10 16:09	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00027	U	mg/kg dry	1	0.00027	0.0039	0B26006	EPA 8260B	02/26/10 16:09	JKG	
2-Chlorotoluene [95-49-8] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
2-Hexanone [591-78-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.0039	0B26006	EPA 8260B	02/26/10 16:09	JKG	
4-Chlorotoluene [106-43-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0039	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Acetone [67-64-1] ^	0.00077	U	mg/kg dry	1	0.00077	0.0039	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Benzene [71-43-2] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Bromobenzene [108-86-1] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Bromochloromethane [74-97-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Bromodichloromethane [75-27-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Bromoform [75-25-2] ^	0.00014	U	mg/kg dry	1	0.00014	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Bromomethane [74-83-9] ^	0.00017	U	mg/kg dry	1	0.00017	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Carbon disulfide [75-15-0] ^	0.00016	U	mg/kg dry	1	0.00016	0.0039	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Chlorobenzene [108-90-7] ^	0.00013	U	mg/kg dry	1	0.00013	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Chloroethane [75-00-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Chloroform [67-66-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Chloromethane [74-87-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00010	U	mg/kg dry	1	0.00010	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Dibromochloromethane [124-48-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Dibromomethane [74-95-3] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Ethylbenzene [100-41-4] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Isopropylbenzene [98-82-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0016	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Methylene Chloride [75-09-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	

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Description:	S-21-2-3	**Lab Sample ID:**	C001792-15	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	84.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Naphthalene [91-20-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
n-Butyl Benzene [104-51-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
n-Propyl Benzene [103-65-1] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
o-Xylene [95-47-6] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
sec-Butylbenzene [135-98-8] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Styrene [100-42-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
tert-Butylbenzene [98-06-6] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Tetrachloroethene [127-18-4] ^	0.00016	U	mg/kg dry	1	0.00016	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Toluene [108-88-3] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Trichloroethene [79-01-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00008	U	mg/kg dry	1	0.00008	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Vinyl chloride [75-01-4] ^	0.00012	U	mg/kg dry	1	0.00012	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	
Xylenes (Total) [1330-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.00078	0B26006	EPA 8260B	02/26/10 16:09	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*99 %*	*61-118*	*0B26006*	*EPA 8260B*	*02/26/10 16:09*	*JKG*	
Dibromofluoromethane	*53*	*1*	*50.0*	*106 %*	*66-114*	*0B26006*	*EPA 8260B*	*02/26/10 16:09*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*99 %*	*63-118*	*0B26006*	*EPA 8260B*	*02/26/10 16:09*	*JKG*	

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Description:	S-21-2-3	**Lab Sample ID:**	C001792-15	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	84.3

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	**0.040**		mg/kg dry	1	0.0071	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
2-Methylnaphthalene [91-57-6] ^	**0.095**		mg/kg dry	1	0.0064	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Acenaphthene [83-32-9] ^	0.0056	U	mg/kg dry	1	0.0056	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Acenaphthylene [208-96-8] ^	0.0084	U	mg/kg dry	1	0.0084	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Anthracene [120-12-7] ^	0.0080	U	mg/kg dry	1	0.0080	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Benzo(a)anthracene [56-55-3] ^	0.0069	U	mg/kg dry	1	0.0069	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Benzo(a)pyrene [50-32-8] ^	0.0043	U	mg/kg dry	1	0.0043	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.0069	U	mg/kg dry	1	0.0069	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.0071	U	mg/kg dry	1	0.0071	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.0071	U	mg/kg dry	1	0.0071	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Chrysene [218-01-9] ^	0.0084	U	mg/kg dry	1	0.0084	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0071	U	mg/kg dry	1	0.0071	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	QV-01
Fluoranthene [206-44-0] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Fluorene [86-73-7] ^	0.0071	U	mg/kg dry	1	0.0071	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.0071	U	mg/kg dry	1	0.0071	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Naphthalene [91-20-3] ^	**0.051**		mg/kg dry	1	0.0064	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Phenanthrene [85-01-8] ^	0.0087	U	mg/kg dry	1	0.0087	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	
Pyrene [129-00-0] ^	0.0077	U	mg/kg dry	1	0.0077	0.039	0B25023	EPA 8270D	02/26/10 17:52	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.88*	*1*	*0.791*	*112 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 17:52*	*DFM*	

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Description:	S-21-2-3	**Lab Sample ID:**	C001792-15	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:35	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	84.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.273**	J	mg/kg dry	1	0.131	1.19	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Arsenic [7440-38-2] ^	**1.75**		mg/kg dry	1	0.119	0.593	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Beryllium [7440-41-7] ^	**0.0635**		mg/kg dry	1	0.0142	0.0593	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Cadmium [7440-43-9] ^	**0.163**		mg/kg dry	1	0.0114	0.0593	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Chromium [7440-47-3] ^	**4.86**		mg/kg dry	1	0.119	0.593	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Copper [7440-50-8] ^	**5.06**		mg/kg dry	1	0.225	0.593	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Lead [7439-92-1] ^	**43.4**		mg/kg dry	1	0.142	0.593	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Mercury [7439-97-6] ^	**0.0315**		mg/kg dry	1	0.00629	0.0119	0B25009	EPA 7471B	02/25/10 16:04	NLH	
Nickel [7440-02-0] ^	**1.72**	J	mg/kg dry	1	0.427	2.97	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Selenium [7782-49-2] ^	0.119	U	mg/kg dry	1	0.119	0.593	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Silver [7440-22-4] ^	**0.287**	J	mg/kg dry	1	0.119	0.593	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Thallium [7440-28-0] ^	0.119	U	mg/kg dry	1	0.119	0.593	0B25008	EPA 6010C	02/26/10 13:04	JDH	
Zinc [7440-66-6] ^	**46.5**		mg/kg dry	1	1.31	2.97	0B25008	EPA 6010C	02/26/10 13:04	JDH	

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Description:	S-21-4-5	**Lab Sample ID:**	C001792-16	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:40	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	85.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.015	UD	mg/kg dry	72.4	0.015	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.011	UD	mg/kg dry	72.4	0.011	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.014	UD	mg/kg dry	72.4	0.014	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.014	UD	mg/kg dry	72.4	0.014	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,1-Dichloroethane [75-34-3] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,1-Dichloroethene [75-35-4] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,1-Dichloropropene [563-58-6] ^	0.011	UD	mg/kg dry	72.4	0.011	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.035	UD	mg/kg dry	72.4	0.035	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.0093	UD	mg/kg dry	72.4	0.0093	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.068	UD	mg/kg dry	72.4	0.068	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,2-Dibromoethane [106-93-4] ^	0.014	UD	mg/kg dry	72.4	0.014	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.012	UD	mg/kg dry	72.4	0.012	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,2-Dichloroethane [107-06-2] ^	0.014	UD	mg/kg dry	72.4	0.014	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,2-Dichloropropane [78-87-5] ^	0.014	UD	mg/kg dry	72.4	0.014	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.011	UD	mg/kg dry	72.4	0.011	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.010	UD	mg/kg dry	72.4	0.010	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,3-Dichloropropane [142-28-9] ^	0.012	UD	mg/kg dry	72.4	0.012	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.010	UD	mg/kg dry	72.4	0.010	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
2,2-Dichloropropane [594-20-7] ^	0.0093	UD	mg/kg dry	72.4	0.0093	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
2-Butanone [78-93-3] ^	0.038	UD	mg/kg dry	72.4	0.038	0.42	0C02001	EPA 8260B	03/02/10 14:35	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.030	UD	mg/kg dry	72.4	0.030	0.42	0C02001	EPA 8260B	03/02/10 14:35	JKG	
2-Chlorotoluene [95-49-8] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
2-Hexanone [591-78-6] ^	0.028	UD	mg/kg dry	72.4	0.028	0.42	0C02001	EPA 8260B	03/02/10 14:35	JKG	
4-Chlorotoluene [106-43-4] ^	0.010	UD	mg/kg dry	72.4	0.010	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
4-Isopropyltoluene [99-87-6] ^	0.012	UD	mg/kg dry	72.4	0.012	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.026	UD	mg/kg dry	72.4	0.026	0.42	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Acetone [67-64-1] ^	0.083	UD	mg/kg dry	72.4	0.083	0.42	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Benzene [71-43-2] ^	0.0093	UD	mg/kg dry	72.4	0.0093	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Bromobenzene [108-86-1] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Bromochloromethane [74-97-5] ^	0.021	UD	mg/kg dry	72.4	0.021	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Bromodichloromethane [75-27-4] ^	0.010	UD	mg/kg dry	72.4	0.010	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Bromoform [75-25-2] ^	0.015	UD	mg/kg dry	72.4	0.015	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Bromomethane [74-83-9] ^	0.019	UD	mg/kg dry	72.4	0.019	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Carbon disulfide [75-15-0] ^	0.017	UD	mg/kg dry	72.4	0.017	0.42	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Carbon Tetrachloride [56-23-5] ^	0.010	UD	mg/kg dry	72.4	0.010	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Chlorobenzene [108-90-7] ^	0.014	UD	mg/kg dry	72.4	0.014	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Chloroethane [75-00-3] ^	0.019	UD	mg/kg dry	72.4	0.019	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Chloroform [67-66-3] ^	0.012	UD	mg/kg dry	72.4	0.012	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Chloromethane [74-87-3] ^	0.011	UD	mg/kg dry	72.4	0.011	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.011	UD	mg/kg dry	72.4	0.011	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Dibromochloromethane [124-48-1] ^	0.017	UD	mg/kg dry	72.4	0.017	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Dibromomethane [74-95-3] ^	0.0093	UD	mg/kg dry	72.4	0.0093	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.013	UD	mg/kg dry	72.4	0.013	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Ethylbenzene [100-41-4] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Hexachlorobutadiene [87-68-3] ^	0.013	UD	mg/kg dry	72.4	0.013	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Isopropylbenzene [98-82-8] ^	0.0093	UD	mg/kg dry	72.4	0.0093	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.018	UD	mg/kg dry	72.4	0.018	0.17	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Methylene Chloride [75-09-2] ^	0.019	UD	mg/kg dry	72.4	0.019	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	

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Description:	S-21-4-5	**Lab Sample ID:**	C001792-16	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:40	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	85.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Naphthalene [91-20-3] ^	**0.36**	D	mg/kg dry	72.4	0.014	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
n-Butyl Benzene [104-51-8] ^	**0.037**	JD	mg/kg dry	72.4	0.013	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
n-Propyl Benzene [103-65-1] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
o-Xylene [95-47-6] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
sec-Butylbenzene [135-98-8] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Styrene [100-42-5] ^	0.014	UD	mg/kg dry	72.4	0.014	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
tert-Butylbenzene [98-06-6] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Tetrachloroethene [127-18-4] ^	0.018	UD	mg/kg dry	72.4	0.018	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Toluene [108-88-3] ^	0.010	UD	mg/kg dry	72.4	0.010	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.010	UD	mg/kg dry	72.4	0.010	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.0093	UD	mg/kg dry	72.4	0.0093	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Trichloroethene [79-01-6] ^	0.015	UD	mg/kg dry	72.4	0.015	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Trichlorofluoromethane [75-69-4] ^	0.0085	UD	mg/kg dry	72.4	0.0085	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Vinyl chloride [75-01-4] ^	0.013	UD	mg/kg dry	72.4	0.013	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	
Xylenes (Total) [1330-20-7] ^	0.025	UD	mg/kg dry	72.4	0.025	0.085	0C02001	EPA 8260B	03/02/10 14:35	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*61-118*	*0C02001*	*EPA 8260B*	*03/02/10 14:35*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*102 %*	*66-114*	*0C02001*	*EPA 8260B*	*03/02/10 14:35*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*63-118*	*0C02001*	*EPA 8260B*	*03/02/10 14:35*	*JKG*	

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	**15**	D	mg/kg dry	4	0.028	0.15	0B25023	EPA 8270D	03/01/10 13:42	DFM	
2-Methylnaphthalene [91-57-6] ^	**2.0**		mg/kg dry	1	0.0063	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Acenaphthene [83-32-9] ^	**0.34**		mg/kg dry	1	0.0055	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Acenaphthylene [208-96-8] ^	0.0083	U	mg/kg dry	1	0.0083	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Anthracene [120-12-7] ^	**0.47**		mg/kg dry	1	0.0079	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Benzo(a)anthracene [56-55-3] ^	0.0068	U	mg/kg dry	1	0.0068	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Benzo(a)pyrene [50-32-8] ^	0.0042	U	mg/kg dry	1	0.0042	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.0068	U	mg/kg dry	1	0.0068	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Chrysene [218-01-9] ^	0.0083	U	mg/kg dry	1	0.0083	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	QV-01
Fluoranthene [206-44-0] ^	0.0069	U	mg/kg dry	1	0.0069	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Fluorene [86-73-7] ^	**1.4**		mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.0070	U	mg/kg dry	1	0.0070	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Naphthalene [91-20-3] ^	**1.4**		mg/kg dry	1	0.0063	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Phenanthrene [85-01-8] ^	0.0086	U	mg/kg dry	1	0.0086	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	
Pyrene [129-00-0] ^	0.0076	U	mg/kg dry	1	0.0076	0.039	0B25023	EPA 8270D	02/26/10 18:19	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.92*	*1*	*0.782*	*118 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 18:19*	*DFM*	

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Description:	S-21-4-5	**Lab Sample ID:**	C001792-16	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:40	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	85.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.329**	J	mg/kg dry	1	0.129	1.17	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Arsenic [7440-38-2] ^	**4.88**		mg/kg dry	1	0.117	0.586	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Beryllium [7440-41-7] ^	**0.0827**		mg/kg dry	1	0.0141	0.0586	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Cadmium [7440-43-9] ^	**0.154**		mg/kg dry	1	0.0113	0.0586	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Chromium [7440-47-3] ^	**5.08**		mg/kg dry	1	0.117	0.586	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Copper [7440-50-8] ^	**8.14**		mg/kg dry	1	0.223	0.586	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Lead [7439-92-1] ^	**45.0**		mg/kg dry	1	0.141	0.586	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Mercury [7439-97-6] ^	**0.0504**		mg/kg dry	1	0.00622	0.0117	0B25009	EPA 7471B	02/25/10 16:09	NLH	
Nickel [7440-02-0] ^	**1.89**	J	mg/kg dry	1	0.422	2.93	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Selenium [7782-49-2] ^	0.117	U	mg/kg dry	1	0.117	0.586	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Silver [7440-22-4] ^	**0.279**	J	mg/kg dry	1	0.117	0.586	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Thallium [7440-28-0] ^	0.117	U	mg/kg dry	1	0.117	0.586	0B25008	EPA 6010C	02/26/10 13:07	JDH	
Zinc [7440-66-6] ^	**93.4**		mg/kg dry	1	1.29	2.93	0B25008	EPA 6010C	02/26/10 13:07	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-22-1-2	**Lab Sample ID:**	C001792-17	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:55	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00089	U	mg/kg dry	1	0.00089	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
2-Butanone [78-93-3] ^	0.00050	U	mg/kg dry	1	0.00050	0.0055	0B26006	EPA 8260B	02/26/10 16:38	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0055	0B26006	EPA 8260B	02/26/10 16:38	JKG	
2-Chlorotoluene [95-49-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
2-Hexanone [591-78-6] ^	0.00037	U	mg/kg dry	1	0.00037	0.0055	0B26006	EPA 8260B	02/26/10 16:38	JKG	
4-Chlorotoluene [106-43-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00034	U	mg/kg dry	1	0.00034	0.0055	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Acetone [67-64-1] ^	**0.028**		mg/kg dry	1	0.0011	0.0055	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Benzene [71-43-2] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Bromobenzene [108-86-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Bromochloromethane [74-97-5] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Bromodichloromethane [75-27-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Bromoform [75-25-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Bromomethane [74-83-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Carbon disulfide [75-15-0] ^	0.00022	U	mg/kg dry	1	0.00022	0.0055	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Chloroethane [75-00-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Chloroform [67-66-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Chloromethane [74-87-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Dibromochloromethane [124-48-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Dibromomethane [74-95-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Ethylbenzene [100-41-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Isopropylbenzene [98-82-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0022	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Methylene Chloride [75-09-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	

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Description:	S-22-1-2	**Lab Sample ID:**	C001792-17	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:55	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Naphthalene [91-20-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
n-Butyl Benzene [104-51-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
n-Propyl Benzene [103-65-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
o-Xylene [95-47-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
sec-Butylbenzene [135-98-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
tert-Butylbenzene [98-06-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Tetrachloroethene [127-18-4] ^	**0.0051**		mg/kg dry	1	0.00023	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Toluene [108-88-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Trichloroethene [79-01-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Vinyl chloride [75-01-4] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	
Xylenes (Total) [1330-20-7] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	0B26006	EPA 8260B	02/26/10 16:38	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*101 %*	*61-118*	*0B26006*	*EPA 8260B*	*02/26/10 16:38*	*JKG*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*66-114*	*0B26006*	*EPA 8260B*	*02/26/10 16:38*	*JKG*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*63-118*	*0B26006*	*EPA 8260B*	*02/26/10 16:38*	*JKG*	

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Description:	S-22-1-2	**Lab Sample ID:**	C001792-17	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:55	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Acenaphthene [83-32-9] ^	0.0052	U	mg/kg dry	1	0.0052	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Acenaphthylene [208-96-8] ^	0.0079	U	mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Anthracene [120-12-7] ^	0.0074	U	mg/kg dry	1	0.0074	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.078**		mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.096**		mg/kg dry	1	0.0040	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.14**		mg/kg dry	1	0.0064	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.048**		mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Chrysene [218-01-9] ^	**0.096**		mg/kg dry	1	0.0079	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	QV-01
Fluoranthene [206-44-0] ^	**0.15**		mg/kg dry	1	0.0065	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Fluorene [86-73-7] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.0067	U	mg/kg dry	1	0.0067	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Naphthalene [91-20-3] ^	0.0060	U	mg/kg dry	1	0.0060	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Phenanthrene [85-01-8] ^	**0.059**		mg/kg dry	1	0.0081	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	
Pyrene [129-00-0] ^	**0.14**		mg/kg dry	1	0.0072	0.037	0B25023	EPA 8270D	02/26/10 21:06	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.78*	*1*	*0.739*	*106 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 21:06*	*DFM*	

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Description:	S-22-1-2	**Lab Sample ID:**	C001792-17	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 09:55	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	90.2

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.383**	J	mg/kg dry	1	0.122	1.11	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Arsenic [7440-38-2] ^	**2.00**		mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Beryllium [7440-41-7] ^	**0.0766**		mg/kg dry	1	0.0133	0.0554	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Cadmium [7440-43-9] ^	**0.0407**	J	mg/kg dry	1	0.0106	0.0554	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Chromium [7440-47-3] ^	**5.42**		mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Copper [7440-50-8] ^	**5.44**		mg/kg dry	1	0.211	0.554	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Lead [7439-92-1] ^	**23.6**		mg/kg dry	1	0.133	0.554	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Mercury [7439-97-6] ^	**0.0324**		mg/kg dry	1	0.00588	0.0111	0B25009	EPA 7471B	02/25/10 16:11	NLH	
Nickel [7440-02-0] ^	**1.33**	J	mg/kg dry	1	0.399	2.77	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Selenium [7782-49-2] ^	0.111	U	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Silver [7440-22-4] ^	**0.249**	J	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Thallium [7440-28-0] ^	**0.161**	J	mg/kg dry	1	0.111	0.554	0B25008	EPA 6010C	02/26/10 13:09	JDH	
Zinc [7440-66-6] ^	**23.0**		mg/kg dry	1	1.22	2.77	0B25008	EPA 6010C	02/26/10 13:09	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	S-22-3-4	**Lab Sample ID:**	C001792-18	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	81.9

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00075	U	mg/kg dry	1	0.00075	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00013	U	mg/kg dry	1	0.00013	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
2-Butanone [78-93-3] ^	0.00042	U	mg/kg dry	1	0.00042	0.0047	0B26006	EPA 8260B	02/26/10 17:07	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00033	U	mg/kg dry	1	0.00033	0.0047	0B26006	EPA 8260B	02/26/10 17:07	JKG	
2-Chlorotoluene [95-49-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
2-Hexanone [591-78-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.0047	0B26006	EPA 8260B	02/26/10 17:07	JKG	
4-Chlorotoluene [106-43-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
4-Isopropyltoluene [99-87-6] ^	**0.00067**	J	mg/kg dry	1	0.00013	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00029	U	mg/kg dry	1	0.00029	0.0047	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Acetone [67-64-1] ^	**0.024**		mg/kg dry	1	0.00092	0.0047	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Benzene [71-43-2] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Bromobenzene [108-86-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Bromochloromethane [74-97-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Bromodichloromethane [75-27-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Bromoform [75-25-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Bromomethane [74-83-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Carbon disulfide [75-15-0] ^	0.00019	U	mg/kg dry	1	0.00019	0.0047	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Chlorobenzene [108-90-7] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Chloroethane [75-00-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Chloroform [67-66-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Chloromethane [74-87-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Dibromochloromethane [124-48-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Dibromomethane [74-95-3] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Ethylbenzene [100-41-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Isopropylbenzene [98-82-8] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0019	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Methylene Chloride [75-09-2] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	

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Description:	S-22-3-4	**Lab Sample ID:**	C001792-18	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	81.9

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Naphthalene [91-20-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
n-Butyl Benzene [104-51-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
n-Propyl Benzene [103-65-1] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
o-Xylene [95-47-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
sec-Butylbenzene [135-98-8] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Styrene [100-42-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
tert-Butylbenzene [98-06-6] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Tetrachloroethene [127-18-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Toluene [108-88-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00011	U	mg/kg dry	1	0.00011	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00010	U	mg/kg dry	1	0.00010	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Trichloroethene [79-01-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00009	U	mg/kg dry	1	0.00009	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Vinyl chloride [75-01-4] ^	0.00014	U	mg/kg dry	1	0.00014	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	
Xylenes (Total) [1330-20-7] ^	0.00028	U	mg/kg dry	1	0.00028	0.00094	0B26006	EPA 8260B	02/26/10 17:07	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*61-118*	*0B26006*	*EPA 8260B*	*02/26/10 17:07*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*101 %*	*66-114*	*0B26006*	*EPA 8260B*	*02/26/10 17:07*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*97 %*	*63-118*	*0B26006*	*EPA 8260B*	*02/26/10 17:07*	*JKG*	

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0073	U	mg/kg dry	1	0.0073	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0066	U	mg/kg dry	1	0.0066	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Acenaphthene [83-32-9] ^	0.0057	U	mg/kg dry	1	0.0057	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Acenaphthylene [208-96-8] ^	**0.17**		mg/kg dry	1	0.0087	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Anthracene [120-12-7] ^	**0.094**		mg/kg dry	1	0.0082	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.80**		mg/kg dry	1	0.0071	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Benzo(a)pyrene [50-32-8] ^	**1.1**		mg/kg dry	1	0.0044	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**1.4**		mg/kg dry	1	0.0071	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.53**		mg/kg dry	1	0.0073	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.48**		mg/kg dry	1	0.0073	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Chrysene [218-01-9] ^	**0.90**		mg/kg dry	1	0.0087	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	**0.053**		mg/kg dry	1	0.0073	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Fluoranthene [206-44-0] ^	**1.6**		mg/kg dry	1	0.0072	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Fluorene [86-73-7] ^	0.0073	U	mg/kg dry	1	0.0073	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.56**		mg/kg dry	1	0.0073	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Naphthalene [91-20-3] ^	0.0066	U	mg/kg dry	1	0.0066	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Phenanthrene [85-01-8] ^	**0.41**		mg/kg dry	1	0.0089	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	
Pyrene [129-00-0] ^	**1.3**		mg/kg dry	1	0.0079	0.040	0B25023	EPA 8270D	03/01/10 14:10	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.85*	*1*	*0.814*	*104 %*	*64-161*	*0B25023*	*EPA 8270D*	*03/01/10 14:10*	*DFM*	

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

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Description:	S-22-3-4	**Lab Sample ID:**	C001792-18	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 10:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	81.9

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	**0.538**	J	mg/kg dry	1	0.134	1.22	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Arsenic [7440-38-2] ^	**2.27**		mg/kg dry	1	0.122	0.610	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Beryllium [7440-41-7] ^	**0.124**		mg/kg dry	1	0.0146	0.0610	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Cadmium [7440-43-9] ^	**0.615**		mg/kg dry	1	0.0117	0.0610	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Chromium [7440-47-3] ^	**5.29**		mg/kg dry	1	0.122	0.610	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Copper [7440-50-8] ^	**5.22**		mg/kg dry	1	0.232	0.610	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Lead [7439-92-1] ^	**70.1**		mg/kg dry	1	0.146	0.610	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Mercury [7439-97-6] ^	**0.0311**		mg/kg dry	1	0.00647	0.0122	0B25009	EPA 7471B	02/25/10 16:14	NLH	
Nickel [7440-02-0] ^	**2.35**	J	mg/kg dry	1	0.439	3.05	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Selenium [7782-49-2] ^	**0.738**		mg/kg dry	1	0.122	0.610	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Silver [7440-22-4] ^	**0.554**	J	mg/kg dry	1	0.122	0.610	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Thallium [7440-28-0] ^	0.122	U	mg/kg dry	1	0.122	0.610	0B25008	EPA 6010C	02/26/10 13:12	JDH	
Zinc [7440-66-6] ^	**97.2**		mg/kg dry	1	1.34	3.05	0B25008	EPA 6010C	02/26/10 13:12	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:	Dup	**Lab Sample ID:**	C001792-19	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 00:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	78.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00044	U	mg/kg dry	1	0.00044	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00086	U	mg/kg dry	1	0.00086	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
2-Butanone [78-93-3] ^	0.00048	U	mg/kg dry	1	0.00048	0.0054	0B26006	EPA 8260B	02/26/10 17:36	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00038	U	mg/kg dry	1	0.00038	0.0054	0B26006	EPA 8260B	02/26/10 17:36	JKG	
2-Chlorotoluene [95-49-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
2-Hexanone [591-78-6] ^	0.00035	U	mg/kg dry	1	0.00035	0.0054	0B26006	EPA 8260B	02/26/10 17:36	JKG	
4-Chlorotoluene [106-43-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00033	U	mg/kg dry	1	0.00033	0.0054	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Acetone [67-64-1] ^	**0.011**		mg/kg dry	1	0.0011	0.0054	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Benzene [71-43-2] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Bromobenzene [108-86-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Bromochloromethane [74-97-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Bromodichloromethane [75-27-4] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Bromoform [75-25-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Bromomethane [74-83-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Carbon disulfide [75-15-0] ^	0.00021	U	mg/kg dry	1	0.00021	0.0054	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Chloroethane [75-00-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Chloroform [67-66-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Chloromethane [74-87-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Dibromochloromethane [124-48-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Dibromomethane [74-95-3] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Ethylbenzene [100-41-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Isopropylbenzene [98-82-8] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0021	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Methylene Chloride [75-09-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	

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Description:	Dup	**Lab Sample ID:**	C001792-19	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 00:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	78.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Naphthalene [91-20-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
n-Butyl Benzene [104-51-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
n-Propyl Benzene [103-65-1] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
o-Xylene [95-47-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
sec-Butylbenzene [135-98-8] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
tert-Butylbenzene [98-06-6] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Tetrachloroethene [127-18-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Toluene [108-88-3] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00012	U	mg/kg dry	1	0.00012	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Trichloroethene [79-01-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00011	U	mg/kg dry	1	0.00011	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Vinyl chloride [75-01-4] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	
Xylenes (Total) [1330-20-7] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	0B26006	EPA 8260B	02/26/10 17:36	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*61-118*	*0B26006*	*EPA 8260B*	*02/26/10 17:36*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*66-114*	*0B26006*	*EPA 8260B*	*02/26/10 17:36*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*97 %*	*63-118*	*0B26006*	*EPA 8260B*	*02/26/10 17:36*	*JKG*	

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Description:	Dup	**Lab Sample ID:**	C001792-19	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 00:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	78.1

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1-Methylnaphthalene [90-12-0] ^	0.0077	U	mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
2-Methylnaphthalene [91-57-6] ^	0.0069	U	mg/kg dry	1	0.0069	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Acenaphthene [83-32-9] ^	0.0060	U	mg/kg dry	1	0.0060	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Acenaphthylene [208-96-8] ^	0.0091	U	mg/kg dry	1	0.0091	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Anthracene [120-12-7] ^	0.0086	U	mg/kg dry	1	0.0086	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.17**		mg/kg dry	1	0.0074	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.19**		mg/kg dry	1	0.0046	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.25**		mg/kg dry	1	0.0074	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.094**		mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.081**		mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Chrysene [218-01-9] ^	**0.17**		mg/kg dry	1	0.0091	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.0077	U	mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Fluoranthene [206-44-0] ^	**0.36**		mg/kg dry	1	0.0076	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Fluorene [86-73-7] ^	0.0077	U	mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.094**		mg/kg dry	1	0.0077	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Naphthalene [91-20-3] ^	0.0069	U	mg/kg dry	1	0.0069	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Phenanthrene [85-01-8] ^	**0.12**		mg/kg dry	1	0.0093	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	
Pyrene [129-00-0] ^	**0.29**		mg/kg dry	1	0.0083	0.042	0B25023	EPA 8270D	02/26/10 19:15	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
p-Terphenyl	*0.89*	*1*	*0.854*	*104 %*	*64-161*	*0B25023*	*EPA 8270D*	*02/26/10 19:15*	*DFM*	

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Description:	Dup	**Lab Sample ID:**	C001792-19	**Received:**	02/24/10 09:30
Matrix:	Soil	**Sampled:**	02/23/10 00:00	**Work Order:**	C001792
Project:	Wrightsville Avenue REC	**Sampled By:**	Amy Conchas	**% Solids:**	78.1

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.141	U	mg/kg dry	1	0.141	1.28	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Arsenic [7440-38-2] ^	**0.732**		mg/kg dry	1	0.128	0.640	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Beryllium [7440-41-7] ^	**0.0375**	J	mg/kg dry	1	0.0154	0.0640	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Cadmium [7440-43-9] ^	**0.101**		mg/kg dry	1	0.0123	0.0640	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Chromium [7440-47-3] ^	**4.01**		mg/kg dry	1	0.128	0.640	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Copper [7440-50-8] ^	**2.79**		mg/kg dry	1	0.243	0.640	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Lead [7439-92-1] ^	**26.7**		mg/kg dry	1	0.154	0.640	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Mercury [7439-97-6] ^	**0.0331**		mg/kg dry	1	0.00679	0.0128	0B25009	EPA 7471B	02/25/10 16:17	NLH	
Nickel [7440-02-0] ^	**0.605**	J	mg/kg dry	1	0.461	3.20	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Selenium [7782-49-2] ^	0.128	U	mg/kg dry	1	0.128	0.640	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Silver [7440-22-4] ^	0.128	U	mg/kg dry	1	0.128	0.640	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Thallium [7440-28-0] ^	0.128	U	mg/kg dry	1	0.128	0.640	0B25008	EPA 6010C	02/26/10 13:21	JDH	
Zinc [7440-66-6] ^	**20.0**		mg/kg dry	1	1.41	3.20	0B25008	EPA 6010C	02/26/10 13:21	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: Trip Blank
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C001792-20
Sampled: 02/23/10 09:15
Sampled By: ENCO

Received: 02/24/10 09:30
Work Order: C001792

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.091	U	ug/L	1	0.091	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.15	U	ug/L	1	0.15	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.085	U	ug/L	1	0.085	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.068	U	ug/L	1	0.068	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,1-Dichloroethane [75-34-3] ^	0.050	U	ug/L	1	0.050	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,1-Dichloroethene [75-35-4] ^	0.15	U	ug/L	1	0.15	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,1-Dichloropropene [563-58-6] ^	0.063	U	ug/L	1	0.063	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.25	U	ug/L	1	0.25	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.15	U	ug/L	1	0.15	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.097	U	ug/L	1	0.097	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.067	U	ug/L	1	0.067	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.052	U	ug/L	1	0.052	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,2-Dichloroethane [107-06-2] ^	0.082	U	ug/L	1	0.082	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,2-Dichloropropane [78-87-5] ^	0.098	U	ug/L	1	0.098	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.10	U	ug/L	1	0.10	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.092	U	ug/L	1	0.092	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,3-Dichloropropane [142-28-9] ^	0.15	U	ug/L	1	0.15	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.10	U	ug/L	1	0.10	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
2,2-Dichloropropane [594-20-7] ^	0.12	U	ug/L	1	0.12	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.94	U	ug/L	1	0.94	5.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
2-Chlorotoluene [95-49-8] ^	0.10	U	ug/L	1	0.10	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
4-Chlorotoluene [106-43-4] ^	0.10	U	ug/L	1	0.10	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
4-Isopropyltoluene [99-87-6] ^	0.066	U	ug/L	1	0.066	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Benzene [71-43-2] ^	0.050	U	ug/L	1	0.050	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Bromobenzene [108-86-1] ^	0.13	U	ug/L	1	0.13	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Bromochloromethane [74-97-5] ^	0.11	U	ug/L	1	0.11	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Bromodichloromethane [75-27-4] ^	0.10	U	ug/L	1	0.10	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Bromoform [75-25-2] ^	0.20	U	ug/L	1	0.20	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Bromomethane [74-83-9] ^	0.28	U	ug/L	1	0.28	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Carbon tetrachloride [56-23-5] ^	0.082	U	ug/L	1	0.082	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Chlorobenzene [108-90-7] ^	0.069	U	ug/L	1	0.069	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Chloroethane [75-00-3] ^	0.18	U	ug/L	1	0.18	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Chloroform [67-66-3] ^	0.083	U	ug/L	1	0.083	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Chloromethane [74-87-3] ^	0.050	U	ug/L	1	0.050	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.075	U	ug/L	1	0.075	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.073	U	ug/L	1	0.073	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Dibromochloromethane [124-48-1] ^	0.067	U	ug/L	1	0.067	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Dibromomethane [74-95-3] ^	0.13	U	ug/L	1	0.13	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.091	U	ug/L	1	0.091	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Ethylbenzene [100-41-4] ^	0.10	U	ug/L	1	0.10	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Hexachlorobutadiene [87-68-3] ^	0.15	U	ug/L	1	0.15	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Isopropylbenzene [98-82-8] ^	0.13	U	ug/L	1	0.13	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.18	U	ug/L	1	0.18	2.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Methylene chloride [75-09-2] ^	0.070	U	ug/L	1	0.070	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	

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Description: Trip Blank
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C001792-20
Sampled: 02/23/10 09:15
Sampled By: ENCO

Received: 02/24/10 09:30
Work Order: C001792

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.12	U	ug/L	1	0.12	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Naphthalene [91-20-3] ^	0.086	U	ug/L	1	0.086	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
n-Butyl Benzene [104-51-8] ^	0.074	U	ug/L	1	0.074	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
n-Propyl Benzene [103-65-1] ^	0.073	U	ug/L	1	0.073	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
o-Xylene [95-47-6] ^	0.088	U	ug/L	1	0.088	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
sec-Butylbenzene [135-98-8] ^	0.053	U	ug/L	1	0.053	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Styrene [100-42-5] ^	0.082	U	ug/L	1	0.082	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
tert-Butylbenzene [98-06-6] ^	0.094	U	ug/L	1	0.094	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Tetrachloroethene [127-18-4] ^	0.099	U	ug/L	1	0.099	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Toluene [108-88-3] ^	0.053	U	ug/L	1	0.053	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.11	U	ug/L	1	0.11	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.080	U	ug/L	1	0.080	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Trichloroethene [79-01-6] ^	0.13	U	ug/L	1	0.13	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Trichlorofluoromethane [75-69-4] ^	0.15	U	ug/L	1	0.15	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Vinyl chloride [75-01-4] ^	0.083	U	ug/L	1	0.083	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	
Xylenes (Total) [1330-20-7] ^	0.22	U	ug/L	1	0.22	1.0	0B24031	EPA 8260B	02/25/10 11:45	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*51-122*	*0B24031*	*EPA 8260B*	*02/25/10 11:45*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*101 %*	*68-117*	*0B24031*	*EPA 8260B*	*02/25/10 11:45*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*69-110*	*0B24031*	*EPA 8260B*	*02/25/10 11:45*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0B24031 - EPA 5030B_MS

Blank (0B24031-BLK1) Prepared: 02/24/2010 14:29 Analyzed: 02/25/2010 05:03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.091	U	1.0	ug/L							
1,1,1-Trichloroethane	0.15	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.085	U	1.0	ug/L							
1,1,2-Trichloroethane	0.068	U	1.0	ug/L							
1,1-Dichloroethane	0.050	U	1.0	ug/L							
1,1-Dichloroethene	0.15	U	1.0	ug/L							
1,1-Dichloropropene	0.063	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.25	U	1.0	ug/L							
1,2,3-Trichloropropane	0.15	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.097	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.067	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.42	U	1.0	ug/L							
1,2-Dichlorobenzene	0.052	U	1.0	ug/L							
1,2-Dichloroethane	0.082	U	1.0	ug/L							
1,2-Dichloropropane	0.098	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.10	U	1.0	ug/L							
1,3-Dichlorobenzene	0.092	U	1.0	ug/L							
1,3-Dichloropropane	0.15	U	1.0	ug/L							
1,4-Dichlorobenzene	0.10	U	1.0	ug/L							
2,2-Dichloropropane	0.12	U	1.0	ug/L							
2-Butanone	1.0	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	0.94	U	5.0	ug/L							
2-Chlorotoluene	0.10	U	1.0	ug/L							
2-Hexanone	0.69	U	5.0	ug/L							
4-Chlorotoluene	0.10	U	1.0	ug/L							
4-Isopropyltoluene	0.066	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.5	U	5.0	ug/L							
Benzene	0.050	U	1.0	ug/L							
Bromobenzene	0.13	U	1.0	ug/L							
Bromochloromethane	0.11	U	1.0	ug/L							
Bromodichloromethane	0.10	U	1.0	ug/L							
Bromoform	0.20	U	1.0	ug/L							
Bromomethane	0.28	U	1.0	ug/L							
Carbon disulfide	0.54	U	5.0	ug/L							
Carbon tetrachloride	0.082	U	1.0	ug/L							
Chlorobenzene	0.069	U	1.0	ug/L							
Chloroethane	0.18	U	1.0	ug/L							
Chloroform	0.083	U	1.0	ug/L							
Chloromethane	0.050	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.075	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.073	U	1.0	ug/L							
Dibromochloromethane	0.067	U	1.0	ug/L							
Dibromomethane	0.13	U	1.0	ug/L							
Dichlorodifluoromethane	0.091	U	1.0	ug/L							
Ethylbenzene	0.10	U	1.0	ug/L							
Hexachlorobutadiene	0.15	U	1.0	ug/L							
Isopropylbenzene	0.13	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0B24031 - EPA 5030B_MS

Blank (0B24031-BLK1) Continued Prepared: 02/24/2010 14:29 Analyzed: 02/25/2010 05:03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
m,p-Xylenes	0.18	U	2.0	ug/L							
Methylene chloride	0.070	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.12	U	1.0	ug/L							
Naphthalene	0.086	U	1.0	ug/L							
n-Butyl Benzene	0.074	U	1.0	ug/L							
n-Propyl Benzene	0.073	U	1.0	ug/L							
o-Xylene	0.088	U	1.0	ug/L							
sec-Butylbenzene	0.053	U	1.0	ug/L							
Styrene	0.082	U	1.0	ug/L							
tert-Butylbenzene	0.094	U	1.0	ug/L							
Tetrachloroethene	0.099	U	1.0	ug/L							
Toluene	0.053	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.11	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.080	U	1.0	ug/L							
Trichloroethene	0.13	U	1.0	ug/L							
Trichlorofluoromethane	0.15	U	1.0	ug/L							
Vinyl chloride	0.083	U	1.0	ug/L							
Xylenes (Total)	0.22	U	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*51-122*			
Surrogate: Dibromofluoromethane	*53*			*ug/L*	*50.0*		*106*	*68-117*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*95*	*69-110*			

LCS (0B24031-BS1) Prepared: 02/24/2010 14:29 Analyzed: 02/25/2010 05:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		95	75-133			
Benzene	19		1.0	ug/L	20.0		96	81-134			
Chlorobenzene	20		1.0	ug/L	20.0		98	83-117			
Toluene	19		1.0	ug/L	20.0		95	71-118			
Trichloroethene	20		1.0	ug/L	20.0		100	75-115			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*51-122*			
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*101*	*68-117*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*93*	*69-110*			

Matrix Spike (0B24031-MS1) Prepared: 02/24/2010 14:29 Analyzed: 02/25/2010 06:01

Source: C001465-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.15 U	106	75-133			
Benzene	22		1.0	ug/L	20.0	0.82	104	81-134			
Chlorobenzene	35		1.0	ug/L	20.0	14	104	83-117			
Toluene	21		1.0	ug/L	20.0	0.053 U	106	71-118			
Trichloroethene	22		1.0	ug/L	20.0	0.13 U	110	75-115			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*51-122*			
Surrogate: Dibromofluoromethane	*50*			*ug/L*	*50.0*		*99*	*68-117*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*69-110*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0B24031 - EPA 5030B_MS

Matrix Spike Dup (0B24031-MSD1) Prepared: 02/24/2010 14:29 Analyzed: 02/25/2010 06:29

Source: C001465-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.15 U	102	75-133	3	20	
Benzene	20		1.0	ug/L	20.0	0.82	98	81-134	6	17	
Chlorobenzene	34		1.0	ug/L	20.0	14	98	83-117	4	16	
Toluene	20		1.0	ug/L	20.0	0.053 U	101	71-118	5	17	
Trichloroethene	21		1.0	ug/L	20.0	0.13 U	103	75-115	6	18	
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*96*	*51-122*			
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*103*	*68-117*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*69-110*			

Batch 0B25028 - EPA 5035_MS

Blank (0B25028-BLK1) Prepared: 02/25/2010 16:19 Analyzed: 02/25/2010 18:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00013	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00017	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00010	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00010	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00010	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00041	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00010	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00011	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00080	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00016	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00014	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00017	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00016	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00013	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00012	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00014	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00012	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00011	U	0.0010	mg/kg wet							
2-Butanone	0.00045	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00035	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00010	U	0.0010	mg/kg wet							
2-Hexanone	0.00033	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00012	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00014	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00031	U	0.0050	mg/kg wet							
Acetone	0.00098	U	0.0050	mg/kg wet							
Benzene	0.00011	U	0.0010	mg/kg wet							
Bromobenzene	0.00010	U	0.0010	mg/kg wet							
Bromochloromethane	0.00025	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00012	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0B25028 - EPA 5035_MS

Blank (0B25028-BLK1) Continued Prepared: 02/25/2010 16:19 Analyzed: 02/25/2010 18:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bromoform	0.00018	U	0.0010	mg/kg wet							
Bromomethane	0.00022	U	0.0010	mg/kg wet							
Carbon disulfide	0.00020	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00012	U	0.0010	mg/kg wet							
Chlorobenzene	0.00016	U	0.0010	mg/kg wet							
Chloroethane	0.00022	U	0.0010	mg/kg wet							
Chloroform	0.00014	U	0.0010	mg/kg wet							
Chloromethane	0.00013	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00010	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00020	U	0.0010	mg/kg wet							
Dibromomethane	0.00011	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00015	U	0.0010	mg/kg wet							
Ethylbenzene	0.00010	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00015	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00011	U	0.0010	mg/kg wet							
m,p-Xylenes	0.00021	U	0.0020	mg/kg wet							
Methylene Chloride	0.00022	U	0.0010	mg/kg wet							
Methyl-tert-Butyl Ether	0.00010	U	0.0010	mg/kg wet							
Naphthalene	0.00016	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00015	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00010	U	0.0010	mg/kg wet							
o-Xylene	0.00010	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00010	U	0.0010	mg/kg wet							
Styrene	0.00016	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00010	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00021	U	0.0010	mg/kg wet							
Toluene	0.00012	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00012	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00011	U	0.0010	mg/kg wet							
Trichloroethene	0.00018	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00010	U	0.0010	mg/kg wet							
Vinyl chloride	0.00015	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00030	U	0.0010	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*96*	*61-118*			
Surrogate: Dibromofluoromethane	*50*			*ug/L*	*50.0*		*100*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*63-118*			

LCS (0B25028-BS1) Prepared: 02/25/2010 16:19 Analyzed: 02/25/2010 18:39

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		96	64-133			
Benzene	19		1.0	ug/L	20.0		96	79-129			
Chlorobenzene	20		1.0	ug/L	20.0		98	79-121			
Toluene	20		1.0	ug/L	20.0		101	77-120			
Trichloroethene	20		1.0	ug/L	20.0		100	78-118			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*61-118*			
Surrogate: Dibromofluoromethane	*49*			*ug/L*	*50.0*		*97*	*66-114*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0B25028 - EPA 5035_MS

LCS (0B25028-BS1) Continued Prepared: 02/25/2010 16:19 Analyzed: 02/25/2010 18:39

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Toluene-d8	*49*			*ug/L*	*50.0*		*98*	*63-118*			

Matrix Spike (0B25028-MS1) Prepared: 02/25/2010 16:19 Analyzed: 02/25/2010 19:08

Source: C002033-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.10 U	97	64-133			
Benzene	20		1.0	ug/L	20.0	0.11 U	100	79-129			
Chlorobenzene	20		1.0	ug/L	20.0	0.16 U	98	79-121			
Toluene	20		1.0	ug/L	20.0	0.12 U	99	77-120			
Trichloroethene	20		1.0	ug/L	20.0	0.18 U	100	78-118			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*61-118*			
Surrogate: Dibromofluoromethane	*49*			*ug/L*	*50.0*		*98*	*66-114*			
Surrogate: Toluene-d8	*50*			*ug/L*	*50.0*		*99*	*63-118*			

Matrix Spike Dup (0B25028-MSD1) Prepared: 02/25/2010 16:19 Analyzed: 02/25/2010 19:36

Source: C002033-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.10 U	91	64-133	7	23	
Benzene	20		1.0	ug/L	20.0	0.11 U	98	79-129	2	23	
Chlorobenzene	19		1.0	ug/L	20.0	0.16 U	96	79-121	2	25	
Toluene	19		1.0	ug/L	20.0	0.12 U	97	77-120	2	23	
Trichloroethene	20		1.0	ug/L	20.0	0.18 U	98	78-118	2	24	
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*61-118*			
Surrogate: Dibromofluoromethane	*49*			*ug/L*	*50.0*		*98*	*66-114*			
Surrogate: Toluene-d8	*50*			*ug/L*	*50.0*		*100*	*63-118*			

Batch 0B26006 - EPA 5035_MS

Blank (0B26006-BLK1) Prepared: 02/26/2010 10:17 Analyzed: 02/26/2010 12:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00013	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00017	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00010	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00010	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00010	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00041	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00010	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00011	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00080	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00016	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00014	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0B26006 - EPA 5035_MS

Blank (0B26006-BLK1) Continued Prepared: 02/26/2010 10:17 Analyzed: 02/26/2010 12:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dichloroethane	0.00017	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00016	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00013	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00012	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00014	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00012	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00011	U	0.0010	mg/kg wet							
2-Butanone	0.00045	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00035	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00010	U	0.0010	mg/kg wet							
2-Hexanone	0.00033	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00012	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00014	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00031	U	0.0050	mg/kg wet							
Acetone	0.00098	U	0.0050	mg/kg wet							
Benzene	0.00011	U	0.0010	mg/kg wet							
Bromobenzene	0.00010	U	0.0010	mg/kg wet							
Bromochloromethane	0.00025	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00012	U	0.0010	mg/kg wet							
Bromoform	0.00018	U	0.0010	mg/kg wet							
Bromomethane	0.00022	U	0.0010	mg/kg wet							
Carbon disulfide	0.00020	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00012	U	0.0010	mg/kg wet							
Chlorobenzene	0.00016	U	0.0010	mg/kg wet							
Chloroethane	0.00022	U	0.0010	mg/kg wet							
Chloroform	0.00014	U	0.0010	mg/kg wet							
Chloromethane	0.00013	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00010	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00020	U	0.0010	mg/kg wet							
Dibromomethane	0.00011	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00015	U	0.0010	mg/kg wet							
Ethylbenzene	0.00010	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00015	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00011	U	0.0010	mg/kg wet							
m,p-Xylenes	0.00021	U	0.0020	mg/kg wet							
Methylene Chloride	0.00022	U	0.0010	mg/kg wet							
Methyl-tert-Butyl Ether	0.00010	U	0.0010	mg/kg wet							
Naphthalene	0.00016	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00015	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00010	U	0.0010	mg/kg wet							
o-Xylene	0.00010	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00010	U	0.0010	mg/kg wet							
Styrene	0.00016	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00010	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00021	U	0.0010	mg/kg wet							
Toluene	0.00012	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00012	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00011	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0B26006 - EPA 5035_MS

Blank (0B26006-BLK1) Continued Prepared: 02/26/2010 10:17 Analyzed: 02/26/2010 12:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	0.00018	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00010	U	0.0010	mg/kg wet							
Vinyl chloride	0.00015	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00030	U	0.0010	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*96*	*61-118*			
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*102*	*66-114*			
Surrogate: Toluene-d8	*50*			*ug/L*	*50.0*		*100*	*63-118*			

LCS (0B26006-BS1) Prepared: 02/26/2010 10:17 Analyzed: 02/26/2010 12:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0		105	64-133			
Benzene	21		1.0	ug/L	20.0		105	79-129			
Chlorobenzene	20		1.0	ug/L	20.0		99	79-121			
Toluene	20		1.0	ug/L	20.0		101	77-120			
Trichloroethene	21		1.0	ug/L	20.0		105	78-118			
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*95*	*61-118*			
Surrogate: Dibromofluoromethane	*49*			*ug/L*	*50.0*		*99*	*66-114*			
Surrogate: Toluene-d8	*50*			*ug/L*	*50.0*		*101*	*63-118*			

Matrix Spike (0B26006-MS1) Prepared: 02/26/2010 10:17 Analyzed: 02/26/2010 13:17

Source: C002033-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.10 U	108	64-133			
Benzene	20		1.0	ug/L	20.0	0.11 U	100	79-129			
Chlorobenzene	20		1.0	ug/L	20.0	0.16 U	100	79-121			
Toluene	21		1.0	ug/L	20.0	0.12 U	103	77-120			
Trichloroethene	20		1.0	ug/L	20.0	0.18 U	99	78-118			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*61-118*			
Surrogate: Dibromofluoromethane	*48*			*ug/L*	*50.0*		*97*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*63-118*			

Matrix Spike Dup (0B26006-MSD1) Prepared: 02/26/2010 10:17 Analyzed: 02/26/2010 13:45

Source: C002033-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.10 U	110	64-133	2	23	
Benzene	20		1.0	ug/L	20.0	0.11 U	101	79-129	0.9	23	
Chlorobenzene	20		1.0	ug/L	20.0	0.16 U	101	79-121	0.7	25	
Toluene	20		1.0	ug/L	20.0	0.12 U	102	77-120	2	23	
Trichloroethene	21		1.0	ug/L	20.0	0.18 U	106	78-118	7	24	
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*96*	*61-118*			
Surrogate: Dibromofluoromethane	*49*			*ug/L*	*50.0*		*99*	*66-114*			
Surrogate: Toluene-d8	*49*			*ug/L*	*50.0*		*98*	*63-118*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0C02001 - EPA 5035_MS

Blank (0C02001-BLK1) Prepared: 03/02/2010 07:49 Analyzed: 03/02/2010 11:13

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00013	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00017	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00010	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00010	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00010	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00041	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00010	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00011	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00080	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00016	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00014	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00017	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00016	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00013	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00012	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00014	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00012	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00011	U	0.0010	mg/kg wet							
2-Butanone	0.00045	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00035	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00010	U	0.0010	mg/kg wet							
2-Hexanone	0.00033	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00012	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00014	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00031	U	0.0050	mg/kg wet							
Acetone	0.00098	U	0.0050	mg/kg wet							
Benzene	0.00011	U	0.0010	mg/kg wet							
Bromobenzene	0.00010	U	0.0010	mg/kg wet							
Bromochloromethane	0.00025	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00012	U	0.0010	mg/kg wet							
Bromoform	0.00018	U	0.0010	mg/kg wet							
Bromomethane	0.00022	U	0.0010	mg/kg wet							
Carbon disulfide	0.00020	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00012	U	0.0010	mg/kg wet							
Chlorobenzene	0.00016	U	0.0010	mg/kg wet							
Chloroethane	0.00022	U	0.0010	mg/kg wet							
Chloroform	0.00014	U	0.0010	mg/kg wet							
Chloromethane	0.00013	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00010	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00020	U	0.0010	mg/kg wet							
Dibromomethane	0.00011	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00015	U	0.0010	mg/kg wet							
Ethylbenzene	0.00010	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00015	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00011	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0C02001 - EPA 5035_MS

Blank (0C02001-BLK1) Continued Prepared: 03/02/2010 07:49 Analyzed: 03/02/2010 11:13

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
m,p-Xylenes	0.00021	U	0.0020	mg/kg wet							
Methylene Chloride	0.00022	U	0.0010	mg/kg wet							
Methyl-tert-Butyl Ether	0.00010	U	0.0010	mg/kg wet							
Naphthalene	0.00016	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00015	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00010	U	0.0010	mg/kg wet							
o-Xylene	0.00010	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00010	U	0.0010	mg/kg wet							
Styrene	0.00016	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00010	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00021	U	0.0010	mg/kg wet							
Toluene	0.00012	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00012	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00011	U	0.0010	mg/kg wet							
Trichloroethene	0.00018	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00010	U	0.0010	mg/kg wet							
Vinyl chloride	0.00015	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00030	U	0.0010	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*95*	*61-118*			
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*103*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*63-118*			

LCS (0C02001-BS1) Prepared: 03/02/2010 07:49 Analyzed: 03/02/2010 11:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0		100	64-133			
Benzene	18		1.0	ug/L	20.0		89	79-129			
Chlorobenzene	19		1.0	ug/L	20.0		93	79-121			
Toluene	18		1.0	ug/L	20.0		89	77-120			
Trichloroethene	19		1.0	ug/L	20.0		94	78-118			
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*97*	*61-118*			
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*102*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*63-118*			

Matrix Spike (0C02001-MS1) Prepared: 03/02/2010 07:49 Analyzed: 03/02/2010 12:10

Source: C002033-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.10 U	103	64-133			
Benzene	19		1.0	ug/L	20.0	0.11 U	95	79-129			
Chlorobenzene	19		1.0	ug/L	20.0	0.16 U	97	79-121			
Toluene	19		1.0	ug/L	20.0	0.12 U	96	77-120			
Trichloroethene	20		1.0	ug/L	20.0	0.18 U	102	78-118			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*95*	*61-118*			
Surrogate: Dibromofluoromethane	*50*			*ug/L*	*50.0*		*100*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*95*	*63-118*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0C02001 - EPA 5035_MS

Matrix Spike Dup (0C02001-MSD1) Prepared: 03/02/2010 07:49 Analyzed: 03/02/2010 12:39

Source: C002033-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.10 U	103	64-133	0.3	23	
Benzene	19		1.0	ug/L	20.0	0.11 U	93	79-129	2	23	
Chlorobenzene	19		1.0	ug/L	20.0	0.16 U	95	79-121	2	25	
Toluene	19		1.0	ug/L	20.0	0.12 U	94	77-120	3	23	
Trichloroethene	20		1.0	ug/L	20.0	0.18 U	99	78-118	3	24	
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*95*	*61-118*			
Surrogate: Dibromofluoromethane	*52*			*ug/L*	*50.0*		*104*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*63-118*			

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 0B25023 - EPA 3550C_MS

Blank (0B25023-BLK1) Prepared: 02/25/2010 14:11 Analyzed: 02/26/2010 11:47

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1-Methylnaphthalene	0.0060	U	0.033	mg/kg wet							
2-Methylnaphthalene	0.0054	U	0.033	mg/kg wet							
Acenaphthene	0.0047	U	0.033	mg/kg wet							
Acenaphthylene	0.0071	U	0.033	mg/kg wet							
Anthracene	0.0067	U	0.033	mg/kg wet							
Benzo(a)anthracene	0.0058	U	0.033	mg/kg wet							
Benzo(a)pyrene	0.0036	U	0.033	mg/kg wet							
Benzo(b)fluoranthene	0.0058	U	0.033	mg/kg wet							
Benzo(g,h,i)perylene	0.0060	U	0.033	mg/kg wet							
Benzo(k)fluoranthene	0.0060	U	0.033	mg/kg wet							
Chrysene	0.0071	U	0.033	mg/kg wet							
Dibenzo(a,h)anthracene	0.0060	U	0.033	mg/kg wet							QV-01
Fluoranthene	0.0059	U	0.033	mg/kg wet							
Fluorene	0.0060	U	0.033	mg/kg wet							
Indeno(1,2,3-cd)pyrene	0.0060	U	0.033	mg/kg wet							
Naphthalene	0.0054	U	0.033	mg/kg wet							
Phenanthrene	0.0073	U	0.033	mg/kg wet							
Pyrene	0.0065	U	0.033	mg/kg wet							
Surrogate: p-Terphenyl	*0.88*			*mg/kg wet*	*0.667*		*132*	*64-161*			

LCS (0B25023-BS1) Prepared: 02/25/2010 14:11 Analyzed: 02/26/2010 12:15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	0.73		0.033	mg/kg wet	0.667		109	64-131			
Benzo(a)pyrene	0.73		0.033	mg/kg wet	0.667		110	60-137			
Naphthalene	0.70		0.033	mg/kg wet	0.667		106	59-129			
Surrogate: p-Terphenyl	*0.76*			*mg/kg wet*	*0.667*		*114*	*64-161*			

Matrix Spike (0B25023-MS1) Prepared: 02/25/2010 14:11 Analyzed: 02/26/2010 12:42

Source: C001792-02

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 0B25023 - EPA 3550C_MS

Matrix Spike (0B25023-MS1) Continued Prepared: 02/25/2010 14:11 Analyzed: 02/26/2010 12:42

Source: C001792-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	0.87		0.037	mg/kg dry	0.738	0.0052 U	118	64-131			
Benzo(a)pyrene	0.92		0.037	mg/kg dry	0.738	0.0040 U	124	60-137			
Naphthalene	0.83		0.037	mg/kg dry	0.738	0.0060 U	113	59-129			
Surrogate: p-Terphenyl	*0.89*			*mg/kg dry*	*0.738*		*120*	*64-161*			

Matrix Spike Dup (0B25023-MSD1) Prepared: 02/25/2010 14:11 Analyzed: 02/26/2010 13:10

Source: C001792-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	0.85		0.037	mg/kg dry	0.738	0.0052 U	116	64-131	2	19	
Benzo(a)pyrene	0.91		0.037	mg/kg dry	0.738	0.0040 U	124	60-137	0.4	50	
Naphthalene	0.82		0.037	mg/kg dry	0.738	0.0060 U	111	59-129	2	21	
Surrogate: p-Terphenyl	*0.90*			*mg/kg dry*	*0.738*		*122*	*64-161*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0B25008 - EPA 3050B

Blank (0B25008-BLK1) Prepared: 02/25/2010 09:44 Analyzed: 02/26/2010 12:00

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.110	U	1.00	mg/kg wet							
Arsenic	0.100	U	0.500	mg/kg wet							
Beryllium	0.0120	U	0.0500	mg/kg wet							
Cadmium	0.00960	U	0.0500	mg/kg wet							
Chromium	0.100	U	0.500	mg/kg wet							
Copper	0.190	U	0.500	mg/kg wet							
Lead	0.120	U	0.500	mg/kg wet							
Nickel	0.360	U	2.50	mg/kg wet							
Selenium	0.100	U	0.500	mg/kg wet							
Silver	0.100	U	0.500	mg/kg wet							
Thallium	0.100	U	0.500	mg/kg wet							
Zinc	1.10	U	2.50	mg/kg wet							

LCS (0B25008-BS1) Prepared: 02/25/2010 09:44 Analyzed: 02/26/2010 12:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	23.3		1.00	mg/kg wet	25.0		93	80-120			
Arsenic	46.2		0.500	mg/kg wet	50.0		92	80-120			
Beryllium	23.3		0.0500	mg/kg wet	25.0		93	80-120			
Cadmium	23.2		0.0500	mg/kg wet	25.0		93	80-120			
Chromium	46.4		0.500	mg/kg wet	50.0		93	80-120			
Copper	23.4		0.500	mg/kg wet	25.0		94	80-120			
Lead	47.8		0.500	mg/kg wet	50.0		96	80-120			
Nickel	45.7		2.50	mg/kg wet	50.0		91	80-120			
Selenium	46.9		0.500	mg/kg wet	50.0		94	80-120			
Silver	4.76		0.500	mg/kg wet	5.00		95	80-120			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0B25008 - EPA 3050B

LCS (0B25008-BS1) Continued Prepared: 02/25/2010 09:44 Analyzed: 02/26/2010 12:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Thallium	23.5		0.500	mg/kg wet	25.0		94	80-120			
Zinc	47.2		2.50	mg/kg wet	50.0		94	80-120			

Matrix Spike (0B25008-MS1) Prepared: 02/25/2010 09:44 Analyzed: 02/26/2010 12:07

Source: C001792-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	21.3		1.16	mg/kg dry	28.7	1.36	70	75-125			QM-07
Arsenic	74.2		0.579	mg/kg dry	57.3	18.2	98	75-125			
Beryllium	29.0		0.0579	mg/kg dry	28.7	0.534	99	75-125			
Cadmium	26.3		0.0579	mg/kg dry	28.7	0.518	90	75-125			
Chromium	66.3		0.579	mg/kg dry	57.3	12.6	94	75-125			
Copper	61.9		0.579	mg/kg dry	28.7	31.2	107	75-125			
Lead	325		0.579	mg/kg dry	57.3	308	30	75-125			QM-07
Nickel	60.4		2.90	mg/kg dry	57.3	9.04	90	75-125			
Selenium	56.3		0.579	mg/kg dry	57.3	1.75	95	75-125			
Silver	6.85		0.579	mg/kg dry	5.73	0.758	106	75-125			
Thallium	23.4		0.579	mg/kg dry	28.7	0.116 U	82	75-125			
Zinc	199		2.90	mg/kg dry	57.3	140	103	75-125			

Matrix Spike Dup (0B25008-MSD1) Prepared: 02/25/2010 09:44 Analyzed: 02/26/2010 12:17

Source: C001792-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	18.2		1.16	mg/kg dry	28.7	1.36	59	75-125	16	20	QM-07
Arsenic	64.7		0.579	mg/kg dry	57.3	18.2	81	75-125	14	20	
Beryllium	26.7		0.0579	mg/kg dry	28.7	0.534	91	75-125	8	20	
Cadmium	24.1		0.0579	mg/kg dry	28.7	0.518	82	75-125	9	20	
Chromium	61.7		0.579	mg/kg dry	57.3	12.6	86	75-125	7	20	
Copper	59.5		0.579	mg/kg dry	28.7	31.2	99	75-125	4	20	
Lead	449		0.579	mg/kg dry	57.3	308	246	75-125	32	20	QM-07, QM-11
Nickel	55.5		2.90	mg/kg dry	57.3	9.04	81	75-125	8	20	
Selenium	49.7		0.579	mg/kg dry	57.3	1.75	84	75-125	12	20	
Silver	6.51		0.579	mg/kg dry	5.73	0.758	100	75-125	5	20	
Thallium	20.4		0.579	mg/kg dry	28.7	0.116 U	71	75-125	14	20	QM-07
Zinc	184		2.90	mg/kg dry	57.3	140	77	75-125	8	20	

Post Spike (0B25008-PS1) Prepared: 02/25/2010 09:44 Analyzed: 02/26/2010 12:20

Source: C001792-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.493		0.0200	mg/L	0.500	0.0234	94	80-120			
Arsenic	1.22		0.0100	mg/L	1.00	0.314	91	80-120			
Beryllium	0.496		0.00100	mg/L	0.500	0.00922	97	80-120			
Cadmium	0.440		0.00100	mg/L	0.500	0.00895	86	80-120			
Chromium	1.12		0.0100	mg/L	1.00	0.217	90	80-120			
Copper	1.01		0.0100	mg/L	0.500	0.539	95	80-120			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0B25008 - EPA 3050B

Post Spike (0B25008-PS1) Continued Prepared: 02/25/2010 09:44 Analyzed: 02/26/2010 12:20

Source: C001792-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Lead	5.90		0.0100	mg/L	1.00	5.32	57	80-120			QM-08
Nickel	1.01		0.0500	mg/L	1.00	0.156	85	80-120			
Selenium	0.963		0.0100	mg/L	1.00	0.0302	93	80-120			
Silver	0.111		0.0100	mg/L	0.100	0.0131	98	80-120			
Thallium	0.411		0.0100	mg/L	0.500	-0.0287	88	80-120			
Zinc	3.16		0.0500	mg/L	1.00	2.41	75	80-120			QM-08

Batch 0B25009 - EPA 7471B

Blank (0B25009-BLK1) Prepared: 02/25/2010 10:01 Analyzed: 02/25/2010 14:53

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00530	U	0.0100	mg/kg wet							

LCS (0B25009-BS1) Prepared: 02/25/2010 10:01 Analyzed: 02/25/2010 14:56

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.277		0.0100	mg/kg wet	0.254		109	85-115			

Matrix Spike (0B25009-MS1) Prepared: 02/25/2010 10:01 Analyzed: 02/25/2010 15:01

Source: C001792-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.334		0.0116	mg/kg dry	0.290	0.0474	99	85-115			

Matrix Spike Dup (0B25009-MSD1) Prepared: 02/25/2010 10:01 Analyzed: 02/25/2010 15:04

Source: C001792-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.339		0.0116	mg/kg dry	0.290	0.0474	101	85-115	2	15	

Post Spike (0B25009-PS1) Prepared: 02/25/2010 10:01 Analyzed: 02/25/2010 15:07

Source: C001792-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.86		0.200	ug/L	5.00	0.805	101	75-125			

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-08	Post-digestion spike did not meet method requirements due to confirmed matrix effects (dilution test).
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, the impact on data quality is minimal.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Page 1 of 2

Client Name: ECS - Wilmington (EA026)	Project Number: [none] 22-13842D
Address: 7211 Ogden Business Park Suite 201	Project Name/Desc: Wrightsville
City/ST/Zip: Wilmington, NC 28411	PO # / Billing Info:
Tel: (910) 686-9114 Fax:	Reporting Contact: Amy Conchas
Sampler(s) Name, Affiliation (Print): Amy Conchas	Billing Contact: Amy Conchas
Sampler(s) Signature: Amy Conchas	Facility # (if required):

Requested Analyses

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due __/__/__

Lab Workorder: C001792

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B	8270D	Hg	Sample Comments
					GW	2		X	X	X	
					GW	2		X	X	X	
					GW	2		X	X	X	
	S-13-0-1	2/23/10	10:15	G	SO	4	X	X			
	S-13-3-4		10:20		SO	4	X	X			
	S-14-0-1		10:35		SO	4	X	X			
	S-14-3-4		10:40		SO	4	X	X			
	S-15-0-2		12:30		SO	4	X	X			
	S-15-3-4		12:35		SO	4	X	X			
	S-16-1-2		12:45		SO	4	X	X			
	S-16-3-4		12:50		SO	4	X	X			
	S-17-1-2		1:00		SO	4	X	X			
						76	<-- Total # of Containers			

Preservation (See Codes) (Combine as necessary)

Sample Kit Prepared By: SF	Date/Time: 2/19/10	Relinquished By: Amy Conchas	Date/Time: 2/23/10 5:00
Received By: Briana Gregory	Date/Time: 2/24/10 09:30	Relinquished By:	Date/Time:
Received By:	Date/Time:	Relinquished By:	Date/Time:
Received By:	Date/Time:	Relinquished By:	Date/Time:
Received By:	Date/Time:	Cooler #'s & Temps on Receipt: C-234 C-204 1.2°C C-705 1.8°C	Condition Upon Receipt: X Acceptable ___ Unacceptable

Comments: Per email, all 8270D are 8270D PAH. BJG 2/24/10

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: Hce H-HCl N-HNO3 S-H2SO4 NO NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist.

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(904) 296-3007 Fax (904) 296 6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Client Name: ECS - Wilmington (EA026)	Project Number: [none] 22-13842D
Address: 7211 Ogden Business Park Suite 201	Project Name/Desc: Wrightsville Beach
City/ST/Zip: Wilmington, NC 28411	PO # / Billing Info:
Tel: (910) 686-9114 Fax:	Reporting Contact: Amy Conchas
Sampler(s) Name, Affiliation (Print): Amy Conchas	Billing Contact: Amy Conchas
Sampler(s) Signature: Amy Conchas	Facility # (if required):

Requested Analyses: % Solids; 8270D Ag,As,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,Zn; 8260B; 8270D; Ag,As,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,Zn; Hg

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: C001792

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers											Sample Comments
	S-17-3-4	2/23/10	1:10	G	SO	4	X	X									
	S-18-0-1		1:15		SO	4	X	X									
	S-18-2-3		1:20		SO	4	X	X									
	S-19-1-2		9:15		SO	4	X	X									
	S-19-3-4		9:20		SO	4	X	X									
	S-20-2-3		9:35		SO	4	X	X									
	S-20-4-5		9:40		SO	4	X	X									
	S-21-1-2		9:55		SO	4	X	X									
	S-21-3-4		10:00		SO	4	X	X									
	Dup.				SO	4	X	X									
	Trip Blank				WA	2		X									

<-- Total # of Containers

Sample Kit Prepared By: SGF 2/19/10	Date/Time	Relinquished By: Amy Conchas	Date/Time: 2/23/10	Received By: Briana Gregory	Date/Time: 2/24/10 09:30
Comments:		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: C-234 C-705 1.8°C C-204 1.2°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
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Friday, April 16, 2010

ECS - Wilmington (EA026)

Attn: Amy Conchas

7211 Ogden Business Park Suite 201

Wilmington, NC 28411

RE: Laboratory Results for
Project Number: 13842D, Project Name/Desc: Wrightsville Avenue REC
ENCO Workorder: C004158

Dear Amy Conchas,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, April 8, 2010.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 27.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1	Lab ID: C004158-01	Sampled: 04/07/10 14:15	Received: 04/08/10 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	10/04/10		04/09/10	09:59	4/12/2010 10:54
EPA 6020A	10/04/10		04/09/10	09:31	4/12/2010 11:50
EPA 7470A	05/05/10		04/09/10	10:09	4/9/2010 17:44
EPA 8270D	04/14/10	05/23/10	04/13/10	18:00	4/15/2010 19:21

Client ID: MW-2	Lab ID: C004158-02	Sampled: 04/07/10 14:30	Received: 04/08/10 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	10/04/10		04/09/10	09:59	4/12/2010 10:56
EPA 6020A	10/04/10		04/09/10	09:31	4/12/2010 11:53
EPA 7470A	05/05/10		04/09/10	10:09	4/9/2010 17:47
EPA 8270D	04/14/10	05/23/10	04/13/10	18:00	4/15/2010 19:47

Client ID: Dup	Lab ID: C004158-03	Sampled: 04/07/10 15:00	Received: 04/08/10 10:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	10/04/10		04/09/10	09:59	4/12/2010 11:06
EPA 6020A	10/04/10		04/09/10	09:31	4/12/2010 11:57
EPA 7470A	05/05/10		04/09/10	10:09	4/9/2010 17:56
EPA 8270D	04/14/10	05/23/10	04/13/10	18:00	4/15/2010 20:12

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SAMPLE DETECTION SUMMARY

Client ID: MW-1 **Lab ID: C004158-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	16.5		2.80	10.0	ug/L	EPA 6010C	
Beryllium - Total	0.260	J	0.100	1.00	ug/L	EPA 6010C	
Chromium - Total	65.1		1.00	10.0	ug/L	EPA 6010C	
Copper - Total	18.1		1.60	10.0	ug/L	EPA 6010C	
Lead - Total	40.2		1.90	10.0	ug/L	EPA 6010C	
Nickel - Total	10.8		1.80	10.0	ug/L	EPA 6010C	
Selenium - Total	8.64		0.830	1.00	ug/L	EPA 6020A	
Silver - Total	3.36	J	1.90	10.0	ug/L	EPA 6010C	
Thallium - Total	0.129	J	0.110	1.00	ug/L	EPA 6020A	
Zinc - Total	67.9		3.80	10.0	ug/L	EPA 6010C	

Client ID: MW-2 **Lab ID: C004158-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	40.0		2.80	10.0	ug/L	EPA 6010C	
Beryllium - Total	0.463	J	0.100	1.00	ug/L	EPA 6010C	
Chromium - Total	101		1.00	10.0	ug/L	EPA 6010C	
Copper - Total	12.1		1.60	10.0	ug/L	EPA 6010C	
Lead - Total	56.6		1.90	10.0	ug/L	EPA 6010C	
Mercury - Total	0.0873	J	0.0540	0.200	ug/L	EPA 7470A	
Nickel - Total	13.9		1.80	10.0	ug/L	EPA 6010C	
Selenium - Total	1.75		0.830	1.00	ug/L	EPA 6020A	
Silver - Total	3.85	J	1.90	10.0	ug/L	EPA 6010C	
Thallium - Total	0.133	J	0.110	1.00	ug/L	EPA 6020A	
Zinc - Total	52.8		3.80	10.0	ug/L	EPA 6010C	

Client ID: Dup **Lab ID: C004158-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	51.2		2.80	10.0	ug/L	EPA 6010C	
Beryllium - Total	0.456	J	0.100	1.00	ug/L	EPA 6010C	
Chromium - Total	81.4		1.00	10.0	ug/L	EPA 6010C	
Copper - Total	8.22	J	1.60	10.0	ug/L	EPA 6010C	
Lead - Total	50.8		1.90	10.0	ug/L	EPA 6010C	
Mercury - Total	0.0972	J	0.0540	0.200	ug/L	EPA 7470A	
Nickel - Total	9.61	J	1.80	10.0	ug/L	EPA 6010C	
Selenium - Total	1.21		0.830	1.00	ug/L	EPA 6020A	
Silver - Total	4.94	J	1.90	10.0	ug/L	EPA 6010C	
Thallium - Total	0.135	J	0.110	1.00	ug/L	EPA 6020A	
Unknown	7.3	J			ug/L	EPA 8270D	
Zinc - Total	35.8		3.80	10.0	ug/L	EPA 6010C	

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ANALYTICAL RESULTS

Description: MW-1 **Lab Sample ID:** C004158-01 **Received:** 04/08/10 10:00
Matrix: Water **Sampled:** 04/07/10 14:15 **Work Order:** C004158
Project: Wrightsville Avenue REC **Sampled By:** Dan Post

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
1-Methylnaphthalene [90-12-0] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.5	U	ug/L	1	1.5	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2,4-Dichlorophenol [120-83-2] ^	2.0	U	ug/L	1	2.0	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2,4-Dimethylphenol [105-67-9] ^	2.6	U	ug/L	1	2.6	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2,4-Dinitrotoluene [121-14-2] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2-Chloronaphthalene [91-58-7] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2-Chlorophenol [95-57-8] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2-Methylnaphthalene [91-57-6] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
2-Nitrophenol [88-75-5] ^	2.3	U	ug/L	1	2.3	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	1.7	U	ug/L	1	1.7	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
4-Nitroaniline [100-01-6] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Acenaphthene [83-32-9] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Acenaphthylene [208-96-8] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Anthracene [120-12-7] ^	0.64	U	ug/L	1	0.64	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Benzidine [92-87-5] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Benzo(a)anthracene [56-55-3] ^	0.76	U	ug/L	1	0.76	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Benzo(a)pyrene [50-32-8] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.78	U	ug/L	1	0.78	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.77	U	ug/L	1	0.77	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Benzoic acid [65-85-0] ^	3.6	U	ug/L	1	3.6	50	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Benzyl alcohol [100-51-6] ^	2.0	U	ug/L	1	2.0	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	2.6	U	ug/L	1	2.6	5.0	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Chrysene [218-01-9] ^	0.92	U	ug/L	1	0.92	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Diethylphthalate [84-66-2] ^	0.61	U	ug/L	1	0.61	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	

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Description: MW-1 | **Lab Sample ID:** C004158-01 | **Received:** 04/08/10 10:00

Matrix: Water | **Sampled:** 04/07/10 14:15 | **Work Order:** C004158

Project: Wrightsville Avenue REC | **Sampled By:** Dan Post

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Dimethylphthalate [131-11-3] ^	0.79	U	ug/L	1	0.79	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Di-n-butylphthalate [84-74-2] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Di-n-octylphthalate [117-84-0] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Fluoranthene [206-44-0] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Fluorene [86-73-7] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Hexachlorobenzene [118-74-1] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Hexachloroethane [67-72-1] ^	0.97	U	ug/L	1	0.97	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	1.7	U	ug/L	1	1.7	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Isophorone [78-59-1] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Naphthalene [91-20-3] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Pentachlorophenol [87-86-5] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Phenanthrene [85-01-8] ^	0.74	U	ug/L	1	0.74	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Phenol [108-95-2] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Pyrene [129-00-0] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	
Pyridine [110-86-1] ^	1.5	U	ug/L	1	1.5	10	0D13007	EPA 8270D	04/15/10 19:21	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*94*	*1*	*100*	*94 %*	*10-179*	*0D13007*	*EPA 8270D*	*04/15/10 19:21*	*DFM*	
2-Fluorobiphenyl	*45*	*1*	*50.0*	*89 %*	*10-149*	*0D13007*	*EPA 8270D*	*04/15/10 19:21*	*DFM*	
2-Fluorophenol	*59*	*1*	*100*	*59 %*	*10-110*	*0D13007*	*EPA 8270D*	*04/15/10 19:21*	*DFM*	
Nitrobenzene-d5	*45*	*1*	*50.0*	*91 %*	*10-149*	*0D13007*	*EPA 8270D*	*04/15/10 19:21*	*DFM*	
Phenol-d5	*45*	*1*	*100*	*45 %*	*10-88*	*0D13007*	*EPA 8270D*	*04/15/10 19:21*	*DFM*	
Terphenyl-d14	*45*	*1*	*50.0*	*90 %*	*10-188*	*0D13007*	*EPA 8270D*	*04/15/10 19:21*	*DFM*	

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Description: MW-1
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C004158-01
Sampled: 04/07/10 14:15
Sampled By: Dan Post

Received: 04/08/10 10:00
Work Order: C004158

Tentatively Identified Compounds by Semivolatile GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Tentatively Identified Compounds [NA] ^	0.0	U	ug/L	1			0D13007	EPA 8270D	04/15/10 19:21	DFM	

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Description:	MW-1	**Lab Sample ID:**	C004158-01	**Received:**	04/08/10 10:00
Matrix:	Water	**Sampled:**	04/07/10 14:15	**Work Order:**	C004158
Project:	Wrightsville Avenue REC	**Sampled By:**	Dan Post		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.0540	U	ug/L	1	0.0540	0.200	0D09016	EPA 7470A	04/09/10 17:44	NLH	

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Description: MW-1 | **Lab Sample ID:** C004158-01 | **Received:** 04/08/10 10:00

Matrix: Water | **Sampled:** 04/07/10 14:15 | **Work Order:** C004158

Project: Wrightsville Avenue REC | **Sampled By:** Dan Post

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.220	U	ug/L	1	0.220	2.00	0D08008	EPA 6020A	04/12/10 11:50	VLO	
Arsenic [7440-38-2] ^	**16.5**		ug/L	1	2.80	10.0	0D09015	EPA 6010C	04/12/10 10:54	JDH	
Beryllium [7440-41-7] ^	**0.260**	J	ug/L	1	0.100	1.00	0D09015	EPA 6010C	04/12/10 10:54	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	0D09015	EPA 6010C	04/12/10 10:54	JDH	
Chromium [7440-47-3] ^	**65.1**		ug/L	1	1.00	10.0	0D09015	EPA 6010C	04/12/10 10:54	JDH	
Copper [7440-50-8] ^	**18.1**		ug/L	1	1.60	10.0	0D09015	EPA 6010C	04/12/10 10:54	JDH	
Lead [7439-92-1] ^	**40.2**		ug/L	1	1.90	10.0	0D09015	EPA 6010C	04/12/10 10:54	JDH	
Nickel [7440-02-0] ^	**10.8**		ug/L	1	1.80	10.0	0D09015	EPA 6010C	04/12/10 10:54	JDH	
Selenium [7782-49-2] ^	**8.64**		ug/L	1	0.830	1.00	0D08008	EPA 6020A	04/12/10 11:50	VLO	
Silver [7440-22-4] ^	**3.36**	J	ug/L	1	1.90	10.0	0D09015	EPA 6010C	04/12/10 10:54	JDH	
Thallium [7440-28-0] ^	**0.129**	J	ug/L	1	0.110	1.00	0D08008	EPA 6020A	04/12/10 11:50	VLO	
Zinc [7440-66-6] ^	**67.9**		ug/L	1	3.80	10.0	0D09015	EPA 6010C	04/12/10 10:54	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-2 | **Lab Sample ID:** C004158-02 | **Received:** 04/08/10 10:00

Matrix: Water | **Sampled:** 04/07/10 14:30 | **Work Order:** C004158

Project: Wrightsville Avenue REC | **Sampled By:** Dan Post

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
1-Methylnaphthalene [90-12-0] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.5	U	ug/L	1	1.5	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2,4-Dichlorophenol [120-83-2] ^	2.0	U	ug/L	1	2.0	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2,4-Dimethylphenol [105-67-9] ^	2.6	U	ug/L	1	2.6	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2,4-Dinitrotoluene [121-14-2] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2-Chloronaphthalene [91-58-7] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2-Chlorophenol [95-57-8] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2-Methylnaphthalene [91-57-6] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
2-Nitrophenol [88-75-5] ^	2.3	U	ug/L	1	2.3	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	1.7	U	ug/L	1	1.7	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
4-Nitroaniline [100-01-6] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Acenaphthene [83-32-9] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Acenaphthylene [208-96-8] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Anthracene [120-12-7] ^	0.64	U	ug/L	1	0.64	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Benzidine [92-87-5] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Benzo(a)anthracene [56-55-3] ^	0.76	U	ug/L	1	0.76	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Benzo(a)pyrene [50-32-8] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.78	U	ug/L	1	0.78	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.77	U	ug/L	1	0.77	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Benzoic acid [65-85-0] ^	3.6	U	ug/L	1	3.6	50	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Benzyl alcohol [100-51-6] ^	2.0	U	ug/L	1	2.0	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	2.6	U	ug/L	1	2.6	5.0	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Chrysene [218-01-9] ^	0.92	U	ug/L	1	0.92	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Diethylphthalate [84-66-2] ^	0.61	U	ug/L	1	0.61	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Dimethylphthalate [131-11-3] ^	0.79	U	ug/L	1	0.79	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Di-n-butylphthalate [84-74-2] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Di-n-octylphthalate [117-84-0] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	

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Description: MW-2 | **Lab Sample ID:** C004158-02 | **Received:** 04/08/10 10:00

Matrix: Water | **Sampled:** 04/07/10 14:30 | **Work Order:** C004158

Project: Wrightsville Avenue REC | **Sampled By:** Dan Post

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Fluorene [86-73-7] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Hexachlorobenzene [118-74-1] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Hexachloroethane [67-72-1] ^	0.97	U	ug/L	1	0.97	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	1.7	U	ug/L	1	1.7	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Isophorone [78-59-1] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Naphthalene [91-20-3] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Pentachlorophenol [87-86-5] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Phenanthrene [85-01-8] ^	0.74	U	ug/L	1	0.74	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Phenol [108-95-2] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Pyrene [129-00-0] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	
Pyridine [110-86-1] ^	1.5	U	ug/L	1	1.5	10	0D13007	EPA 8270D	04/15/10 19:47	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*89*	*1*	*100*	*89 %*	*10-179*	*0D13007*	*EPA 8270D*	*04/15/10 19:47*	*DFM*	
2-Fluorobiphenyl	*42*	*1*	*50.0*	*83 %*	*10-149*	*0D13007*	*EPA 8270D*	*04/15/10 19:47*	*DFM*	
2-Fluorophenol	*59*	*1*	*100*	*59 %*	*10-110*	*0D13007*	*EPA 8270D*	*04/15/10 19:47*	*DFM*	
Nitrobenzene-d5	*42*	*1*	*50.0*	*85 %*	*10-149*	*0D13007*	*EPA 8270D*	*04/15/10 19:47*	*DFM*	
Phenol-d5	*46*	*1*	*100*	*46 %*	*10-88*	*0D13007*	*EPA 8270D*	*04/15/10 19:47*	*DFM*	
Terphenyl-d14	*40*	*1*	*50.0*	*80 %*	*10-188*	*0D13007*	*EPA 8270D*	*04/15/10 19:47*	*DFM*	

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Description: MW-2
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C004158-02
Sampled: 04/07/10 14:30
Sampled By: Dan Post

Received: 04/08/10 10:00
Work Order: C004158

Tentatively Identified Compounds by Semivolatile GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Tentatively Identified Compounds [NA] ^	0.0	U	ug/L	1			0D13007	EPA 8270D	04/15/10 19:47	DFM	

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Description:	MW-2	**Lab Sample ID:**	C004158-02	**Received:**	04/08/10 10:00
Matrix:	Water	**Sampled:**	04/07/10 14:30	**Work Order:**	C004158
Project:	Wrightsville Avenue REC	**Sampled By:**	Dan Post		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	**0.0873**	J	ug/L	1	0.0540	0.200	0D09016	EPA 7470A	04/09/10 17:47	NLH	

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Description: MW-2 | **Lab Sample ID:** C004158-02 | **Received:** 04/08/10 10:00

Matrix: Water | **Sampled:** 04/07/10 14:30 | **Work Order:** C004158

Project: Wrightsville Avenue REC | **Sampled By:** Dan Post

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.220	U	ug/L	1	0.220	2.00	0D08008	EPA 6020A	04/12/10 11:53	VLO	
Arsenic [7440-38-2] ^	**40.0**		ug/L	1	2.80	10.0	0D09015	EPA 6010C	04/12/10 10:56	JDH	
Beryllium [7440-41-7] ^	**0.463**	J	ug/L	1	0.100	1.00	0D09015	EPA 6010C	04/12/10 10:56	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	0D09015	EPA 6010C	04/12/10 10:56	JDH	
Chromium [7440-47-3] ^	**101**		ug/L	1	1.00	10.0	0D09015	EPA 6010C	04/12/10 10:56	JDH	
Copper [7440-50-8] ^	**12.1**		ug/L	1	1.60	10.0	0D09015	EPA 6010C	04/12/10 10:56	JDH	
Lead [7439-92-1] ^	**56.6**		ug/L	1	1.90	10.0	0D09015	EPA 6010C	04/12/10 10:56	JDH	
Nickel [7440-02-0] ^	**13.9**		ug/L	1	1.80	10.0	0D09015	EPA 6010C	04/12/10 10:56	JDH	
Selenium [7782-49-2] ^	**1.75**		ug/L	1	0.830	1.00	0D08008	EPA 6020A	04/12/10 11:53	VLO	
Silver [7440-22-4] ^	**3.85**	J	ug/L	1	1.90	10.0	0D09015	EPA 6010C	04/12/10 10:56	JDH	
Thallium [7440-28-0] ^	**0.133**	J	ug/L	1	0.110	1.00	0D08008	EPA 6020A	04/12/10 11:53	VLO	
Zinc [7440-66-6] ^	**52.8**		ug/L	1	3.80	10.0	0D09015	EPA 6010C	04/12/10 10:56	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: Dup | **Lab Sample ID:** C004158-03 | **Received:** 04/08/10 10:00

Matrix: Water | **Sampled:** 04/07/10 15:00 | **Work Order:** C004158

Project: Wrightsville Avenue REC | **Sampled By:** Dan Post

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
1-Methylnaphthalene [90-12-0] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.5	U	ug/L	1	1.5	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2,4-Dichlorophenol [120-83-2] ^	2.0	U	ug/L	1	2.0	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2,4-Dimethylphenol [105-67-9] ^	2.6	U	ug/L	1	2.6	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2,4-Dinitrotoluene [121-14-2] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2-Chloronaphthalene [91-58-7] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2-Chlorophenol [95-57-8] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2-Methylnaphthalene [91-57-6] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
2-Nitrophenol [88-75-5] ^	2.3	U	ug/L	1	2.3	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	1.7	U	ug/L	1	1.7	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
4-Nitroaniline [100-01-6] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Acenaphthene [83-32-9] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Acenaphthylene [208-96-8] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Anthracene [120-12-7] ^	0.64	U	ug/L	1	0.64	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Benzidine [92-87-5] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Benzo(a)anthracene [56-55-3] ^	0.76	U	ug/L	1	0.76	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Benzo(a)pyrene [50-32-8] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.78	U	ug/L	1	0.78	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.77	U	ug/L	1	0.77	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Benzoic acid [65-85-0] ^	3.6	U	ug/L	1	3.6	50	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Benzyl alcohol [100-51-6] ^	2.0	U	ug/L	1	2.0	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	2.6	U	ug/L	1	2.6	5.0	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Chrysene [218-01-9] ^	0.92	U	ug/L	1	0.92	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Diethylphthalate [84-66-2] ^	0.61	U	ug/L	1	0.61	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Dimethylphthalate [131-11-3] ^	0.79	U	ug/L	1	0.79	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Di-n-butylphthalate [84-74-2] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Di-n-octylphthalate [117-84-0] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	

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Description: Dup
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C004158-03
Sampled: 04/07/10 15:00
Sampled By: Dan Post

Received: 04/08/10 10:00
Work Order: C004158

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Fluorene [86-73-7] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Hexachlorobenzene [118-74-1] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Hexachloroethane [67-72-1] ^	0.97	U	ug/L	1	0.97	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	1.7	U	ug/L	1	1.7	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Isophorone [78-59-1] ^	1.6	U	ug/L	1	1.6	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Naphthalene [91-20-3] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.4	U	ug/L	1	1.4	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.8	U	ug/L	1	1.8	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.1	U	ug/L	1	1.1	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Pentachlorophenol [87-86-5] ^	1.0	U	ug/L	1	1.0	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Phenanthrene [85-01-8] ^	0.74	U	ug/L	1	0.74	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Phenol [108-95-2] ^	1.2	U	ug/L	1	1.2	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Pyrene [129-00-0] ^	1.3	U	ug/L	1	1.3	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	
Pyridine [110-86-1] ^	1.5	U	ug/L	1	1.5	10	0D13007	EPA 8270D	04/15/10 20:12	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*82*	*1*	*100*	*82 %*	*10-179*	*0D13007*	*EPA 8270D*	*04/15/10 20:12*	*DFM*	
2-Fluorobiphenyl	*40*	*1*	*50.0*	*81 %*	*10-149*	*0D13007*	*EPA 8270D*	*04/15/10 20:12*	*DFM*	
2-Fluorophenol	*56*	*1*	*100*	*56 %*	*10-110*	*0D13007*	*EPA 8270D*	*04/15/10 20:12*	*DFM*	
Nitrobenzene-d5	*41*	*1*	*50.0*	*82 %*	*10-149*	*0D13007*	*EPA 8270D*	*04/15/10 20:12*	*DFM*	
Phenol-d5	*43*	*1*	*100*	*43 %*	*10-88*	*0D13007*	*EPA 8270D*	*04/15/10 20:12*	*DFM*	
Terphenyl-d14	*39*	*1*	*50.0*	*77 %*	*10-188*	*0D13007*	*EPA 8270D*	*04/15/10 20:12*	*DFM*	

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Description: Dup
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C004158-03
Sampled: 04/07/10 15:00
Sampled By: Dan Post

Received: 04/08/10 10:00
Work Order: C004158

Tentatively Identified Compounds by Semivolatile GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Tentatively Identified Compounds [NA] ^	0.0	U	ug/L	1			0D13007	EPA 8270D	04/15/10 20:12	DFM	
Unknown [NA]	**7.3**	J	ug/L	1			0D13007	EPA 8270D	04/15/10 20:12	DFM	

www.encolabs.com

Description:	Dup	**Lab Sample ID:**	C004158-03	**Received:**	04/08/10 10:00
Matrix:	Water	**Sampled:**	04/07/10 15:00	**Work Order:**	C004158
Project:	Wrightsville Avenue REC	**Sampled By:**	Dan Post		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	**0.0972**	J	ug/L	1	0.0540	0.200	0D09016	EPA 7470A	04/09/10 17:56	NLH	

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Description: Dup
Matrix: Water
Project: Wrightsville Avenue REC

Lab Sample ID: C004158-03
Sampled: 04/07/10 15:00
Sampled By: Dan Post

Received: 04/08/10 10:00
Work Order: C004158

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] ^	0.220	U	ug/L	1	0.220	2.00	0D08008	EPA 6020A	04/12/10 11:57	VLO	
Arsenic [7440-38-2] ^	**51.2**		ug/L	1	2.80	10.0	0D09015	EPA 6010C	04/12/10 11:06	JDH	
Beryllium [7440-41-7] ^	**0.456**	J	ug/L	1	0.100	1.00	0D09015	EPA 6010C	04/12/10 11:06	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	0D09015	EPA 6010C	04/12/10 11:06	JDH	
Chromium [7440-47-3] ^	**81.4**		ug/L	1	1.00	10.0	0D09015	EPA 6010C	04/12/10 11:06	JDH	
Copper [7440-50-8] ^	**8.22**	J	ug/L	1	1.60	10.0	0D09015	EPA 6010C	04/12/10 11:06	JDH	
Lead [7439-92-1] ^	**50.8**		ug/L	1	1.90	10.0	0D09015	EPA 6010C	04/12/10 11:06	JDH	
Nickel [7440-02-0] ^	**9.61**	J	ug/L	1	1.80	10.0	0D09015	EPA 6010C	04/12/10 11:06	JDH	
Selenium [7782-49-2] ^	**1.21**		ug/L	1	0.830	1.00	0D08008	EPA 6020A	04/12/10 11:57	VLO	
Silver [7440-22-4] ^	**4.94**	J	ug/L	1	1.90	10.0	0D09015	EPA 6010C	04/12/10 11:06	JDH	
Thallium [7440-28-0] ^	**0.135**	J	ug/L	1	0.110	1.00	0D08008	EPA 6020A	04/12/10 11:57	VLO	
Zinc [7440-66-6] ^	**35.8**		ug/L	1	3.80	10.0	0D09015	EPA 6010C	04/12/10 11:06	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 0D13007 - EPA 3510C_MS

Blank (0D13007-BLK1) Prepared: 04/13/2010 12:56 Analyzed: 04/15/2010 15:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.3	U	10	ug/L							
1,2-Dichlorobenzene	1.1	U	10	ug/L							
1,3-Dichlorobenzene	1.1	U	10	ug/L							
1,4-Dichlorobenzene	1.2	U	10	ug/L							
1-Methylnaphthalene	1.4	U	10	ug/L							
2,4,5-Trichlorophenol	1.1	U	10	ug/L							
2,4,6-Trichlorophenol	1.5	U	10	ug/L							
2,4-Dichlorophenol	2.0	U	10	ug/L							
2,4-Dimethylphenol	2.6	U	10	ug/L							
2,4-Dinitrophenol	2.6	U	10	ug/L							
2,4-Dinitrotoluene	1.1	U	10	ug/L							
2,6-Dinitrotoluene	1.0	U	10	ug/L							
2-Chloronaphthalene	1.1	U	10	ug/L							
2-Chlorophenol	1.9	U	10	ug/L							
2-Methyl-4,6-dinitrophenol	1.9	U	10	ug/L							
2-Methylnaphthalene	1.3	U	10	ug/L							
2-Methylphenol	2.0	U	10	ug/L							
2-Nitroaniline	1.2	U	10	ug/L							
2-Nitrophenol	2.3	U	10	ug/L							
3 & 4-Methylphenol	1.8	U	10	ug/L							
3,3'-Dichlorobenzidine	1.7	U	10	ug/L							
3-Nitroaniline	1.6	U	10	ug/L							
4-Bromophenyl-phenylether	1.0	U	10	ug/L							
4-Chloro-3-methylphenol	1.6	U	10	ug/L							
4-Chloroaniline	1.6	U	10	ug/L							
4-Chlorophenyl-phenylether	1.1	U	10	ug/L							
4-Nitroaniline	1.3	U	10	ug/L							
4-Nitrophenol	1.2	U	10	ug/L							
Acenaphthene	1.1	U	10	ug/L							
Acenaphthylene	1.1	U	10	ug/L							
Anthracene	0.64	U	10	ug/L							
Benzidine	1.2	U	10	ug/L							
Benzo(a)anthracene	0.76	U	10	ug/L							
Benzo(a)pyrene	1.0	U	10	ug/L							
Benzo(b)fluoranthene	0.78	U	10	ug/L							
Benzo(g,h,i)perylene	1.9	U	10	ug/L							
Benzo(k)fluoranthene	0.77	U	10	ug/L							
Benzoic acid	3.6	U	50	ug/L							
Benzyl alcohol	2.0	U	10	ug/L							
Bis(2-chloroethoxy)methane	1.9	U	10	ug/L							
Bis(2-chloroethyl)ether	1.9	U	10	ug/L							
Bis(2-chloroisopropyl)ether	1.8	U	10	ug/L							
Bis(2-ethylhexyl)phthalate	2.6	U	5.0	ug/L							
Butylbenzylphthalate	1.4	U	10	ug/L							
Chrysene	0.92	U	10	ug/L							
Dibenzo(a,h)anthracene	1.8	U	10	ug/L							
Dibenzofuran	1.3	U	10	ug/L							
Diethylphthalate	0.61	U	10	ug/L							
Dimethylphthalate	0.79	U	10	ug/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 0D13007 - EPA 3510C_MS

Blank (0D13007-BLK1) Continued Prepared: 04/13/2010 12:56 Analyzed: 04/15/2010 15:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Di-n-butylphthalate	1.4	U	10	ug/L							
Di-n-octylphthalate	1.4	U	10	ug/L							
Fluoranthene	1.2	U	10	ug/L							
Fluorene	1.1	U	10	ug/L							
Hexachlorobenzene	1.2	U	10	ug/L							
Hexachlorobutadiene	1.2	U	10	ug/L							
Hexachlorocyclopentadiene	1.0	U	10	ug/L							
Hexachloroethane	0.97	U	10	ug/L							
Indeno(1,2,3-cd)pyrene	1.7	U	10	ug/L							
Isophorone	1.6	U	10	ug/L							
Naphthalene	1.4	U	10	ug/L							
Nitrobenzene	1.9	U	10	ug/L							
N-Nitrosodimethylamine	1.4	U	10	ug/L							
N-Nitroso-di-n-propylamine	1.8	U	10	ug/L							
N-nitrosodiphenylamine/Diphenylamine	1.1	U	10	ug/L							
Pentachlorophenol	1.0	U	10	ug/L							
Phenanthrene	0.74	U	10	ug/L							
Phenol	1.2	U	10	ug/L							
Pyrene	1.3	U	10	ug/L							
Pyridine	1.5	U	10	ug/L							
Surrogate: 2,4,6-Tribromophenol	*87*			*ug/L*	*100*		*87*	*10-179*			
Surrogate: 2-Fluorobiphenyl	*40*			*ug/L*	*50.0*		*80*	*10-149*			
Surrogate: 2-Fluorophenol	*66*			*ug/L*	*100*		*66*	*10-110*			
Surrogate: Nitrobenzene-d5	*41*			*ug/L*	*50.0*		*82*	*10-149*			
Surrogate: Phenol-d5	*55*			*ug/L*	*100*		*55*	*10-88*			
Surrogate: Terphenyl-d14	*44*			*ug/L*	*50.0*		*88*	*10-188*			

LCS (0D13007-BS1) Prepared: 04/13/2010 12:56 Analyzed: 04/15/2010 15:31

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	38		10	ug/L	50.0		75	27-90			
1,4-Dichlorobenzene	36		10	ug/L	50.0		72	23-84			
2,4-Dinitrotoluene	48		10	ug/L	50.0		97	67-132			
2-Chlorophenol	42		10	ug/L	50.0		84	40-109			
4-Chloro-3-methylphenol	48		10	ug/L	50.0		95	58-121			
4-Nitrophenol	36		10	ug/L	50.0		73	33-105			
Acenaphthene	45		10	ug/L	50.0		89	43-118			
N-Nitroso-di-n-propylamine	47		10	ug/L	50.0		94	48-126			
Pentachlorophenol	41		10	ug/L	50.0		81	51-135			
Phenol	29		10	ug/L	50.0		57	19-78			
Pyrene	48		10	ug/L	50.0		96	65-134			
Surrogate: 2,4,6-Tribromophenol	*100*			*ug/L*	*100*		*102*	*10-179*			
Surrogate: 2-Fluorobiphenyl	*43*			*ug/L*	*50.0*		*87*	*10-149*			
Surrogate: 2-Fluorophenol	*70*			*ug/L*	*100*		*70*	*10-110*			
Surrogate: Nitrobenzene-d5	*45*			*ug/L*	*50.0*		*90*	*10-149*			
Surrogate: Phenol-d5	*59*			*ug/L*	*100*		*59*	*10-88*			
Surrogate: Terphenyl-d14	*50*			*ug/L*	*50.0*		*99*	*10-188*			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 0D13007 - EPA 3510C_MS

Matrix Spike (0D13007-MS1) Prepared: 04/13/2010 12:56 Analyzed: 04/15/2010 16:22

Source: C004251-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	37		10	ug/L	50.0	1.3 U	75	27-90			
1,4-Dichlorobenzene	35		10	ug/L	50.0	1.2 U	69	23-84			
2,4-Dinitrotoluene	49		10	ug/L	50.0	1.1 U	98	67-132			
2-Chlorophenol	42		10	ug/L	50.0	1.9 U	83	40-109			
4-Chloro-3-methylphenol	48		10	ug/L	50.0	1.6 U	96	58-121			
4-Nitrophenol	34		10	ug/L	50.0	1.2 U	68	33-105			
Acenaphthene	44		10	ug/L	50.0	1.1 U	89	43-118			
N-Nitroso-di-n-propylamine	42		10	ug/L	50.0	1.8 U	84	48-126			
Pentachlorophenol	42		10	ug/L	50.0	1.0 U	85	51-135			
Phenol	27		10	ug/L	50.0	1.2 U	54	19-78			
Pyrene	46		10	ug/L	50.0	1.3 U	92	65-134			
Surrogate: 2,4,6-Tribromophenol	*100*			*ug/L*	*100*		*103*	*10-179*			
Surrogate: 2-Fluorobiphenyl	*44*			*ug/L*	*50.0*		*87*	*10-149*			
Surrogate: 2-Fluorophenol	*68*			*ug/L*	*100*		*68*	*10-110*			
Surrogate: Nitrobenzene-d5	*45*			*ug/L*	*50.0*		*90*	*10-149*			
Surrogate: Phenol-d5	*55*			*ug/L*	*100*		*55*	*10-88*			
Surrogate: Terphenyl-d14	*48*			*ug/L*	*50.0*		*95*	*10-188*			

Matrix Spike Dup (0D13007-MSD1) Prepared: 04/13/2010 12:56 Analyzed: 04/15/2010 16:48

Source: C004251-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	38		10	ug/L	50.0	1.3 U	75	27-90	1	43	
1,4-Dichlorobenzene	35		10	ug/L	50.0	1.2 U	71	23-84	2	39	
2,4-Dinitrotoluene	47		10	ug/L	50.0	1.1 U	93	67-132	5	17	
2-Chlorophenol	41		10	ug/L	50.0	1.9 U	82	40-109	2	22	
4-Chloro-3-methylphenol	47		10	ug/L	50.0	1.6 U	93	58-121	3	22	
4-Nitrophenol	37		10	ug/L	50.0	1.2 U	74	33-105	7	27	
Acenaphthene	44		10	ug/L	50.0	1.1 U	88	43-118	1	21	
N-Nitroso-di-n-propylamine	46		10	ug/L	50.0	1.8 U	91	48-126	8	23	
Pentachlorophenol	42		10	ug/L	50.0	1.0 U	84	51-135	1	11	
Phenol	28		10	ug/L	50.0	1.2 U	56	19-78	5	18	
Pyrene	44		10	ug/L	50.0	1.3 U	88	65-134	5	16	
Surrogate: 2,4,6-Tribromophenol	*99*			*ug/L*	*100*		*99*	*10-179*			
Surrogate: 2-Fluorobiphenyl	*44*			*ug/L*	*50.0*		*87*	*10-149*			
Surrogate: 2-Fluorophenol	*70*			*ug/L*	*100*		*70*	*10-110*			
Surrogate: Nitrobenzene-d5	*45*			*ug/L*	*50.0*		*89*	*10-149*			
Surrogate: Phenol-d5	*58*			*ug/L*	*100*		*58*	*10-88*			
Surrogate: Terphenyl-d14	*44*			*ug/L*	*50.0*		*88*	*10-188*			

Tentatively Identified Compounds by Semivolatile GCMS - Quality Control

Batch 0D13007 - EPA 3510C_MS

Blank (0D13007-BLK1) Prepared: 04/13/2010 12:56 Analyzed: 04/15/2010 15:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Tentatively Identified Compounds by Semivolatile GCMS - Quality Control

Batch 0D13007 - EPA 3510C_MS

Blank (0D13007-BLK1) Continued Prepared: 04/13/2010 12:56 Analyzed: 04/15/2010 15:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Tentatively Identified Compounds	**0.0**	**U**		ug/L							

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0D09016 - EPA 245.1

Blank (0D09016-BLK1) Prepared: 04/09/2010 10:09 Analyzed: 04/09/2010 16:27

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0540	U	0.200	ug/L							

LCS (0D09016-BS1) Prepared: 04/09/2010 10:09 Analyzed: 04/09/2010 16:30

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.13		0.200	ug/L	5.00		103	85-115			

Matrix Spike (0D09016-MS1) Prepared: 04/09/2010 10:09 Analyzed: 04/09/2010 16:37

Source: C003013-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.87		0.200	ug/L	5.00	0.0540 U	97	85-115			

Matrix Spike Dup (0D09016-MSD1) Prepared: 04/09/2010 10:09 Analyzed: 04/09/2010 16:45

Source: C003013-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.92		0.200	ug/L	5.00	0.0540 U	98	85-115	1	15	

Post Spike (0D09016-PS1) Prepared: 04/09/2010 10:09 Analyzed: 04/09/2010 16:48

Source: C003013-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.38		0.200	ug/L	5.00	-0.0410	88	75-125			

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 0D08008 - EPA 3005A

Blank (0D08008-BLK1) Prepared: 04/09/2010 09:31 Analyzed: 04/12/2010 10:20

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.220	U	2.00	ug/L							
Selenium	0.830	U	1.00	ug/L							
Thallium	0.110	U	1.00	ug/L							

LCS (0D08008-BS1) Prepared: 04/09/2010 09:31 Analyzed: 04/12/2010 10:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 0D08008 - EPA 3005A

LCS (0D08008-BS1) Continued Prepared: 04/09/2010 09:31 Analyzed: 04/12/2010 10:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	22.8		2.00	ug/L	25.0		91	80-120			
Selenium	23.6		1.00	ug/L	25.0		94	80-120			
Thallium	23.0		1.00	ug/L	25.0		92	80-120			

Matrix Spike (0D08008-MS1) Prepared: 04/09/2010 09:31 Analyzed: 04/12/2010 10:30

Source: C004140-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	20.8		2.00	ug/L	25.0	0.220 U	83	75-125			
Selenium	26.1		1.00	ug/L	25.0	1.54	98	75-125			
Thallium	24.1		1.00	ug/L	25.0	0.110 U	96	75-125			

Matrix Spike Dup (0D08008-MSD1) Prepared: 04/09/2010 09:31 Analyzed: 04/12/2010 10:34

Source: C004140-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	20.8		2.00	ug/L	25.0	0.220 U	83	75-125	0.09	20	
Selenium	24.5		1.00	ug/L	25.0	1.54	92	75-125	6	20	
Thallium	23.9		1.00	ug/L	25.0	0.110 U	95	75-125	0.9	20	

Post Spike (0D08008-PS1) Prepared: 04/09/2010 09:31 Analyzed: 04/12/2010 10:38

Source: C004140-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	27.3		2.00	ug/L	25.0	0.130	109	80-120			
Selenium	28.8		1.00	ug/L	25.0	1.54	109	80-120			
Thallium	26.1		1.00	ug/L	25.0	0.0790	104	80-120			

Batch 0D09015 - EPA 3005A

Blank (0D09015-BLK1) Prepared: 04/09/2010 09:59 Analyzed: 04/12/2010 10:14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.80	U	10.0	ug/L							
Beryllium	0.100	U	1.00	ug/L							
Cadmium	0.360	U	1.00	ug/L							
Chromium	1.00	U	10.0	ug/L							
Copper	1.60	U	10.0	ug/L							
Lead	1.90	U	10.0	ug/L							
Nickel	1.80	U	10.0	ug/L							
Silver	1.90	U	10.0	ug/L							
Zinc	3.80	U	10.0	ug/L							

LCS (0D09015-BS1) Prepared: 04/09/2010 09:59 Analyzed: 04/12/2010 10:16

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1040		10.0	ug/L	1000		104	80-120			

QUALITY CONTROL

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 0D09015 - EPA 3005A

LCS (0D09015-BS1) Continued Prepared: 04/09/2010 09:59 Analyzed: 04/12/2010 10:16

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Beryllium	514		1.00	ug/L	500		103	80-120			
Cadmium	518		1.00	ug/L	500		104	80-120			
Chromium	1030		10.0	ug/L	1000		103	80-120			
Copper	521		10.0	ug/L	500		104	80-120			
Lead	1040		10.0	ug/L	1000		104	80-120			
Nickel	1010		10.0	ug/L	1000		101	80-120			
Silver	100		10.0	ug/L	100		100	80-120			
Zinc	1030		10.0	ug/L	1000		103	80-120			

Matrix Spike (0D09015-MS1) Prepared: 04/09/2010 09:59 Analyzed: 04/12/2010 10:23

Source: C003011-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1090		10.0	ug/L	1000	2.80 U	109	75-125			
Beryllium	538		1.00	ug/L	500	0.100 U	108	75-125			
Cadmium	527		1.00	ug/L	500	0.360 U	105	75-125			
Chromium	1050		10.0	ug/L	1000	1.00 U	105	75-125			
Copper	534		10.0	ug/L	500	2.22	106	75-125			
Lead	1080		10.0	ug/L	1000	1.90 U	108	75-125			
Nickel	1030		10.0	ug/L	1000	1.80 U	103	75-125			
Silver	102		10.0	ug/L	100	1.90 U	102	75-125			
Zinc	1050		10.0	ug/L	1000	3.80 U	105	75-125			

Matrix Spike Dup (0D09015-MSD1) Prepared: 04/09/2010 09:59 Analyzed: 04/12/2010 10:26

Source: C003011-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1080		10.0	ug/L	1000	2.80 U	108	75-125	0.7	20	
Beryllium	546		1.00	ug/L	500	0.100 U	109	75-125	2	20	
Cadmium	535		1.00	ug/L	500	0.360 U	107	75-125	2	20	
Chromium	1060		10.0	ug/L	1000	1.00 U	106	75-125	2	20	
Copper	542		10.0	ug/L	500	2.22	108	75-125	1	20	
Lead	1080		10.0	ug/L	1000	1.90 U	108	75-125	0.4	20	
Nickel	1050		10.0	ug/L	1000	1.80 U	105	75-125	2	20	
Silver	103		10.0	ug/L	100	1.90 U	103	75-125	1	20	
Zinc	1070		10.0	ug/L	1000	3.80 U	107	75-125	2	20	

Post Spike (0D09015-PS1) Prepared: 04/09/2010 09:59 Analyzed: 04/12/2010 10:35

Source: C003011-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1.15		0.0100	mg/L	1.00	0.00261	115	80-120			
Beryllium	0.577		0.00100	mg/L	0.500	6.42E-6	115	80-120			
Cadmium	0.568		0.00100	mg/L	0.500	-1.16E-5	114	80-120			
Chromium	1.13		0.0100	mg/L	1.00	0.000207	113	80-120			
Copper	0.576		0.0100	mg/L	0.500	0.00222	115	80-120			
Lead	1.15		0.0100	mg/L	1.00	0.000234	115	80-120			

QUALITY CONTROL

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 0D09015 - EPA 3005A

Post Spike (0D09015-PS1) Continued Prepared: 04/09/2010 09:59 Analyzed: 04/12/2010 10:35

Source: C003011-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nickel	1.11		0.0100	mg/L	1.00	0.000511	111	80-120			
Silver	0.105		0.0100	mg/L	0.100	0.000448	105	80-120			
Zinc	1.14		0.0100	mg/L	1.00	0.00377	113	80-120			

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Client Name: ECS - Wilmington (EA026)	Project Number: [none] 13842D
Address: 7211 Ogden Business Park Suite 201	Project Name/Desc: Wrightsville Ave ~~Airway Storage New Bern~~
City/ST/Zip: Wilmington, NC 28411	PO # / Billing Info:
Tel: (910) 686-9114 Fax:	Reporting Contact: Amy Conchas
Sampler(s) Name, Affiliation (Print): DAN POST, ECS	Billing Contact: Amy Conchas
Sampler(s) Signature:	Facility # (if required):

Requested Analyses: ~~8260B~~; 8270C + tics; 8270C Solids, Dry Weight; ~~DRO 8015B Solids, Dry Weight~~; ~~GRO 8015B~~; 6010 13PP metals

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due __/__/__

Lab Workorder: ~~C813139~~

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B	8270C + tics	8270C Solids, Dry Weight	DRO 8015B Solids, Dry Weight	GRO 8015B	6010 13PP metals					Sample Comments
	~~Trip Blank~~				~~WA~~	~~2~~	~~X~~										C004158
	MW-1	04-07-10	2:15p	GRAB	WA	2		X				X					
	MW-2	04-07-10	2:30p	GRAB	WA	2		X				X					
	Dup	04-07-10	3:00p	GRAB	WA	2		X				X					
	TRIP BLANK				WA	1											No trip blank received. BJG 4/8/10
						7	<-- Total # of Containers										

Sample Kit Prepared By: 4UH/JR	Date/Time: 12/1/08	Relinquished By:	Date/Time: 04-07-10 3:45p	Received By: Briana Gregory	Date/Time: 4/8/10 10:00
Comments:		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Cooler #'s & Temps on Receipt: 2.1°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

www.encolabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

December 03, 2010

Amy Conchas
ECS
4211 Odgen Business Park
Suite 101
Wilmington, NC 28411

RE: Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Dear Amy Conchas:
Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Ashley Nifong

ashley.nifong@pacelabs.com
Project Manager

Enclosures

cc: Ms. Amy Conchas, ECS

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/LELAP Certification #: 04034
New Jersey Certification #: NC012
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
Pennsylvania Certification #: 68-00784
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357

Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804
Connecticut Certification #: PH-0106
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
New Jersey Certification #: NC011
North Carolina Bioassay Certification #: 9
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
Pennsylvania Certification #: 68-03578
South Carolina Bioassay Certification #: 99030002
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9282618001	**MW-1**	EPA 6010	SHB	12	PASI-A
		EPA 7470	JMW	1	PASI-A
9282618002	**MW-2**	EPA 6010	SHB	12	PASI-A
		EPA 7470	JMW	1	PASI-A
9282618003	**DUP**	EPA 6010	SHB	12	PASI-A
		EPA 7470	JMW	1	PASI-A
9282618004	**S23-3-4**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618005	**S23-5-6**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618006	**S24-3-4**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618007	**S24-5-6**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618008	**S25-3-4**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618009	**S25-5-6**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618010	**S26-2-3**	EPA 6010	SHB	12	PASI-A

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618011	**S26-5-6**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618012	**S27-3-4**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618013	**S27-6-7**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618014	**S28-1-2**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618015	**S28-5-6**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618016	**S29-3-4**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618017	**S29-5-6**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618018	**S30-2-3**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618019	**S30-5-6**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618020	**S31-3-4**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618021	**S31-6-7**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618022	**S32-3-4**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618023	**S32-6-7**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
9282618024	**DUP**	EPA 6010	SHB	12	PASI-A
		EPA 7471	JMW	1	PASI-A
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: MW-1 **Lab ID: 9282618001** Collected: 11/19/10 15:50 Received: 11/20/10 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:27	7440-36-0	
Arsenic	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:27	7440-38-2	
Beryllium	ND	ug/L	1.0	1	11/29/10 09:45	12/01/10 03:27	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/29/10 09:45	12/01/10 03:27	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:27	7440-47-3	
Copper	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:27	7440-50-8	
Lead	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:27	7439-92-1	
Nickel	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:27	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/29/10 09:45	12/01/10 03:27	7782-49-2	
Silver	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:27	7440-22-4	
Thallium	ND	ug/L	10.0	1	11/29/10 09:45	12/01/10 03:27	7440-28-0	
Zinc	**19.6**	ug/L	10.0	1	11/29/10 09:45	12/01/10 03:27	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	12/01/10 16:50	12/02/10 12:00	7439-97-6	

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Asheville, NC 28804
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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: MW-2 **Lab ID: 9282618002** Collected: 11/19/10 16:50 Received: 11/20/10 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:30	7440-36-0	
Arsenic	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:30	7440-38-2	
Beryllium	ND	ug/L	1.0	1	11/29/10 09:45	12/01/10 03:30	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/29/10 09:45	12/01/10 03:30	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:30	7440-47-3	
Copper	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:30	7440-50-8	
Lead	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:30	7439-92-1	
Nickel	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:30	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/29/10 09:45	12/01/10 03:30	7782-49-2	
Silver	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:30	7440-22-4	
Thallium	ND	ug/L	10.0	1	11/29/10 09:45	12/01/10 03:30	7440-28-0	
Zinc	ND	ug/L	10.0	1	11/29/10 09:45	12/01/10 03:30	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	12/01/10 16:50	12/02/10 13:46	7439-97-6	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: DUP **Lab ID: 9282618003** Collected: 11/19/10 00:00 Received: 11/20/10 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:33	7440-36-0	
Arsenic	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:33	7440-38-2	
Beryllium	ND	ug/L	1.0	1	11/29/10 09:45	12/01/10 03:33	7440-41-7	
Cadmium	ND	ug/L	1.0	1	11/29/10 09:45	12/01/10 03:33	7440-43-9	
Chromium	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:33	7440-47-3	
Copper	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:33	7440-50-8	
Lead	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:33	7439-92-1	
Nickel	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:33	7440-02-0	
Selenium	ND	ug/L	10.0	1	11/29/10 09:45	12/01/10 03:33	7782-49-2	
Silver	ND	ug/L	5.0	1	11/29/10 09:45	12/01/10 03:33	7440-22-4	
Thallium	ND	ug/L	10.0	1	11/29/10 09:45	12/01/10 03:33	7440-28-0	
Zinc	**19.3**	ug/L	10.0	1	11/29/10 09:45	12/01/10 03:33	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	12/01/10 16:50	12/02/10 13:49	7439-97-6	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S23-3-4 **Lab ID: 9282618004** Collected: 11/19/10 10:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.35	1	11/29/10 13:20	11/30/10 15:41	7440-36-0	
Arsenic	**1.7**	mg/kg	0.35	1	11/29/10 13:20	11/30/10 15:41	7440-38-2	
Beryllium	ND	mg/kg	0.070	1	11/29/10 13:20	11/30/10 15:41	7440-41-7	
Cadmium	ND	mg/kg	0.070	1	11/29/10 13:20	11/30/10 15:41	7440-43-9	
Chromium	**4.9**	mg/kg	0.35	1	11/29/10 13:20	11/30/10 15:41	7440-47-3	
Copper	**1.0**	mg/kg	0.35	1	11/29/10 13:20	11/30/10 15:41	7440-50-8	
Lead	**3.7**	mg/kg	0.35	1	11/29/10 13:20	11/30/10 15:41	7439-92-1	
Nickel	**1.1**	mg/kg	0.35	1	11/29/10 13:20	11/30/10 15:41	7440-02-0	
Selenium	ND	mg/kg	0.70	1	11/29/10 13:20	11/30/10 15:41	7782-49-2	
Silver	ND	mg/kg	0.35	1	11/29/10 13:20	11/30/10 15:41	7440-22-4	
Thallium	ND	mg/kg	0.70	1	11/29/10 13:20	11/30/10 15:41	7440-28-0	
Zinc	**1.5**	mg/kg	0.70	1	11/29/10 13:20	11/30/10 15:41	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.031**	mg/kg	0.0050	1	12/02/10 15:00	12/03/10 12:23	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	83-32-9	
Acenaphthylene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	208-96-8	
Aniline	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	62-53-3	
Anthracene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	120-12-7	
Benzo(a)anthracene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	56-55-3	
Benzo(a)pyrene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	207-08-9	
Benzoic Acid	ND	ug/kg	1860	1	11/23/10 08:30	11/29/10 20:18	65-85-0	
Benzyl alcohol	ND	ug/kg	746	1	11/23/10 08:30	11/29/10 20:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	101-55-3	
Butylbenzylphthalate	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	746	1	11/23/10 08:30	11/29/10 20:18	59-50-7	
4-Chloroaniline	ND	ug/kg	1860	1	11/23/10 08:30	11/29/10 20:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	108-60-1	
2-Chloronaphthalene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	91-58-7	
2-Chlorophenol	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	7005-72-3	
Chrysene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	53-70-3	
Dibenzofuran	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1860	1	11/23/10 08:30	11/29/10 20:18	91-94-1	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S23-3-4 **Lab ID: 9282618004** Collected: 11/19/10 10:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	120-83-2	
Diethylphthalate	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	105-67-9	
Dimethylphthalate	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	131-11-3	
Di-n-butylphthalate	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	746	1	11/23/10 08:30	11/29/10 20:18	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1860	1	11/23/10 08:30	11/29/10 20:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	606-20-2	
Di-n-octylphthalate	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	117-81-7	
Fluoranthene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	206-44-0	
Fluorene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	87-68-3	
Hexachlorobenzene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	77-47-4	
Hexachloroethane	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	193-39-5	
Isophorone	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	78-59-1	
1-Methylnaphthalene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	90-12-0	
2-Methylnaphthalene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18		
Naphthalene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	91-20-3	
2-Nitroaniline	ND	ug/kg	1860	1	11/23/10 08:30	11/29/10 20:18	88-74-4	
3-Nitroaniline	ND	ug/kg	1860	1	11/23/10 08:30	11/29/10 20:18	99-09-2	
4-Nitroaniline	ND	ug/kg	746	1	11/23/10 08:30	11/29/10 20:18	100-01-6	
Nitrobenzene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	98-95-3	
2-Nitrophenol	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	88-75-5	
4-Nitrophenol	ND	ug/kg	1860	1	11/23/10 08:30	11/29/10 20:18	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	86-30-6	
Pentachlorophenol	ND	ug/kg	1860	1	11/23/10 08:30	11/29/10 20:18	87-86-5	
Phenanthrene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	85-01-8	
Phenol	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	108-95-2	
Pyrene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	373	1	11/23/10 08:30	11/29/10 20:18	88-06-2	
Nitrobenzene-d5 (S)	34	%	23-110	1	11/23/10 08:30	11/29/10 20:18	4165-60-0	
2-Fluorobiphenyl (S)	43	%	30-110	1	11/23/10 08:30	11/29/10 20:18	321-60-8	
Terphenyl-d14 (S)	51	%	28-110	1	11/23/10 08:30	11/29/10 20:18	1718-51-0	
Phenol-d6 (S)	37	%	22-110	1	11/23/10 08:30	11/29/10 20:18	13127-88-3	
2-Fluorophenol (S)	35	%	13-110	1	11/23/10 08:30	11/29/10 20:18	367-12-4	
2,4,6-Tribromophenol (S)	45	%	27-110	1	11/23/10 08:30	11/29/10 20:18	118-79-6	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S23-3-4 **Lab ID: 9282618004** Collected: 11/19/10 10:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	68.7	1		12/03/10 15:10	67-64-1	
Benzene	ND	ug/kg	3.4	1		12/03/10 15:10	71-43-2	
Bromobenzene	ND	ug/kg	3.4	1		12/03/10 15:10	108-86-1	
Bromochloromethane	ND	ug/kg	3.4	1		12/03/10 15:10	74-97-5	
Bromodichloromethane	ND	ug/kg	3.4	1		12/03/10 15:10	75-27-4	
Bromoform	ND	ug/kg	3.4	1		12/03/10 15:10	75-25-2	
Bromomethane	ND	ug/kg	6.9	1		12/03/10 15:10	74-83-9	
2-Butanone (MEK)	ND	ug/kg	68.7	1		12/03/10 15:10	78-93-3	
n-Butylbenzene	ND	ug/kg	3.4	1		12/03/10 15:10	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.4	1		12/03/10 15:10	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.4	1		12/03/10 15:10	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.4	1		12/03/10 15:10	56-23-5	
Chlorobenzene	ND	ug/kg	3.4	1		12/03/10 15:10	108-90-7	
Chloroethane	ND	ug/kg	6.9	1		12/03/10 15:10	75-00-3	
Chloroform	ND	ug/kg	3.4	1		12/03/10 15:10	67-66-3	
Chloromethane	ND	ug/kg	6.9	1		12/03/10 15:10	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.4	1		12/03/10 15:10	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.4	1		12/03/10 15:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.4	1		12/03/10 15:10	96-12-8	
Dibromochloromethane	ND	ug/kg	3.4	1		12/03/10 15:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.4	1		12/03/10 15:10	106-93-4	
Dibromomethane	ND	ug/kg	3.4	1		12/03/10 15:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.4	1		12/03/10 15:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.4	1		12/03/10 15:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.4	1		12/03/10 15:10	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.9	1		12/03/10 15:10	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.4	1		12/03/10 15:10	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.4	1		12/03/10 15:10	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.4	1		12/03/10 15:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.4	1		12/03/10 15:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.4	1		12/03/10 15:10	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.4	1		12/03/10 15:10	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.4	1		12/03/10 15:10	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.4	1		12/03/10 15:10	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.4	1		12/03/10 15:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.4	1		12/03/10 15:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.4	1		12/03/10 15:10	10061-02-6	
Diisopropyl ether	ND	ug/kg	3.4	1		12/03/10 15:10	108-20-3	
Ethylbenzene	ND	ug/kg	3.4	1		12/03/10 15:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.4	1		12/03/10 15:10	87-68-3	
2-Hexanone	ND	ug/kg	34.3	1		12/03/10 15:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.4	1		12/03/10 15:10	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.4	1		12/03/10 15:10	99-87-6	
Methylene Chloride	ND	ug/kg	13.7	1		12/03/10 15:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	34.3	1		12/03/10 15:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.4	1		12/03/10 15:10	1634-04-4	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S23-3-4 **Lab ID: 9282618004** Collected: 11/19/10 10:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	3.4	1		12/03/10 15:10	91-20-3	
n-Propylbenzene	ND	ug/kg	3.4	1		12/03/10 15:10	103-65-1	
Styrene	ND	ug/kg	3.4	1		12/03/10 15:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.4	1		12/03/10 15:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.4	1		12/03/10 15:10	79-34-5	
Tetrachloroethene	ND	ug/kg	3.4	1		12/03/10 15:10	127-18-4	
Toluene	ND	ug/kg	3.4	1		12/03/10 15:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.4	1		12/03/10 15:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.4	1		12/03/10 15:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.4	1		12/03/10 15:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.4	1		12/03/10 15:10	79-00-5	
Trichloroethene	ND	ug/kg	3.4	1		12/03/10 15:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.4	1		12/03/10 15:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.4	1		12/03/10 15:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.4	1		12/03/10 15:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.4	1		12/03/10 15:10	108-67-8	
Vinyl acetate	ND	ug/kg	34.3	1		12/03/10 15:10	108-05-4	
Vinyl chloride	ND	ug/kg	6.9	1		12/03/10 15:10	75-01-4	
Xylene (Total)	ND	ug/kg	6.9	1		12/03/10 15:10	1330-20-7	
m&p-Xylene	ND	ug/kg	6.9	1		12/03/10 15:10	179601-23-1	
o-Xylene	ND	ug/kg	3.4	1		12/03/10 15:10	95-47-6	
Dibromofluoromethane (S)	105	%	70-130	1		12/03/10 15:10	1868-53-7	
Toluene-d8 (S)	101	%	70-130	1		12/03/10 15:10	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130	1		12/03/10 15:10	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-132	1		12/03/10 15:10	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.1**	%	0.10	1		11/23/10 15:23		

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S23-5-6 **Lab ID: 9282618005** Collected: 11/19/10 10:20 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.46	1	11/29/10 13:20	11/30/10 15:49	7440-36-0	
Arsenic	**0.53**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 15:49	7440-38-2	
Beryllium	ND	mg/kg	0.091	1	11/29/10 13:20	11/30/10 15:49	7440-41-7	
Cadmium	ND	mg/kg	0.091	1	11/29/10 13:20	11/30/10 15:49	7440-43-9	
Chromium	**5.4**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 15:49	7440-47-3	
Copper	ND	mg/kg	0.46	1	11/29/10 13:20	11/30/10 15:49	7440-50-8	
Lead	**2.7**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 15:49	7439-92-1	
Nickel	**0.98**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 15:49	7440-02-0	
Selenium	ND	mg/kg	0.91	1	11/29/10 13:20	11/30/10 15:49	7782-49-2	
Silver	ND	mg/kg	0.46	1	11/29/10 13:20	11/30/10 15:49	7440-22-4	
Thallium	ND	mg/kg	0.91	1	11/29/10 13:20	11/30/10 15:49	7440-28-0	
Zinc	ND	mg/kg	0.91	1	11/29/10 13:20	11/30/10 15:49	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.033**	mg/kg	0.0060	1	12/02/10 15:00	12/03/10 12:28	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	83-32-9	
Acenaphthylene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	208-96-8	
Aniline	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	62-53-3	
Anthracene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	120-12-7	
Benzo(a)anthracene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	56-55-3	
Benzo(a)pyrene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	207-08-9	
Benzoic Acid	ND	ug/kg	2230	1	11/23/10 08:30	11/29/10 20:45	65-85-0	
Benzyl alcohol	ND	ug/kg	893	1	11/23/10 08:30	11/29/10 20:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	101-55-3	
Butylbenzylphthalate	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	893	1	11/23/10 08:30	11/29/10 20:45	59-50-7	
4-Chloroaniline	ND	ug/kg	2230	1	11/23/10 08:30	11/29/10 20:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	108-60-1	
2-Chloronaphthalene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	91-58-7	
2-Chlorophenol	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	7005-72-3	
Chrysene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	53-70-3	
Dibenzofuran	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2230	1	11/23/10 08:30	11/29/10 20:45	91-94-1	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S23-5-6 **Lab ID: 9282618005** Collected: 11/19/10 10:20 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	120-83-2	
Diethylphthalate	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	105-67-9	
Dimethylphthalate	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	131-11-3	
Di-n-butylphthalate	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	893	1	11/23/10 08:30	11/29/10 20:45	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2230	1	11/23/10 08:30	11/29/10 20:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	606-20-2	
Di-n-octylphthalate	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	117-81-7	
Fluoranthene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	206-44-0	
Fluorene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	87-68-3	
Hexachlorobenzene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	77-47-4	
Hexachloroethane	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	193-39-5	
Isophorone	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	78-59-1	
1-Methylnaphthalene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	90-12-0	
2-Methylnaphthalene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45		
Naphthalene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	91-20-3	
2-Nitroaniline	ND	ug/kg	2230	1	11/23/10 08:30	11/29/10 20:45	88-74-4	
3-Nitroaniline	ND	ug/kg	2230	1	11/23/10 08:30	11/29/10 20:45	99-09-2	
4-Nitroaniline	ND	ug/kg	893	1	11/23/10 08:30	11/29/10 20:45	100-01-6	
Nitrobenzene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	98-95-3	
2-Nitrophenol	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	88-75-5	
4-Nitrophenol	ND	ug/kg	2230	1	11/23/10 08:30	11/29/10 20:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	86-30-6	
Pentachlorophenol	ND	ug/kg	2230	1	11/23/10 08:30	11/29/10 20:45	87-86-5	
Phenanthrene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	85-01-8	
Phenol	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	108-95-2	
Pyrene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	447	1	11/23/10 08:30	11/29/10 20:45	88-06-2	
Nitrobenzene-d5 (S)	34	%	23-110	1	11/23/10 08:30	11/29/10 20:45	4165-60-0	
2-Fluorobiphenyl (S)	36	%	30-110	1	11/23/10 08:30	11/29/10 20:45	321-60-8	
Terphenyl-d14 (S)	49	%	28-110	1	11/23/10 08:30	11/29/10 20:45	1718-51-0	
Phenol-d6 (S)	34	%	22-110	1	11/23/10 08:30	11/29/10 20:45	13127-88-3	
2-Fluorophenol (S)	36	%	13-110	1	11/23/10 08:30	11/29/10 20:45	367-12-4	
2,4,6-Tribromophenol (S)	42	%	27-110	1	11/23/10 08:30	11/29/10 20:45	118-79-6	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S23-5-6 **Lab ID: 9282618005** Collected: 11/19/10 10:20 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	111	1		12/02/10 17:26	67-64-1	
Benzene	ND	ug/kg	5.5	1		12/02/10 17:26	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		12/02/10 17:26	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		12/02/10 17:26	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		12/02/10 17:26	75-27-4	
Bromoform	ND	ug/kg	5.5	1		12/02/10 17:26	75-25-2	
Bromomethane	ND	ug/kg	11.1	1		12/02/10 17:26	74-83-9	
2-Butanone (MEK)	ND	ug/kg	111	1		12/02/10 17:26	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		12/02/10 17:26	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		12/02/10 17:26	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		12/02/10 17:26	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.5	1		12/02/10 17:26	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		12/02/10 17:26	108-90-7	
Chloroethane	ND	ug/kg	11.1	1		12/02/10 17:26	75-00-3	
Chloroform	ND	ug/kg	5.5	1		12/02/10 17:26	67-66-3	
Chloromethane	ND	ug/kg	11.1	1		12/02/10 17:26	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		12/02/10 17:26	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		12/02/10 17:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	1		12/02/10 17:26	96-12-8	
Dibromochloromethane	ND	ug/kg	5.5	1		12/02/10 17:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		12/02/10 17:26	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		12/02/10 17:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		12/02/10 17:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		12/02/10 17:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		12/02/10 17:26	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.1	1		12/02/10 17:26	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		12/02/10 17:26	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		12/02/10 17:26	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		12/02/10 17:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		12/02/10 17:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		12/02/10 17:26	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		12/02/10 17:26	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		12/02/10 17:26	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		12/02/10 17:26	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		12/02/10 17:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		12/02/10 17:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		12/02/10 17:26	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.5	1		12/02/10 17:26	108-20-3	
Ethylbenzene	ND	ug/kg	5.5	1		12/02/10 17:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		12/02/10 17:26	87-68-3	
2-Hexanone	ND	ug/kg	55.5	1		12/02/10 17:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		12/02/10 17:26	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		12/02/10 17:26	99-87-6	
Methylene Chloride	ND	ug/kg	22.2	1		12/02/10 17:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	55.5	1		12/02/10 17:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		12/02/10 17:26	1634-04-4	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S23-5-6 **Lab ID: 9282618005** Collected: 11/19/10 10:20 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	5.5	1		12/02/10 17:26	91-20-3	
n-Propylbenzene	ND	ug/kg	5.5	1		12/02/10 17:26	103-65-1	
Styrene	ND	ug/kg	5.5	1		12/02/10 17:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		12/02/10 17:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		12/02/10 17:26	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		12/02/10 17:26	127-18-4	
Toluene	ND	ug/kg	5.5	1		12/02/10 17:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		12/02/10 17:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		12/02/10 17:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		12/02/10 17:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		12/02/10 17:26	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		12/02/10 17:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.5	1		12/02/10 17:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		12/02/10 17:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		12/02/10 17:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		12/02/10 17:26	108-67-8	
Vinyl acetate	ND	ug/kg	55.5	1		12/02/10 17:26	108-05-4	
Vinyl chloride	ND	ug/kg	11.1	1		12/02/10 17:26	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	1		12/02/10 17:26	1330-20-7	
m&p-Xylene	ND	ug/kg	11.1	1		12/02/10 17:26	179601-23-1	
o-Xylene	ND	ug/kg	5.5	1		12/02/10 17:26	95-47-6	
Dibromofluoromethane (S)	102	%	70-130	1		12/02/10 17:26	1868-53-7	
Toluene-d8 (S)	102	%	70-130	1		12/02/10 17:26	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		12/02/10 17:26	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-132	1		12/02/10 17:26	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**24.9**	%	0.10	1		11/23/10 15:23		

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S24-3-4 **Lab ID: 9282618006** Collected: 11/19/10 10:35 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.43	1	11/29/10 13:20	11/30/10 15:53	7440-36-0	
Arsenic	**0.80**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 15:53	7440-38-2	
Beryllium	ND	mg/kg	0.086	1	11/29/10 13:20	11/30/10 15:53	7440-41-7	
Cadmium	ND	mg/kg	0.086	1	11/29/10 13:20	11/30/10 15:53	7440-43-9	
Chromium	**1.9**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 15:53	7440-47-3	
Copper	**1.3**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 15:53	7440-50-8	
Lead	**1.9**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 15:53	7439-92-1	
Nickel	**0.73**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 15:53	7440-02-0	
Selenium	ND	mg/kg	0.86	1	11/29/10 13:20	11/30/10 15:53	7782-49-2	
Silver	ND	mg/kg	0.43	1	11/29/10 13:20	11/30/10 15:53	7440-22-4	
Thallium	ND	mg/kg	0.86	1	11/29/10 13:20	11/30/10 15:53	7440-28-0	
Zinc	**2.3**	mg/kg	0.86	1	11/29/10 13:20	11/30/10 15:53	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.063**	mg/kg	0.0051	1	12/02/10 15:00	12/03/10 12:34	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	83-32-9	
Acenaphthylene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	208-96-8	
Aniline	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	62-53-3	
Anthracene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	120-12-7	
Benzo(a)anthracene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	56-55-3	
Benzo(a)pyrene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	207-08-9	
Benzoic Acid	ND	ug/kg	1920	1	11/23/10 08:30	11/29/10 21:11	65-85-0	
Benzyl alcohol	ND	ug/kg	769	1	11/23/10 08:30	11/29/10 21:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	769	1	11/23/10 08:30	11/29/10 21:11	59-50-7	
4-Chloroaniline	ND	ug/kg	1920	1	11/23/10 08:30	11/29/10 21:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	108-60-1	
2-Chloronaphthalene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	91-58-7	
2-Chlorophenol	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	7005-72-3	
Chrysene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	53-70-3	
Dibenzofuran	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1920	1	11/23/10 08:30	11/29/10 21:11	91-94-1	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S24-3-4 **Lab ID: 9282618006** Collected: 11/19/10 10:35 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	120-83-2	
Diethylphthalate	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	105-67-9	
Dimethylphthalate	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	769	1	11/23/10 08:30	11/29/10 21:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1920	1	11/23/10 08:30	11/29/10 21:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	117-81-7	
Fluoranthene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	206-44-0	
Fluorene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	87-68-3	
Hexachlorobenzene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	77-47-4	
Hexachloroethane	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	193-39-5	
Isophorone	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	78-59-1	
1-Methylnaphthalene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	90-12-0	
2-Methylnaphthalene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11		
Naphthalene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	91-20-3	
2-Nitroaniline	ND	ug/kg	1920	1	11/23/10 08:30	11/29/10 21:11	88-74-4	
3-Nitroaniline	ND	ug/kg	1920	1	11/23/10 08:30	11/29/10 21:11	99-09-2	
4-Nitroaniline	ND	ug/kg	769	1	11/23/10 08:30	11/29/10 21:11	100-01-6	
Nitrobenzene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	98-95-3	
2-Nitrophenol	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	88-75-5	
4-Nitrophenol	ND	ug/kg	1920	1	11/23/10 08:30	11/29/10 21:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	86-30-6	
Pentachlorophenol	ND	ug/kg	1920	1	11/23/10 08:30	11/29/10 21:11	87-86-5	
Phenanthrene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	85-01-8	
Phenol	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	108-95-2	
Pyrene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	384	1	11/23/10 08:30	11/29/10 21:11	88-06-2	
Nitrobenzene-d5 (S)	23	%	23-110	1	11/23/10 08:30	11/29/10 21:11	4165-60-0	
2-Fluorobiphenyl (S)	27	%	30-110	1	11/23/10 08:30	11/29/10 21:11	321-60-8	S0
Terphenyl-d14 (S)	46	%	28-110	1	11/23/10 08:30	11/29/10 21:11	1718-51-0	
Phenol-d6 (S)	25	%	22-110	1	11/23/10 08:30	11/29/10 21:11	13127-88-3	
2-Fluorophenol (S)	22	%	13-110	1	11/23/10 08:30	11/29/10 21:11	367-12-4	
2,4,6-Tribromophenol (S)	47	%	27-110	1	11/23/10 08:30	11/29/10 21:11	118-79-6	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S24-3-4 **Lab ID: 9282618006** Collected: 11/19/10 10:35 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	97.3	1		12/02/10 17:44	67-64-1	
Benzene	ND	ug/kg	4.9	1		12/02/10 17:44	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		12/02/10 17:44	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		12/02/10 17:44	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		12/02/10 17:44	75-27-4	
Bromoform	ND	ug/kg	4.9	1		12/02/10 17:44	75-25-2	
Bromomethane	ND	ug/kg	9.7	1		12/02/10 17:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	97.3	1		12/02/10 17:44	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		12/02/10 17:44	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		12/02/10 17:44	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		12/02/10 17:44	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.9	1		12/02/10 17:44	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		12/02/10 17:44	108-90-7	
Chloroethane	ND	ug/kg	9.7	1		12/02/10 17:44	75-00-3	
Chloroform	ND	ug/kg	4.9	1		12/02/10 17:44	67-66-3	
Chloromethane	ND	ug/kg	9.7	1		12/02/10 17:44	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		12/02/10 17:44	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		12/02/10 17:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	1		12/02/10 17:44	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1		12/02/10 17:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		12/02/10 17:44	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		12/02/10 17:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		12/02/10 17:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		12/02/10 17:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		12/02/10 17:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.7	1		12/02/10 17:44	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		12/02/10 17:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		12/02/10 17:44	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		12/02/10 17:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		12/02/10 17:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		12/02/10 17:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		12/02/10 17:44	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		12/02/10 17:44	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		12/02/10 17:44	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		12/02/10 17:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		12/02/10 17:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		12/02/10 17:44	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.9	1		12/02/10 17:44	108-20-3	
Ethylbenzene	ND	ug/kg	4.9	1		12/02/10 17:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		12/02/10 17:44	87-68-3	
2-Hexanone	ND	ug/kg	48.6	1		12/02/10 17:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		12/02/10 17:44	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		12/02/10 17:44	99-87-6	
Methylene Chloride	ND	ug/kg	19.5	1		12/02/10 17:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.6	1		12/02/10 17:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		12/02/10 17:44	1634-04-4	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S24-3-4 **Lab ID: 9282618006** Collected: 11/19/10 10:35 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.9	1		12/02/10 17:44	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		12/02/10 17:44	103-65-1	
Styrene	ND	ug/kg	4.9	1		12/02/10 17:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		12/02/10 17:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		12/02/10 17:44	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		12/02/10 17:44	127-18-4	
Toluene	ND	ug/kg	4.9	1		12/02/10 17:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		12/02/10 17:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		12/02/10 17:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		12/02/10 17:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		12/02/10 17:44	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		12/02/10 17:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		12/02/10 17:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		12/02/10 17:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		12/02/10 17:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		12/02/10 17:44	108-67-8	
Vinyl acetate	ND	ug/kg	48.6	1		12/02/10 17:44	108-05-4	
Vinyl chloride	ND	ug/kg	9.7	1		12/02/10 17:44	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	1		12/02/10 17:44	1330-20-7	
m&p-Xylene	ND	ug/kg	9.7	1		12/02/10 17:44	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1		12/02/10 17:44	95-47-6	
Dibromofluoromethane (S)	104	%	70-130	1		12/02/10 17:44	1868-53-7	
Toluene-d8 (S)	104	%	70-130	1		12/02/10 17:44	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		12/02/10 17:44	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-132	1		12/02/10 17:44	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.2**	%	0.10	1		11/23/10 15:23		

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S24-5-6 **Lab ID: 9282618007** Collected: 11/19/10 10:40 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.41	1	11/29/10 13:20	11/30/10 15:56	7440-36-0	
Arsenic	**0.69**	mg/kg	0.41	1	11/29/10 13:20	11/30/10 15:56	7440-38-2	
Beryllium	ND	mg/kg	0.083	1	11/29/10 13:20	11/30/10 15:56	7440-41-7	
Cadmium	ND	mg/kg	0.083	1	11/29/10 13:20	11/30/10 15:56	7440-43-9	
Chromium	**5.3**	mg/kg	0.41	1	11/29/10 13:20	11/30/10 15:56	7440-47-3	
Copper	**1.2**	mg/kg	0.41	1	11/29/10 13:20	11/30/10 15:56	7440-50-8	
Lead	**3.3**	mg/kg	0.41	1	11/29/10 13:20	11/30/10 15:56	7439-92-1	
Nickel	**1.0**	mg/kg	0.41	1	11/29/10 13:20	11/30/10 15:56	7440-02-0	
Selenium	ND	mg/kg	0.83	1	11/29/10 13:20	11/30/10 15:56	7782-49-2	
Silver	ND	mg/kg	0.41	1	11/29/10 13:20	11/30/10 15:56	7440-22-4	
Thallium	ND	mg/kg	0.83	1	11/29/10 13:20	11/30/10 15:56	7440-28-0	
Zinc	**2.2**	mg/kg	0.83	1	11/29/10 13:20	11/30/10 15:56	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.025**	mg/kg	0.0054	1	12/02/10 15:00	12/03/10 12:39	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	83-32-9	
Acenaphthylene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	208-96-8	
Aniline	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	62-53-3	
Anthracene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	120-12-7	
Benzo(a)anthracene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	56-55-3	
Benzo(a)pyrene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	207-08-9	
Benzoic Acid	ND	ug/kg	1910	1	11/23/10 08:30	11/29/10 21:38	65-85-0	
Benzyl alcohol	ND	ug/kg	764	1	11/23/10 08:30	11/29/10 21:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	764	1	11/23/10 08:30	11/29/10 21:38	59-50-7	
4-Chloroaniline	ND	ug/kg	1910	1	11/23/10 08:30	11/29/10 21:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	108-60-1	
2-Chloronaphthalene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	91-58-7	
2-Chlorophenol	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	7005-72-3	
Chrysene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	53-70-3	
Dibenzofuran	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1910	1	11/23/10 08:30	11/29/10 21:38	91-94-1	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S24-5-6 **Lab ID: 9282618007** Collected: 11/19/10 10:40 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	120-83-2	
Diethylphthalate	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	105-67-9	
Dimethylphthalate	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	764	1	11/23/10 08:30	11/29/10 21:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1910	1	11/23/10 08:30	11/29/10 21:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	117-81-7	
Fluoranthene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	206-44-0	
Fluorene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	87-68-3	
Hexachlorobenzene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	77-47-4	
Hexachloroethane	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	193-39-5	
Isophorone	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	78-59-1	
1-Methylnaphthalene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	90-12-0	
2-Methylnaphthalene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38		
Naphthalene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	91-20-3	
2-Nitroaniline	ND	ug/kg	1910	1	11/23/10 08:30	11/29/10 21:38	88-74-4	
3-Nitroaniline	ND	ug/kg	1910	1	11/23/10 08:30	11/29/10 21:38	99-09-2	
4-Nitroaniline	ND	ug/kg	764	1	11/23/10 08:30	11/29/10 21:38	100-01-6	
Nitrobenzene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	98-95-3	
2-Nitrophenol	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	88-75-5	
4-Nitrophenol	ND	ug/kg	1910	1	11/23/10 08:30	11/29/10 21:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	86-30-6	
Pentachlorophenol	ND	ug/kg	1910	1	11/23/10 08:30	11/29/10 21:38	87-86-5	
Phenanthrene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	85-01-8	
Phenol	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	108-95-2	
Pyrene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	382	1	11/23/10 08:30	11/29/10 21:38	88-06-2	
Nitrobenzene-d5 (S)	28	%	23-110	1	11/23/10 08:30	11/29/10 21:38	4165-60-0	
2-Fluorobiphenyl (S)	30	%	30-110	1	11/23/10 08:30	11/29/10 21:38	321-60-8	
Terphenyl-d14 (S)	42	%	28-110	1	11/23/10 08:30	11/29/10 21:38	1718-51-0	
Phenol-d6 (S)	30	%	22-110	1	11/23/10 08:30	11/29/10 21:38	13127-88-3	
2-Fluorophenol (S)	28	%	13-110	1	11/23/10 08:30	11/29/10 21:38	367-12-4	
2,4,6-Tribromophenol (S)	37	%	27-110	1	11/23/10 08:30	11/29/10 21:38	118-79-6	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S24-5-6 **Lab ID: 9282618007** Collected: 11/19/10 10:40 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	79.9	1		12/02/10 18:02	67-64-1	
Benzene	ND	ug/kg	4.0	1		12/02/10 18:02	71-43-2	
Bromobenzene	ND	ug/kg	4.0	1		12/02/10 18:02	108-86-1	
Bromochloromethane	ND	ug/kg	4.0	1		12/02/10 18:02	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	1		12/02/10 18:02	75-27-4	
Bromoform	ND	ug/kg	4.0	1		12/02/10 18:02	75-25-2	
Bromomethane	ND	ug/kg	8.0	1		12/02/10 18:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	79.9	1		12/02/10 18:02	78-93-3	
n-Butylbenzene	ND	ug/kg	4.0	1		12/02/10 18:02	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.0	1		12/02/10 18:02	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.0	1		12/02/10 18:02	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.0	1		12/02/10 18:02	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:02	108-90-7	
Chloroethane	ND	ug/kg	8.0	1		12/02/10 18:02	75-00-3	
Chloroform	ND	ug/kg	4.0	1		12/02/10 18:02	67-66-3	
Chloromethane	ND	ug/kg	8.0	1		12/02/10 18:02	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.0	1		12/02/10 18:02	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.0	1		12/02/10 18:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.0	1		12/02/10 18:02	96-12-8	
Dibromochloromethane	ND	ug/kg	4.0	1		12/02/10 18:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	1		12/02/10 18:02	106-93-4	
Dibromomethane	ND	ug/kg	4.0	1		12/02/10 18:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.0	1		12/02/10 18:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.0	1		12/02/10 18:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.0	1		12/02/10 18:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.0	1		12/02/10 18:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.0	1		12/02/10 18:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	1		12/02/10 18:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.0	1		12/02/10 18:02	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.0	1		12/02/10 18:02	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.0	1		12/02/10 18:02	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.0	1		12/02/10 18:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	1		12/02/10 18:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	1		12/02/10 18:02	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.0	1		12/02/10 18:02	108-20-3	
Ethylbenzene	ND	ug/kg	4.0	1		12/02/10 18:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	1		12/02/10 18:02	87-68-3	
2-Hexanone	ND	ug/kg	39.9	1		12/02/10 18:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	1		12/02/10 18:02	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.0	1		12/02/10 18:02	99-87-6	
Methylene Chloride	ND	ug/kg	16.0	1		12/02/10 18:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	39.9	1		12/02/10 18:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.0	1		12/02/10 18:02	1634-04-4	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S24-5-6 **Lab ID: 9282618007** Collected: 11/19/10 10:40 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.0	1		12/02/10 18:02	91-20-3	
n-Propylbenzene	ND	ug/kg	4.0	1		12/02/10 18:02	103-65-1	
Styrene	ND	ug/kg	4.0	1		12/02/10 18:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	1		12/02/10 18:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	1		12/02/10 18:02	79-34-5	
Tetrachloroethene	ND	ug/kg	4.0	1		12/02/10 18:02	127-18-4	
Toluene	ND	ug/kg	4.0	1		12/02/10 18:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.0	1		12/02/10 18:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.0	1		12/02/10 18:02	79-00-5	
Trichloroethene	ND	ug/kg	4.0	1		12/02/10 18:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	1		12/02/10 18:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.0	1		12/02/10 18:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	1		12/02/10 18:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	1		12/02/10 18:02	108-67-8	
Vinyl acetate	ND	ug/kg	39.9	1		12/02/10 18:02	108-05-4	
Vinyl chloride	ND	ug/kg	8.0	1		12/02/10 18:02	75-01-4	
Xylene (Total)	ND	ug/kg	8.0	1		12/02/10 18:02	1330-20-7	
m&p-Xylene	ND	ug/kg	8.0	1		12/02/10 18:02	179601-23-1	
o-Xylene	ND	ug/kg	4.0	1		12/02/10 18:02	95-47-6	
Dibromofluoromethane (S)	103	%	70-130	1		12/02/10 18:02	1868-53-7	
Toluene-d8 (S)	104	%	70-130	1		12/02/10 18:02	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		12/02/10 18:02	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-132	1		12/02/10 18:02	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.7**	%	0.10	1		11/23/10 15:24		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S25-3-4 **Lab ID: 9282618008** Collected: 11/19/10 10:50 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.46	1	11/29/10 13:20	11/30/10 16:00	7440-36-0	
Arsenic	ND	mg/kg	0.46	1	11/29/10 13:20	11/30/10 16:00	7440-38-2	
Beryllium	ND	mg/kg	0.092	1	11/29/10 13:20	11/30/10 16:00	7440-41-7	
Cadmium	ND	mg/kg	0.092	1	11/29/10 13:20	11/30/10 16:00	7440-43-9	
Chromium	**2.2**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 16:00	7440-47-3	
Copper	**1.1**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 16:00	7440-50-8	
Lead	**2.7**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 16:00	7439-92-1	
Nickel	ND	mg/kg	0.46	1	11/29/10 13:20	11/30/10 16:00	7440-02-0	
Selenium	ND	mg/kg	0.92	1	11/29/10 13:20	11/30/10 16:00	7782-49-2	
Silver	ND	mg/kg	0.46	1	11/29/10 13:20	11/30/10 16:00	7440-22-4	
Thallium	ND	mg/kg	0.92	1	11/29/10 13:20	11/30/10 16:00	7440-28-0	
Zinc	**1.9**	mg/kg	0.92	1	11/29/10 13:20	11/30/10 16:00	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.029**	mg/kg	0.0051	1	12/02/10 15:00	12/03/10 12:58	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	83-32-9	
Acenaphthylene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	208-96-8	
Aniline	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	62-53-3	
Anthracene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	120-12-7	
Benzo(a)anthracene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	56-55-3	
Benzo(a)pyrene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	207-08-9	
Benzoic Acid	ND	ug/kg	1780	1	11/29/10 16:00	11/30/10 23:29	65-85-0	
Benzyl alcohol	ND	ug/kg	711	1	11/29/10 16:00	11/30/10 23:29	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	101-55-3	
Butylbenzylphthalate	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	711	1	11/29/10 16:00	11/30/10 23:29	59-50-7	
4-Chloroaniline	ND	ug/kg	1780	1	11/29/10 16:00	11/30/10 23:29	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	108-60-1	
2-Chloronaphthalene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	91-58-7	
2-Chlorophenol	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	7005-72-3	
Chrysene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	53-70-3	
Dibenzofuran	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1780	1	11/29/10 16:00	11/30/10 23:29	91-94-1	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S25-3-4 **Lab ID: 9282618008** Collected: 11/19/10 10:50 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	120-83-2	
Diethylphthalate	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	105-67-9	
Dimethylphthalate	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	131-11-3	
Di-n-butylphthalate	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	711	1	11/29/10 16:00	11/30/10 23:29	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1780	1	11/29/10 16:00	11/30/10 23:29	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	606-20-2	
Di-n-octylphthalate	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	117-81-7	
Fluoranthene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	206-44-0	
Fluorene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	87-68-3	
Hexachlorobenzene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	77-47-4	
Hexachloroethane	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	193-39-5	
Isophorone	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	78-59-1	
1-Methylnaphthalene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	90-12-0	
2-Methylnaphthalene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29		
Naphthalene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	91-20-3	
2-Nitroaniline	ND	ug/kg	1780	1	11/29/10 16:00	11/30/10 23:29	88-74-4	
3-Nitroaniline	ND	ug/kg	1780	1	11/29/10 16:00	11/30/10 23:29	99-09-2	
4-Nitroaniline	ND	ug/kg	711	1	11/29/10 16:00	11/30/10 23:29	100-01-6	
Nitrobenzene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	98-95-3	
2-Nitrophenol	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	88-75-5	
4-Nitrophenol	ND	ug/kg	1780	1	11/29/10 16:00	11/30/10 23:29	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	86-30-6	
Pentachlorophenol	ND	ug/kg	1780	1	11/29/10 16:00	11/30/10 23:29	87-86-5	
Phenanthrene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	85-01-8	
Phenol	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	108-95-2	
Pyrene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	355	1	11/29/10 16:00	11/30/10 23:29	88-06-2	
Nitrobenzene-d5 (S)	48	%	23-110	1	11/29/10 16:00	11/30/10 23:29	4165-60-0	
2-Fluorobiphenyl (S)	63	%	30-110	1	11/29/10 16:00	11/30/10 23:29	321-60-8	
Terphenyl-d14 (S)	66	%	28-110	1	11/29/10 16:00	11/30/10 23:29	1718-51-0	
Phenol-d6 (S)	54	%	22-110	1	11/29/10 16:00	11/30/10 23:29	13127-88-3	
2-Fluorophenol (S)	47	%	13-110	1	11/29/10 16:00	11/30/10 23:29	367-12-4	
2,4,6-Tribromophenol (S)	74	%	27-110	1	11/29/10 16:00	11/30/10 23:29	118-79-6	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S25-3-4 **Lab ID: 9282618008** Collected: 11/19/10 10:50 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	90.0	1		12/02/10 18:21	67-64-1	
Benzene	ND	ug/kg	4.5	1		12/02/10 18:21	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		12/02/10 18:21	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		12/02/10 18:21	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		12/02/10 18:21	75-27-4	
Bromoform	ND	ug/kg	4.5	1		12/02/10 18:21	75-25-2	
Bromomethane	ND	ug/kg	9.0	1		12/02/10 18:21	74-83-9	
2-Butanone (MEK)	ND	ug/kg	90.0	1		12/02/10 18:21	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		12/02/10 18:21	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		12/02/10 18:21	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		12/02/10 18:21	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.5	1		12/02/10 18:21	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		12/02/10 18:21	108-90-7	
Chloroethane	ND	ug/kg	9.0	1		12/02/10 18:21	75-00-3	
Chloroform	ND	ug/kg	4.5	1		12/02/10 18:21	67-66-3	
Chloromethane	ND	ug/kg	9.0	1		12/02/10 18:21	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		12/02/10 18:21	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		12/02/10 18:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		12/02/10 18:21	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		12/02/10 18:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		12/02/10 18:21	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		12/02/10 18:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		12/02/10 18:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		12/02/10 18:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		12/02/10 18:21	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.0	1		12/02/10 18:21	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		12/02/10 18:21	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		12/02/10 18:21	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		12/02/10 18:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/02/10 18:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/02/10 18:21	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		12/02/10 18:21	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		12/02/10 18:21	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		12/02/10 18:21	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		12/02/10 18:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/02/10 18:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/02/10 18:21	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.5	1		12/02/10 18:21	108-20-3	
Ethylbenzene	ND	ug/kg	4.5	1		12/02/10 18:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		12/02/10 18:21	87-68-3	
2-Hexanone	ND	ug/kg	45.0	1		12/02/10 18:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		12/02/10 18:21	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		12/02/10 18:21	99-87-6	
Methylene Chloride	ND	ug/kg	18.0	1		12/02/10 18:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.0	1		12/02/10 18:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		12/02/10 18:21	1634-04-4	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S25-3-4 **Lab ID: 9282618008** Collected: 11/19/10 10:50 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.5	1		12/02/10 18:21	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		12/02/10 18:21	103-65-1	
Styrene	ND	ug/kg	4.5	1		12/02/10 18:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/02/10 18:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/02/10 18:21	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		12/02/10 18:21	127-18-4	
Toluene	ND	ug/kg	4.5	1		12/02/10 18:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		12/02/10 18:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		12/02/10 18:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		12/02/10 18:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		12/02/10 18:21	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		12/02/10 18:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		12/02/10 18:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		12/02/10 18:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		12/02/10 18:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		12/02/10 18:21	108-67-8	
Vinyl acetate	ND	ug/kg	45.0	1		12/02/10 18:21	108-05-4	
Vinyl chloride	ND	ug/kg	9.0	1		12/02/10 18:21	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		12/02/10 18:21	1330-20-7	
m&p-Xylene	ND	ug/kg	9.0	1		12/02/10 18:21	179601-23-1	
o-Xylene	ND	ug/kg	4.5	1		12/02/10 18:21	95-47-6	
Dibromofluoromethane (S)	107	%	70-130	1		12/02/10 18:21	1868-53-7	
Toluene-d8 (S)	101	%	70-130	1		12/02/10 18:21	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130	1		12/02/10 18:21	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-132	1		12/02/10 18:21	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.4**	%	0.10	1		11/23/10 15:24		

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S25-5-6 **Lab ID: 9282618009** Collected: 11/19/10 10:55 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.40	1	11/29/10 13:20	11/30/10 16:13	7440-36-0	
Arsenic	ND	mg/kg	0.40	1	11/29/10 13:20	11/30/10 16:13	7440-38-2	
Beryllium	ND	mg/kg	0.079	1	11/29/10 13:20	11/30/10 16:13	7440-41-7	
Cadmium	ND	mg/kg	0.079	1	11/29/10 13:20	11/30/10 16:13	7440-43-9	
Chromium	**7.3**	mg/kg	0.40	1	11/29/10 13:20	11/30/10 16:13	7440-47-3	
Copper	**1.5**	mg/kg	0.40	1	11/29/10 13:20	11/30/10 16:13	7440-50-8	
Lead	**3.5**	mg/kg	0.40	1	11/29/10 13:20	11/30/10 16:13	7439-92-1	
Nickel	**0.91**	mg/kg	0.40	1	11/29/10 13:20	11/30/10 16:13	7440-02-0	
Selenium	ND	mg/kg	0.79	1	11/29/10 13:20	11/30/10 16:13	7782-49-2	
Silver	ND	mg/kg	0.40	1	11/29/10 13:20	11/30/10 16:13	7440-22-4	
Thallium	ND	mg/kg	0.79	1	11/29/10 13:20	11/30/10 16:13	7440-28-0	
Zinc	**7.3**	mg/kg	0.79	1	11/29/10 13:20	11/30/10 16:13	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.038**	mg/kg	0.0044	1	12/02/10 15:00	12/03/10 13:01	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	83-32-9	
Acenaphthylene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	208-96-8	
Aniline	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	62-53-3	
Anthracene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	120-12-7	
Benzo(a)anthracene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	56-55-3	
Benzo(a)pyrene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	207-08-9	
Benzoic Acid	ND	ug/kg	1790	1	11/29/10 16:00	11/30/10 23:57	65-85-0	
Benzyl alcohol	ND	ug/kg	716	1	11/29/10 16:00	11/30/10 23:57	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	101-55-3	
Butylbenzylphthalate	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	716	1	11/29/10 16:00	11/30/10 23:57	59-50-7	
4-Chloroaniline	ND	ug/kg	1790	1	11/29/10 16:00	11/30/10 23:57	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	108-60-1	
2-Chloronaphthalene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	91-58-7	
2-Chlorophenol	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	7005-72-3	
Chrysene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	53-70-3	
Dibenzofuran	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1790	1	11/29/10 16:00	11/30/10 23:57	91-94-1	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S25-5-6 **Lab ID: 9282618009** Collected: 11/19/10 10:55 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	120-83-2	
Diethylphthalate	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	105-67-9	
Dimethylphthalate	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	131-11-3	
Di-n-butylphthalate	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	716	1	11/29/10 16:00	11/30/10 23:57	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1790	1	11/29/10 16:00	11/30/10 23:57	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	606-20-2	
Di-n-octylphthalate	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	117-81-7	
Fluoranthene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	206-44-0	
Fluorene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	87-68-3	
Hexachlorobenzene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	77-47-4	
Hexachloroethane	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	193-39-5	
Isophorone	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	78-59-1	
1-Methylnaphthalene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	90-12-0	
2-Methylnaphthalene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57		
Naphthalene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	91-20-3	
2-Nitroaniline	ND	ug/kg	1790	1	11/29/10 16:00	11/30/10 23:57	88-74-4	
3-Nitroaniline	ND	ug/kg	1790	1	11/29/10 16:00	11/30/10 23:57	99-09-2	
4-Nitroaniline	ND	ug/kg	716	1	11/29/10 16:00	11/30/10 23:57	100-01-6	
Nitrobenzene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	98-95-3	
2-Nitrophenol	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	88-75-5	
4-Nitrophenol	ND	ug/kg	1790	1	11/29/10 16:00	11/30/10 23:57	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	86-30-6	
Pentachlorophenol	ND	ug/kg	1790	1	11/29/10 16:00	11/30/10 23:57	87-86-5	
Phenanthrene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	85-01-8	
Phenol	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	108-95-2	
Pyrene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	358	1	11/29/10 16:00	11/30/10 23:57	88-06-2	
Nitrobenzene-d5 (S)	54	%	23-110	1	11/29/10 16:00	11/30/10 23:57	4165-60-0	
2-Fluorobiphenyl (S)	60	%	30-110	1	11/29/10 16:00	11/30/10 23:57	321-60-8	
Terphenyl-d14 (S)	56	%	28-110	1	11/29/10 16:00	11/30/10 23:57	1718-51-0	
Phenol-d6 (S)	54	%	22-110	1	11/29/10 16:00	11/30/10 23:57	13127-88-3	
2-Fluorophenol (S)	52	%	13-110	1	11/29/10 16:00	11/30/10 23:57	367-12-4	
2,4,6-Tribromophenol (S)	71	%	27-110	1	11/29/10 16:00	11/30/10 23:57	118-79-6	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S25-5-6 **Lab ID: 9282618009** Collected: 11/19/10 10:55 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	79.7	1		12/02/10 18:39	67-64-1	
Benzene	ND	ug/kg	4.0	1		12/02/10 18:39	71-43-2	
Bromobenzene	ND	ug/kg	4.0	1		12/02/10 18:39	108-86-1	
Bromochloromethane	ND	ug/kg	4.0	1		12/02/10 18:39	74-97-5	
Bromodichloromethane	ND	ug/kg	4.0	1		12/02/10 18:39	75-27-4	
Bromoform	ND	ug/kg	4.0	1		12/02/10 18:39	75-25-2	
Bromomethane	ND	ug/kg	8.0	1		12/02/10 18:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	79.7	1		12/02/10 18:39	78-93-3	
n-Butylbenzene	ND	ug/kg	4.0	1		12/02/10 18:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.0	1		12/02/10 18:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.0	1		12/02/10 18:39	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.0	1		12/02/10 18:39	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:39	108-90-7	
Chloroethane	ND	ug/kg	8.0	1		12/02/10 18:39	75-00-3	
Chloroform	ND	ug/kg	4.0	1		12/02/10 18:39	67-66-3	
Chloromethane	ND	ug/kg	8.0	1		12/02/10 18:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.0	1		12/02/10 18:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.0	1		12/02/10 18:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.0	1		12/02/10 18:39	96-12-8	
Dibromochloromethane	ND	ug/kg	4.0	1		12/02/10 18:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	1		12/02/10 18:39	106-93-4	
Dibromomethane	ND	ug/kg	4.0	1		12/02/10 18:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.0	1		12/02/10 18:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.0	1		12/02/10 18:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.0	1		12/02/10 18:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.0	1		12/02/10 18:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.0	1		12/02/10 18:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	1		12/02/10 18:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.0	1		12/02/10 18:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.0	1		12/02/10 18:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.0	1		12/02/10 18:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.0	1		12/02/10 18:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	1		12/02/10 18:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	1		12/02/10 18:39	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.0	1		12/02/10 18:39	108-20-3	
Ethylbenzene	ND	ug/kg	4.0	1		12/02/10 18:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	1		12/02/10 18:39	87-68-3	
2-Hexanone	ND	ug/kg	39.9	1		12/02/10 18:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	1		12/02/10 18:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.0	1		12/02/10 18:39	99-87-6	
Methylene Chloride	ND	ug/kg	15.9	1		12/02/10 18:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	39.9	1		12/02/10 18:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.0	1		12/02/10 18:39	1634-04-4	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S25-5-6 **Lab ID: 9282618009** Collected: 11/19/10 10:55 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.0	1		12/02/10 18:39	91-20-3	
n-Propylbenzene	ND	ug/kg	4.0	1		12/02/10 18:39	103-65-1	
Styrene	ND	ug/kg	4.0	1		12/02/10 18:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	1		12/02/10 18:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	1		12/02/10 18:39	79-34-5	
Tetrachloroethene	ND	ug/kg	4.0	1		12/02/10 18:39	127-18-4	
Toluene	ND	ug/kg	4.0	1		12/02/10 18:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	1		12/02/10 18:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.0	1		12/02/10 18:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.0	1		12/02/10 18:39	79-00-5	
Trichloroethene	ND	ug/kg	4.0	1		12/02/10 18:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	1		12/02/10 18:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.0	1		12/02/10 18:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	1		12/02/10 18:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	1		12/02/10 18:39	108-67-8	
Vinyl acetate	ND	ug/kg	39.9	1		12/02/10 18:39	108-05-4	
Vinyl chloride	ND	ug/kg	8.0	1		12/02/10 18:39	75-01-4	
Xylene (Total)	ND	ug/kg	8.0	1		12/02/10 18:39	1330-20-7	
m&p-Xylene	ND	ug/kg	8.0	1		12/02/10 18:39	179601-23-1	
o-Xylene	ND	ug/kg	4.0	1		12/02/10 18:39	95-47-6	
Dibromofluoromethane (S)	105	%	70-130	1		12/02/10 18:39	1868-53-7	
Toluene-d8 (S)	102	%	70-130	1		12/02/10 18:39	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		12/02/10 18:39	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-132	1		12/02/10 18:39	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.7**	%	0.10	1		11/23/10 15:24		

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S26-2-3 **Lab ID: 9282618010** Collected: 11/19/10 11:05 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.50	1	11/29/10 13:20	11/30/10 16:16	7440-36-0	
Arsenic	**0.69**	mg/kg	0.50	1	11/29/10 13:20	11/30/10 16:16	7440-38-2	
Beryllium	ND	mg/kg	0.10	1	11/29/10 13:20	11/30/10 16:16	7440-41-7	
Cadmium	ND	mg/kg	0.10	1	11/29/10 13:20	11/30/10 16:16	7440-43-9	
Chromium	**5.1**	mg/kg	0.50	1	11/29/10 13:20	11/30/10 16:16	7440-47-3	
Copper	**0.69**	mg/kg	0.50	1	11/29/10 13:20	11/30/10 16:16	7440-50-8	
Lead	**2.3**	mg/kg	0.50	1	11/29/10 13:20	11/30/10 16:16	7439-92-1	
Nickel	**1.3**	mg/kg	0.50	1	11/29/10 13:20	11/30/10 16:16	7440-02-0	
Selenium	ND	mg/kg	1.0	1	11/29/10 13:20	11/30/10 16:16	7782-49-2	
Silver	ND	mg/kg	0.50	1	11/29/10 13:20	11/30/10 16:16	7440-22-4	
Thallium	ND	mg/kg	1.0	1	11/29/10 13:20	11/30/10 16:16	7440-28-0	
Zinc	**2.3**	mg/kg	1.0	1	11/29/10 13:20	11/30/10 16:16	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.021**	mg/kg	0.0042	1	12/02/10 15:00	12/03/10 13:04	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	83-32-9	
Acenaphthylene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	208-96-8	
Aniline	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	62-53-3	
Anthracene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	120-12-7	
Benzo(a)anthracene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	56-55-3	
Benzo(a)pyrene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	207-08-9	
Benzoic Acid	ND	ug/kg	1770	1	12/01/10 16:15	12/02/10 15:03	65-85-0	
Benzyl alcohol	ND	ug/kg	708	1	12/01/10 16:15	12/02/10 15:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	101-55-3	
Butylbenzylphthalate	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	708	1	12/01/10 16:15	12/02/10 15:03	59-50-7	
4-Chloroaniline	ND	ug/kg	1770	1	12/01/10 16:15	12/02/10 15:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	108-60-1	
2-Chloronaphthalene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	91-58-7	
2-Chlorophenol	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	7005-72-3	
Chrysene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	53-70-3	
Dibenzofuran	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1770	1	12/01/10 16:15	12/02/10 15:03	91-94-1	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S26-2-3 **Lab ID: 9282618010** Collected: 11/19/10 11:05 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	120-83-2	
Diethylphthalate	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	105-67-9	
Dimethylphthalate	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	131-11-3	
Di-n-butylphthalate	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	708	1	12/01/10 16:15	12/02/10 15:03	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1770	1	12/01/10 16:15	12/02/10 15:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	606-20-2	
Di-n-octylphthalate	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	117-81-7	
Fluoranthene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	206-44-0	
Fluorene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	87-68-3	
Hexachlorobenzene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	77-47-4	
Hexachloroethane	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	193-39-5	
Isophorone	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	78-59-1	
1-Methylnaphthalene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	90-12-0	
2-Methylnaphthalene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03		
Naphthalene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	91-20-3	
2-Nitroaniline	ND	ug/kg	1770	1	12/01/10 16:15	12/02/10 15:03	88-74-4	
3-Nitroaniline	ND	ug/kg	1770	1	12/01/10 16:15	12/02/10 15:03	99-09-2	
4-Nitroaniline	ND	ug/kg	708	1	12/01/10 16:15	12/02/10 15:03	100-01-6	
Nitrobenzene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	98-95-3	
2-Nitrophenol	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	88-75-5	
4-Nitrophenol	ND	ug/kg	1770	1	12/01/10 16:15	12/02/10 15:03	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	86-30-6	
Pentachlorophenol	ND	ug/kg	1770	1	12/01/10 16:15	12/02/10 15:03	87-86-5	
Phenanthrene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	85-01-8	
Phenol	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	108-95-2	
Pyrene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	354	1	12/01/10 16:15	12/02/10 15:03	88-06-2	
Nitrobenzene-d5 (S)	61	%	23-110	1	12/01/10 16:15	12/02/10 15:03	4165-60-0	
2-Fluorobiphenyl (S)	69	%	30-110	1	12/01/10 16:15	12/02/10 15:03	321-60-8	
Terphenyl-d14 (S)	74	%	28-110	1	12/01/10 16:15	12/02/10 15:03	1718-51-0	
Phenol-d6 (S)	63	%	22-110	1	12/01/10 16:15	12/02/10 15:03	13127-88-3	
2-Fluorophenol (S)	55	%	13-110	1	12/01/10 16:15	12/02/10 15:03	367-12-4	
2,4,6-Tribromophenol (S)	84	%	27-110	1	12/01/10 16:15	12/02/10 15:03	118-79-6	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S26-2-3 **Lab ID: 9282618010** Collected: 11/19/10 11:05 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	85.4	1		12/02/10 18:58	67-64-1	
Benzene	ND	ug/kg	4.3	1		12/02/10 18:58	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		12/02/10 18:58	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		12/02/10 18:58	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		12/02/10 18:58	75-27-4	
Bromoform	ND	ug/kg	4.3	1		12/02/10 18:58	75-25-2	
Bromomethane	ND	ug/kg	8.5	1		12/02/10 18:58	74-83-9	
2-Butanone (MEK)	ND	ug/kg	85.4	1		12/02/10 18:58	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		12/02/10 18:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		12/02/10 18:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		12/02/10 18:58	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.3	1		12/02/10 18:58	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		12/02/10 18:58	108-90-7	
Chloroethane	ND	ug/kg	8.5	1		12/02/10 18:58	75-00-3	
Chloroform	ND	ug/kg	4.3	1		12/02/10 18:58	67-66-3	
Chloromethane	ND	ug/kg	8.5	1		12/02/10 18:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		12/02/10 18:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		12/02/10 18:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		12/02/10 18:58	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		12/02/10 18:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		12/02/10 18:58	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		12/02/10 18:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		12/02/10 18:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		12/02/10 18:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		12/02/10 18:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.5	1		12/02/10 18:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		12/02/10 18:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		12/02/10 18:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		12/02/10 18:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		12/02/10 18:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		12/02/10 18:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		12/02/10 18:58	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		12/02/10 18:58	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		12/02/10 18:58	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		12/02/10 18:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		12/02/10 18:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		12/02/10 18:58	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.3	1		12/02/10 18:58	108-20-3	
Ethylbenzene	ND	ug/kg	4.3	1		12/02/10 18:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		12/02/10 18:58	87-68-3	
2-Hexanone	ND	ug/kg	42.7	1		12/02/10 18:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		12/02/10 18:58	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		12/02/10 18:58	99-87-6	
Methylene Chloride	ND	ug/kg	17.1	1		12/02/10 18:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.7	1		12/02/10 18:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		12/02/10 18:58	1634-04-4	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S26-2-3 **Lab ID: 9282618010** Collected: 11/19/10 11:05 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.3	1		12/02/10 18:58	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		12/02/10 18:58	103-65-1	
Styrene	ND	ug/kg	4.3	1		12/02/10 18:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		12/02/10 18:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		12/02/10 18:58	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		12/02/10 18:58	127-18-4	
Toluene	ND	ug/kg	4.3	1		12/02/10 18:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		12/02/10 18:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		12/02/10 18:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		12/02/10 18:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		12/02/10 18:58	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		12/02/10 18:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		12/02/10 18:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		12/02/10 18:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		12/02/10 18:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		12/02/10 18:58	108-67-8	
Vinyl acetate	ND	ug/kg	42.7	1		12/02/10 18:58	108-05-4	
Vinyl chloride	ND	ug/kg	8.5	1		12/02/10 18:58	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1		12/02/10 18:58	1330-20-7	
m&p-Xylene	ND	ug/kg	8.5	1		12/02/10 18:58	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1		12/02/10 18:58	95-47-6	
Dibromofluoromethane (S)	106	%	70-130	1		12/02/10 18:58	1868-53-7	
Toluene-d8 (S)	103	%	70-130	1		12/02/10 18:58	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		12/02/10 18:58	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-132	1		12/02/10 18:58	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.4**	%	0.10	1		11/23/10 15:24		

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S26-5-6 **Lab ID: 9282618011** Collected: 11/19/10 11:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	**0.42**	mg/kg	0.38	1	11/29/10 13:20	11/30/10 16:20	7440-36-0	
Arsenic	**0.57**	mg/kg	0.38	1	11/29/10 13:20	11/30/10 16:20	7440-38-2	
Beryllium	ND	mg/kg	0.076	1	11/29/10 13:20	11/30/10 16:20	7440-41-7	
Cadmium	ND	mg/kg	0.076	1	11/29/10 13:20	11/30/10 16:20	7440-43-9	
Chromium	**7.0**	mg/kg	0.38	1	11/29/10 13:20	11/30/10 16:20	7440-47-3	
Copper	**0.55**	mg/kg	0.38	1	11/29/10 13:20	11/30/10 16:20	7440-50-8	
Lead	**3.6**	mg/kg	0.38	1	11/29/10 13:20	11/30/10 16:20	7439-92-1	
Nickel	**1.4**	mg/kg	0.38	1	11/29/10 13:20	11/30/10 16:20	7440-02-0	
Selenium	ND	mg/kg	0.76	1	11/29/10 13:20	11/30/10 16:20	7782-49-2	
Silver	ND	mg/kg	0.38	1	11/29/10 13:20	11/30/10 16:20	7440-22-4	
Thallium	ND	mg/kg	0.76	1	11/29/10 13:20	11/30/10 16:20	7440-28-0	
Zinc	**2.4**	mg/kg	0.76	1	11/29/10 13:20	11/30/10 16:20	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.015**	mg/kg	0.0050	1	12/02/10 15:00	12/03/10 13:06	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	83-32-9	
Acenaphthylene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	208-96-8	
Aniline	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	62-53-3	
Anthracene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	56-55-3	
Benzo(a)pyrene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	207-08-9	
Benzoic Acid	ND	ug/kg	1860	1	11/29/10 16:00	12/01/10 00:53	65-85-0	
Benzyl alcohol	ND	ug/kg	745	1	11/29/10 16:00	12/01/10 00:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	745	1	11/29/10 16:00	12/01/10 00:53	59-50-7	
4-Chloroaniline	ND	ug/kg	1860	1	11/29/10 16:00	12/01/10 00:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	108-60-1	
2-Chloronaphthalene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	91-58-7	
2-Chlorophenol	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	7005-72-3	
Chrysene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	53-70-3	
Dibenzofuran	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1860	1	11/29/10 16:00	12/01/10 00:53	91-94-1	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S26-5-6 **Lab ID: 9282618011** Collected: 11/19/10 11:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	120-83-2	
Diethylphthalate	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	105-67-9	
Dimethylphthalate	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	745	1	11/29/10 16:00	12/01/10 00:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1860	1	11/29/10 16:00	12/01/10 00:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	117-81-7	
Fluoranthene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	206-44-0	
Fluorene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	87-68-3	
Hexachlorobenzene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	77-47-4	
Hexachloroethane	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	193-39-5	
Isophorone	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	78-59-1	
1-Methylnaphthalene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	90-12-0	
2-Methylnaphthalene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53		
Naphthalene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	91-20-3	
2-Nitroaniline	ND	ug/kg	1860	1	11/29/10 16:00	12/01/10 00:53	88-74-4	
3-Nitroaniline	ND	ug/kg	1860	1	11/29/10 16:00	12/01/10 00:53	99-09-2	
4-Nitroaniline	ND	ug/kg	745	1	11/29/10 16:00	12/01/10 00:53	100-01-6	
Nitrobenzene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	98-95-3	
2-Nitrophenol	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	88-75-5	
4-Nitrophenol	ND	ug/kg	1860	1	11/29/10 16:00	12/01/10 00:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	86-30-6	
Pentachlorophenol	ND	ug/kg	1860	1	11/29/10 16:00	12/01/10 00:53	87-86-5	
Phenanthrene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	85-01-8	
Phenol	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	108-95-2	
Pyrene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	373	1	11/29/10 16:00	12/01/10 00:53	88-06-2	
Nitrobenzene-d5 (S)	58	%	23-110	1	11/29/10 16:00	12/01/10 00:53	4165-60-0	
2-Fluorobiphenyl (S)	71	%	30-110	1	11/29/10 16:00	12/01/10 00:53	321-60-8	
Terphenyl-d14 (S)	74	%	28-110	1	11/29/10 16:00	12/01/10 00:53	1718-51-0	
Phenol-d6 (S)	57	%	22-110	1	11/29/10 16:00	12/01/10 00:53	13127-88-3	
2-Fluorophenol (S)	53	%	13-110	1	11/29/10 16:00	12/01/10 00:53	367-12-4	
2,4,6-Tribromophenol (S)	76	%	27-110	1	11/29/10 16:00	12/01/10 00:53	118-79-6	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S26-5-6 **Lab ID: 9282618011** Collected: 11/19/10 11:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	92.7	1		12/02/10 19:16	67-64-1	
Benzene	ND	ug/kg	4.6	1		12/02/10 19:16	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		12/02/10 19:16	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		12/02/10 19:16	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		12/02/10 19:16	75-27-4	
Bromoform	ND	ug/kg	4.6	1		12/02/10 19:16	75-25-2	
Bromomethane	ND	ug/kg	9.3	1		12/02/10 19:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	92.7	1		12/02/10 19:16	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		12/02/10 19:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		12/02/10 19:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		12/02/10 19:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.6	1		12/02/10 19:16	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		12/02/10 19:16	108-90-7	
Chloroethane	ND	ug/kg	9.3	1		12/02/10 19:16	75-00-3	
Chloroform	ND	ug/kg	4.6	1		12/02/10 19:16	67-66-3	
Chloromethane	ND	ug/kg	9.3	1		12/02/10 19:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		12/02/10 19:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		12/02/10 19:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	1		12/02/10 19:16	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1		12/02/10 19:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		12/02/10 19:16	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		12/02/10 19:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		12/02/10 19:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		12/02/10 19:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		12/02/10 19:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.3	1		12/02/10 19:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		12/02/10 19:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		12/02/10 19:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		12/02/10 19:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/02/10 19:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/02/10 19:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		12/02/10 19:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		12/02/10 19:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		12/02/10 19:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		12/02/10 19:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/02/10 19:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/02/10 19:16	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.6	1		12/02/10 19:16	108-20-3	
Ethylbenzene	ND	ug/kg	4.6	1		12/02/10 19:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		12/02/10 19:16	87-68-3	
2-Hexanone	ND	ug/kg	46.3	1		12/02/10 19:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		12/02/10 19:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		12/02/10 19:16	99-87-6	
Methylene Chloride	ND	ug/kg	18.5	1		12/02/10 19:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.3	1		12/02/10 19:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		12/02/10 19:16	1634-04-4	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S26-5-6 **Lab ID: 9282618011** Collected: 11/19/10 11:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.6	1		12/02/10 19:16	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		12/02/10 19:16	103-65-1	
Styrene	ND	ug/kg	4.6	1		12/02/10 19:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/02/10 19:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/02/10 19:16	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		12/02/10 19:16	127-18-4	
Toluene	ND	ug/kg	4.6	1		12/02/10 19:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		12/02/10 19:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		12/02/10 19:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		12/02/10 19:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		12/02/10 19:16	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		12/02/10 19:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		12/02/10 19:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		12/02/10 19:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		12/02/10 19:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		12/02/10 19:16	108-67-8	
Vinyl acetate	ND	ug/kg	46.3	1		12/02/10 19:16	108-05-4	
Vinyl chloride	ND	ug/kg	9.3	1		12/02/10 19:16	75-01-4	
Xylene (Total)	ND	ug/kg	9.3	1		12/02/10 19:16	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	1		12/02/10 19:16	179601-23-1	
o-Xylene	ND	ug/kg	4.6	1		12/02/10 19:16	95-47-6	
Dibromofluoromethane (S)	105	%	70-130	1		12/02/10 19:16	1868-53-7	
Toluene-d8 (S)	104	%	70-130	1		12/02/10 19:16	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		12/02/10 19:16	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-132	1		12/02/10 19:16	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.4**	%	0.10	1		11/23/10 15:25		

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S27-3-4 **Lab ID: 9282618012** Collected: 11/19/10 11:20 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.39	1	11/29/10 13:20	11/30/10 16:24	7440-36-0	
Arsenic	**2.0**	mg/kg	0.39	1	11/29/10 13:20	11/30/10 16:24	7440-38-2	
Beryllium	ND	mg/kg	0.078	1	11/29/10 13:20	11/30/10 16:24	7440-41-7	
Cadmium	ND	mg/kg	0.078	1	11/29/10 13:20	11/30/10 16:24	7440-43-9	
Chromium	**6.1**	mg/kg	0.39	1	11/29/10 13:20	11/30/10 16:24	7440-47-3	
Copper	ND	mg/kg	0.39	1	11/29/10 13:20	11/30/10 16:24	7440-50-8	
Lead	**2.7**	mg/kg	0.39	1	11/29/10 13:20	11/30/10 16:24	7439-92-1	
Nickel	**1.2**	mg/kg	0.39	1	11/29/10 13:20	11/30/10 16:24	7440-02-0	
Selenium	ND	mg/kg	0.78	1	11/29/10 13:20	11/30/10 16:24	7782-49-2	
Silver	ND	mg/kg	0.39	1	11/29/10 13:20	11/30/10 16:24	7440-22-4	
Thallium	ND	mg/kg	0.78	1	11/29/10 13:20	11/30/10 16:24	7440-28-0	
Zinc	**2.1**	mg/kg	0.78	1	11/29/10 13:20	11/30/10 16:24	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.050**	mg/kg	0.0048	1	12/02/10 15:00	12/03/10 13:09	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	83-32-9	
Acenaphthylene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	208-96-8	
Aniline	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	62-53-3	
Anthracene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	120-12-7	
Benzo(a)anthracene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	56-55-3	
Benzo(a)pyrene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	207-08-9	
Benzoic Acid	ND	ug/kg	1880	1	12/01/10 16:15	12/02/10 15:31	65-85-0	
Benzyl alcohol	ND	ug/kg	750	1	12/01/10 16:15	12/02/10 15:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	101-55-3	
Butylbenzylphthalate	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	750	1	12/01/10 16:15	12/02/10 15:31	59-50-7	
4-Chloroaniline	ND	ug/kg	1880	1	12/01/10 16:15	12/02/10 15:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	108-60-1	
2-Chloronaphthalene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	91-58-7	
2-Chlorophenol	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	7005-72-3	
Chrysene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	53-70-3	
Dibenzofuran	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1880	1	12/01/10 16:15	12/02/10 15:31	91-94-1	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S27-3-4 **Lab ID: 9282618012** Collected: 11/19/10 11:20 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	120-83-2	
Diethylphthalate	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	105-67-9	
Dimethylphthalate	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	131-11-3	
Di-n-butylphthalate	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	750	1	12/01/10 16:15	12/02/10 15:31	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1880	1	12/01/10 16:15	12/02/10 15:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	606-20-2	
Di-n-octylphthalate	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	117-81-7	
Fluoranthene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	206-44-0	
Fluorene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	87-68-3	
Hexachlorobenzene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	77-47-4	
Hexachloroethane	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	193-39-5	
Isophorone	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	78-59-1	
1-Methylnaphthalene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	90-12-0	
2-Methylnaphthalene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31		
Naphthalene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	91-20-3	
2-Nitroaniline	ND	ug/kg	1880	1	12/01/10 16:15	12/02/10 15:31	88-74-4	
3-Nitroaniline	ND	ug/kg	1880	1	12/01/10 16:15	12/02/10 15:31	99-09-2	
4-Nitroaniline	ND	ug/kg	750	1	12/01/10 16:15	12/02/10 15:31	100-01-6	
Nitrobenzene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	98-95-3	
2-Nitrophenol	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	88-75-5	
4-Nitrophenol	ND	ug/kg	1880	1	12/01/10 16:15	12/02/10 15:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	86-30-6	
Pentachlorophenol	ND	ug/kg	1880	1	12/01/10 16:15	12/02/10 15:31	87-86-5	
Phenanthrene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	85-01-8	
Phenol	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	108-95-2	
Pyrene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	375	1	12/01/10 16:15	12/02/10 15:31	88-06-2	
Nitrobenzene-d5 (S)	38	%	23-110	1	12/01/10 16:15	12/02/10 15:31	4165-60-0	
2-Fluorobiphenyl (S)	46	%	30-110	1	12/01/10 16:15	12/02/10 15:31	321-60-8	
Terphenyl-d14 (S)	61	%	28-110	1	12/01/10 16:15	12/02/10 15:31	1718-51-0	
Phenol-d6 (S)	34	%	22-110	1	12/01/10 16:15	12/02/10 15:31	13127-88-3	
2-Fluorophenol (S)	33	%	13-110	1	12/01/10 16:15	12/02/10 15:31	367-12-4	
2,4,6-Tribromophenol (S)	63	%	27-110	1	12/01/10 16:15	12/02/10 15:31	118-79-6	

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Asheville, NC 28804
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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S27-3-4 **Lab ID: 9282618012** Collected: 11/19/10 11:20 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	147	1		12/02/10 19:34	67-64-1	
Benzene	ND	ug/kg	7.3	1		12/02/10 19:34	71-43-2	
Bromobenzene	ND	ug/kg	7.3	1		12/02/10 19:34	108-86-1	
Bromochloromethane	ND	ug/kg	7.3	1		12/02/10 19:34	74-97-5	
Bromodichloromethane	ND	ug/kg	7.3	1		12/02/10 19:34	75-27-4	
Bromoform	ND	ug/kg	7.3	1		12/02/10 19:34	75-25-2	
Bromomethane	ND	ug/kg	14.7	1		12/02/10 19:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	147	1		12/02/10 19:34	78-93-3	
n-Butylbenzene	ND	ug/kg	7.3	1		12/02/10 19:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.3	1		12/02/10 19:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.3	1		12/02/10 19:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.3	1		12/02/10 19:34	56-23-5	
Chlorobenzene	ND	ug/kg	7.3	1		12/02/10 19:34	108-90-7	
Chloroethane	ND	ug/kg	14.7	1		12/02/10 19:34	75-00-3	
Chloroform	ND	ug/kg	7.3	1		12/02/10 19:34	67-66-3	
Chloromethane	ND	ug/kg	14.7	1		12/02/10 19:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.3	1		12/02/10 19:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.3	1		12/02/10 19:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	1		12/02/10 19:34	96-12-8	
Dibromochloromethane	ND	ug/kg	7.3	1		12/02/10 19:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.3	1		12/02/10 19:34	106-93-4	
Dibromomethane	ND	ug/kg	7.3	1		12/02/10 19:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.3	1		12/02/10 19:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.3	1		12/02/10 19:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.3	1		12/02/10 19:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.7	1		12/02/10 19:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.3	1		12/02/10 19:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.3	1		12/02/10 19:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.3	1		12/02/10 19:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.3	1		12/02/10 19:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.3	1		12/02/10 19:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.3	1		12/02/10 19:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.3	1		12/02/10 19:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.3	1		12/02/10 19:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.3	1		12/02/10 19:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.3	1		12/02/10 19:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.3	1		12/02/10 19:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.3	1		12/02/10 19:34	108-20-3	
Ethylbenzene	ND	ug/kg	7.3	1		12/02/10 19:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	7.3	1		12/02/10 19:34	87-68-3	
2-Hexanone	ND	ug/kg	73.5	1		12/02/10 19:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.3	1		12/02/10 19:34	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.3	1		12/02/10 19:34	99-87-6	
Methylene Chloride	ND	ug/kg	29.4	1		12/02/10 19:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	73.5	1		12/02/10 19:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.3	1		12/02/10 19:34	1634-04-4	

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Asheville, NC 28804
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(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S27-3-4 **Lab ID: 9282618012** Collected: 11/19/10 11:20 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	7.3	1		12/02/10 19:34	91-20-3	
n-Propylbenzene	ND	ug/kg	7.3	1		12/02/10 19:34	103-65-1	
Styrene	ND	ug/kg	7.3	1		12/02/10 19:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.3	1		12/02/10 19:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.3	1		12/02/10 19:34	79-34-5	
Tetrachloroethene	ND	ug/kg	7.3	1		12/02/10 19:34	127-18-4	
Toluene	ND	ug/kg	7.3	1		12/02/10 19:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.3	1		12/02/10 19:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.3	1		12/02/10 19:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.3	1		12/02/10 19:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.3	1		12/02/10 19:34	79-00-5	
Trichloroethene	ND	ug/kg	7.3	1		12/02/10 19:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.3	1		12/02/10 19:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.3	1		12/02/10 19:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.3	1		12/02/10 19:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.3	1		12/02/10 19:34	108-67-8	
Vinyl acetate	ND	ug/kg	73.5	1		12/02/10 19:34	108-05-4	
Vinyl chloride	ND	ug/kg	14.7	1		12/02/10 19:34	75-01-4	
Xylene (Total)	ND	ug/kg	14.7	1		12/02/10 19:34	1330-20-7	
m&p-Xylene	ND	ug/kg	14.7	1		12/02/10 19:34	179601-23-1	
o-Xylene	ND	ug/kg	7.3	1		12/02/10 19:34	95-47-6	
Dibromofluoromethane (S)	106	%	70-130	1		12/02/10 19:34	1868-53-7	
Toluene-d8 (S)	104	%	70-130	1		12/02/10 19:34	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		12/02/10 19:34	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-132	1		12/02/10 19:34	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.4**	%	0.10	1		11/23/10 15:25		

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(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S27-6-7 **Lab ID: 9282618013** Collected: 11/19/10 11:25 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:28	7440-36-0	
Arsenic	**10.5**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:28	7440-38-2	
Beryllium	ND	mg/kg	0.086	1	11/29/10 13:20	11/30/10 16:28	7440-41-7	
Cadmium	ND	mg/kg	0.086	1	11/29/10 13:20	11/30/10 16:28	7440-43-9	
Chromium	**3.1**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:28	7440-47-3	
Copper	ND	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:28	7440-50-8	
Lead	**3.0**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:28	7439-92-1	
Nickel	**0.98**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:28	7440-02-0	
Selenium	ND	mg/kg	0.86	1	11/29/10 13:20	11/30/10 16:28	7782-49-2	
Silver	ND	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:28	7440-22-4	
Thallium	ND	mg/kg	0.86	1	11/29/10 13:20	11/30/10 16:28	7440-28-0	
Zinc	**1.0**	mg/kg	0.86	1	11/29/10 13:20	11/30/10 16:28	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.0054	1	12/02/10 15:00	12/03/10 13:11	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	83-32-9	
Acenaphthylene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	208-96-8	
Aniline	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	62-53-3	
Anthracene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	120-12-7	
Benzo(a)anthracene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	56-55-3	
Benzo(a)pyrene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	207-08-9	
Benzoic Acid	ND	ug/kg	1880	1	11/29/10 16:00	12/01/10 02:44	65-85-0	
Benzyl alcohol	ND	ug/kg	751	1	11/29/10 16:00	12/01/10 02:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	101-55-3	
Butylbenzylphthalate	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	751	1	11/29/10 16:00	12/01/10 02:44	59-50-7	
4-Chloroaniline	ND	ug/kg	1880	1	11/29/10 16:00	12/01/10 02:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	108-60-1	
2-Chloronaphthalene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	91-58-7	
2-Chlorophenol	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	7005-72-3	
Chrysene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	53-70-3	
Dibenzofuran	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1880	1	11/29/10 16:00	12/01/10 02:44	91-94-1	

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ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S27-6-7 **Lab ID: 9282618013** Collected: 11/19/10 11:25 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	120-83-2	
Diethylphthalate	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	105-67-9	
Dimethylphthalate	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	131-11-3	
Di-n-butylphthalate	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	751	1	11/29/10 16:00	12/01/10 02:44	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1880	1	11/29/10 16:00	12/01/10 02:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	606-20-2	
Di-n-octylphthalate	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	117-81-7	
Fluoranthene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	206-44-0	
Fluorene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	87-68-3	
Hexachlorobenzene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	77-47-4	
Hexachloroethane	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	193-39-5	
Isophorone	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	78-59-1	
1-Methylnaphthalene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	90-12-0	
2-Methylnaphthalene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44		
Naphthalene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	91-20-3	
2-Nitroaniline	ND	ug/kg	1880	1	11/29/10 16:00	12/01/10 02:44	88-74-4	
3-Nitroaniline	ND	ug/kg	1880	1	11/29/10 16:00	12/01/10 02:44	99-09-2	
4-Nitroaniline	ND	ug/kg	751	1	11/29/10 16:00	12/01/10 02:44	100-01-6	
Nitrobenzene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	98-95-3	
2-Nitrophenol	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	88-75-5	
4-Nitrophenol	ND	ug/kg	1880	1	11/29/10 16:00	12/01/10 02:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	86-30-6	
Pentachlorophenol	ND	ug/kg	1880	1	11/29/10 16:00	12/01/10 02:44	87-86-5	
Phenanthrene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	85-01-8	
Phenol	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	108-95-2	
Pyrene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	376	1	11/29/10 16:00	12/01/10 02:44	88-06-2	
Nitrobenzene-d5 (S)	42	%	23-110	1	11/29/10 16:00	12/01/10 02:44	4165-60-0	
2-Fluorobiphenyl (S)	48	%	30-110	1	11/29/10 16:00	12/01/10 02:44	321-60-8	
Terphenyl-d14 (S)	55	%	28-110	1	11/29/10 16:00	12/01/10 02:44	1718-51-0	
Phenol-d6 (S)	41	%	22-110	1	11/29/10 16:00	12/01/10 02:44	13127-88-3	
2-Fluorophenol (S)	40	%	13-110	1	11/29/10 16:00	12/01/10 02:44	367-12-4	
2,4,6-Tribromophenol (S)	63	%	27-110	1	11/29/10 16:00	12/01/10 02:44	118-79-6	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S27-6-7 **Lab ID: 9282618013** Collected: 11/19/10 11:25 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	96.4	1		12/02/10 19:52	67-64-1	
Benzene	ND	ug/kg	4.8	1		12/02/10 19:52	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1		12/02/10 19:52	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1		12/02/10 19:52	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1		12/02/10 19:52	75-27-4	
Bromoform	ND	ug/kg	4.8	1		12/02/10 19:52	75-25-2	
Bromomethane	ND	ug/kg	9.6	1		12/02/10 19:52	74-83-9	
2-Butanone (MEK)	ND	ug/kg	96.4	1		12/02/10 19:52	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1		12/02/10 19:52	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1		12/02/10 19:52	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1		12/02/10 19:52	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	1		12/02/10 19:52	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		12/02/10 19:52	108-90-7	
Chloroethane	ND	ug/kg	9.6	1		12/02/10 19:52	75-00-3	
Chloroform	ND	ug/kg	4.8	1		12/02/10 19:52	67-66-3	
Chloromethane	ND	ug/kg	9.6	1		12/02/10 19:52	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		12/02/10 19:52	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		12/02/10 19:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		12/02/10 19:52	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		12/02/10 19:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		12/02/10 19:52	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		12/02/10 19:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		12/02/10 19:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		12/02/10 19:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		12/02/10 19:52	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.6	1		12/02/10 19:52	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		12/02/10 19:52	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		12/02/10 19:52	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		12/02/10 19:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		12/02/10 19:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		12/02/10 19:52	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		12/02/10 19:52	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		12/02/10 19:52	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		12/02/10 19:52	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		12/02/10 19:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		12/02/10 19:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		12/02/10 19:52	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1		12/02/10 19:52	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1		12/02/10 19:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		12/02/10 19:52	87-68-3	
2-Hexanone	ND	ug/kg	48.2	1		12/02/10 19:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		12/02/10 19:52	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		12/02/10 19:52	99-87-6	
Methylene Chloride	ND	ug/kg	19.3	1		12/02/10 19:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.2	1		12/02/10 19:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		12/02/10 19:52	1634-04-4	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S27-6-7 **Lab ID: 9282618013** Collected: 11/19/10 11:25 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.8	1		12/02/10 19:52	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		12/02/10 19:52	103-65-1	
Styrene	ND	ug/kg	4.8	1		12/02/10 19:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/02/10 19:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/02/10 19:52	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		12/02/10 19:52	127-18-4	
Toluene	ND	ug/kg	4.8	1		12/02/10 19:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		12/02/10 19:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		12/02/10 19:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		12/02/10 19:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		12/02/10 19:52	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		12/02/10 19:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		12/02/10 19:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		12/02/10 19:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		12/02/10 19:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		12/02/10 19:52	108-67-8	
Vinyl acetate	ND	ug/kg	48.2	1		12/02/10 19:52	108-05-4	
Vinyl chloride	ND	ug/kg	9.6	1		12/02/10 19:52	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	1		12/02/10 19:52	1330-20-7	
m&p-Xylene	ND	ug/kg	9.6	1		12/02/10 19:52	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1		12/02/10 19:52	95-47-6	
Dibromofluoromethane (S)	104	%	70-130	1		12/02/10 19:52	1868-53-7	
Toluene-d8 (S)	104	%	70-130	1		12/02/10 19:52	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1		12/02/10 19:52	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-132	1		12/02/10 19:52	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.0**	%	0.10	1		11/23/10 15:25		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S28-1-2 **Lab ID: 9282618014** Collected: 11/19/10 11:35 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.45	1	11/29/10 13:20	11/30/10 16:33	7440-36-0	
Arsenic	**0.68**	mg/kg	0.45	1	11/29/10 13:20	11/30/10 16:33	7440-38-2	
Beryllium	ND	mg/kg	0.091	1	11/29/10 13:20	11/30/10 16:33	7440-41-7	
Cadmium	**0.17**	mg/kg	0.091	1	11/29/10 13:20	11/30/10 16:33	7440-43-9	
Chromium	**2.6**	mg/kg	0.45	1	11/29/10 13:20	11/30/10 16:33	7440-47-3	
Copper	**3.5**	mg/kg	0.45	1	11/29/10 13:20	11/30/10 16:33	7440-50-8	
Lead	**24.9**	mg/kg	0.45	1	11/29/10 13:20	11/30/10 16:33	7439-92-1	
Nickel	**0.98**	mg/kg	0.45	1	11/29/10 13:20	11/30/10 16:33	7440-02-0	
Selenium	ND	mg/kg	0.91	1	11/29/10 13:20	11/30/10 16:33	7782-49-2	
Silver	ND	mg/kg	0.45	1	11/29/10 13:20	11/30/10 16:33	7440-22-4	
Thallium	ND	mg/kg	0.91	1	11/29/10 13:20	11/30/10 16:33	7440-28-0	
Zinc	**49.4**	mg/kg	0.91	1	11/29/10 13:20	11/30/10 16:33	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.090**	mg/kg	0.0036	1	12/02/10 15:00	12/03/10 13:14	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	83-32-9	
Acenaphthylene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	208-96-8	
Aniline	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	62-53-3	
Anthracene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	120-12-7	
Benzo(a)anthracene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	56-55-3	
Benzo(a)pyrene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	207-08-9	
Benzoic Acid	ND	ug/kg	1760	1	01/29/10 16:00	12/01/10 03:12	65-85-0	
Benzyl alcohol	ND	ug/kg	705	1	01/29/10 16:00	12/01/10 03:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	101-55-3	
Butylbenzylphthalate	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	705	1	01/29/10 16:00	12/01/10 03:12	59-50-7	
4-Chloroaniline	ND	ug/kg	1760	1	01/29/10 16:00	12/01/10 03:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	108-60-1	
2-Chloronaphthalene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	91-58-7	
2-Chlorophenol	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	7005-72-3	
Chrysene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	53-70-3	
Dibenzofuran	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1760	1	01/29/10 16:00	12/01/10 03:12	91-94-1	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S28-1-2 **Lab ID: 9282618014** Collected: 11/19/10 11:35 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	120-83-2	
Diethylphthalate	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	105-67-9	
Dimethylphthalate	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	131-11-3	
Di-n-butylphthalate	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	705	1	01/29/10 16:00	12/01/10 03:12	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1760	1	01/29/10 16:00	12/01/10 03:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	606-20-2	
Di-n-octylphthalate	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	117-81-7	
Fluoranthene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	206-44-0	
Fluorene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	87-68-3	
Hexachlorobenzene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	77-47-4	
Hexachloroethane	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	193-39-5	
Isophorone	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	78-59-1	
1-Methylnaphthalene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	90-12-0	
2-Methylnaphthalene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12		
Naphthalene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	91-20-3	
2-Nitroaniline	ND	ug/kg	1760	1	01/29/10 16:00	12/01/10 03:12	88-74-4	
3-Nitroaniline	ND	ug/kg	1760	1	01/29/10 16:00	12/01/10 03:12	99-09-2	
4-Nitroaniline	ND	ug/kg	705	1	01/29/10 16:00	12/01/10 03:12	100-01-6	
Nitrobenzene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	98-95-3	
2-Nitrophenol	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	88-75-5	
4-Nitrophenol	ND	ug/kg	1760	1	01/29/10 16:00	12/01/10 03:12	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	86-30-6	
Pentachlorophenol	ND	ug/kg	1760	1	01/29/10 16:00	12/01/10 03:12	87-86-5	
Phenanthrene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	85-01-8	
Phenol	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	108-95-2	
Pyrene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	353	1	01/29/10 16:00	12/01/10 03:12	88-06-2	
Nitrobenzene-d5 (S)	61	%	23-110	1	01/29/10 16:00	12/01/10 03:12	4165-60-0	
2-Fluorobiphenyl (S)	74	%	30-110	1	01/29/10 16:00	12/01/10 03:12	321-60-8	
Terphenyl-d14 (S)	70	%	28-110	1	01/29/10 16:00	12/01/10 03:12	1718-51-0	
Phenol-d6 (S)	61	%	22-110	1	01/29/10 16:00	12/01/10 03:12	13127-88-3	
2-Fluorophenol (S)	55	%	13-110	1	01/29/10 16:00	12/01/10 03:12	367-12-4	
2,4,6-Tribromophenol (S)	81	%	27-110	1	01/29/10 16:00	12/01/10 03:12	118-79-6	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S28-1-2 **Lab ID: 9282618014** Collected: 11/19/10 11:35 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	120	1		12/02/10 20:11	67-64-1	
Benzene	ND	ug/kg	6.0	1		12/02/10 20:11	71-43-2	
Bromobenzene	ND	ug/kg	6.0	1		12/02/10 20:11	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1		12/02/10 20:11	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	1		12/02/10 20:11	75-27-4	
Bromoform	ND	ug/kg	6.0	1		12/02/10 20:11	75-25-2	
Bromomethane	ND	ug/kg	12.0	1		12/02/10 20:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	120	1		12/02/10 20:11	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	1		12/02/10 20:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1		12/02/10 20:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	1		12/02/10 20:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.0	1		12/02/10 20:11	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1		12/02/10 20:11	108-90-7	
Chloroethane	ND	ug/kg	12.0	1		12/02/10 20:11	75-00-3	
Chloroform	ND	ug/kg	6.0	1		12/02/10 20:11	67-66-3	
Chloromethane	ND	ug/kg	12.0	1		12/02/10 20:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	1		12/02/10 20:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1		12/02/10 20:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	1		12/02/10 20:11	96-12-8	
Dibromochloromethane	ND	ug/kg	6.0	1		12/02/10 20:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1		12/02/10 20:11	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1		12/02/10 20:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	1		12/02/10 20:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1		12/02/10 20:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1		12/02/10 20:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.0	1		12/02/10 20:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1		12/02/10 20:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	1		12/02/10 20:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	1		12/02/10 20:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1		12/02/10 20:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1		12/02/10 20:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1		12/02/10 20:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1		12/02/10 20:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	1		12/02/10 20:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1		12/02/10 20:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1		12/02/10 20:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1		12/02/10 20:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.0	1		12/02/10 20:11	108-20-3	
Ethylbenzene	ND	ug/kg	6.0	1		12/02/10 20:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	1		12/02/10 20:11	87-68-3	
2-Hexanone	ND	ug/kg	60.0	1		12/02/10 20:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		12/02/10 20:11	98-82-8	
p-Isopropyltoluene	**28.6**	ug/kg	6.0	1		12/02/10 20:11	99-87-6	
Methylene Chloride	ND	ug/kg	24.0	1		12/02/10 20:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.0	1		12/02/10 20:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		12/02/10 20:11	1634-04-4	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S28-1-2 **Lab ID: 9282618014** Collected: 11/19/10 11:35 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	6.0	1		12/02/10 20:11	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	1		12/02/10 20:11	103-65-1	
Styrene	ND	ug/kg	6.0	1		12/02/10 20:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	1		12/02/10 20:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1		12/02/10 20:11	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1		12/02/10 20:11	127-18-4	
Toluene	ND	ug/kg	6.0	1		12/02/10 20:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	1		12/02/10 20:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1		12/02/10 20:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	1		12/02/10 20:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	1		12/02/10 20:11	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1		12/02/10 20:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	1		12/02/10 20:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1		12/02/10 20:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1		12/02/10 20:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1		12/02/10 20:11	108-67-8	
Vinyl acetate	ND	ug/kg	60.0	1		12/02/10 20:11	108-05-4	
Vinyl chloride	ND	ug/kg	12.0	1		12/02/10 20:11	75-01-4	
Xylene (Total)	ND	ug/kg	12.0	1		12/02/10 20:11	1330-20-7	
m&p-Xylene	ND	ug/kg	12.0	1		12/02/10 20:11	179601-23-1	
o-Xylene	ND	ug/kg	6.0	1		12/02/10 20:11	95-47-6	
Dibromofluoromethane (S)	105	%	70-130	1		12/02/10 20:11	1868-53-7	
Toluene-d8 (S)	103	%	70-130	1		12/02/10 20:11	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		12/02/10 20:11	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-132	1		12/02/10 20:11	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.0**	%	0.10	1		11/23/10 15:25		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S28-5-6 **Lab ID: 9282618015** Collected: 11/19/10 11:45 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:36	7440-36-0	
Arsenic	**0.73**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:36	7440-38-2	
Beryllium	ND	mg/kg	0.087	1	11/29/10 13:20	11/30/10 16:36	7440-41-7	
Cadmium	ND	mg/kg	0.087	1	11/29/10 13:20	11/30/10 16:36	7440-43-9	
Chromium	**5.2**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:36	7440-47-3	
Copper	**1.2**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:36	7440-50-8	
Lead	**3.1**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:36	7439-92-1	
Nickel	**1.0**	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:36	7440-02-0	
Selenium	ND	mg/kg	0.87	1	11/29/10 13:20	11/30/10 16:36	7782-49-2	
Silver	ND	mg/kg	0.43	1	11/29/10 13:20	11/30/10 16:36	7440-22-4	
Thallium	ND	mg/kg	0.87	1	11/29/10 13:20	11/30/10 16:36	7440-28-0	
Zinc	**5.6**	mg/kg	0.87	1	11/29/10 13:20	11/30/10 16:36	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.011**	mg/kg	0.0041	1	12/02/10 15:00	12/03/10 13:17	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	83-32-9	
Acenaphthylene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	208-96-8	
Aniline	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	62-53-3	
Anthracene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	120-12-7	
Benzo(a)anthracene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	56-55-3	
Benzo(a)pyrene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	207-08-9	
Benzoic Acid	ND	ug/kg	1740	1	01/29/10 16:00	12/01/10 03:40	65-85-0	
Benzyl alcohol	ND	ug/kg	697	1	01/29/10 16:00	12/01/10 03:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	101-55-3	
Butylbenzylphthalate	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	697	1	01/29/10 16:00	12/01/10 03:40	59-50-7	
4-Chloroaniline	ND	ug/kg	1740	1	01/29/10 16:00	12/01/10 03:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	108-60-1	
2-Chloronaphthalene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	91-58-7	
2-Chlorophenol	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	7005-72-3	
Chrysene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	53-70-3	
Dibenzofuran	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1740	1	01/29/10 16:00	12/01/10 03:40	91-94-1	

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S28-5-6 **Lab ID: 9282618015** Collected: 11/19/10 11:45 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	120-83-2	
Diethylphthalate	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	105-67-9	
Dimethylphthalate	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	131-11-3	
Di-n-butylphthalate	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	697	1	01/29/10 16:00	12/01/10 03:40	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1740	1	01/29/10 16:00	12/01/10 03:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	606-20-2	
Di-n-octylphthalate	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	117-81-7	
Fluoranthene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	206-44-0	
Fluorene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	87-68-3	
Hexachlorobenzene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	77-47-4	
Hexachloroethane	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	193-39-5	
Isophorone	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	78-59-1	
1-Methylnaphthalene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	90-12-0	
2-Methylnaphthalene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40		
Naphthalene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	91-20-3	
2-Nitroaniline	ND	ug/kg	1740	1	01/29/10 16:00	12/01/10 03:40	88-74-4	
3-Nitroaniline	ND	ug/kg	1740	1	01/29/10 16:00	12/01/10 03:40	99-09-2	
4-Nitroaniline	ND	ug/kg	697	1	01/29/10 16:00	12/01/10 03:40	100-01-6	
Nitrobenzene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	98-95-3	
2-Nitrophenol	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	88-75-5	
4-Nitrophenol	ND	ug/kg	1740	1	01/29/10 16:00	12/01/10 03:40	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	86-30-6	
Pentachlorophenol	ND	ug/kg	1740	1	01/29/10 16:00	12/01/10 03:40	87-86-5	
Phenanthrene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	85-01-8	
Phenol	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	108-95-2	
Pyrene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	349	1	01/29/10 16:00	12/01/10 03:40	88-06-2	
Nitrobenzene-d5 (S)	53	%	23-110	1	01/29/10 16:00	12/01/10 03:40	4165-60-0	
2-Fluorobiphenyl (S)	67	%	30-110	1	01/29/10 16:00	12/01/10 03:40	321-60-8	
Terphenyl-d14 (S)	62	%	28-110	1	01/29/10 16:00	12/01/10 03:40	1718-51-0	
Phenol-d6 (S)	53	%	22-110	1	01/29/10 16:00	12/01/10 03:40	13127-88-3	
2-Fluorophenol (S)	46	%	13-110	1	01/29/10 16:00	12/01/10 03:40	367-12-4	
2,4,6-Tribromophenol (S)	81	%	27-110	1	01/29/10 16:00	12/01/10 03:40	118-79-6	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S28-5-6 **Lab ID: 9282618015** Collected: 11/19/10 11:45 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	76.3	1		12/02/10 20:29	67-64-1	
Benzene	ND	ug/kg	3.8	1		12/02/10 20:29	71-43-2	
Bromobenzene	ND	ug/kg	3.8	1		12/02/10 20:29	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	1		12/02/10 20:29	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1		12/02/10 20:29	75-27-4	
Bromoform	ND	ug/kg	3.8	1		12/02/10 20:29	75-25-2	
Bromomethane	ND	ug/kg	7.6	1		12/02/10 20:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	76.3	1		12/02/10 20:29	78-93-3	
n-Butylbenzene	ND	ug/kg	3.8	1		12/02/10 20:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.8	1		12/02/10 20:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.8	1		12/02/10 20:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.8	1		12/02/10 20:29	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1		12/02/10 20:29	108-90-7	
Chloroethane	ND	ug/kg	7.6	1		12/02/10 20:29	75-00-3	
Chloroform	ND	ug/kg	3.8	1		12/02/10 20:29	67-66-3	
Chloromethane	ND	ug/kg	7.6	1		12/02/10 20:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.8	1		12/02/10 20:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.8	1		12/02/10 20:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.8	1		12/02/10 20:29	96-12-8	
Dibromochloromethane	ND	ug/kg	3.8	1		12/02/10 20:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1		12/02/10 20:29	106-93-4	
Dibromomethane	ND	ug/kg	3.8	1		12/02/10 20:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.8	1		12/02/10 20:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1		12/02/10 20:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1		12/02/10 20:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.6	1		12/02/10 20:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.8	1		12/02/10 20:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1		12/02/10 20:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.8	1		12/02/10 20:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1		12/02/10 20:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1		12/02/10 20:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1		12/02/10 20:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.8	1		12/02/10 20:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.8	1		12/02/10 20:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.8	1		12/02/10 20:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1		12/02/10 20:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1		12/02/10 20:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	3.8	1		12/02/10 20:29	108-20-3	
Ethylbenzene	ND	ug/kg	3.8	1		12/02/10 20:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	1		12/02/10 20:29	87-68-3	
2-Hexanone	ND	ug/kg	38.1	1		12/02/10 20:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1		12/02/10 20:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.8	1		12/02/10 20:29	99-87-6	
Methylene Chloride	ND	ug/kg	15.3	1		12/02/10 20:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	38.1	1		12/02/10 20:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1		12/02/10 20:29	1634-04-4	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S28-5-6 **Lab ID: 9282618015** Collected: 11/19/10 11:45 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	3.8	1		12/02/10 20:29	91-20-3	
n-Propylbenzene	ND	ug/kg	3.8	1		12/02/10 20:29	103-65-1	
Styrene	ND	ug/kg	3.8	1		12/02/10 20:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	1		12/02/10 20:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1		12/02/10 20:29	79-34-5	
Tetrachloroethene	ND	ug/kg	3.8	1		12/02/10 20:29	127-18-4	
Toluene	ND	ug/kg	3.8	1		12/02/10 20:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1		12/02/10 20:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1		12/02/10 20:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1		12/02/10 20:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1		12/02/10 20:29	79-00-5	
Trichloroethene	ND	ug/kg	3.8	1		12/02/10 20:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1		12/02/10 20:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.8	1		12/02/10 20:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	1		12/02/10 20:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	1		12/02/10 20:29	108-67-8	
Vinyl acetate	ND	ug/kg	38.1	1		12/02/10 20:29	108-05-4	
Vinyl chloride	ND	ug/kg	7.6	1		12/02/10 20:29	75-01-4	
Xylene (Total)	ND	ug/kg	7.6	1		12/02/10 20:29	1330-20-7	
m&p-Xylene	ND	ug/kg	7.6	1		12/02/10 20:29	179601-23-1	
o-Xylene	ND	ug/kg	3.8	1		12/02/10 20:29	95-47-6	
Dibromofluoromethane (S)	108	%	70-130	1		12/02/10 20:29	1868-53-7	
Toluene-d8 (S)	104	%	70-130	1		12/02/10 20:29	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		12/02/10 20:29	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-132	1		12/02/10 20:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.9**	%	0.10	1		11/23/10 15:25		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S29-3-4 **Lab ID: 9282618016** Collected: 11/19/10 12:05 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.54	1	11/29/10 13:20	11/30/10 16:40	7440-36-0	
Arsenic	**1.3**	mg/kg	0.54	1	11/29/10 13:20	11/30/10 16:40	7440-38-2	
Beryllium	ND	mg/kg	0.11	1	11/29/10 13:20	11/30/10 16:40	7440-41-7	
Cadmium	ND	mg/kg	0.11	1	11/29/10 13:20	11/30/10 16:40	7440-43-9	
Chromium	**2.8**	mg/kg	0.54	1	11/29/10 13:20	11/30/10 16:40	7440-47-3	
Copper	**3.4**	mg/kg	0.54	1	11/29/10 13:20	11/30/10 16:40	7440-50-8	
Lead	**15.7**	mg/kg	0.54	1	11/29/10 13:20	11/30/10 16:40	7439-92-1	
Nickel	**0.87**	mg/kg	0.54	1	11/29/10 13:20	11/30/10 16:40	7440-02-0	
Selenium	ND	mg/kg	1.1	1	11/29/10 13:20	11/30/10 16:40	7782-49-2	
Silver	ND	mg/kg	0.54	1	11/29/10 13:20	11/30/10 16:40	7440-22-4	
Thallium	ND	mg/kg	1.1	1	11/29/10 13:20	11/30/10 16:40	7440-28-0	
Zinc	**15.1**	mg/kg	1.1	1	11/29/10 13:20	11/30/10 16:40	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.051**	mg/kg	0.0045	1	12/02/10 15:00	12/03/10 13:19	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	83-32-9	
Acenaphthylene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	208-96-8	
Aniline	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	62-53-3	
Anthracene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	120-12-7	
Benzo(a)anthracene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	56-55-3	
Benzo(a)pyrene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	207-08-9	
Benzoic Acid	ND	ug/kg	1820	1	01/29/10 16:00	12/01/10 14:24	65-85-0	
Benzyl alcohol	ND	ug/kg	727	1	01/29/10 16:00	12/01/10 14:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	101-55-3	
Butylbenzylphthalate	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	727	1	01/29/10 16:00	12/01/10 14:24	59-50-7	
4-Chloroaniline	ND	ug/kg	1820	1	01/29/10 16:00	12/01/10 14:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	108-60-1	
2-Chloronaphthalene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	91-58-7	
2-Chlorophenol	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	7005-72-3	
Chrysene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	53-70-3	
Dibenzofuran	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1820	1	01/29/10 16:00	12/01/10 14:24	91-94-1	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S29-3-4 **Lab ID: 9282618016** Collected: 11/19/10 12:05 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	120-83-2	
Diethylphthalate	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	105-67-9	
Dimethylphthalate	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	131-11-3	
Di-n-butylphthalate	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	727	1	01/29/10 16:00	12/01/10 14:24	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1820	1	01/29/10 16:00	12/01/10 14:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	606-20-2	
Di-n-octylphthalate	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	117-81-7	
Fluoranthene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	206-44-0	
Fluorene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	87-68-3	
Hexachlorobenzene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	77-47-4	
Hexachloroethane	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	193-39-5	
Isophorone	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	78-59-1	
1-Methylnaphthalene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	90-12-0	
2-Methylnaphthalene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24		
Naphthalene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	91-20-3	
2-Nitroaniline	ND	ug/kg	1820	1	01/29/10 16:00	12/01/10 14:24	88-74-4	
3-Nitroaniline	ND	ug/kg	1820	1	01/29/10 16:00	12/01/10 14:24	99-09-2	
4-Nitroaniline	ND	ug/kg	727	1	01/29/10 16:00	12/01/10 14:24	100-01-6	
Nitrobenzene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	98-95-3	
2-Nitrophenol	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	88-75-5	
4-Nitrophenol	ND	ug/kg	1820	1	01/29/10 16:00	12/01/10 14:24	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	86-30-6	
Pentachlorophenol	ND	ug/kg	1820	1	01/29/10 16:00	12/01/10 14:24	87-86-5	
Phenanthrene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	85-01-8	
Phenol	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	108-95-2	
Pyrene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	363	1	01/29/10 16:00	12/01/10 14:24	88-06-2	
Nitrobenzene-d5 (S)	38	%	23-110	1	01/29/10 16:00	12/01/10 14:24	4165-60-0	
2-Fluorobiphenyl (S)	50	%	30-110	1	01/29/10 16:00	12/01/10 14:24	321-60-8	
Terphenyl-d14 (S)	57	%	28-110	1	01/29/10 16:00	12/01/10 14:24	1718-51-0	
Phenol-d6 (S)	39	%	22-110	1	01/29/10 16:00	12/01/10 14:24	13127-88-3	
2-Fluorophenol (S)	35	%	13-110	1	01/29/10 16:00	12/01/10 14:24	367-12-4	
2,4,6-Tribromophenol (S)	69	%	27-110	1	01/29/10 16:00	12/01/10 14:24	118-79-6	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S29-3-4 **Lab ID: 9282618016** Collected: 11/19/10 12:05 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	103	1		12/02/10 20:47	67-64-1	
Benzene	ND	ug/kg	5.2	1		12/02/10 20:47	71-43-2	
Bromobenzene	ND	ug/kg	5.2	1		12/02/10 20:47	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	1		12/02/10 20:47	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	1		12/02/10 20:47	75-27-4	
Bromoform	ND	ug/kg	5.2	1		12/02/10 20:47	75-25-2	
Bromomethane	ND	ug/kg	10.3	1		12/02/10 20:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	103	1		12/02/10 20:47	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		12/02/10 20:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		12/02/10 20:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.2	1		12/02/10 20:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.2	1		12/02/10 20:47	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		12/02/10 20:47	108-90-7	
Chloroethane	ND	ug/kg	10.3	1		12/02/10 20:47	75-00-3	
Chloroform	ND	ug/kg	5.2	1		12/02/10 20:47	67-66-3	
Chloromethane	ND	ug/kg	10.3	1		12/02/10 20:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.2	1		12/02/10 20:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.2	1		12/02/10 20:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.2	1		12/02/10 20:47	96-12-8	
Dibromochloromethane	ND	ug/kg	5.2	1		12/02/10 20:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	1		12/02/10 20:47	106-93-4	
Dibromomethane	ND	ug/kg	5.2	1		12/02/10 20:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		12/02/10 20:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		12/02/10 20:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		12/02/10 20:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.3	1		12/02/10 20:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.2	1		12/02/10 20:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		12/02/10 20:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.2	1		12/02/10 20:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		12/02/10 20:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		12/02/10 20:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		12/02/10 20:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.2	1		12/02/10 20:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.2	1		12/02/10 20:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.2	1		12/02/10 20:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		12/02/10 20:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		12/02/10 20:47	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.2	1		12/02/10 20:47	108-20-3	
Ethylbenzene	ND	ug/kg	5.2	1		12/02/10 20:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	1		12/02/10 20:47	87-68-3	
2-Hexanone	ND	ug/kg	51.7	1		12/02/10 20:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		12/02/10 20:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		12/02/10 20:47	99-87-6	
Methylene Chloride	ND	ug/kg	20.7	1		12/02/10 20:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.7	1		12/02/10 20:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		12/02/10 20:47	1634-04-4	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S29-3-4 **Lab ID: 9282618016** Collected: 11/19/10 12:05 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	5.2	1		12/02/10 20:47	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		12/02/10 20:47	103-65-1	
Styrene	ND	ug/kg	5.2	1		12/02/10 20:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	1		12/02/10 20:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		12/02/10 20:47	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		12/02/10 20:47	127-18-4	
Toluene	ND	ug/kg	5.2	1		12/02/10 20:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	1		12/02/10 20:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	1		12/02/10 20:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		12/02/10 20:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		12/02/10 20:47	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		12/02/10 20:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.2	1		12/02/10 20:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.2	1		12/02/10 20:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		12/02/10 20:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		12/02/10 20:47	108-67-8	
Vinyl acetate	ND	ug/kg	51.7	1		12/02/10 20:47	108-05-4	
Vinyl chloride	ND	ug/kg	10.3	1		12/02/10 20:47	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	1		12/02/10 20:47	1330-20-7	
m&p-Xylene	ND	ug/kg	10.3	1		12/02/10 20:47	179601-23-1	
o-Xylene	ND	ug/kg	5.2	1		12/02/10 20:47	95-47-6	
Dibromofluoromethane (S)	111	%	70-130	1		12/02/10 20:47	1868-53-7	
Toluene-d8 (S)	104	%	70-130	1		12/02/10 20:47	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		12/02/10 20:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-132	1		12/02/10 20:47	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.2**	%	0.10	1		11/23/10 15:26		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S29-5-6 **Lab ID: 9282618017** Collected: 11/19/10 12:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.29	1	11/29/10 13:20	11/30/10 16:43	7440-36-0	
Arsenic	**0.71**	mg/kg	0.29	1	11/29/10 13:20	11/30/10 16:43	7440-38-2	
Beryllium	ND	mg/kg	0.058	1	11/29/10 13:20	11/30/10 16:43	7440-41-7	
Cadmium	ND	mg/kg	0.058	1	11/29/10 13:20	11/30/10 16:43	7440-43-9	
Chromium	**5.9**	mg/kg	0.29	1	11/29/10 13:20	11/30/10 16:43	7440-47-3	
Copper	**1.4**	mg/kg	0.29	1	11/29/10 13:20	11/30/10 16:43	7440-50-8	
Lead	**10.8**	mg/kg	0.29	1	11/29/10 13:20	11/30/10 16:43	7439-92-1	
Nickel	**0.91**	mg/kg	0.29	1	11/29/10 13:20	11/30/10 16:43	7440-02-0	
Selenium	ND	mg/kg	0.58	1	11/29/10 13:20	11/30/10 16:43	7782-49-2	
Silver	ND	mg/kg	0.29	1	11/29/10 13:20	11/30/10 16:43	7440-22-4	
Thallium	ND	mg/kg	0.58	1	11/29/10 13:20	11/30/10 16:43	7440-28-0	
Zinc	**7.6**	mg/kg	0.58	1	11/29/10 13:20	11/30/10 16:43	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.019**	mg/kg	0.0046	1	12/02/10 15:00	12/03/10 13:22	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	83-32-9	
Acenaphthylene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	208-96-8	
Aniline	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	62-53-3	
Anthracene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	120-12-7	
Benzo(a)anthracene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	56-55-3	
Benzo(a)pyrene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	207-08-9	
Benzoic Acid	ND	ug/kg	1770	1	11/30/10 14:00	12/02/10 16:54	65-85-0	
Benzyl alcohol	ND	ug/kg	710	1	11/30/10 14:00	12/02/10 16:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	101-55-3	
Butylbenzylphthalate	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	710	1	11/30/10 14:00	12/02/10 16:54	59-50-7	
4-Chloroaniline	ND	ug/kg	1770	1	11/30/10 14:00	12/02/10 16:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	108-60-1	
2-Chloronaphthalene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	91-58-7	
2-Chlorophenol	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	7005-72-3	
Chrysene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	53-70-3	
Dibenzofuran	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1770	1	11/30/10 14:00	12/02/10 16:54	91-94-1	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S29-5-6 **Lab ID: 9282618017** Collected: 11/19/10 12:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	120-83-2	
Diethylphthalate	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	105-67-9	
Dimethylphthalate	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	131-11-3	
Di-n-butylphthalate	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	710	1	11/30/10 14:00	12/02/10 16:54	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1770	1	11/30/10 14:00	12/02/10 16:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	606-20-2	
Di-n-octylphthalate	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	117-81-7	
Fluoranthene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	206-44-0	
Fluorene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	87-68-3	
Hexachlorobenzene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	77-47-4	
Hexachloroethane	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	193-39-5	
Isophorone	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	78-59-1	
1-Methylnaphthalene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	90-12-0	
2-Methylnaphthalene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54		
Naphthalene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	91-20-3	
2-Nitroaniline	ND	ug/kg	1770	1	11/30/10 14:00	12/02/10 16:54	88-74-4	
3-Nitroaniline	ND	ug/kg	1770	1	11/30/10 14:00	12/02/10 16:54	99-09-2	
4-Nitroaniline	ND	ug/kg	710	1	11/30/10 14:00	12/02/10 16:54	100-01-6	
Nitrobenzene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	98-95-3	
2-Nitrophenol	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	88-75-5	
4-Nitrophenol	ND	ug/kg	1770	1	11/30/10 14:00	12/02/10 16:54	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	86-30-6	
Pentachlorophenol	ND	ug/kg	1770	1	11/30/10 14:00	12/02/10 16:54	87-86-5	
Phenanthrene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	85-01-8	
Phenol	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	108-95-2	
Pyrene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	355	1	11/30/10 14:00	12/02/10 16:54	88-06-2	
Nitrobenzene-d5 (S)	60	%	23-110	1	11/30/10 14:00	12/02/10 16:54	4165-60-0	
2-Fluorobiphenyl (S)	72	%	30-110	1	11/30/10 14:00	12/02/10 16:54	321-60-8	
Terphenyl-d14 (S)	68	%	28-110	1	11/30/10 14:00	12/02/10 16:54	1718-51-0	
Phenol-d6 (S)	59	%	22-110	1	11/30/10 14:00	12/02/10 16:54	13127-88-3	
2-Fluorophenol (S)	54	%	13-110	1	11/30/10 14:00	12/02/10 16:54	367-12-4	
2,4,6-Tribromophenol (S)	84	%	27-110	1	11/30/10 14:00	12/02/10 16:54	118-79-6	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S29-5-6 **Lab ID: 9282618017** Collected: 11/19/10 12:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	122	1		12/02/10 17:45	67-64-1	
Benzene	ND	ug/kg	6.1	1		12/02/10 17:45	71-43-2	
Bromobenzene	ND	ug/kg	6.1	1		12/02/10 17:45	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	1		12/02/10 17:45	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	1		12/02/10 17:45	75-27-4	
Bromoform	ND	ug/kg	6.1	1		12/02/10 17:45	75-25-2	
Bromomethane	ND	ug/kg	12.2	1		12/02/10 17:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	122	1		12/02/10 17:45	78-93-3	
n-Butylbenzene	ND	ug/kg	6.1	1		12/02/10 17:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.1	1		12/02/10 17:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	1		12/02/10 17:45	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.1	1		12/02/10 17:45	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	1		12/02/10 17:45	108-90-7	
Chloroethane	ND	ug/kg	12.2	1		12/02/10 17:45	75-00-3	
Chloroform	ND	ug/kg	6.1	1		12/02/10 17:45	67-66-3	
Chloromethane	ND	ug/kg	12.2	1		12/02/10 17:45	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.1	1		12/02/10 17:45	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	1		12/02/10 17:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	1		12/02/10 17:45	96-12-8	
Dibromochloromethane	ND	ug/kg	6.1	1		12/02/10 17:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	1		12/02/10 17:45	106-93-4	
Dibromomethane	ND	ug/kg	6.1	1		12/02/10 17:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	1		12/02/10 17:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	1		12/02/10 17:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	1		12/02/10 17:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.2	1		12/02/10 17:45	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1		12/02/10 17:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	1		12/02/10 17:45	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.1	1		12/02/10 17:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1		12/02/10 17:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	1		12/02/10 17:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	1		12/02/10 17:45	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	1		12/02/10 17:45	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	1		12/02/10 17:45	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.1	1		12/02/10 17:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	1		12/02/10 17:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1		12/02/10 17:45	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.1	1		12/02/10 17:45	108-20-3	
Ethylbenzene	ND	ug/kg	6.1	1		12/02/10 17:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	1		12/02/10 17:45	87-68-3	
2-Hexanone	ND	ug/kg	61.1	1		12/02/10 17:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	1		12/02/10 17:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.1	1		12/02/10 17:45	99-87-6	
Methylene Chloride	ND	ug/kg	24.4	1		12/02/10 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	61.1	1		12/02/10 17:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1		12/02/10 17:45	1634-04-4	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S29-5-6 **Lab ID: 9282618017** Collected: 11/19/10 12:10 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	6.1	1		12/02/10 17:45	91-20-3	
n-Propylbenzene	ND	ug/kg	6.1	1		12/02/10 17:45	103-65-1	
Styrene	ND	ug/kg	6.1	1		12/02/10 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	1		12/02/10 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	1		12/02/10 17:45	79-34-5	
Tetrachloroethene	ND	ug/kg	6.1	1		12/02/10 17:45	127-18-4	
Toluene	ND	ug/kg	6.1	1		12/02/10 17:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	1		12/02/10 17:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	1		12/02/10 17:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.1	1		12/02/10 17:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.1	1		12/02/10 17:45	79-00-5	
Trichloroethene	ND	ug/kg	6.1	1		12/02/10 17:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	1		12/02/10 17:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	1		12/02/10 17:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	1		12/02/10 17:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	1		12/02/10 17:45	108-67-8	
Vinyl acetate	ND	ug/kg	61.1	1		12/02/10 17:45	108-05-4	
Vinyl chloride	ND	ug/kg	12.2	1		12/02/10 17:45	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	1		12/02/10 17:45	1330-20-7	
m&p-Xylene	ND	ug/kg	12.2	1		12/02/10 17:45	179601-23-1	
o-Xylene	ND	ug/kg	6.1	1		12/02/10 17:45	95-47-6	
Dibromofluoromethane (S)	107	%	70-130	1		12/02/10 17:45	1868-53-7	
Toluene-d8 (S)	92	%	70-130	1		12/02/10 17:45	2037-26-5	
4-Bromofluorobenzene (S)	77	%	70-130	1		12/02/10 17:45	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-132	1		12/02/10 17:45	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.0**	%	0.10	1		11/23/10 15:26		

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S30-2-3 **Lab ID: 9282618018** Collected: 11/19/10 12:16 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	**0.87**	mg/kg	0.36	1	11/29/10 13:20	11/30/10 16:47	7440-36-0	
Arsenic	**1.2**	mg/kg	0.36	1	11/29/10 13:20	11/30/10 16:47	7440-38-2	
Beryllium	ND	mg/kg	0.073	1	11/29/10 13:20	11/30/10 16:47	7440-41-7	
Cadmium	**0.85**	mg/kg	0.073	1	11/29/10 13:20	11/30/10 16:47	7440-43-9	
Chromium	**4.3**	mg/kg	0.36	1	11/29/10 13:20	11/30/10 16:47	7440-47-3	
Copper	**21.5**	mg/kg	0.36	1	11/29/10 13:20	11/30/10 16:47	7440-50-8	
Lead	**92.3**	mg/kg	0.36	1	11/29/10 13:20	11/30/10 16:47	7439-92-1	
Nickel	**1.2**	mg/kg	0.36	1	11/29/10 13:20	11/30/10 16:47	7440-02-0	
Selenium	ND	mg/kg	0.73	1	11/29/10 13:20	11/30/10 16:47	7782-49-2	
Silver	**0.56**	mg/kg	0.36	1	11/29/10 13:20	11/30/10 16:47	7440-22-4	
Thallium	ND	mg/kg	0.73	1	11/29/10 13:20	11/30/10 16:47	7440-28-0	
Zinc	**191**	mg/kg	0.73	1	11/29/10 13:20	11/30/10 16:47	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.047**	mg/kg	0.0044	1	12/02/10 15:00	12/03/10 13:30	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	83-32-9	
Acenaphthylene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	208-96-8	
Aniline	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	62-53-3	
Anthracene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	120-12-7	
Benzo(a)anthracene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	56-55-3	
Benzo(a)pyrene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	207-08-9	
Benzoic Acid	ND	ug/kg	1790	1	11/30/10 14:00	12/02/10 17:23	65-85-0	
Benzyl alcohol	ND	ug/kg	717	1	11/30/10 14:00	12/02/10 17:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	101-55-3	
Butylbenzylphthalate	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	717	1	11/30/10 14:00	12/02/10 17:23	59-50-7	
4-Chloroaniline	ND	ug/kg	1790	1	11/30/10 14:00	12/02/10 17:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	108-60-1	
2-Chloronaphthalene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	91-58-7	
2-Chlorophenol	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	7005-72-3	
Chrysene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	53-70-3	
Dibenzofuran	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1790	1	11/30/10 14:00	12/02/10 17:23	91-94-1	

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Asheville, NC 28804
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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S30-2-3 **Lab ID: 9282618018** Collected: 11/19/10 12:16 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	120-83-2	
Diethylphthalate	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	105-67-9	
Dimethylphthalate	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	131-11-3	
Di-n-butylphthalate	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	717	1	11/30/10 14:00	12/02/10 17:23	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1790	1	11/30/10 14:00	12/02/10 17:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	606-20-2	
Di-n-octylphthalate	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	117-81-7	
Fluoranthene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	206-44-0	
Fluorene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	87-68-3	
Hexachlorobenzene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	77-47-4	
Hexachloroethane	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	193-39-5	
Isophorone	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	78-59-1	
1-Methylnaphthalene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	90-12-0	
2-Methylnaphthalene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23		
Naphthalene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	91-20-3	
2-Nitroaniline	ND	ug/kg	1790	1	11/30/10 14:00	12/02/10 17:23	88-74-4	
3-Nitroaniline	ND	ug/kg	1790	1	11/30/10 14:00	12/02/10 17:23	99-09-2	
4-Nitroaniline	ND	ug/kg	717	1	11/30/10 14:00	12/02/10 17:23	100-01-6	
Nitrobenzene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	98-95-3	
2-Nitrophenol	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	88-75-5	
4-Nitrophenol	ND	ug/kg	1790	1	11/30/10 14:00	12/02/10 17:23	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	86-30-6	
Pentachlorophenol	ND	ug/kg	1790	1	11/30/10 14:00	12/02/10 17:23	87-86-5	
Phenanthrene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	85-01-8	
Phenol	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	108-95-2	
Pyrene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	359	1	11/30/10 14:00	12/02/10 17:23	88-06-2	
Nitrobenzene-d5 (S)	62	%	23-110	1	11/30/10 14:00	12/02/10 17:23	4165-60-0	
2-Fluorobiphenyl (S)	74	%	30-110	1	11/30/10 14:00	12/02/10 17:23	321-60-8	
Terphenyl-d14 (S)	68	%	28-110	1	11/30/10 14:00	12/02/10 17:23	1718-51-0	
Phenol-d6 (S)	59	%	22-110	1	11/30/10 14:00	12/02/10 17:23	13127-88-3	
2-Fluorophenol (S)	53	%	13-110	1	11/30/10 14:00	12/02/10 17:23	367-12-4	
2,4,6-Tribromophenol (S)	86	%	27-110	1	11/30/10 14:00	12/02/10 17:23	118-79-6	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S30-2-3 **Lab ID: 9282618018** Collected: 11/19/10 12:16 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	93.4	1		12/02/10 18:03	67-64-1	
Benzene	ND	ug/kg	4.7	1		12/02/10 18:03	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1		12/02/10 18:03	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	1		12/02/10 18:03	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1		12/02/10 18:03	75-27-4	
Bromoform	ND	ug/kg	4.7	1		12/02/10 18:03	75-25-2	
Bromomethane	ND	ug/kg	9.3	1		12/02/10 18:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	93.4	1		12/02/10 18:03	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		12/02/10 18:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		12/02/10 18:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.7	1		12/02/10 18:03	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.7	1		12/02/10 18:03	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		12/02/10 18:03	108-90-7	
Chloroethane	ND	ug/kg	9.3	1		12/02/10 18:03	75-00-3	
Chloroform	ND	ug/kg	4.7	1		12/02/10 18:03	67-66-3	
Chloromethane	ND	ug/kg	9.3	1		12/02/10 18:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.7	1		12/02/10 18:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.7	1		12/02/10 18:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	1		12/02/10 18:03	96-12-8	
Dibromochloromethane	ND	ug/kg	4.7	1		12/02/10 18:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		12/02/10 18:03	106-93-4	
Dibromomethane	ND	ug/kg	4.7	1		12/02/10 18:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		12/02/10 18:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		12/02/10 18:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		12/02/10 18:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.3	1		12/02/10 18:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		12/02/10 18:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		12/02/10 18:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		12/02/10 18:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		12/02/10 18:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		12/02/10 18:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		12/02/10 18:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.7	1		12/02/10 18:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.7	1		12/02/10 18:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.7	1		12/02/10 18:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		12/02/10 18:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		12/02/10 18:03	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.7	1		12/02/10 18:03	108-20-3	
Ethylbenzene	ND	ug/kg	4.7	1		12/02/10 18:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		12/02/10 18:03	87-68-3	
2-Hexanone	ND	ug/kg	46.7	1		12/02/10 18:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		12/02/10 18:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		12/02/10 18:03	99-87-6	
Methylene Chloride	ND	ug/kg	18.7	1		12/02/10 18:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.7	1		12/02/10 18:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		12/02/10 18:03	1634-04-4	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S30-2-3 **Lab ID: 9282618018** Collected: 11/19/10 12:16 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.7	1		12/02/10 18:03	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		12/02/10 18:03	103-65-1	
Styrene	ND	ug/kg	4.7	1		12/02/10 18:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/02/10 18:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/02/10 18:03	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		12/02/10 18:03	127-18-4	
Toluene	ND	ug/kg	4.7	1		12/02/10 18:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		12/02/10 18:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		12/02/10 18:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		12/02/10 18:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		12/02/10 18:03	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		12/02/10 18:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		12/02/10 18:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		12/02/10 18:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		12/02/10 18:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		12/02/10 18:03	108-67-8	
Vinyl acetate	ND	ug/kg	46.7	1		12/02/10 18:03	108-05-4	
Vinyl chloride	ND	ug/kg	9.3	1		12/02/10 18:03	75-01-4	
Xylene (Total)	ND	ug/kg	9.3	1		12/02/10 18:03	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	1		12/02/10 18:03	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1		12/02/10 18:03	95-47-6	
Dibromofluoromethane (S)	109	%	70-130	1		12/02/10 18:03	1868-53-7	
Toluene-d8 (S)	90	%	70-130	1		12/02/10 18:03	2037-26-5	
4-Bromofluorobenzene (S)	82	%	70-130	1		12/02/10 18:03	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-132	1		12/02/10 18:03	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.1**	%	0.10	1		11/23/10 15:26		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S30-5-6 **Lab ID: 9282618019** Collected: 11/19/10 12:18 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.46	1	11/29/10 13:20	11/30/10 17:01	7440-36-0	
Arsenic	**1.2**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 17:01	7440-38-2	
Beryllium	ND	mg/kg	0.092	1	11/29/10 13:20	11/30/10 17:01	7440-41-7	
Cadmium	ND	mg/kg	0.092	1	11/29/10 13:20	11/30/10 17:01	7440-43-9	
Chromium	**4.0**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 17:01	7440-47-3	
Copper	**0.55**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 17:01	7440-50-8	
Lead	**2.5**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 17:01	7439-92-1	
Nickel	**0.65**	mg/kg	0.46	1	11/29/10 13:20	11/30/10 17:01	7440-02-0	
Selenium	ND	mg/kg	0.92	1	11/29/10 13:20	11/30/10 17:01	7782-49-2	
Silver	ND	mg/kg	0.46	1	11/29/10 13:20	11/30/10 17:01	7440-22-4	
Thallium	ND	mg/kg	0.92	1	11/29/10 13:20	11/30/10 17:01	7440-28-0	
Zinc	ND	mg/kg	0.92	1	11/29/10 13:20	11/30/10 17:01	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.021**	mg/kg	0.0053	1	12/02/10 15:00	12/03/10 13:51	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	83-32-9	
Acenaphthylene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	208-96-8	
Aniline	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	62-53-3	
Anthracene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	120-12-7	
Benzo(a)anthracene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	56-55-3	
Benzo(a)pyrene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	207-08-9	
Benzoic Acid	ND	ug/kg	1980	1	11/30/10 14:00	12/02/10 17:51	65-85-0	
Benzyl alcohol	ND	ug/kg	792	1	11/30/10 14:00	12/02/10 17:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	101-55-3	
Butylbenzylphthalate	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	792	1	11/30/10 14:00	12/02/10 17:51	59-50-7	
4-Chloroaniline	ND	ug/kg	1980	1	11/30/10 14:00	12/02/10 17:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	108-60-1	
2-Chloronaphthalene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	91-58-7	
2-Chlorophenol	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	7005-72-3	
Chrysene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	53-70-3	
Dibenzofuran	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1980	1	11/30/10 14:00	12/02/10 17:51	91-94-1	

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Asheville, NC 28804
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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S30-5-6 **Lab ID: 9282618019** Collected: 11/19/10 12:18 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	120-83-2	
Diethylphthalate	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	105-67-9	
Dimethylphthalate	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	131-11-3	
Di-n-butylphthalate	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	792	1	11/30/10 14:00	12/02/10 17:51	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1980	1	11/30/10 14:00	12/02/10 17:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	606-20-2	
Di-n-octylphthalate	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	117-81-7	
Fluoranthene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	206-44-0	
Fluorene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	87-68-3	
Hexachlorobenzene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	77-47-4	
Hexachloroethane	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	193-39-5	
Isophorone	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	78-59-1	
1-Methylnaphthalene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	90-12-0	
2-Methylnaphthalene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51		
Naphthalene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	91-20-3	
2-Nitroaniline	ND	ug/kg	1980	1	11/30/10 14:00	12/02/10 17:51	88-74-4	
3-Nitroaniline	ND	ug/kg	1980	1	11/30/10 14:00	12/02/10 17:51	99-09-2	
4-Nitroaniline	ND	ug/kg	792	1	11/30/10 14:00	12/02/10 17:51	100-01-6	
Nitrobenzene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	98-95-3	
2-Nitrophenol	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	88-75-5	
4-Nitrophenol	ND	ug/kg	1980	1	11/30/10 14:00	12/02/10 17:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	86-30-6	
Pentachlorophenol	ND	ug/kg	1980	1	11/30/10 14:00	12/02/10 17:51	87-86-5	
Phenanthrene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	85-01-8	
Phenol	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	108-95-2	
Pyrene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	396	1	11/30/10 14:00	12/02/10 17:51	88-06-2	
Nitrobenzene-d5 (S)	31	%	23-110	1	11/30/10 14:00	12/02/10 17:51	4165-60-0	
2-Fluorobiphenyl (S)	36	%	30-110	1	11/30/10 14:00	12/02/10 17:51	321-60-8	
Terphenyl-d14 (S)	43	%	28-110	1	11/30/10 14:00	12/02/10 17:51	1718-51-0	
Phenol-d6 (S)	28	%	22-110	1	11/30/10 14:00	12/02/10 17:51	13127-88-3	
2-Fluorophenol (S)	27	%	13-110	1	11/30/10 14:00	12/02/10 17:51	367-12-4	
2,4,6-Tribromophenol (S)	50	%	27-110	1	11/30/10 14:00	12/02/10 17:51	118-79-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S30-5-6 **Lab ID: 9282618019** Collected: 11/19/10 12:18 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	84.2	1		12/02/10 18:22	67-64-1	
Benzene	ND	ug/kg	4.2	1		12/02/10 18:22	71-43-2	
Bromobenzene	ND	ug/kg	4.2	1		12/02/10 18:22	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	1		12/02/10 18:22	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	1		12/02/10 18:22	75-27-4	
Bromoform	ND	ug/kg	4.2	1		12/02/10 18:22	75-25-2	
Bromomethane	ND	ug/kg	8.4	1		12/02/10 18:22	74-83-9	
2-Butanone (MEK)	ND	ug/kg	84.2	1		12/02/10 18:22	78-93-3	
n-Butylbenzene	ND	ug/kg	4.2	1		12/02/10 18:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.2	1		12/02/10 18:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.2	1		12/02/10 18:22	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.2	1		12/02/10 18:22	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		12/02/10 18:22	108-90-7	
Chloroethane	ND	ug/kg	8.4	1		12/02/10 18:22	75-00-3	
Chloroform	ND	ug/kg	4.2	1		12/02/10 18:22	67-66-3	
Chloromethane	ND	ug/kg	8.4	1		12/02/10 18:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.2	1		12/02/10 18:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.2	1		12/02/10 18:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	1		12/02/10 18:22	96-12-8	
Dibromochloromethane	ND	ug/kg	4.2	1		12/02/10 18:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		12/02/10 18:22	106-93-4	
Dibromomethane	ND	ug/kg	4.2	1		12/02/10 18:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		12/02/10 18:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		12/02/10 18:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		12/02/10 18:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.4	1		12/02/10 18:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1		12/02/10 18:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		12/02/10 18:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.2	1		12/02/10 18:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		12/02/10 18:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		12/02/10 18:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		12/02/10 18:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.2	1		12/02/10 18:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.2	1		12/02/10 18:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.2	1		12/02/10 18:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		12/02/10 18:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		12/02/10 18:22	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.2	1		12/02/10 18:22	108-20-3	
Ethylbenzene	ND	ug/kg	4.2	1		12/02/10 18:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	1		12/02/10 18:22	87-68-3	
2-Hexanone	ND	ug/kg	42.1	1		12/02/10 18:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		12/02/10 18:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.2	1		12/02/10 18:22	99-87-6	
Methylene Chloride	ND	ug/kg	16.8	1		12/02/10 18:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.1	1		12/02/10 18:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		12/02/10 18:22	1634-04-4	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S30-5-6 **Lab ID: 9282618019** Collected: 11/19/10 12:18 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.2	1		12/02/10 18:22	91-20-3	
n-Propylbenzene	ND	ug/kg	4.2	1		12/02/10 18:22	103-65-1	
Styrene	ND	ug/kg	4.2	1		12/02/10 18:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	1		12/02/10 18:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		12/02/10 18:22	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		12/02/10 18:22	127-18-4	
Toluene	ND	ug/kg	4.2	1		12/02/10 18:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	1		12/02/10 18:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		12/02/10 18:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		12/02/10 18:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		12/02/10 18:22	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1		12/02/10 18:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1		12/02/10 18:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.2	1		12/02/10 18:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		12/02/10 18:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		12/02/10 18:22	108-67-8	
Vinyl acetate	ND	ug/kg	42.1	1		12/02/10 18:22	108-05-4	
Vinyl chloride	ND	ug/kg	8.4	1		12/02/10 18:22	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1		12/02/10 18:22	1330-20-7	
m&p-Xylene	ND	ug/kg	8.4	1		12/02/10 18:22	179601-23-1	
o-Xylene	ND	ug/kg	4.2	1		12/02/10 18:22	95-47-6	
Dibromofluoromethane (S)	97	%	70-130	1		12/02/10 18:22	1868-53-7	
Toluene-d8 (S)	98	%	70-130	1		12/02/10 18:22	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		12/02/10 18:22	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-132	1		12/02/10 18:22	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**16.6**	%	0.10	1		11/23/10 15:26		

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S31-3-4 **Lab ID: 9282618020** Collected: 11/19/10 12:25 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.37	1	11/29/10 13:20	11/30/10 17:04	7440-36-0	
Arsenic	**0.70**	mg/kg	0.37	1	11/29/10 13:20	11/30/10 17:04	7440-38-2	
Beryllium	ND	mg/kg	0.075	1	11/29/10 13:20	11/30/10 17:04	7440-41-7	
Cadmium	ND	mg/kg	0.075	1	11/29/10 13:20	11/30/10 17:04	7440-43-9	
Chromium	**3.4**	mg/kg	0.37	1	11/29/10 13:20	11/30/10 17:04	7440-47-3	
Copper	**0.48**	mg/kg	0.37	1	11/29/10 13:20	11/30/10 17:04	7440-50-8	
Lead	**2.6**	mg/kg	0.37	1	11/29/10 13:20	11/30/10 17:04	7439-92-1	
Nickel	**1.2**	mg/kg	0.37	1	11/29/10 13:20	11/30/10 17:04	7440-02-0	
Selenium	ND	mg/kg	0.75	1	11/29/10 13:20	11/30/10 17:04	7782-49-2	
Silver	ND	mg/kg	0.37	1	11/29/10 13:20	11/30/10 17:04	7440-22-4	
Thallium	ND	mg/kg	0.75	1	11/29/10 13:20	11/30/10 17:04	7440-28-0	
Zinc	**1.9**	mg/kg	0.75	1	11/29/10 13:20	11/30/10 17:04	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.034**	mg/kg	0.0051	1	12/02/10 15:00	12/03/10 14:02	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	83-32-9	
Acenaphthylene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	208-96-8	
Aniline	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	62-53-3	
Anthracene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	120-12-7	
Benzo(a)anthracene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	56-55-3	
Benzo(a)pyrene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	207-08-9	
Benzoic Acid	ND	ug/kg	1890	1	11/30/10 14:00	12/02/10 18:19	65-85-0	
Benzyl alcohol	ND	ug/kg	754	1	11/30/10 14:00	12/02/10 18:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	101-55-3	
Butylbenzylphthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	754	1	11/30/10 14:00	12/02/10 18:19	59-50-7	
4-Chloroaniline	ND	ug/kg	1890	1	11/30/10 14:00	12/02/10 18:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	108-60-1	
2-Chloronaphthalene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	91-58-7	
2-Chlorophenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	7005-72-3	
Chrysene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	53-70-3	
Dibenzofuran	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1890	1	11/30/10 14:00	12/02/10 18:19	91-94-1	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S31-3-4 **Lab ID: 9282618020** Collected: 11/19/10 12:25 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	120-83-2	
Diethylphthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	105-67-9	
Dimethylphthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	131-11-3	
Di-n-butylphthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	754	1	11/30/10 14:00	12/02/10 18:19	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1890	1	11/30/10 14:00	12/02/10 18:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	606-20-2	
Di-n-octylphthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	117-81-7	
Fluoranthene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	206-44-0	
Fluorene	**785**	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	87-68-3	
Hexachlorobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	77-47-4	
Hexachloroethane	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	193-39-5	
Isophorone	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	78-59-1	
1-Methylnaphthalene	**26100**	ug/kg	7540	20	11/30/10 14:00	12/03/10 10:18	90-12-0	
2-Methylnaphthalene	**40100**	ug/kg	7540	20	11/30/10 14:00	12/03/10 10:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19		
Naphthalene	**3060**	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	91-20-3	
2-Nitroaniline	ND	ug/kg	1890	1	11/30/10 14:00	12/02/10 18:19	88-74-4	
3-Nitroaniline	ND	ug/kg	1890	1	11/30/10 14:00	12/02/10 18:19	99-09-2	
4-Nitroaniline	ND	ug/kg	754	1	11/30/10 14:00	12/02/10 18:19	100-01-6	
Nitrobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	98-95-3	
2-Nitrophenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	88-75-5	
4-Nitrophenol	ND	ug/kg	1890	1	11/30/10 14:00	12/02/10 18:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	86-30-6	
Pentachlorophenol	ND	ug/kg	1890	1	11/30/10 14:00	12/02/10 18:19	87-86-5	
Phenanthrene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	85-01-8	
Phenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	108-95-2	
Pyrene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 18:19	88-06-2	
Nitrobenzene-d5 (S)	95	%	23-110	1	11/30/10 14:00	12/02/10 18:19	4165-60-0	
2-Fluorobiphenyl (S)	70	%	30-110	1	11/30/10 14:00	12/02/10 18:19	321-60-8	
Terphenyl-d14 (S)	82	%	28-110	1	11/30/10 14:00	12/02/10 18:19	1718-51-0	
Phenol-d6 (S)	63	%	22-110	1	11/30/10 14:00	12/02/10 18:19	13127-88-3	
2-Fluorophenol (S)	55	%	13-110	1	11/30/10 14:00	12/02/10 18:19	367-12-4	
2,4,6-Tribromophenol (S)	111	%	27-110	1	11/30/10 14:00	12/02/10 18:19	118-79-6	S0

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S31-3-4 **Lab ID: 9282618020** Collected: 11/19/10 12:25 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	9670	100		12/02/10 20:13	67-64-1	
Benzene	ND	ug/kg	483	100		12/02/10 20:13	71-43-2	
Bromobenzene	ND	ug/kg	483	100		12/02/10 20:13	108-86-1	
Bromochloromethane	ND	ug/kg	483	100		12/02/10 20:13	74-97-5	
Bromodichloromethane	ND	ug/kg	483	100		12/02/10 20:13	75-27-4	
Bromoform	ND	ug/kg	483	100		12/02/10 20:13	75-25-2	
Bromomethane	ND	ug/kg	967	100		12/02/10 20:13	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9670	100		12/02/10 20:13	78-93-3	
n-Butylbenzene	**508**	ug/kg	483	100		12/02/10 20:13	104-51-8	
sec-Butylbenzene	**697**	ug/kg	483	100		12/02/10 20:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	483	100		12/02/10 20:13	98-06-6	
Carbon tetrachloride	ND	ug/kg	483	100		12/02/10 20:13	56-23-5	
Chlorobenzene	ND	ug/kg	483	100		12/02/10 20:13	108-90-7	
Chloroethane	ND	ug/kg	967	100		12/02/10 20:13	75-00-3	
Chloroform	ND	ug/kg	483	100		12/02/10 20:13	67-66-3	
Chloromethane	ND	ug/kg	967	100		12/02/10 20:13	74-87-3	
2-Chlorotoluene	ND	ug/kg	483	100		12/02/10 20:13	95-49-8	
4-Chlorotoluene	ND	ug/kg	483	100		12/02/10 20:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	483	100		12/02/10 20:13	96-12-8	
Dibromochloromethane	ND	ug/kg	483	100		12/02/10 20:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	483	100		12/02/10 20:13	106-93-4	
Dibromomethane	ND	ug/kg	483	100		12/02/10 20:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	483	100		12/02/10 20:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	483	100		12/02/10 20:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	483	100		12/02/10 20:13	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	967	100		12/02/10 20:13	75-71-8	D3
1,1-Dichloroethane	ND	ug/kg	483	100		12/02/10 20:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	483	100		12/02/10 20:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	483	100		12/02/10 20:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	483	100		12/02/10 20:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	483	100		12/02/10 20:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	483	100		12/02/10 20:13	78-87-5	
1,3-Dichloropropane	ND	ug/kg	483	100		12/02/10 20:13	142-28-9	
2,2-Dichloropropane	ND	ug/kg	483	100		12/02/10 20:13	594-20-7	
1,1-Dichloropropene	ND	ug/kg	483	100		12/02/10 20:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	483	100		12/02/10 20:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	483	100		12/02/10 20:13	10061-02-6	
Diisopropyl ether	ND	ug/kg	483	100		12/02/10 20:13	108-20-3	
Ethylbenzene	ND	ug/kg	483	100		12/02/10 20:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	483	100		12/02/10 20:13	87-68-3	
2-Hexanone	ND	ug/kg	4830	100		12/02/10 20:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	483	100		12/02/10 20:13	98-82-8	
p-Isopropyltoluene	ND	ug/kg	483	100		12/02/10 20:13	99-87-6	
Methylene Chloride	ND	ug/kg	1930	100		12/02/10 20:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	4830	100		12/02/10 20:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	483	100		12/02/10 20:13	1634-04-4	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S31-3-4 **Lab ID: 9282618020** Collected: 11/19/10 12:25 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	**752**	ug/kg	483	100		12/02/10 20:13	91-20-3	
n-Propylbenzene	ND	ug/kg	483	100		12/02/10 20:13	103-65-1	
Styrene	ND	ug/kg	483	100		12/02/10 20:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	483	100		12/02/10 20:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	483	100		12/02/10 20:13	79-34-5	
Tetrachloroethene	ND	ug/kg	483	100		12/02/10 20:13	127-18-4	
Toluene	ND	ug/kg	483	100		12/02/10 20:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	483	100		12/02/10 20:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	483	100		12/02/10 20:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	483	100		12/02/10 20:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	483	100		12/02/10 20:13	79-00-5	
Trichloroethene	ND	ug/kg	483	100		12/02/10 20:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	483	100		12/02/10 20:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	483	100		12/02/10 20:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	483	100		12/02/10 20:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	483	100		12/02/10 20:13	108-67-8	
Vinyl acetate	ND	ug/kg	4830	100		12/02/10 20:13	108-05-4	
Vinyl chloride	ND	ug/kg	967	100		12/02/10 20:13	75-01-4	
Xylene (Total)	ND	ug/kg	967	100		12/02/10 20:13	1330-20-7	
m&p-Xylene	ND	ug/kg	967	100		12/02/10 20:13	179601-23-1	
o-Xylene	ND	ug/kg	483	100		12/02/10 20:13	95-47-6	
Dibromofluoromethane (S)	92	%	70-130	100		12/02/10 20:13	1868-53-7	
Toluene-d8 (S)	99	%	70-130	100		12/02/10 20:13	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	100		12/02/10 20:13	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-132	100		12/02/10 20:13	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.1**	%	0.10	1		11/23/10 15:26		

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S31-6-7 **Lab ID: 9282618021** Collected: 11/19/10 12:30 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.49	1	11/29/10 13:20	11/30/10 17:08	7440-36-0	
Arsenic	ND	mg/kg	0.49	1	11/29/10 13:20	11/30/10 17:08	7440-38-2	
Beryllium	ND	mg/kg	0.097	1	11/29/10 13:20	11/30/10 17:08	7440-41-7	
Cadmium	ND	mg/kg	0.097	1	11/29/10 13:20	11/30/10 17:08	7440-43-9	
Chromium	**3.3**	mg/kg	0.49	1	11/29/10 13:20	11/30/10 17:08	7440-47-3	
Copper	**0.66**	mg/kg	0.49	1	11/29/10 13:20	11/30/10 17:08	7440-50-8	
Lead	**2.6**	mg/kg	0.49	1	11/29/10 13:20	11/30/10 17:08	7439-92-1	
Nickel	**0.94**	mg/kg	0.49	1	11/29/10 13:20	11/30/10 17:08	7440-02-0	
Selenium	ND	mg/kg	0.97	1	11/29/10 13:20	11/30/10 17:08	7782-49-2	
Silver	ND	mg/kg	0.49	1	11/29/10 13:20	11/30/10 17:08	7440-22-4	
Thallium	ND	mg/kg	0.97	1	11/29/10 13:20	11/30/10 17:08	7440-28-0	
Zinc	ND	mg/kg	0.97	1	11/29/10 13:20	11/30/10 17:08	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.014**	mg/kg	0.0045	1	12/02/10 15:00	12/03/10 14:07	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	83-32-9	
Acenaphthylene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	208-96-8	
Aniline	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	62-53-3	
Anthracene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	120-12-7	
Benzo(a)anthracene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	56-55-3	
Benzo(a)pyrene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	207-08-9	
Benzoic Acid	ND	ug/kg	1830	1	11/30/10 14:00	12/02/10 18:47	65-85-0	
Benzyl alcohol	ND	ug/kg	730	1	11/30/10 14:00	12/02/10 18:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	101-55-3	
Butylbenzylphthalate	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	730	1	11/30/10 14:00	12/02/10 18:47	59-50-7	
4-Chloroaniline	ND	ug/kg	1830	1	11/30/10 14:00	12/02/10 18:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	108-60-1	
2-Chloronaphthalene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	91-58-7	
2-Chlorophenol	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	7005-72-3	
Chrysene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	53-70-3	
Dibenzofuran	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1830	1	11/30/10 14:00	12/02/10 18:47	91-94-1	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S31-6-7 **Lab ID: 9282618021** Collected: 11/19/10 12:30 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	120-83-2	
Diethylphthalate	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	105-67-9	
Dimethylphthalate	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	131-11-3	
Di-n-butylphthalate	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	730	1	11/30/10 14:00	12/02/10 18:47	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1830	1	11/30/10 14:00	12/02/10 18:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	606-20-2	
Di-n-octylphthalate	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	117-81-7	
Fluoranthene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	206-44-0	
Fluorene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	87-68-3	
Hexachlorobenzene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	77-47-4	
Hexachloroethane	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	193-39-5	
Isophorone	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	78-59-1	
1-Methylnaphthalene	**17600**	ug/kg	7300	20	11/30/10 14:00	12/03/10 12:05	90-12-0	
2-Methylnaphthalene	**30200**	ug/kg	7300	20	11/30/10 14:00	12/03/10 12:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47		
Naphthalene	**5080**	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	91-20-3	E
2-Nitroaniline	ND	ug/kg	1830	1	11/30/10 14:00	12/02/10 18:47	88-74-4	
3-Nitroaniline	ND	ug/kg	1830	1	11/30/10 14:00	12/02/10 18:47	99-09-2	
4-Nitroaniline	ND	ug/kg	730	1	11/30/10 14:00	12/02/10 18:47	100-01-6	
Nitrobenzene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	98-95-3	
2-Nitrophenol	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	88-75-5	
4-Nitrophenol	ND	ug/kg	1830	1	11/30/10 14:00	12/02/10 18:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	86-30-6	
Pentachlorophenol	ND	ug/kg	1830	1	11/30/10 14:00	12/02/10 18:47	87-86-5	
Phenanthrene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	85-01-8	
Phenol	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	108-95-2	
Pyrene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	365	1	11/30/10 14:00	12/02/10 18:47	88-06-2	
Nitrobenzene-d5 (S)	90	%	23-110	1	11/30/10 14:00	12/02/10 18:47	4165-60-0	
2-Fluorobiphenyl (S)	81	%	30-110	1	11/30/10 14:00	12/02/10 18:47	321-60-8	
Terphenyl-d14 (S)	81	%	28-110	1	11/30/10 14:00	12/02/10 18:47	1718-51-0	
Phenol-d6 (S)	55	%	22-110	1	11/30/10 14:00	12/02/10 18:47	13127-88-3	
2-Fluorophenol (S)	49	%	13-110	1	11/30/10 14:00	12/02/10 18:47	367-12-4	
2,4,6-Tribromophenol (S)	108	%	27-110	1	11/30/10 14:00	12/02/10 18:47	118-79-6	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S31-6-7 **Lab ID: 9282618021** Collected: 11/19/10 12:30 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	2650	25		12/02/10 20:31	67-64-1	
Benzene	ND	ug/kg	132	25		12/02/10 20:31	71-43-2	
Bromobenzene	ND	ug/kg	132	25		12/02/10 20:31	108-86-1	
Bromochloromethane	ND	ug/kg	132	25		12/02/10 20:31	74-97-5	
Bromodichloromethane	ND	ug/kg	132	25		12/02/10 20:31	75-27-4	
Bromoform	ND	ug/kg	132	25		12/02/10 20:31	75-25-2	
Bromomethane	ND	ug/kg	265	25		12/02/10 20:31	74-83-9	
2-Butanone (MEK)	ND	ug/kg	2650	25		12/02/10 20:31	78-93-3	
n-Butylbenzene	**621**	ug/kg	132	25		12/02/10 20:31	104-51-8	
sec-Butylbenzene	**818**	ug/kg	132	25		12/02/10 20:31	135-98-8	
tert-Butylbenzene	ND	ug/kg	132	25		12/02/10 20:31	98-06-6	
Carbon tetrachloride	ND	ug/kg	132	25		12/02/10 20:31	56-23-5	
Chlorobenzene	ND	ug/kg	132	25		12/02/10 20:31	108-90-7	
Chloroethane	ND	ug/kg	265	25		12/02/10 20:31	75-00-3	
Chloroform	ND	ug/kg	132	25		12/02/10 20:31	67-66-3	
Chloromethane	ND	ug/kg	265	25		12/02/10 20:31	74-87-3	
2-Chlorotoluene	ND	ug/kg	132	25		12/02/10 20:31	95-49-8	
4-Chlorotoluene	ND	ug/kg	132	25		12/02/10 20:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	132	25		12/02/10 20:31	96-12-8	
Dibromochloromethane	ND	ug/kg	132	25		12/02/10 20:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	132	25		12/02/10 20:31	106-93-4	
Dibromomethane	ND	ug/kg	132	25		12/02/10 20:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	132	25		12/02/10 20:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	132	25		12/02/10 20:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	132	25		12/02/10 20:31	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	265	25		12/02/10 20:31	75-71-8	
1,1-Dichloroethane	ND	ug/kg	132	25		12/02/10 20:31	75-34-3	
1,2-Dichloroethane	ND	ug/kg	132	25		12/02/10 20:31	107-06-2	
1,1-Dichloroethene	ND	ug/kg	132	25		12/02/10 20:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	132	25		12/02/10 20:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	132	25		12/02/10 20:31	156-60-5	
1,2-Dichloropropane	ND	ug/kg	132	25		12/02/10 20:31	78-87-5	
1,3-Dichloropropane	ND	ug/kg	132	25		12/02/10 20:31	142-28-9	
2,2-Dichloropropane	ND	ug/kg	132	25		12/02/10 20:31	594-20-7	
1,1-Dichloropropene	ND	ug/kg	132	25		12/02/10 20:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	132	25		12/02/10 20:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	132	25		12/02/10 20:31	10061-02-6	
Diisopropyl ether	ND	ug/kg	132	25		12/02/10 20:31	108-20-3	
Ethylbenzene	ND	ug/kg	132	25		12/02/10 20:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	132	25		12/02/10 20:31	87-68-3	
2-Hexanone	ND	ug/kg	1320	25		12/02/10 20:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	132	25		12/02/10 20:31	98-82-8	
p-Isopropyltoluene	ND	ug/kg	132	25		12/02/10 20:31	99-87-6	
Methylene Chloride	ND	ug/kg	530	25		12/02/10 20:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1320	25		12/02/10 20:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	132	25		12/02/10 20:31	1634-04-4	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S31-6-7 **Lab ID: 9282618021** Collected: 11/19/10 12:30 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	**3290**	ug/kg	132	25		12/02/10 20:31	91-20-3	
n-Propylbenzene	**175**	ug/kg	132	25		12/02/10 20:31	103-65-1	
Styrene	ND	ug/kg	132	25		12/02/10 20:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	132	25		12/02/10 20:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	132	25		12/02/10 20:31	79-34-5	
Tetrachloroethene	ND	ug/kg	132	25		12/02/10 20:31	127-18-4	
Toluene	ND	ug/kg	132	25		12/02/10 20:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	132	25		12/02/10 20:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	132	25		12/02/10 20:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	132	25		12/02/10 20:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	132	25		12/02/10 20:31	79-00-5	
Trichloroethene	ND	ug/kg	132	25		12/02/10 20:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	132	25		12/02/10 20:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	132	25		12/02/10 20:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	132	25		12/02/10 20:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	132	25		12/02/10 20:31	108-67-8	
Vinyl acetate	ND	ug/kg	1320	25		12/02/10 20:31	108-05-4	
Vinyl chloride	ND	ug/kg	265	25		12/02/10 20:31	75-01-4	
Xylene (Total)	ND	ug/kg	265	25		12/02/10 20:31	1330-20-7	
m&p-Xylene	ND	ug/kg	265	25		12/02/10 20:31	179601-23-1	
o-Xylene	ND	ug/kg	132	25		12/02/10 20:31	95-47-6	
Dibromofluoromethane (S)	85	%	70-130	25		12/02/10 20:31	1868-53-7	
Toluene-d8 (S)	96	%	70-130	25		12/02/10 20:31	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130	25		12/02/10 20:31	460-00-4	
1,2-Dichloroethane-d4 (S)	80	%	70-132	25		12/02/10 20:31	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.9**	%	0.10	1		11/23/10 15:27		

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S32-3-4 **Lab ID: 9282618022** Collected: 11/19/10 12:47 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	**0.42**	mg/kg	0.40	1	11/29/10 13:20	11/30/10 17:11	7440-36-0	
Arsenic	**0.99**	mg/kg	0.40	1	11/29/10 13:20	11/30/10 17:11	7440-38-2	
Beryllium	ND	mg/kg	0.080	1	11/29/10 13:20	11/30/10 17:11	7440-41-7	
Cadmium	ND	mg/kg	0.080	1	11/29/10 13:20	11/30/10 17:11	7440-43-9	
Chromium	**6.3**	mg/kg	0.40	1	11/29/10 13:20	11/30/10 17:11	7440-47-3	
Copper	ND	mg/kg	0.40	1	11/29/10 13:20	11/30/10 17:11	7440-50-8	
Lead	**3.4**	mg/kg	0.40	1	11/29/10 13:20	11/30/10 17:11	7439-92-1	
Nickel	**0.87**	mg/kg	0.40	1	11/29/10 13:20	11/30/10 17:11	7440-02-0	
Selenium	ND	mg/kg	0.80	1	11/29/10 13:20	11/30/10 17:11	7782-49-2	
Silver	ND	mg/kg	0.40	1	11/29/10 13:20	11/30/10 17:11	7440-22-4	
Thallium	ND	mg/kg	0.80	1	11/29/10 13:20	11/30/10 17:11	7440-28-0	
Zinc	ND	mg/kg	0.80	1	11/29/10 13:20	11/30/10 17:11	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.054**	mg/kg	0.0040	1	12/02/10 15:00	12/03/10 14:12	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	83-32-9	
Acenaphthylene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	208-96-8	
Aniline	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	62-53-3	
Anthracene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	120-12-7	
Benzo(a)anthracene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	56-55-3	
Benzo(a)pyrene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	207-08-9	
Benzoic Acid	ND	ug/kg	1900	1	11/30/10 14:00	12/02/10 19:16	65-85-0	
Benzyl alcohol	ND	ug/kg	762	1	11/30/10 14:00	12/02/10 19:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	101-55-3	
Butylbenzylphthalate	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	762	1	11/30/10 14:00	12/02/10 19:16	59-50-7	
4-Chloroaniline	ND	ug/kg	1900	1	11/30/10 14:00	12/02/10 19:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	108-60-1	
2-Chloronaphthalene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	91-58-7	
2-Chlorophenol	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	7005-72-3	
Chrysene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	53-70-3	
Dibenzofuran	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1900	1	11/30/10 14:00	12/02/10 19:16	91-94-1	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S32-3-4 **Lab ID: 9282618022** Collected: 11/19/10 12:47 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	120-83-2	
Diethylphthalate	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	105-67-9	
Dimethylphthalate	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	131-11-3	
Di-n-butylphthalate	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	762	1	11/30/10 14:00	12/02/10 19:16	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1900	1	11/30/10 14:00	12/02/10 19:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	606-20-2	
Di-n-octylphthalate	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	117-81-7	
Fluoranthene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	206-44-0	
Fluorene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	87-68-3	
Hexachlorobenzene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	77-47-4	
Hexachloroethane	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	193-39-5	
Isophorone	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	78-59-1	
1-Methylnaphthalene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	90-12-0	
2-Methylnaphthalene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16		
Naphthalene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	91-20-3	
2-Nitroaniline	ND	ug/kg	1900	1	11/30/10 14:00	12/02/10 19:16	88-74-4	
3-Nitroaniline	ND	ug/kg	1900	1	11/30/10 14:00	12/02/10 19:16	99-09-2	
4-Nitroaniline	ND	ug/kg	762	1	11/30/10 14:00	12/02/10 19:16	100-01-6	
Nitrobenzene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	98-95-3	
2-Nitrophenol	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	88-75-5	
4-Nitrophenol	ND	ug/kg	1900	1	11/30/10 14:00	12/02/10 19:16	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	86-30-6	
Pentachlorophenol	ND	ug/kg	1900	1	11/30/10 14:00	12/02/10 19:16	87-86-5	
Phenanthrene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	85-01-8	
Phenol	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	108-95-2	
Pyrene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	381	1	11/30/10 14:00	12/02/10 19:16	88-06-2	
Nitrobenzene-d5 (S)	66	%	23-110	1	11/30/10 14:00	12/02/10 19:16	4165-60-0	
2-Fluorobiphenyl (S)	74	%	30-110	1	11/30/10 14:00	12/02/10 19:16	321-60-8	
Terphenyl-d14 (S)	84	%	28-110	1	11/30/10 14:00	12/02/10 19:16	1718-51-0	
Phenol-d6 (S)	64	%	22-110	1	11/30/10 14:00	12/02/10 19:16	13127-88-3	
2-Fluorophenol (S)	59	%	13-110	1	11/30/10 14:00	12/02/10 19:16	367-12-4	
2,4,6-Tribromophenol (S)	99	%	27-110	1	11/30/10 14:00	12/02/10 19:16	118-79-6	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S32-3-4 **Lab ID: 9282618022** Collected: 11/19/10 12:47 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	102	1		12/03/10 15:28	67-64-1	
Benzene	ND	ug/kg	5.1	1		12/03/10 15:28	71-43-2	
Bromobenzene	ND	ug/kg	5.1	1		12/03/10 15:28	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	1		12/03/10 15:28	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	1		12/03/10 15:28	75-27-4	
Bromoform	ND	ug/kg	5.1	1		12/03/10 15:28	75-25-2	
Bromomethane	ND	ug/kg	10.2	1		12/03/10 15:28	74-83-9	
2-Butanone (MEK)	ND	ug/kg	102	1		12/03/10 15:28	78-93-3	
n-Butylbenzene	ND	ug/kg	5.1	1		12/03/10 15:28	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.1	1		12/03/10 15:28	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.1	1		12/03/10 15:28	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.1	1		12/03/10 15:28	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1		12/03/10 15:28	108-90-7	
Chloroethane	ND	ug/kg	10.2	1		12/03/10 15:28	75-00-3	
Chloroform	ND	ug/kg	5.1	1		12/03/10 15:28	67-66-3	
Chloromethane	ND	ug/kg	10.2	1		12/03/10 15:28	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.1	1		12/03/10 15:28	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.1	1		12/03/10 15:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1		12/03/10 15:28	96-12-8	
Dibromochloromethane	ND	ug/kg	5.1	1		12/03/10 15:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1		12/03/10 15:28	106-93-4	
Dibromomethane	ND	ug/kg	5.1	1		12/03/10 15:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1		12/03/10 15:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1		12/03/10 15:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1		12/03/10 15:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.2	1		12/03/10 15:28	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1		12/03/10 15:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1		12/03/10 15:28	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1		12/03/10 15:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1		12/03/10 15:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1		12/03/10 15:28	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1		12/03/10 15:28	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.1	1		12/03/10 15:28	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.1	1		12/03/10 15:28	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.1	1		12/03/10 15:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1		12/03/10 15:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1		12/03/10 15:28	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.1	1		12/03/10 15:28	108-20-3	
Ethylbenzene	ND	ug/kg	5.1	1		12/03/10 15:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	1		12/03/10 15:28	87-68-3	
2-Hexanone	ND	ug/kg	51.2	1		12/03/10 15:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1		12/03/10 15:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.1	1		12/03/10 15:28	99-87-6	
Methylene Chloride	ND	ug/kg	20.5	1		12/03/10 15:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.2	1		12/03/10 15:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.1	1		12/03/10 15:28	1634-04-4	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S32-3-4 **Lab ID: 9282618022** Collected: 11/19/10 12:47 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	5.1	1		12/03/10 15:28	91-20-3	
n-Propylbenzene	ND	ug/kg	5.1	1		12/03/10 15:28	103-65-1	
Styrene	ND	ug/kg	5.1	1		12/03/10 15:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	1		12/03/10 15:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1		12/03/10 15:28	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1		12/03/10 15:28	127-18-4	
Toluene	ND	ug/kg	5.1	1		12/03/10 15:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	1		12/03/10 15:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1		12/03/10 15:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1		12/03/10 15:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1		12/03/10 15:28	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1		12/03/10 15:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	1		12/03/10 15:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.1	1		12/03/10 15:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1		12/03/10 15:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1		12/03/10 15:28	108-67-8	
Vinyl acetate	ND	ug/kg	51.2	1		12/03/10 15:28	108-05-4	
Vinyl chloride	ND	ug/kg	10.2	1		12/03/10 15:28	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	1		12/03/10 15:28	1330-20-7	
m&p-Xylene	ND	ug/kg	10.2	1		12/03/10 15:28	179601-23-1	
o-Xylene	ND	ug/kg	5.1	1		12/03/10 15:28	95-47-6	
Dibromofluoromethane (S)	101	%	70-130	1		12/03/10 15:28	1868-53-7	
Toluene-d8 (S)	104	%	70-130	1		12/03/10 15:28	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		12/03/10 15:28	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-132	1		12/03/10 15:28	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.2**	%	0.10	1		11/23/10 15:27		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S32-6-7 **Lab ID: 9282618023** Collected: 11/19/10 12:50 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.38	1	11/30/10 13:40	12/02/10 11:59	7440-36-0	
Arsenic	ND	mg/kg	0.38	1	11/30/10 13:40	12/02/10 11:59	7440-38-2	
Beryllium	ND	mg/kg	0.076	1	11/30/10 13:40	12/02/10 11:59	7440-41-7	
Cadmium	ND	mg/kg	0.076	1	11/30/10 13:40	12/02/10 11:59	7440-43-9	
Chromium	**3.8**	mg/kg	0.38	1	11/30/10 13:40	12/02/10 11:59	7440-47-3	
Copper	ND	mg/kg	0.38	1	11/30/10 13:40	12/02/10 11:59	7440-50-8	
Lead	**2.6**	mg/kg	0.38	1	11/30/10 13:40	12/02/10 11:59	7439-92-1	
Nickel	ND	mg/kg	0.38	1	11/30/10 13:40	12/02/10 11:59	7440-02-0	
Selenium	ND	mg/kg	0.76	1	11/30/10 13:40	12/02/10 11:59	7782-49-2	
Silver	ND	mg/kg	0.38	1	11/30/10 13:40	12/02/10 11:59	7440-22-4	
Thallium	ND	mg/kg	0.76	1	11/30/10 13:40	12/02/10 11:59	7440-28-0	
Zinc	ND	mg/kg	0.76	1	11/30/10 13:40	12/02/10 11:59	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.0078**	mg/kg	0.0049	1	12/02/10 15:00	12/03/10 14:18	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	83-32-9	
Acenaphthylene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	208-96-8	
Aniline	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	62-53-3	
Anthracene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	120-12-7	
Benzo(a)anthracene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	56-55-3	
Benzo(a)pyrene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	207-08-9	
Benzoic Acid	ND	ug/kg	1880	1	11/30/10 14:00	12/02/10 19:43	65-85-0	
Benzyl alcohol	ND	ug/kg	754	1	11/30/10 14:00	12/02/10 19:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	754	1	11/30/10 14:00	12/02/10 19:43	59-50-7	
4-Chloroaniline	ND	ug/kg	1880	1	11/30/10 14:00	12/02/10 19:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	108-60-1	
2-Chloronaphthalene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	91-58-7	
2-Chlorophenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	7005-72-3	
Chrysene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	53-70-3	
Dibenzofuran	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1880	1	11/30/10 14:00	12/02/10 19:43	91-94-1	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S32-6-7 **Lab ID: 9282618023** Collected: 11/19/10 12:50 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	120-83-2	
Diethylphthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	105-67-9	
Dimethylphthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	754	1	11/30/10 14:00	12/02/10 19:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1880	1	11/30/10 14:00	12/02/10 19:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	117-81-7	
Fluoranthene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	206-44-0	
Fluorene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	87-68-3	
Hexachlorobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	77-47-4	
Hexachloroethane	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	193-39-5	
Isophorone	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43		
Naphthalene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	91-20-3	
2-Nitroaniline	ND	ug/kg	1880	1	11/30/10 14:00	12/02/10 19:43	88-74-4	
3-Nitroaniline	ND	ug/kg	1880	1	11/30/10 14:00	12/02/10 19:43	99-09-2	
4-Nitroaniline	ND	ug/kg	754	1	11/30/10 14:00	12/02/10 19:43	100-01-6	
Nitrobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	98-95-3	
2-Nitrophenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	88-75-5	
4-Nitrophenol	ND	ug/kg	1880	1	11/30/10 14:00	12/02/10 19:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	86-30-6	
Pentachlorophenol	ND	ug/kg	1880	1	11/30/10 14:00	12/02/10 19:43	87-86-5	
Phenanthrene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	85-01-8	
Phenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	108-95-2	
Pyrene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	377	1	11/30/10 14:00	12/02/10 19:43	88-06-2	
Nitrobenzene-d5 (S)	48	%	23-110	1	11/30/10 14:00	12/02/10 19:43	4165-60-0	
2-Fluorobiphenyl (S)	52	%	30-110	1	11/30/10 14:00	12/02/10 19:43	321-60-8	
Terphenyl-d14 (S)	65	%	28-110	1	11/30/10 14:00	12/02/10 19:43	1718-51-0	
Phenol-d6 (S)	47	%	22-110	1	11/30/10 14:00	12/02/10 19:43	13127-88-3	
2-Fluorophenol (S)	46	%	13-110	1	11/30/10 14:00	12/02/10 19:43	367-12-4	
2,4,6-Tribromophenol (S)	70	%	27-110	1	11/30/10 14:00	12/02/10 19:43	118-79-6	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S32-6-7 **Lab ID: 9282618023** Collected: 11/19/10 12:50 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	82.7	1		12/03/10 15:48	67-64-1	
Benzene	ND	ug/kg	4.1	1		12/03/10 15:48	71-43-2	
Bromobenzene	ND	ug/kg	4.1	1		12/03/10 15:48	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	1		12/03/10 15:48	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1		12/03/10 15:48	75-27-4	
Bromoform	ND	ug/kg	4.1	1		12/03/10 15:48	75-25-2	
Bromomethane	ND	ug/kg	8.3	1		12/03/10 15:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	82.7	1		12/03/10 15:48	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1		12/03/10 15:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1		12/03/10 15:48	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.1	1		12/03/10 15:48	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.1	1		12/03/10 15:48	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		12/03/10 15:48	108-90-7	
Chloroethane	ND	ug/kg	8.3	1		12/03/10 15:48	75-00-3	
Chloroform	ND	ug/kg	4.1	1		12/03/10 15:48	67-66-3	
Chloromethane	ND	ug/kg	8.3	1		12/03/10 15:48	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.1	1		12/03/10 15:48	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.1	1		12/03/10 15:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		12/03/10 15:48	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		12/03/10 15:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		12/03/10 15:48	106-93-4	
Dibromomethane	ND	ug/kg	4.1	1		12/03/10 15:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		12/03/10 15:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		12/03/10 15:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		12/03/10 15:48	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.3	1		12/03/10 15:48	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		12/03/10 15:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		12/03/10 15:48	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		12/03/10 15:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		12/03/10 15:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		12/03/10 15:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		12/03/10 15:48	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.1	1		12/03/10 15:48	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.1	1		12/03/10 15:48	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.1	1		12/03/10 15:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		12/03/10 15:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		12/03/10 15:48	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.1	1		12/03/10 15:48	108-20-3	
Ethylbenzene	ND	ug/kg	4.1	1		12/03/10 15:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	1		12/03/10 15:48	87-68-3	
2-Hexanone	ND	ug/kg	41.3	1		12/03/10 15:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		12/03/10 15:48	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1		12/03/10 15:48	99-87-6	
Methylene Chloride	ND	ug/kg	16.5	1		12/03/10 15:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	41.3	1		12/03/10 15:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		12/03/10 15:48	1634-04-4	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: S32-6-7 **Lab ID: 9282618023** Collected: 11/19/10 12:50 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	4.1	1		12/03/10 15:48	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1		12/03/10 15:48	103-65-1	
Styrene	ND	ug/kg	4.1	1		12/03/10 15:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	1		12/03/10 15:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		12/03/10 15:48	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		12/03/10 15:48	127-18-4	
Toluene	ND	ug/kg	4.1	1		12/03/10 15:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1		12/03/10 15:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		12/03/10 15:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		12/03/10 15:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		12/03/10 15:48	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		12/03/10 15:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		12/03/10 15:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.1	1		12/03/10 15:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		12/03/10 15:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		12/03/10 15:48	108-67-8	
Vinyl acetate	ND	ug/kg	41.3	1		12/03/10 15:48	108-05-4	
Vinyl chloride	ND	ug/kg	8.3	1		12/03/10 15:48	75-01-4	
Xylene (Total)	ND	ug/kg	8.3	1		12/03/10 15:48	1330-20-7	
m&p-Xylene	ND	ug/kg	8.3	1		12/03/10 15:48	179601-23-1	
o-Xylene	ND	ug/kg	4.1	1		12/03/10 15:48	95-47-6	
Dibromofluoromethane (S)	108	%	70-130	1		12/03/10 15:48	1868-53-7	
Toluene-d8 (S)	102	%	70-130	1		12/03/10 15:48	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1		12/03/10 15:48	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-132	1		12/03/10 15:48	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.5**	%	0.10	1		11/23/10 15:27		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: DUP **Lab ID: 9282618024** Collected: 11/19/10 00:00 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Antimony	ND	mg/kg	0.53	1	11/30/10 13:40	12/02/10 12:03	7440-36-0	
Arsenic	**0.82**	mg/kg	0.53	1	11/30/10 13:40	12/02/10 12:03	7440-38-2	
Beryllium	ND	mg/kg	0.11	1	11/30/10 13:40	12/02/10 12:03	7440-41-7	
Cadmium	ND	mg/kg	0.11	1	11/30/10 13:40	12/02/10 12:03	7440-43-9	
Chromium	**3.0**	mg/kg	0.53	1	11/30/10 13:40	12/02/10 12:03	7440-47-3	
Copper	ND	mg/kg	0.53	1	11/30/10 13:40	12/02/10 12:03	7440-50-8	
Lead	**1.9**	mg/kg	0.53	1	11/30/10 13:40	12/02/10 12:03	7439-92-1	
Nickel	**0.65**	mg/kg	0.53	1	11/30/10 13:40	12/02/10 12:03	7440-02-0	
Selenium	ND	mg/kg	1.1	1	11/30/10 13:40	12/02/10 12:03	7782-49-2	
Silver	ND	mg/kg	0.53	1	11/30/10 13:40	12/02/10 12:03	7440-22-4	
Thallium	ND	mg/kg	1.1	1	11/30/10 13:40	12/02/10 12:03	7440-28-0	
Zinc	ND	mg/kg	1.1	1	11/30/10 13:40	12/02/10 12:03	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.0085**	mg/kg	0.0045	1	12/02/10 15:00	12/03/10 14:20	7439-97-6	
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	83-32-9	
Acenaphthylene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	208-96-8	
Aniline	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	62-53-3	
Anthracene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	120-12-7	
Benzo(a)anthracene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	56-55-3	
Benzo(a)pyrene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	207-08-9	
Benzoic Acid	ND	ug/kg	1860	1	11/30/10 14:00	12/02/10 20:11	65-85-0	
Benzyl alcohol	ND	ug/kg	745	1	11/30/10 14:00	12/02/10 20:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	745	1	11/30/10 14:00	12/02/10 20:11	59-50-7	
4-Chloroaniline	ND	ug/kg	1860	1	11/30/10 14:00	12/02/10 20:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	108-60-1	
2-Chloronaphthalene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	91-58-7	
2-Chlorophenol	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	7005-72-3	
Chrysene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	53-70-3	
Dibenzofuran	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1860	1	11/30/10 14:00	12/02/10 20:11	91-94-1	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: DUP **Lab ID: 9282618024** Collected: 11/19/10 00:00 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	120-83-2	
Diethylphthalate	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	105-67-9	
Dimethylphthalate	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	745	1	11/30/10 14:00	12/02/10 20:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1860	1	11/30/10 14:00	12/02/10 20:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	117-81-7	
Fluoranthene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	206-44-0	
Fluorene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	87-68-3	
Hexachlorobenzene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	77-47-4	
Hexachloroethane	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	193-39-5	
Isophorone	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	78-59-1	
1-Methylnaphthalene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	90-12-0	
2-Methylnaphthalene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11		
Naphthalene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	91-20-3	
2-Nitroaniline	ND	ug/kg	1860	1	11/30/10 14:00	12/02/10 20:11	88-74-4	
3-Nitroaniline	ND	ug/kg	1860	1	11/30/10 14:00	12/02/10 20:11	99-09-2	
4-Nitroaniline	ND	ug/kg	745	1	11/30/10 14:00	12/02/10 20:11	100-01-6	
Nitrobenzene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	98-95-3	
2-Nitrophenol	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	88-75-5	
4-Nitrophenol	ND	ug/kg	1860	1	11/30/10 14:00	12/02/10 20:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	86-30-6	
Pentachlorophenol	ND	ug/kg	1860	1	11/30/10 14:00	12/02/10 20:11	87-86-5	
Phenanthrene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	85-01-8	
Phenol	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	108-95-2	
Pyrene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	372	1	11/30/10 14:00	12/02/10 20:11	88-06-2	
Nitrobenzene-d5 (S)	45	%	23-110	1	11/30/10 14:00	12/02/10 20:11	4165-60-0	
2-Fluorobiphenyl (S)	51	%	30-110	1	11/30/10 14:00	12/02/10 20:11	321-60-8	
Terphenyl-d14 (S)	52	%	28-110	1	11/30/10 14:00	12/02/10 20:11	1718-51-0	
Phenol-d6 (S)	40	%	22-110	1	11/30/10 14:00	12/02/10 20:11	13127-88-3	
2-Fluorophenol (S)	42	%	13-110	1	11/30/10 14:00	12/02/10 20:11	367-12-4	
2,4,6-Tribromophenol (S)	59	%	27-110	1	11/30/10 14:00	12/02/10 20:11	118-79-6	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: DUP **Lab ID: 9282618024** Collected: 11/19/10 00:00 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	72.9	1		12/03/10 16:06	67-64-1	
Benzene	ND	ug/kg	3.6	1		12/03/10 16:06	71-43-2	
Bromobenzene	ND	ug/kg	3.6	1		12/03/10 16:06	108-86-1	
Bromochloromethane	ND	ug/kg	3.6	1		12/03/10 16:06	74-97-5	
Bromodichloromethane	ND	ug/kg	3.6	1		12/03/10 16:06	75-27-4	
Bromoform	ND	ug/kg	3.6	1		12/03/10 16:06	75-25-2	
Bromomethane	ND	ug/kg	7.3	1		12/03/10 16:06	74-83-9	
2-Butanone (MEK)	ND	ug/kg	72.9	1		12/03/10 16:06	78-93-3	
n-Butylbenzene	ND	ug/kg	3.6	1		12/03/10 16:06	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.6	1		12/03/10 16:06	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.6	1		12/03/10 16:06	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.6	1		12/03/10 16:06	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1		12/03/10 16:06	108-90-7	
Chloroethane	ND	ug/kg	7.3	1		12/03/10 16:06	75-00-3	
Chloroform	ND	ug/kg	3.6	1		12/03/10 16:06	67-66-3	
Chloromethane	ND	ug/kg	7.3	1		12/03/10 16:06	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.6	1		12/03/10 16:06	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.6	1		12/03/10 16:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.6	1		12/03/10 16:06	96-12-8	
Dibromochloromethane	ND	ug/kg	3.6	1		12/03/10 16:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1		12/03/10 16:06	106-93-4	
Dibromomethane	ND	ug/kg	3.6	1		12/03/10 16:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.6	1		12/03/10 16:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1		12/03/10 16:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1		12/03/10 16:06	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.3	1		12/03/10 16:06	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.6	1		12/03/10 16:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.6	1		12/03/10 16:06	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.6	1		12/03/10 16:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	1		12/03/10 16:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	1		12/03/10 16:06	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.6	1		12/03/10 16:06	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.6	1		12/03/10 16:06	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.6	1		12/03/10 16:06	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.6	1		12/03/10 16:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1		12/03/10 16:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1		12/03/10 16:06	10061-02-6	
Diisopropyl ether	ND	ug/kg	3.6	1		12/03/10 16:06	108-20-3	
Ethylbenzene	ND	ug/kg	3.6	1		12/03/10 16:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.6	1		12/03/10 16:06	87-68-3	
2-Hexanone	ND	ug/kg	36.5	1		12/03/10 16:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1		12/03/10 16:06	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.6	1		12/03/10 16:06	99-87-6	
Methylene Chloride	ND	ug/kg	14.6	1		12/03/10 16:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	36.5	1		12/03/10 16:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.6	1		12/03/10 16:06	1634-04-4	

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Asheville, NC 28804
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9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Sample: DUP **Lab ID: 9282618024** Collected: 11/19/10 00:00 Received: 11/20/10 09:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Naphthalene	ND	ug/kg	3.6	1		12/03/10 16:06	91-20-3	
n-Propylbenzene	ND	ug/kg	3.6	1		12/03/10 16:06	103-65-1	
Styrene	ND	ug/kg	3.6	1		12/03/10 16:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.6	1		12/03/10 16:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1		12/03/10 16:06	79-34-5	
Tetrachloroethene	ND	ug/kg	3.6	1		12/03/10 16:06	127-18-4	
Toluene	ND	ug/kg	3.6	1		12/03/10 16:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.6	1		12/03/10 16:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1		12/03/10 16:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1		12/03/10 16:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1		12/03/10 16:06	79-00-5	
Trichloroethene	ND	ug/kg	3.6	1		12/03/10 16:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.6	1		12/03/10 16:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.6	1		12/03/10 16:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.6	1		12/03/10 16:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.6	1		12/03/10 16:06	108-67-8	
Vinyl acetate	ND	ug/kg	36.5	1		12/03/10 16:06	108-05-4	
Vinyl chloride	ND	ug/kg	7.3	1		12/03/10 16:06	75-01-4	
Xylene (Total)	ND	ug/kg	7.3	1		12/03/10 16:06	1330-20-7	
m&p-Xylene	ND	ug/kg	7.3	1		12/03/10 16:06	179601-23-1	
o-Xylene	ND	ug/kg	3.6	1		12/03/10 16:06	95-47-6	
Dibromofluoromethane (S)	100	%	70-130	1		12/03/10 16:06	1868-53-7	
Toluene-d8 (S)	102	%	70-130	1		12/03/10 16:06	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		12/03/10 16:06	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-132	1		12/03/10 16:06	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.6**	%	0.10	1		11/23/10 15:18		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: MPRP/7503 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 9282618004, 9282618005, 9282618006, 9282618007, 9282618008, 9282618009, 9282618010, 9282618011, 9282618012, 9282618013, 9282618014, 9282618015, 9282618016, 9282618017, 9282618018, 9282618019, 9282618020, 9282618021, 9282618022

METHOD BLANK: 533727 Matrix: Solid
Associated Lab Samples: 9282618004, 9282618005, 9282618006, 9282618007, 9282618008, 9282618009, 9282618010, 9282618011, 9282618012, 9282618013, 9282618014, 9282618015, 9282618016, 9282618017, 9282618018, 9282618019, 9282618020, 9282618021, 9282618022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	mg/kg	ND	0.50	11/30/10 15:28	
Arsenic	mg/kg	ND	0.50	11/30/10 15:28	
Beryllium	mg/kg	ND	0.10	11/30/10 15:28	
Cadmium	mg/kg	ND	0.10	11/30/10 15:28	
Chromium	mg/kg	ND	0.50	11/30/10 15:28	
Copper	mg/kg	ND	0.50	11/30/10 15:28	
Lead	mg/kg	ND	0.50	11/30/10 15:28	
Nickel	mg/kg	ND	0.50	11/30/10 15:28	
Selenium	mg/kg	ND	1.0	11/30/10 15:28	
Silver	mg/kg	ND	0.50	11/30/10 15:28	
Thallium	mg/kg	ND	1.0	11/30/10 15:28	
Zinc	mg/kg	ND	1.0	11/30/10 15:28	

LABORATORY CONTROL SAMPLE: 533728

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/kg	50	48.7	97	80-120	
Arsenic	mg/kg	50	49.3	99	80-120	
Beryllium	mg/kg	50	50.3	101	80-120	
Cadmium	mg/kg	50	49.6	99	80-120	
Chromium	mg/kg	50	50.5	101	80-120	
Copper	mg/kg	50	48.9	98	80-120	
Lead	mg/kg	50	48.8	98	80-120	
Nickel	mg/kg	50	49.5	99	80-120	
Selenium	mg/kg	50	47.5	95	80-120	
Silver	mg/kg	25	23.4	94	80-120	
Thallium	mg/kg	50	47.9	96	80-120	
Zinc	mg/kg	50	49.1	98	80-120	

MATRIX SPIKE SAMPLE: 533729

Parameter	Units	9282630002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	mg/kg	ND	43.9	41.9	95	75-125	
Arsenic	mg/kg	ND	43.9	42.4	96	75-125	
Beryllium	mg/kg	ND	43.9	43.2	98	75-125	
Cadmium	mg/kg	ND	43.9	42.5	97	75-125	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

MATRIX SPIKE SAMPLE: 533729

Parameter	Units	9282630002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/kg	ND	43.9	43.2	98	75-125	
Copper	mg/kg	ND	43.9	42.5	97	75-125	
Lead	mg/kg	ND	43.9	42.0	96	75-125	
Nickel	mg/kg	ND	43.9	42.6	97	75-125	
Selenium	mg/kg	ND	43.9	41.4	94	75-125	
Silver	mg/kg	ND	21.9	20.1	92	75-125	
Thallium	mg/kg	ND	43.9	41.7	94	75-125	
Zinc	mg/kg	ND	43.9	42.0	96	75-125	

SAMPLE DUPLICATE: 533730

Parameter	Units	9282618004 Result	Dup Result	RPD	Qualifiers
Antimony	mg/kg	ND	.34J		
Arsenic	mg/kg	1.7	1.7	4	
Beryllium	mg/kg	ND	.05J		
Cadmium	mg/kg	ND	ND		
Chromium	mg/kg	4.9	5.3	6	
Copper	mg/kg	1.0	1.2	12	
Lead	mg/kg	3.7	4.2	13	
Nickel	mg/kg	1.1	1.2	13	
Selenium	mg/kg	ND	ND		
Silver	mg/kg	ND	ND		
Thallium	mg/kg	ND	ND		
Zinc	mg/kg	1.5	1.7	12	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: MPRP/7509 | Analysis Method: EPA 6010
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Associated Lab Samples: 9282618023, 9282618024

METHOD BLANK: 533940 | Matrix: Solid
Associated Lab Samples: 9282618023, 9282618024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	mg/kg	ND	0.50	12/01/10 16:59	
Arsenic	mg/kg	ND	0.50	12/01/10 16:59	
Beryllium	mg/kg	ND	0.10	12/01/10 16:59	
Cadmium	mg/kg	ND	0.10	12/01/10 16:59	
Chromium	mg/kg	ND	0.50	12/01/10 16:59	
Copper	mg/kg	ND	0.50	12/01/10 16:59	
Lead	mg/kg	ND	0.50	12/01/10 16:59	
Nickel	mg/kg	ND	0.50	12/01/10 16:59	
Selenium	mg/kg	ND	1.0	12/01/10 16:59	
Silver	mg/kg	ND	0.50	12/01/10 16:59	
Thallium	mg/kg	ND	1.0	12/01/10 16:59	
Zinc	mg/kg	ND	1.0	12/01/10 16:59	

LABORATORY CONTROL SAMPLE: 533941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/kg	50	49.8	100	80-120	
Arsenic	mg/kg	50	50.2	100	80-120	
Beryllium	mg/kg	50	51.2	102	80-120	
Cadmium	mg/kg	50	50.9	102	80-120	
Chromium	mg/kg	50	50.8	102	80-120	
Copper	mg/kg	50	50.1	100	80-120	
Lead	mg/kg	50	50.5	101	80-120	
Nickel	mg/kg	50	50.9	102	80-120	
Selenium	mg/kg	50	49.2	98	80-120	
Silver	mg/kg	25	23.8	95	80-120	
Thallium	mg/kg	50	48.4	97	80-120	
Zinc	mg/kg	50	49.2	98	80-120	

MATRIX SPIKE SAMPLE: 533942

Parameter	Units	9282618023 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	mg/kg	ND	44.7	29.8	67	75-125	M0
Arsenic	mg/kg	ND	44.7	44.3	99	75-125	
Beryllium	mg/kg	ND	44.7	45.9	103	75-125	
Cadmium	mg/kg	ND	44.7	44.8	100	75-125	
Chromium	mg/kg	3.8	44.7	50.4	105	75-125	
Copper	mg/kg	ND	44.7	46.8	104	75-125	
Lead	mg/kg	2.6	44.7	45.9	97	75-125	
Nickel	mg/kg	ND	44.7	45.0	100	75-125	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

MATRIX SPIKE SAMPLE: 533942

Parameter	Units	9282618023 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Selenium	mg/kg	ND	44.7	43.6	98	75-125	
Silver	mg/kg	ND	22.3	21.5	96	75-125	
Thallium	mg/kg	ND	44.7	41.4	93	75-125	
Zinc	mg/kg	ND	44.7	45.4	101	75-125	

SAMPLE DUPLICATE: 533943

Parameter	Units	9282618024 Result	Dup Result	RPD	Qualifiers
Antimony	mg/kg	ND	ND		
Arsenic	mg/kg	0.82	.39J		
Beryllium	mg/kg	ND	ND		
Cadmium	mg/kg	ND	ND		
Chromium	mg/kg	3.0	3.9	27	R1
Copper	mg/kg	ND	.38J		
Lead	mg/kg	1.9	1.9	4	
Nickel	mg/kg	0.65	0.73	12	
Selenium	mg/kg	ND	ND		
Silver	mg/kg	ND	ND		
Thallium	mg/kg	ND	ND		
Zinc	mg/kg	ND	.78J		

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: MPRP/7500 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 9282618001, 9282618002, 9282618003

METHOD BLANK: 533627 Matrix: Water
Associated Lab Samples: 9282618001, 9282618002, 9282618003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	12/01/10 01:54	
Arsenic	ug/L	ND	5.0	12/01/10 01:54	
Beryllium	ug/L	ND	1.0	12/01/10 01:54	
Cadmium	ug/L	ND	1.0	12/01/10 01:54	
Chromium	ug/L	ND	5.0	12/01/10 01:54	
Copper	ug/L	ND	5.0	12/01/10 01:54	
Lead	ug/L	ND	5.0	12/01/10 01:54	
Nickel	ug/L	ND	5.0	12/01/10 01:54	
Selenium	ug/L	ND	10.0	12/01/10 01:54	
Silver	ug/L	ND	5.0	12/01/10 01:54	
Thallium	ug/L	ND	10.0	12/01/10 01:54	
Zinc	ug/L	ND	10.0	12/01/10 01:54	

LABORATORY CONTROL SAMPLE: 533628

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	432	86	80-120	
Arsenic	ug/L	500	438	88	80-120	
Beryllium	ug/L	500	448	90	80-120	
Cadmium	ug/L	500	444	89	80-120	
Chromium	ug/L	500	442	88	80-120	
Copper	ug/L	500	431	86	80-120	
Lead	ug/L	500	438	88	80-120	
Nickel	ug/L	500	440	88	80-120	
Selenium	ug/L	500	429	86	80-120	
Silver	ug/L	250	222	89	80-120	
Thallium	ug/L	500	423	85	80-120	
Zinc	ug/L	500	442	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 533629 533630

Parameter	Units	9282437002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony	ug/L	ND	500	500	476	448	95	89	75-125	6	
Arsenic	ug/L	ND	500	500	482	448	96	90	75-125	7	
Beryllium	ug/L	0.45J	500	500	496	464	99	93	75-125	7	
Cadmium	ug/L	ND	500	500	482	452	96	90	75-125	6	
Chromium	ug/L	2.0J	500	500	491	469	98	93	75-125	5	
Copper	ug/L	1.7J	500	500	481	455	96	91	75-125	6	
Lead	ug/L	ND	500	500	467	438	93	87	75-125	6	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 533629 533630

Parameter	Units	9282437002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Nickel	ug/L	ND	500	500	482	453	96	90	75-125	6	
Selenium	ug/L	ND	500	500	472	442	94	88	75-125	7	
Silver	ug/L	ND	250	250	236	219	94	88	75-125	7	
Thallium	ug/L	ND	500	500	456	427	91	85	75-125	7	
Zinc	ug/L	10.1	500	500	491	461	96	90	75-125	6	

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QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: MERP/3162 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 9282618001, 9282618002, 9282618003

METHOD BLANK: 534624 Matrix: Water
Associated Lab Samples: 9282618001, 9282618002, 9282618003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	12/02/10 11:33	

LABORATORY CONTROL SAMPLE: 534625

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.4	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 534626 534627

Parameter	Units	9281794015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.1	2.3	84	92	75-125	9	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 534628 534629

Parameter	Units	9282686001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.1	2.3	83	88	75-125	6	

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(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: MERP/3165 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 9282618004, 9282618005, 9282618006, 9282618007, 9282618008, 9282618009, 9282618010, 9282618011, 9282618012, 9282618013, 9282618014, 9282618015, 9282618016, 9282618017, 9282618018

METHOD BLANK: 535238 Matrix: Solid
Associated Lab Samples: 9282618004, 9282618005, 9282618006, 9282618007, 9282618008, 9282618009, 9282618010, 9282618011, 9282618012, 9282618013, 9282618014, 9282618015, 9282618016, 9282618017, 9282618018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0050	12/03/10 12:18	

LABORATORY CONTROL SAMPLE: 535239

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.067	0.067	100	80-120	

MATRIX SPIKE SAMPLE: 535240

Parameter	Units	9282618004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.031	.076	0.097	88	75-125	

MATRIX SPIKE SAMPLE: 535241

Parameter	Units	9282618005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.033	.076	0.097	84	75-125	

SAMPLE DUPLICATE: 535242

Parameter	Units	9282618006 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	0.063	0.023	92	R1

SAMPLE DUPLICATE: 535243

Parameter	Units	9282618007 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	0.025	0.019	26	R1

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(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: MERP/3166 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 9282618019, 9282618020, 9282618021, 9282618022, 9282618023, 9282618024

METHOD BLANK: 535244 Matrix: Solid
Associated Lab Samples: 9282618019, 9282618020, 9282618021, 9282618022, 9282618023, 9282618024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0050	12/03/10 13:46	

LABORATORY CONTROL SAMPLE: 535245

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.067	0.073	110	80-120	

MATRIX SPIKE SAMPLE: 535246

Parameter	Units	9282618019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.021	.08	0.12	119	75-125	

MATRIX SPIKE SAMPLE: 535247

Parameter	Units	9282618020 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.034	.077	0.11	94	75-125	

SAMPLE DUPLICATE: 535248

Parameter	Units	9282618021 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	0.014	0.013	4	

SAMPLE DUPLICATE: 535249

Parameter	Units	9282618022 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	0.054	0.045	17	

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(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: OEXT/11968 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9282618004, 9282618005, 9282618006, 9282618007

METHOD BLANK: 532034 Matrix: Solid
Associated Lab Samples: 9282618004, 9282618005, 9282618006, 9282618007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	11/29/10 12:12	
1,2-Dichlorobenzene	ug/kg	ND	330	11/29/10 12:12	
1,3-Dichlorobenzene	ug/kg	ND	330	11/29/10 12:12	
1,4-Dichlorobenzene	ug/kg	ND	330	11/29/10 12:12	
1-Methylnaphthalene	ug/kg	ND	330	11/29/10 12:12	
2,4,5-Trichlorophenol	ug/kg	ND	330	11/29/10 12:12	
2,4,6-Trichlorophenol	ug/kg	ND	330	11/29/10 12:12	
2,4-Dichlorophenol	ug/kg	ND	330	11/29/10 12:12	
2,4-Dimethylphenol	ug/kg	ND	330	11/29/10 12:12	
2,4-Dinitrophenol	ug/kg	ND	1650	11/29/10 12:12	
2,4-Dinitrotoluene	ug/kg	ND	330	11/29/10 12:12	
2,6-Dinitrotoluene	ug/kg	ND	330	11/29/10 12:12	
2-Chloronaphthalene	ug/kg	ND	330	11/29/10 12:12	
2-Chlorophenol	ug/kg	ND	330	11/29/10 12:12	
2-Methylnaphthalene	ug/kg	ND	330	11/29/10 12:12	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	11/29/10 12:12	
2-Nitroaniline	ug/kg	ND	1650	11/29/10 12:12	
2-Nitrophenol	ug/kg	ND	330	11/29/10 12:12	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	11/29/10 12:12	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	11/29/10 12:12	
3-Nitroaniline	ug/kg	ND	1650	11/29/10 12:12	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	11/29/10 12:12	
4-Bromophenylphenyl ether	ug/kg	ND	330	11/29/10 12:12	
4-Chloro-3-methylphenol	ug/kg	ND	660	11/29/10 12:12	
4-Chloroaniline	ug/kg	ND	1650	11/29/10 12:12	
4-Chlorophenylphenyl ether	ug/kg	ND	330	11/29/10 12:12	
4-Nitroaniline	ug/kg	ND	660	11/29/10 12:12	
4-Nitrophenol	ug/kg	ND	1650	11/29/10 12:12	
Acenaphthene	ug/kg	ND	330	11/29/10 12:12	
Acenaphthylene	ug/kg	ND	330	11/29/10 12:12	
Aniline	ug/kg	ND	330	11/29/10 12:12	
Anthracene	ug/kg	ND	330	11/29/10 12:12	
Benzo(a)anthracene	ug/kg	ND	330	11/29/10 12:12	
Benzo(a)pyrene	ug/kg	ND	330	11/29/10 12:12	
Benzo(b)fluoranthene	ug/kg	ND	330	11/29/10 12:12	
Benzo(g,h,i)perylene	ug/kg	ND	330	11/29/10 12:12	
Benzo(k)fluoranthene	ug/kg	ND	330	11/29/10 12:12	
Benzoic Acid	ug/kg	ND	1650	11/29/10 12:12	
Benzyl alcohol	ug/kg	ND	660	11/29/10 12:12	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	11/29/10 12:12	
bis(2-Chloroethyl) ether	ug/kg	ND	330	11/29/10 12:12	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	11/29/10 12:12	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	11/29/10 12:12	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

METHOD BLANK: 532034 Matrix: Solid

Associated Lab Samples: 9282618004, 9282618005, 9282618006, 9282618007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	330	11/29/10 12:12	
Chrysene	ug/kg	ND	330	11/29/10 12:12	
Di-n-butylphthalate	ug/kg	ND	330	11/29/10 12:12	
Di-n-octylphthalate	ug/kg	ND	330	11/29/10 12:12	
Dibenz(a,h)anthracene	ug/kg	ND	330	11/29/10 12:12	
Dibenzofuran	ug/kg	ND	330	11/29/10 12:12	
Diethylphthalate	ug/kg	ND	330	11/29/10 12:12	
Dimethylphthalate	ug/kg	ND	330	11/29/10 12:12	
Fluoranthene	ug/kg	ND	330	11/29/10 12:12	
Fluorene	ug/kg	ND	330	11/29/10 12:12	
Hexachloro-1,3-butadiene	ug/kg	ND	330	11/29/10 12:12	
Hexachlorobenzene	ug/kg	ND	330	11/29/10 12:12	
Hexachlorocyclopentadiene	ug/kg	ND	330	11/29/10 12:12	
Hexachloroethane	ug/kg	ND	330	11/29/10 12:12	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	11/29/10 12:12	
Isophorone	ug/kg	ND	330	11/29/10 12:12	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	11/29/10 12:12	
N-Nitrosodimethylamine	ug/kg	ND	330	11/29/10 12:12	
N-Nitrosodiphenylamine	ug/kg	ND	330	11/29/10 12:12	
Naphthalene	ug/kg	ND	330	11/29/10 12:12	
Nitrobenzene	ug/kg	ND	330	11/29/10 12:12	
Pentachlorophenol	ug/kg	ND	1650	11/29/10 12:12	
Phenanthrene	ug/kg	ND	330	11/29/10 12:12	
Phenol	ug/kg	ND	330	11/29/10 12:12	
Pyrene	ug/kg	ND	330	11/29/10 12:12	
2,4,6-Tribromophenol (S)	%	33	27-110	11/29/10 12:12	
2-Fluorobiphenyl (S)	%	34	30-110	11/29/10 12:12	
2-Fluorophenol (S)	%	33	13-110	11/29/10 12:12	
Nitrobenzene-d5 (S)	%	31	23-110	11/29/10 12:12	
Phenol-d6 (S)	%	31	22-110	11/29/10 12:12	
Terphenyl-d14 (S)	%	45	28-110	11/29/10 12:12	

LABORATORY CONTROL SAMPLE: 532035

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1100	66	39-101	
1,2-Dichlorobenzene	ug/kg	1670	1040	62	36-110	
1,3-Dichlorobenzene	ug/kg	1670	1010	61	35-110	
1,4-Dichlorobenzene	ug/kg	1670	1010	61	35-110	
1-Methylnaphthalene	ug/kg	1670	1140	68	45-105	
2,4,5-Trichlorophenol	ug/kg	1670	1210	73	48-109	
2,4,6-Trichlorophenol	ug/kg	1670	1230	74	45-111	
2,4-Dichlorophenol	ug/kg	1670	1170	70	51-116	
2,4-Dimethylphenol	ug/kg	1670	1250	75	42-103	
2,4-Dinitrophenol	ug/kg	8330	4880	59	28-103	

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Asheville, NC 28804
(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 532035

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	1670	1200	72	46-114	
2,6-Dinitrotoluene	ug/kg	1670	1190	71	48-112	
2-Chloronaphthalene	ug/kg	1670	1290	78	44-105	
2-Chlorophenol	ug/kg	1670	1090	66	36-110	
2-Methylnaphthalene	ug/kg	1670	1120	67	39-112	
2-Methylphenol(o-Cresol)	ug/kg	1670	1190	71	39-101	
2-Nitroaniline	ug/kg	3330	2360	71	44-111	
2-Nitrophenol	ug/kg	1670	1110	66	41-100	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1210	73	43-103	
3,3'-Dichlorobenzidine	ug/kg	3330	1900	57	10-150	
3-Nitroaniline	ug/kg	3330	2250	67	35-110	
4,6-Dinitro-2-methylphenol	ug/kg	3330	2210	66	38-118	
4-Bromophenylphenyl ether	ug/kg	1670	1140	69	47-115	
4-Chloro-3-methylphenol	ug/kg	3330	2370	71	43-127	
4-Chloroaniline	ug/kg	3330	2150	65	34-109	
4-Chlorophenylphenyl ether	ug/kg	1670	1200	72	44-115	
4-Nitroaniline	ug/kg	3330	2320	69	37-111	
4-Nitrophenol	ug/kg	8330	5880	71	21-152	
Acenaphthene	ug/kg	1670	1270	76	38-117	
Acenaphthylene	ug/kg	1670	1260	76	46-107	
Aniline	ug/kg	1670	1080	65	29-110	
Anthracene	ug/kg	1670	1230	74	50-110	
Benzo(a)anthracene	ug/kg	1670	1180	71	47-116	
Benzo(a)pyrene	ug/kg	1670	1100	66	47-106	
Benzo(b)fluoranthene	ug/kg	1670	1120	67	47-109	
Benzo(g,h,i)perylene	ug/kg	1670	1140	68	39-115	
Benzo(k)fluoranthene	ug/kg	1670	1140	68	45-117	
Benzoic Acid	ug/kg	8330	3190	38	16-110	
Benzyl alcohol	ug/kg	3330	2360	71	38-105	
bis(2-Chloroethoxy)methane	ug/kg	1670	1050	63	39-110	
bis(2-Chloroethyl) ether	ug/kg	1670	1090	66	19-119	
bis(2-Chloroisopropyl) ether	ug/kg	1670	978	59	21-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1030	62	35-116	
Butylbenzylphthalate	ug/kg	1670	1030	62	38-110	
Chrysene	ug/kg	1670	1170	70	49-110	
Di-n-butylphthalate	ug/kg	1670	1070	64	43-109	
Di-n-octylphthalate	ug/kg	1670	1010	60	37-109	
Dibenz(a,h)anthracene	ug/kg	1670	1110	66	43-116	
Dibenzofuran	ug/kg	1670	1250	75	45-106	
Diethylphthalate	ug/kg	1670	1100	66	41-114	
Dimethylphthalate	ug/kg	1670	1100	66	43-110	
Fluoranthene	ug/kg	1670	1220	73	50-114	
Fluorene	ug/kg	1670	1270	76	46-114	
Hexachloro-1,3-butadiene	ug/kg	1670	1000	60	28-111	
Hexachlorobenzene	ug/kg	1670	1190	72	46-120	
Hexachlorocyclopentadiene	ug/kg	1670	1210	73	18-119	
Hexachloroethane	ug/kg	1670	1000	60	33-110	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1120	67	42-115	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 532035

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/kg	1670	1150	69	44-109	
N-Nitroso-di-n-propylamine	ug/kg	1670	1140	69	43-104	
N-Nitrosodimethylamine	ug/kg	1670	1060	63	29-110	
N-Nitrosodiphenylamine	ug/kg	1670	1210	73	48-113	
Naphthalene	ug/kg	1670	1130	68	41-110	
Nitrobenzene	ug/kg	1670	1070	64	38-110	
Pentachlorophenol	ug/kg	3330	2310	69	32-128	
Phenanthrene	ug/kg	1670	1210	73	50-110	
Phenol	ug/kg	1670	1130	68	28-106	
Pyrene	ug/kg	1670	1200	72	45-114	
2,4,6-Tribromophenol (S)	%			71	27-110	
2-Fluorobiphenyl (S)	%			69	30-110	
2-Fluorophenol (S)	%			60	13-110	
Nitrobenzene-d5 (S)	%			63	23-110	
Phenol-d6 (S)	%			64	22-110	
Terphenyl-d14 (S)	%			68	28-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 532036 532037

Parameter	Units	9282618007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	1930	1930	934	1740	48	90	18-119	60	
1,2-Dichlorobenzene	ug/kg	ND	1930	1930	954	1740	49	90	50-110	58	M0,M1
1,3-Dichlorobenzene	ug/kg	ND	1930	1930	924	1700	48	88	27-110	59	
1,4-Dichlorobenzene	ug/kg	ND	1930	1930	933	1700	48	88	28-110	58	
1-Methylnaphthalene	ug/kg	ND	1930	1930	1020	1760	53	91	24-116	53	
2,4,5-Trichlorophenol	ug/kg	ND	1930	1930	1390	1900	72	99	28-110	31	
2,4,6-Trichlorophenol	ug/kg	ND	1930	1930	1340	1920	70	99	17-117	35	
2,4-Dichlorophenol	ug/kg	ND	1930	1930	1050	1870	55	97	21-128	56	
2,4-Dimethylphenol	ug/kg	ND	1930	1930	1150	1930	60	100	10-120	51	
2,4-Dinitrophenol	ug/kg	ND	9650	9650	5360	8220	55	85	10-107	42	
2,4-Dinitrotoluene	ug/kg	ND	1930	1930	1440	1830	75	95	36-109	24	
2,6-Dinitrotoluene	ug/kg	ND	1930	1930	1430	1860	74	96	32-110	26	
2-Chloronaphthalene	ug/kg	ND	1930	1930	1200	1930	62	100	30-107	46	
2-Chlorophenol	ug/kg	ND	1930	1930	938	1770	49	92	14-106	61	
2-Methylnaphthalene	ug/kg	ND	1930	1930	970	1730	50	90	10-135	56	
2-Methylphenol(o-Cresol)	ug/kg	ND	1930	1930	1010	1860	52	96	10-124	59	
2-Nitroaniline	ug/kg	ND	3860	3860	2830	3700	73	96	26-116	27	
2-Nitrophenol	ug/kg	ND	1930	1930	904	1780	47	92	28-103	65	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1930	1930	1070	1900	55	99	10-109	56	
3,3'-Dichlorobenzidine	ug/kg	ND	3860	3860	2350	2960	61	77	10-150	23	
3-Nitroaniline	ug/kg	ND	3860	3860	2780	3370	72	87	22-110	19	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3860	3860	2490	3450	64	89	13-121	32	
4-Bromophenylphenyl ether	ug/kg	ND	1930	1930	1330	1670	69	86	31-109	22	
4-Chloro-3-methylphenol	ug/kg	ND	3860	3860	2740	3840	71	99	13-128	33	
4-Chloroaniline	ug/kg	ND	3860	3860	2180	3220	57	83	18-102	38	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 532036 532037

Parameter	Units	9282618007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4-Chlorophenylphenyl ether	ug/kg	ND	1930	1930	1350	1770	70	92	29-112	27	
4-Nitroaniline	ug/kg	ND	3860	3860	2700	3450	70	89	16-111	24	
4-Nitrophenol	ug/kg	ND	9650	9650	6770	9140	70	95	14-135	30	
Acenaphthene	ug/kg	ND	1930	1930	1350	1890	70	98	26-114	33	
Acenaphthylene	ug/kg	ND	1930	1930	1340	1900	70	98	32-108	34	
Aniline	ug/kg	ND	1930	1930	889	1610	46	84	10-107	58	
Anthracene	ug/kg	ND	1930	1930	1450	1780	75	92	32-111	21	
Benzo(a)anthracene	ug/kg	ND	1930	1930	1330	1690	69	88	25-117	24	
Benzo(a)pyrene	ug/kg	ND	1930	1930	1230	1540	64	80	25-106	22	
Benzo(b)fluoranthene	ug/kg	ND	1930	1930	1230	1550	63	80	24-110	24	
Benzo(g,h,i)perylene	ug/kg	ND	1930	1930	1270	1540	66	80	19-112	19	
Benzo(k)fluoranthene	ug/kg	ND	1930	1930	1280	1620	67	84	24-114	23	
Benzoic Acid	ug/kg	ND	9650	9650	2070	5000	21	52	10-110	83	
Benzyl alcohol	ug/kg	ND	3860	3860	2120	3690	55	95	24-106	54	
bis(2-Chloroethoxy)methane	ug/kg	ND	1930	1930	938	1640	49	85	13-119	55	
bis(2-Chloroethyl) ether	ug/kg	ND	1930	1930	960	1770	50	92	10-134	59	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1930	1930	863	1590	45	82	10-113	59	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1930	1930	1240	1530	64	79	10-125	20	
Butylbenzylphthalate	ug/kg	ND	1930	1930	1210	1500	63	78	18-110	21	
Chrysene	ug/kg	ND	1930	1930	1320	1670	68	86	30-110	23	
Di-n-butylphthalate	ug/kg	ND	1930	1930	1270	1570	66	82	19-112	22	
Di-n-octylphthalate	ug/kg	ND	1930	1930	1120	1470	58	76	17-105	26	
Dibenz(a,h)anthracene	ug/kg	ND	1930	1930	1260	1560	65	81	23-111	21	
Dibenzofuran	ug/kg	ND	1930	1930	1370	1850	71	96	35-103	30	
Diethylphthalate	ug/kg	ND	1930	1930	1370	1690	71	88	27-113	21	
Dimethylphthalate	ug/kg	ND	1930	1930	1360	1710	70	89	26-111	23	
Fluoranthene	ug/kg	ND	1930	1930	1380	1800	71	93	33-109	27	
Fluorene	ug/kg	ND	1930	1930	1450	1890	75	98	32-113	26	
Hexachloro-1,3-butadiene	ug/kg	ND	1930	1930	856	1590	44	83	16-116	60	
Hexachlorobenzene	ug/kg	ND	1930	1930	1420	1740	73	90	27-120	21	
Hexachlorocyclopentadiene	ug/kg	ND	1930	1930	857	1760	44	91	10-108	69	
Hexachloroethane	ug/kg	ND	1930	1930	903	1620	47	84	10-117	57	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1930	1930	1260	1550	65	80	10-122	21	
Isophorone	ug/kg	ND	1930	1930	1210	1810	62	94	28-114	40	
N-Nitroso-di-n-propylamine	ug/kg	ND	1930	1930	1050	1830	54	95	27-113	54	
N-Nitrosodimethylamine	ug/kg	ND	1930	1930	896	1660	46	86	10-109	60	
N-Nitrosodiphenylamine	ug/kg	ND	1930	1930	1480	1790	76	93	10-128	19	
Naphthalene	ug/kg	ND	1930	1930	958	1790	50	93	25-110	60	
Nitrobenzene	ug/kg	ND	1930	1930	904	1700	47	88	18-114	61	
Pentachlorophenol	ug/kg	ND	3860	3860	2770	3750	72	97	10-122	30	
Phenanthrene	ug/kg	ND	1930	1930	1420	1760	74	91	30-114	21	
Phenol	ug/kg	ND	1930	1930	929	1720	48	89	11-102	60	1g,R1
Pyrene	ug/kg	ND	1930	1930	1440	1710	75	88	25-116	17	
2,4,6-Tribromophenol (S)	%						75	93	27-110		
2-Fluorobiphenyl (S)	%						52	81	30-110		
2-Fluorophenol (S)	%						44	82	13-110		
Nitrobenzene-d5 (S)	%						44	84	23-110		

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 532036 532037

Parameter	Units	9282618007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Phenol-d6 (S)	%						46	82	22-110		
Terphenyl-d14 (S)	%						65	77	28-110		

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: OEXT/12008 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9282618008, 9282618009, 9282618011, 9282618013, 9282618014, 9282618015, 9282618016

METHOD BLANK: 533860 Matrix: Solid
Associated Lab Samples: 9282618008, 9282618009, 9282618011, 9282618013, 9282618014, 9282618015, 9282618016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	11/30/10 14:23	
1,2-Dichlorobenzene	ug/kg	ND	330	11/30/10 14:23	
1,3-Dichlorobenzene	ug/kg	ND	330	11/30/10 14:23	
1,4-Dichlorobenzene	ug/kg	ND	330	11/30/10 14:23	
1-Methylnaphthalene	ug/kg	ND	330	11/30/10 14:23	
2,4,5-Trichlorophenol	ug/kg	ND	330	11/30/10 14:23	
2,4,6-Trichlorophenol	ug/kg	ND	330	11/30/10 14:23	
2,4-Dichlorophenol	ug/kg	ND	330	11/30/10 14:23	
2,4-Dimethylphenol	ug/kg	ND	330	11/30/10 14:23	
2,4-Dinitrophenol	ug/kg	ND	1650	11/30/10 14:23	
2,4-Dinitrotoluene	ug/kg	ND	330	11/30/10 14:23	
2,6-Dinitrotoluene	ug/kg	ND	330	11/30/10 14:23	
2-Chloronaphthalene	ug/kg	ND	330	11/30/10 14:23	
2-Chlorophenol	ug/kg	ND	330	11/30/10 14:23	
2-Methylnaphthalene	ug/kg	ND	330	11/30/10 14:23	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	11/30/10 14:23	
2-Nitroaniline	ug/kg	ND	1650	11/30/10 14:23	
2-Nitrophenol	ug/kg	ND	330	11/30/10 14:23	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	11/30/10 14:23	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	11/30/10 14:23	
3-Nitroaniline	ug/kg	ND	1650	11/30/10 14:23	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	11/30/10 14:23	
4-Bromophenylphenyl ether	ug/kg	ND	330	11/30/10 14:23	
4-Chloro-3-methylphenol	ug/kg	ND	660	11/30/10 14:23	
4-Chloroaniline	ug/kg	ND	1650	11/30/10 14:23	
4-Chlorophenylphenyl ether	ug/kg	ND	330	11/30/10 14:23	
4-Nitroaniline	ug/kg	ND	660	11/30/10 14:23	
4-Nitrophenol	ug/kg	ND	1650	11/30/10 14:23	
Acenaphthene	ug/kg	ND	330	11/30/10 14:23	
Acenaphthylene	ug/kg	ND	330	11/30/10 14:23	
Aniline	ug/kg	ND	330	11/30/10 14:23	
Anthracene	ug/kg	ND	330	11/30/10 14:23	
Benzo(a)anthracene	ug/kg	ND	330	11/30/10 14:23	
Benzo(a)pyrene	ug/kg	ND	330	11/30/10 14:23	
Benzo(b)fluoranthene	ug/kg	ND	330	11/30/10 14:23	
Benzo(g,h,i)perylene	ug/kg	ND	330	11/30/10 14:23	
Benzo(k)fluoranthene	ug/kg	ND	330	11/30/10 14:23	
Benzoic Acid	ug/kg	ND	1650	11/30/10 14:23	
Benzyl alcohol	ug/kg	ND	660	11/30/10 14:23	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	11/30/10 14:23	
bis(2-Chloroethyl) ether	ug/kg	ND	330	11/30/10 14:23	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	11/30/10 14:23	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	11/30/10 14:23	

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Asheville, NC 28804
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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

METHOD BLANK: 533860 Matrix: Solid

Associated Lab Samples: 9282618008, 9282618009, 9282618011, 9282618013, 9282618014, 9282618015, 9282618016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	330	11/30/10 14:23	
Chrysene	ug/kg	ND	330	11/30/10 14:23	
Di-n-butylphthalate	ug/kg	ND	330	11/30/10 14:23	
Di-n-octylphthalate	ug/kg	ND	330	11/30/10 14:23	
Dibenz(a,h)anthracene	ug/kg	ND	330	11/30/10 14:23	
Dibenzofuran	ug/kg	ND	330	11/30/10 14:23	
Diethylphthalate	ug/kg	ND	330	11/30/10 14:23	
Dimethylphthalate	ug/kg	ND	330	11/30/10 14:23	
Fluoranthene	ug/kg	ND	330	11/30/10 14:23	
Fluorene	ug/kg	ND	330	11/30/10 14:23	
Hexachloro-1,3-butadiene	ug/kg	ND	330	11/30/10 14:23	
Hexachlorobenzene	ug/kg	ND	330	11/30/10 14:23	
Hexachlorocyclopentadiene	ug/kg	ND	330	11/30/10 14:23	
Hexachloroethane	ug/kg	ND	330	11/30/10 14:23	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	11/30/10 14:23	
Isophorone	ug/kg	ND	330	11/30/10 14:23	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	11/30/10 14:23	
N-Nitrosodimethylamine	ug/kg	ND	330	11/30/10 14:23	
N-Nitrosodiphenylamine	ug/kg	ND	330	11/30/10 14:23	
Naphthalene	ug/kg	ND	330	11/30/10 14:23	
Nitrobenzene	ug/kg	ND	330	11/30/10 14:23	
Pentachlorophenol	ug/kg	ND	1650	11/30/10 14:23	
Phenanthrene	ug/kg	ND	330	11/30/10 14:23	
Phenol	ug/kg	ND	330	11/30/10 14:23	
Pyrene	ug/kg	ND	330	11/30/10 14:23	
2,4,6-Tribromophenol (S)	%	72	27-110	11/30/10 14:23	
2-Fluorobiphenyl (S)	%	58	30-110	11/30/10 14:23	
2-Fluorophenol (S)	%	53	13-110	11/30/10 14:23	
Nitrobenzene-d5 (S)	%	51	23-110	11/30/10 14:23	
Phenol-d6 (S)	%	54	22-110	11/30/10 14:23	
Terphenyl-d14 (S)	%	79	28-110	11/30/10 14:23	

LABORATORY CONTROL SAMPLE: 533861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	915	55	39-101	
1,2-Dichlorobenzene	ug/kg	1670	892	54	36-110	
1,3-Dichlorobenzene	ug/kg	1670	883	53	35-110	
1,4-Dichlorobenzene	ug/kg	1670	881	53	35-110	
1-Methylnaphthalene	ug/kg	1670	1000	60	45-105	
2,4,5-Trichlorophenol	ug/kg	1670	1150	69	48-109	
2,4,6-Trichlorophenol	ug/kg	1670	1140	68	45-111	
2,4-Dichlorophenol	ug/kg	1670	1040	62	51-116	
2,4-Dimethylphenol	ug/kg	1670	1080	65	42-103	
2,4-Dinitrophenol	ug/kg	8330	4200	50	28-103	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 533861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	1670	1160	69	46-114	
2,6-Dinitrotoluene	ug/kg	1670	1180	71	48-112	
2-Chloronaphthalene	ug/kg	1670	1130	68	44-105	
2-Chlorophenol	ug/kg	1670	917	55	36-110	
2-Methylnaphthalene	ug/kg	1670	982	59	39-112	
2-Methylphenol(o-Cresol)	ug/kg	1670	979	59	39-101	
2-Nitroaniline	ug/kg	3330	2330	70	44-111	
2-Nitrophenol	ug/kg	1670	930	56	41-100	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1010	61	43-103	
3,3'-Dichlorobenzidine	ug/kg	3330	2010	60	10-150	
3-Nitroaniline	ug/kg	3330	2170	65	35-110	
4,6-Dinitro-2-methylphenol	ug/kg	3330	1950	59	38-118	
4-Bromophenylphenyl ether	ug/kg	1670	1100	66	47-115	
4-Chloro-3-methylphenol	ug/kg	3330	2320	70	43-127	
4-Chloroaniline	ug/kg	3330	1820	55	34-109	
4-Chlorophenylphenyl ether	ug/kg	1670	1160	70	44-115	
4-Nitroaniline	ug/kg	3330	2240	67	37-111	
4-Nitrophenol	ug/kg	8330	5590	67	21-152	
Acenaphthene	ug/kg	1670	1180	71	38-117	
Acenaphthylene	ug/kg	1670	1190	71	46-107	
Aniline	ug/kg	1670	843	51	29-110	
Anthracene	ug/kg	1670	1190	72	50-110	
Benzo(a)anthracene	ug/kg	1670	1160	70	47-116	
Benzo(a)pyrene	ug/kg	1670	1030	62	47-106	
Benzo(b)fluoranthene	ug/kg	1670	1040	62	47-109	
Benzo(g,h,i)perylene	ug/kg	1670	1020	61	39-115	
Benzo(k)fluoranthene	ug/kg	1670	1040	62	45-117	
Benzoic Acid	ug/kg	8330	3200	38	16-110	
Benzyl alcohol	ug/kg	3330	2010	60	38-105	
bis(2-Chloroethoxy)methane	ug/kg	1670	895	54	39-110	
bis(2-Chloroethyl) ether	ug/kg	1670	894	54	19-119	
bis(2-Chloroisopropyl) ether	ug/kg	1670	812	49	21-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1070	64	35-116	
Butylbenzylphthalate	ug/kg	1670	1070	64	38-110	
Chrysene	ug/kg	1670	1110	67	49-110	
Di-n-butylphthalate	ug/kg	1670	1080	65	43-109	
Di-n-octylphthalate	ug/kg	1670	1090	65	37-109	
Dibenz(a,h)anthracene	ug/kg	1670	1040	62	43-116	
Dibenzofuran	ug/kg	1670	1170	70	45-106	
Diethylphthalate	ug/kg	1670	1080	65	41-114	
Dimethylphthalate	ug/kg	1670	1080	65	43-110	
Fluoranthene	ug/kg	1670	1210	72	50-114	
Fluorene	ug/kg	1670	1220	73	46-114	
Hexachloro-1,3-butadiene	ug/kg	1670	844	51	28-111	
Hexachlorobenzene	ug/kg	1670	1150	69	46-120	
Hexachlorocyclopentadiene	ug/kg	1670	906	54	18-119	
Hexachloroethane	ug/kg	1670	862	52	33-110	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1030	62	42-115	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 533861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/kg	1670	1070	64	44-109	
N-Nitroso-di-n-propylamine	ug/kg	1670	990	59	43-104	
N-Nitrosodimethylamine	ug/kg	1670	889	53	29-110	
N-Nitrosodiphenylamine	ug/kg	1670	1150	69	48-113	
Naphthalene	ug/kg	1670	943	57	41-110	
Nitrobenzene	ug/kg	1670	876	53	38-110	
Pentachlorophenol	ug/kg	3330	2150	65	32-128	
Phenanthrene	ug/kg	1670	1160	70	50-110	
Phenol	ug/kg	1670	921	55	28-106	
Pyrene	ug/kg	1670	1180	71	45-114	
2,4,6-Tribromophenol (S)	%			72	27-110	
2-Fluorobiphenyl (S)	%			61	30-110	
2-Fluorophenol (S)	%			51	13-110	
Nitrobenzene-d5 (S)	%			52	23-110	
Phenol-d6 (S)	%			52	22-110	
Terphenyl-d14 (S)	%			68	28-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 533862 533863

Parameter	Units	9282618011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	1890	1890	1490	995	79	53	18-119	40	
1,2-Dichlorobenzene	ug/kg	ND	1890	1890	1420	983	75	52	50-110	36	
1,3-Dichlorobenzene	ug/kg	ND	1890	1890	1350	933	72	50	27-110	37	
1,4-Dichlorobenzene	ug/kg	ND	1890	1890	1390	949	74	50	28-110	38	
1-Methylnaphthalene	ug/kg	ND	1890	1890	1550	1020	83	54	24-116	41	
2,4,5-Trichlorophenol	ug/kg	ND	1890	1890	1610	1190	86	63	28-110	30	
2,4,6-Trichlorophenol	ug/kg	ND	1890	1890	1740	1230	92	66	17-117	34	
2,4-Dichlorophenol	ug/kg	ND	1890	1890	1620	1060	86	57	21-128	42	
2,4-Dimethylphenol	ug/kg	ND	1890	1890	1550	1040	82	55	10-120	39	
2,4-Dinitrophenol	ug/kg	ND	9400	9400	6910	6330	73	67	10-107	9	
2,4-Dinitrotoluene	ug/kg	ND	1890	1890	1590	1410	84	75	36-109	12	
2,6-Dinitrotoluene	ug/kg	ND	1890	1890	1600	1370	85	73	32-110	16	
2-Chloronaphthalene	ug/kg	ND	1890	1890	1690	1150	90	61	30-107	38	
2-Chlorophenol	ug/kg	ND	1890	1890	1460	990	78	53	14-106	39	
2-Methylnaphthalene	ug/kg	ND	1890	1890	1520	1000	81	53	10-135	41	
2-Methylphenol(o-Cresol)	ug/kg	ND	1890	1890	1620	1060	86	56	10-124	42	
2-Nitroaniline	ug/kg	ND	3760	3760	2900	2400	77	64	26-116	19	
2-Nitrophenol	ug/kg	ND	1890	1890	1490	999	79	53	28-103	39	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1890	1890	1680	1090	89	58	10-109	43	
3,3'-Dichlorobenzidine	ug/kg	ND	3760	3760	2930	2670	78	71	10-150	10	
3-Nitroaniline	ug/kg	ND	3760	3760	2590	2310	69	61	22-110	12	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3760	3760	3460	3230	92	86	13-121	7	
4-Bromophenylphenyl ether	ug/kg	ND	1890	1890	1660	1350	88	72	31-109	21	
4-Chloro-3-methylphenol	ug/kg	ND	3760	3760	3180	2320	84	62	13-128	31	
4-Chloroaniline	ug/kg	ND	3760	3760	2770	1920	74	51	18-102	36	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 533862 533863

Parameter	Units	9282618011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4-Chlorophenylphenyl ether	ug/kg	ND	1890	1890	1640	1280	87	68	29-112	25	
4-Nitroaniline	ug/kg	ND	3760	3760	2530	2320	67	62	16-111	9	
4-Nitrophenol	ug/kg	ND	9400	9400	7180	6580	76	70	14-135	9	
Acenaphthene	ug/kg	ND	1890	1890	1680	1220	89	65	26-114	32	
Acenaphthylene	ug/kg	ND	1890	1890	1650	1190	88	63	32-108	32	
Aniline	ug/kg	ND	1890	1890	1320	883	70	47	10-107	39	
Anthracene	ug/kg	ND	1890	1890	1590	1370	85	73	32-111	15	
Benzo(a)anthracene	ug/kg	ND	1890	1890	1590	1430	85	76	25-117	11	
Benzo(a)pyrene	ug/kg	ND	1890	1890	1420	1250	76	67	25-106	13	
Benzo(b)fluoranthene	ug/kg	ND	1890	1890	1390	1270	74	68	24-110	8	
Benzo(g,h,i)perylene	ug/kg	ND	1890	1890	1510	1280	80	68	19-112	17	
Benzo(k)fluoranthene	ug/kg	ND	1890	1890	1410	1220	75	65	24-114	14	
Benzoic Acid	ug/kg	ND	9400	9400	5500	4010	58	43	10-110	31	
Benzyl alcohol	ug/kg	ND	3760	3760	3300	2150	88	57	24-106	42	
bis(2-Chloroethoxy)methane	ug/kg	ND	1890	1890	1340	896	71	48	13-119	39	
bis(2-Chloroethyl) ether	ug/kg	ND	1890	1890	1450	984	77	52	10-134	38	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1890	1890	1320	888	70	47	10-113	39	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1890	1890	1310	1160	69	62	10-125	12	
Butylbenzylphthalate	ug/kg	ND	1890	1890	1330	1190	71	63	18-110	11	
Chrysene	ug/kg	ND	1890	1890	1540	1370	82	73	30-110	12	
Di-n-butylphthalate	ug/kg	ND	1890	1890	1420	1260	75	67	19-112	12	
Di-n-octylphthalate	ug/kg	ND	1890	1890	1400	1230	75	65	17-105	13	
Dibenz(a,h)anthracene	ug/kg	ND	1890	1890	1510	1310	80	70	23-111	14	
Dibenzofuran	ug/kg	ND	1890	1890	1630	1220	87	65	35-103	29	
Diethylphthalate	ug/kg	ND	1890	1890	1490	1290	79	69	27-113	14	
Dimethylphthalate	ug/kg	ND	1890	1890	1510	1290	80	68	26-111	16	
Fluoranthene	ug/kg	ND	1890	1890	1620	1460	86	78	33-109	10	
Fluorene	ug/kg	ND	1890	1890	1660	1320	88	70	32-113	23	
Hexachloro-1,3-butadiene	ug/kg	ND	1890	1890	1470	1000	78	53	16-116	38	
Hexachlorobenzene	ug/kg	ND	1890	1890	1740	1480	93	79	27-120	16	
Hexachlorocyclopentadiene	ug/kg	ND	1890	1890	1690	1160	90	62	10-108	37	
Hexachloroethane	ug/kg	ND	1890	1890	1330	925	71	49	10-117	36	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1890	1890	1520	1290	81	69	10-122	16	
Isophorone	ug/kg	ND	1890	1890	1530	1060	81	56	28-114	37	
N-Nitroso-di-n-propylamine	ug/kg	ND	1890	1890	1690	1110	90	59	27-113	41	
N-Nitrosodimethylamine	ug/kg	ND	1890	1890	1290	879	68	47	10-109	38	
N-Nitrosodiphenylamine	ug/kg	ND	1890	1890	1640	1380	87	73	10-128	17	
Naphthalene	ug/kg	ND	1890	1890	1440	971	77	52	25-110	39	
Nitrobenzene	ug/kg	ND	1890	1890	1320	905	70	48	18-114	37	
Pentachlorophenol	ug/kg	ND	3760	3760	2960	2770	79	73	10-122	7	
Phenanthrene	ug/kg	ND	1890	1890	1570	1360	83	72	30-114	14	
Phenol	ug/kg	ND	1890	1890	1620	1070	86	57	11-102	41	1g,R1
Pyrene	ug/kg	ND	1890	1890	1470	1330	78	71	25-116	10	
2,4,6-Tribromophenol (S)	%						94	81	27-110		
2-Fluorobiphenyl (S)	%						82	54	30-110		
2-Fluorophenol (S)	%						66	44	13-110		
Nitrobenzene-d5 (S)	%						67	46	23-110		

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 533862 533863

Parameter	Units	9282618011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Phenol-d6 (S)	%						71	46	22-110		
Terphenyl-d14 (S)	%						75	66	28-110		

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: OEXT/12017 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9282618017, 9282618018, 9282618019, 9282618020, 9282618021, 9282618022, 9282618023, 9282618024

METHOD BLANK: 534234 Matrix: Solid
Associated Lab Samples: 9282618017, 9282618018, 9282618019, 9282618020, 9282618021, 9282618022, 9282618023, 9282618024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	12/02/10 15:59	
1,2-Dichlorobenzene	ug/kg	ND	330	12/02/10 15:59	
1,3-Dichlorobenzene	ug/kg	ND	330	12/02/10 15:59	
1,4-Dichlorobenzene	ug/kg	ND	330	12/02/10 15:59	
1-Methylnaphthalene	ug/kg	ND	330	12/02/10 15:59	
2,4,5-Trichlorophenol	ug/kg	ND	330	12/02/10 15:59	
2,4,6-Trichlorophenol	ug/kg	ND	330	12/02/10 15:59	
2,4-Dichlorophenol	ug/kg	ND	330	12/02/10 15:59	
2,4-Dimethylphenol	ug/kg	ND	330	12/02/10 15:59	
2,4-Dinitrophenol	ug/kg	ND	1650	12/02/10 15:59	
2,4-Dinitrotoluene	ug/kg	ND	330	12/02/10 15:59	
2,6-Dinitrotoluene	ug/kg	ND	330	12/02/10 15:59	
2-Chloronaphthalene	ug/kg	ND	330	12/02/10 15:59	
2-Chlorophenol	ug/kg	ND	330	12/02/10 15:59	
2-Methylnaphthalene	ug/kg	ND	330	12/02/10 15:59	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	12/02/10 15:59	
2-Nitroaniline	ug/kg	ND	1650	12/02/10 15:59	
2-Nitrophenol	ug/kg	ND	330	12/02/10 15:59	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	12/02/10 15:59	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	12/02/10 15:59	
3-Nitroaniline	ug/kg	ND	1650	12/02/10 15:59	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	12/02/10 15:59	
4-Bromophenylphenyl ether	ug/kg	ND	330	12/02/10 15:59	
4-Chloro-3-methylphenol	ug/kg	ND	660	12/02/10 15:59	
4-Chloroaniline	ug/kg	ND	1650	12/02/10 15:59	
4-Chlorophenylphenyl ether	ug/kg	ND	330	12/02/10 15:59	
4-Nitroaniline	ug/kg	ND	660	12/02/10 15:59	
4-Nitrophenol	ug/kg	ND	1650	12/02/10 15:59	
Acenaphthene	ug/kg	ND	330	12/02/10 15:59	
Acenaphthylene	ug/kg	ND	330	12/02/10 15:59	
Aniline	ug/kg	ND	330	12/02/10 15:59	
Anthracene	ug/kg	ND	330	12/02/10 15:59	
Benzo(a)anthracene	ug/kg	ND	330	12/02/10 15:59	
Benzo(a)pyrene	ug/kg	ND	330	12/02/10 15:59	
Benzo(b)fluoranthene	ug/kg	ND	330	12/02/10 15:59	
Benzo(g,h,i)perylene	ug/kg	ND	330	12/02/10 15:59	
Benzo(k)fluoranthene	ug/kg	ND	330	12/02/10 15:59	
Benzoic Acid	ug/kg	ND	1650	12/02/10 15:59	
Benzyl alcohol	ug/kg	ND	660	12/02/10 15:59	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	12/02/10 15:59	
bis(2-Chloroethyl) ether	ug/kg	ND	330	12/02/10 15:59	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	12/02/10 15:59	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	12/02/10 15:59	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

METHOD BLANK: 534234 Matrix: Solid

Associated Lab Samples: 9282618017, 9282618018, 9282618019, 9282618020, 9282618021, 9282618022, 9282618023, 9282618024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	330	12/02/10 15:59	
Chrysene	ug/kg	ND	330	12/02/10 15:59	
Di-n-butylphthalate	ug/kg	ND	330	12/02/10 15:59	
Di-n-octylphthalate	ug/kg	ND	330	12/02/10 15:59	
Dibenz(a,h)anthracene	ug/kg	ND	330	12/02/10 15:59	
Dibenzofuran	ug/kg	ND	330	12/02/10 15:59	
Diethylphthalate	ug/kg	ND	330	12/02/10 15:59	
Dimethylphthalate	ug/kg	ND	330	12/02/10 15:59	
Fluoranthene	ug/kg	ND	330	12/02/10 15:59	
Fluorene	ug/kg	ND	330	12/02/10 15:59	
Hexachloro-1,3-butadiene	ug/kg	ND	330	12/02/10 15:59	
Hexachlorobenzene	ug/kg	ND	330	12/02/10 15:59	
Hexachlorocyclopentadiene	ug/kg	ND	330	12/02/10 15:59	
Hexachloroethane	ug/kg	ND	330	12/02/10 15:59	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	12/02/10 15:59	
Isophorone	ug/kg	ND	330	12/02/10 15:59	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	12/02/10 15:59	
N-Nitrosodimethylamine	ug/kg	ND	330	12/02/10 15:59	
N-Nitrosodiphenylamine	ug/kg	ND	330	12/02/10 15:59	
Naphthalene	ug/kg	ND	330	12/02/10 15:59	
Nitrobenzene	ug/kg	ND	330	12/02/10 15:59	
Pentachlorophenol	ug/kg	ND	1650	12/02/10 15:59	
Phenanthrene	ug/kg	ND	330	12/02/10 15:59	
Phenol	ug/kg	ND	330	12/02/10 15:59	
Pyrene	ug/kg	ND	330	12/02/10 15:59	
2,4,6-Tribromophenol (S)	%	85	27-110	12/02/10 15:59	
2-Fluorobiphenyl (S)	%	66	30-110	12/02/10 15:59	
2-Fluorophenol (S)	%	48	13-110	12/02/10 15:59	
Nitrobenzene-d5 (S)	%	54	23-110	12/02/10 15:59	
Phenol-d6 (S)	%	55	22-110	12/02/10 15:59	
Terphenyl-d14 (S)	%	79	28-110	12/02/10 15:59	

LABORATORY CONTROL SAMPLE: 534235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1310	78	39-101	
1,2-Dichlorobenzene	ug/kg	1670	1230	74	36-110	
1,3-Dichlorobenzene	ug/kg	1670	1180	71	35-110	
1,4-Dichlorobenzene	ug/kg	1670	1170	70	35-110	
1-Methylnaphthalene	ug/kg	1670	1400	84	45-105	
2,4,5-Trichlorophenol	ug/kg	1670	1450	87	48-109	
2,4,6-Trichlorophenol	ug/kg	1670	1480	89	45-111	
2,4-Dichlorophenol	ug/kg	1670	1460	88	51-116	
2,4-Dimethylphenol	ug/kg	1670	1340	80	42-103	
2,4-Dinitrophenol	ug/kg	8330	7840	94	28-103	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 534235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	1670	1630	98	46-114	
2,6-Dinitrotoluene	ug/kg	1670	1520	91	48-112	
2-Chloronaphthalene	ug/kg	1670	1450	87	44-105	
2-Chlorophenol	ug/kg	1670	1260	76	36-110	
2-Methylnaphthalene	ug/kg	1670	1360	82	39-112	
2-Methylphenol(o-Cresol)	ug/kg	1670	1360	82	39-101	
2-Nitroaniline	ug/kg	3330	2770	83	44-111	
2-Nitrophenol	ug/kg	1670	1360	82	41-100	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1420	85	43-103	
3,3'-Dichlorobenzidine	ug/kg	3330	2710	81	10-150	
3-Nitroaniline	ug/kg	3330	2530	76	35-110	
4,6-Dinitro-2-methylphenol	ug/kg	3330	3520	106	38-118	
4-Bromophenylphenyl ether	ug/kg	1670	1380	83	47-115	
4-Chloro-3-methylphenol	ug/kg	3330	3040	91	43-127	
4-Chloroaniline	ug/kg	3330	2410	72	34-109	
4-Chlorophenylphenyl ether	ug/kg	1670	1520	91	44-115	
4-Nitroaniline	ug/kg	3330	2880	86	37-111	
4-Nitrophenol	ug/kg	8330	8710	105	21-152	
Acenaphthene	ug/kg	1670	1470	88	38-117	
Acenaphthylene	ug/kg	1670	1440	87	46-107	
Aniline	ug/kg	1670	1140	69	29-110	
Anthracene	ug/kg	1670	1390	84	50-110	
Benzo(a)anthracene	ug/kg	1670	1470	88	47-116	
Benzo(a)pyrene	ug/kg	1670	1280	77	47-106	
Benzo(b)fluoranthene	ug/kg	1670	1310	79	47-109	
Benzo(g,h,i)perylene	ug/kg	1670	1300	78	39-115	
Benzo(k)fluoranthene	ug/kg	1670	1260	75	45-117	
Benzoic Acid	ug/kg	8330	4370	52	16-110	
Benzyl alcohol	ug/kg	3330	2750	82	38-105	
bis(2-Chloroethoxy)methane	ug/kg	1670	1160	70	39-110	
bis(2-Chloroethyl) ether	ug/kg	1670	1170	70	19-119	
bis(2-Chloroisopropyl) ether	ug/kg	1670	1110	67	21-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1230	74	35-116	
Butylbenzylphthalate	ug/kg	1670	1220	73	38-110	
Chrysene	ug/kg	1670	1420	85	49-110	
Di-n-butylphthalate	ug/kg	1670	1330	80	43-109	
Di-n-octylphthalate	ug/kg	1670	1300	78	37-109	
Dibenz(a,h)anthracene	ug/kg	1670	1330	80	43-116	
Dibenzofuran	ug/kg	1670	1460	88	45-106	
Diethylphthalate	ug/kg	1670	1430	86	41-114	
Dimethylphthalate	ug/kg	1670	1390	84	43-110	
Fluoranthene	ug/kg	1670	1620	97	50-114	
Fluorene	ug/kg	1670	1550	93	46-114	
Hexachloro-1,3-butadiene	ug/kg	1670	1320	79	28-111	
Hexachlorobenzene	ug/kg	1670	1470	88	46-120	
Hexachlorocyclopentadiene	ug/kg	1670	1390	83	18-119	
Hexachloroethane	ug/kg	1670	1170	70	33-110	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1330	80	42-115	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 534235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/kg	1670	1350	81	44-109	
N-Nitroso-di-n-propylamine	ug/kg	1670	1430	86	43-104	
N-Nitrosodimethylamine	ug/kg	1670	1080	65	29-110	
N-Nitrosodiphenylamine	ug/kg	1670	1340	80	48-113	
Naphthalene	ug/kg	1670	1270	76	41-110	
Nitrobenzene	ug/kg	1670	1180	71	38-110	
Pentachlorophenol	ug/kg	3330	3270	98	32-128	
Phenanthrene	ug/kg	1670	1360	82	50-110	
Phenol	ug/kg	1670	1310	78	28-106	
Pyrene	ug/kg	1670	1260	76	45-114	
2,4,6-Tribromophenol (S)	%			93	27-110	
2-Fluorobiphenyl (S)	%			77	30-110	
2-Fluorophenol (S)	%			63	13-110	
Nitrobenzene-d5 (S)	%			68	23-110	
Phenol-d6 (S)	%			68	22-110	
Terphenyl-d14 (S)	%			76	28-110	

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(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: OEXT/12037
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9282618010, 9282618012

METHOD BLANK: 534969
Matrix: Solid
Associated Lab Samples: 9282618010, 9282618012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	12/02/10 13:39	
1,2-Dichlorobenzene	ug/kg	ND	330	12/02/10 13:39	
1,3-Dichlorobenzene	ug/kg	ND	330	12/02/10 13:39	
1,4-Dichlorobenzene	ug/kg	ND	330	12/02/10 13:39	
1-Methylnaphthalene	ug/kg	ND	330	12/02/10 13:39	
2,4,5-Trichlorophenol	ug/kg	ND	330	12/02/10 13:39	
2,4,6-Trichlorophenol	ug/kg	ND	330	12/02/10 13:39	
2,4-Dichlorophenol	ug/kg	ND	330	12/02/10 13:39	
2,4-Dimethylphenol	ug/kg	ND	330	12/02/10 13:39	
2,4-Dinitrophenol	ug/kg	ND	1650	12/02/10 13:39	
2,4-Dinitrotoluene	ug/kg	ND	330	12/02/10 13:39	
2,6-Dinitrotoluene	ug/kg	ND	330	12/02/10 13:39	
2-Chloronaphthalene	ug/kg	ND	330	12/02/10 13:39	
2-Chlorophenol	ug/kg	ND	330	12/02/10 13:39	
2-Methylnaphthalene	ug/kg	ND	330	12/02/10 13:39	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	12/02/10 13:39	
2-Nitroaniline	ug/kg	ND	1650	12/02/10 13:39	
2-Nitrophenol	ug/kg	ND	330	12/02/10 13:39	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	12/02/10 13:39	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	12/02/10 13:39	
3-Nitroaniline	ug/kg	ND	1650	12/02/10 13:39	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	12/02/10 13:39	
4-Bromophenylphenyl ether	ug/kg	ND	330	12/02/10 13:39	
4-Chloro-3-methylphenol	ug/kg	ND	660	12/02/10 13:39	
4-Chloroaniline	ug/kg	ND	1650	12/02/10 13:39	
4-Chlorophenylphenyl ether	ug/kg	ND	330	12/02/10 13:39	
4-Nitroaniline	ug/kg	ND	660	12/02/10 13:39	
4-Nitrophenol	ug/kg	ND	1650	12/02/10 13:39	
Acenaphthene	ug/kg	ND	330	12/02/10 13:39	
Acenaphthylene	ug/kg	ND	330	12/02/10 13:39	
Aniline	ug/kg	ND	330	12/02/10 13:39	
Anthracene	ug/kg	ND	330	12/02/10 13:39	
Benzo(a)anthracene	ug/kg	ND	330	12/02/10 13:39	
Benzo(a)pyrene	ug/kg	ND	330	12/02/10 13:39	
Benzo(b)fluoranthene	ug/kg	ND	330	12/02/10 13:39	
Benzo(g,h,i)perylene	ug/kg	ND	330	12/02/10 13:39	
Benzo(k)fluoranthene	ug/kg	ND	330	12/02/10 13:39	
Benzoic Acid	ug/kg	ND	1650	12/02/10 13:39	
Benzyl alcohol	ug/kg	ND	660	12/02/10 13:39	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	12/02/10 13:39	
bis(2-Chloroethyl) ether	ug/kg	ND	330	12/02/10 13:39	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	12/02/10 13:39	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	12/02/10 13:39	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

METHOD BLANK: 534969 Matrix: Solid

Associated Lab Samples: 9282618010, 9282618012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	330	12/02/10 13:39	
Chrysene	ug/kg	ND	330	12/02/10 13:39	
Di-n-butylphthalate	ug/kg	ND	330	12/02/10 13:39	
Di-n-octylphthalate	ug/kg	ND	330	12/02/10 13:39	
Dibenz(a,h)anthracene	ug/kg	ND	330	12/02/10 13:39	
Dibenzofuran	ug/kg	ND	330	12/02/10 13:39	
Diethylphthalate	ug/kg	ND	330	12/02/10 13:39	
Dimethylphthalate	ug/kg	ND	330	12/02/10 13:39	
Fluoranthene	ug/kg	ND	330	12/02/10 13:39	
Fluorene	ug/kg	ND	330	12/02/10 13:39	
Hexachloro-1,3-butadiene	ug/kg	ND	330	12/02/10 13:39	
Hexachlorobenzene	ug/kg	ND	330	12/02/10 13:39	
Hexachlorocyclopentadiene	ug/kg	ND	330	12/02/10 13:39	
Hexachloroethane	ug/kg	ND	330	12/02/10 13:39	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	12/02/10 13:39	
Isophorone	ug/kg	ND	330	12/02/10 13:39	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	12/02/10 13:39	
N-Nitrosodimethylamine	ug/kg	ND	330	12/02/10 13:39	
N-Nitrosodiphenylamine	ug/kg	ND	330	12/02/10 13:39	
Naphthalene	ug/kg	ND	330	12/02/10 13:39	
Nitrobenzene	ug/kg	ND	330	12/02/10 13:39	
Pentachlorophenol	ug/kg	ND	1650	12/02/10 13:39	
Phenanthrene	ug/kg	ND	330	12/02/10 13:39	
Phenol	ug/kg	ND	330	12/02/10 13:39	
Pyrene	ug/kg	ND	330	12/02/10 13:39	
2,4,6-Tribromophenol (S)	%	85	27-110	12/02/10 13:39	
2-Fluorobiphenyl (S)	%	78	30-110	12/02/10 13:39	
2-Fluorophenol (S)	%	61	13-110	12/02/10 13:39	
Nitrobenzene-d5 (S)	%	68	23-110	12/02/10 13:39	
Phenol-d6 (S)	%	63	22-110	12/02/10 13:39	
Terphenyl-d14 (S)	%	85	28-110	12/02/10 13:39	

LABORATORY CONTROL SAMPLE & LCSD: 534970 534971

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1400	1320	84	79	39-101	6	30	
1,2-Dichlorobenzene	ug/kg	1670	1320	1240	79	74	36-110	6	30	
1,3-Dichlorobenzene	ug/kg	1670	1240	1170	75	70	35-110	6	30	
1,4-Dichlorobenzene	ug/kg	1670	1290	1200	77	72	35-110	7	30	
1-Methylnaphthalene	ug/kg	1670	1430	1370	86	82	45-105	5	30	
2,4,5-Trichlorophenol	ug/kg	1670	1500	1450	90	87	48-109	4	30	
2,4,6-Trichlorophenol	ug/kg	1670	1610	1530	97	92	45-111	6	30	
2,4-Dichlorophenol	ug/kg	1670	1530	1450	92	87	51-116	5	30	
2,4-Dimethylphenol	ug/kg	1670	1440	1360	86	82	42-103	6	30	
2,4-Dinitrophenol	ug/kg	8330	6650	6690	80	80	28-103	1	30	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE & LCSD: 534970 534971

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4-Dinitrotoluene	ug/kg	1670	1580	1470	95	88	46-114	7	30	
2,6-Dinitrotoluene	ug/kg	1670	1530	1470	92	88	48-112	4	30	
2-Chloronaphthalene	ug/kg	1670	1580	1480	95	89	44-105	6	30	
2-Chlorophenol	ug/kg	1670	1390	1290	83	77	36-110	7	30	
2-Methylnaphthalene	ug/kg	1670	1410	1350	84	81	39-112	4	30	
2-Methylphenol(o-Cresol)	ug/kg	1670	1480	1400	89	84	39-101	6	30	
2-Nitroaniline	ug/kg	3330	2880	2720	86	82	44-111	6	30	
2-Nitrophenol	ug/kg	1670	1450	1400	87	84	41-100	3	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1520	1450	91	87	43-103	5	30	
3,3'-Dichlorobenzidine	ug/kg	3330	2340	2320	70	70	10-150	1	30	
3-Nitroaniline	ug/kg	3330	2180	2080	66	62	35-110	5	30	
4,6-Dinitro-2-methylphenol	ug/kg	3330	3400	3320	102	100	38-118	2	30	
4-Bromophenylphenyl ether	ug/kg	1670	1480	1400	89	84	47-115	6	30	
4-Chloro-3-methylphenol	ug/kg	3330	2990	2810	90	84	43-127	6	30	
4-Chloroaniline	ug/kg	3330	2140	2080	64	62	34-109	3	30	
4-Chlorophenylphenyl ether	ug/kg	1670	1540	1450	92	87	44-115	6	30	
4-Nitroaniline	ug/kg	3330	2580	2490	78	75	37-111	4	30	
4-Nitrophenol	ug/kg	8330	7860	7730	94	93	21-152	2	30	
Acenaphthene	ug/kg	1670	1560	1470	93	88	38-117	6	30	
Acenaphthylene	ug/kg	1670	1530	1450	92	87	46-107	5	30	
Aniline	ug/kg	1670	1170	1100	70	66	29-110	6	30	
Anthracene	ug/kg	1670	1470	1390	88	84	50-110	6	30	
Benzo(a)anthracene	ug/kg	1670	1510	1450	91	87	47-116	4	30	
Benzo(a)pyrene	ug/kg	1670	1330	1270	80	76	47-106	5	30	
Benzo(b)fluoranthene	ug/kg	1670	1340	1300	80	78	47-109	3	30	
Benzo(g,h,i)perylene	ug/kg	1670	1370	1300	82	78	39-115	6	30	
Benzo(k)fluoranthene	ug/kg	1670	1290	1220	78	73	45-117	6	30	
Benzoic Acid	ug/kg	8330	3700	3640	44	44	16-110	2	30	
Benzyl alcohol	ug/kg	3330	2960	2800	89	84	38-105	6	30	
bis(2-Chloroethoxy)methane	ug/kg	1670	1230	1180	74	71	39-110	4	30	
bis(2-Chloroethyl) ether	ug/kg	1670	1290	1220	77	73	19-119	6	30	
bis(2-Chloroisopropyl) ether	ug/kg	1670	1220	1140	73	68	21-110	6	30	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1270	1190	76	71	35-116	6	30	
Butylbenzylphthalate	ug/kg	1670	1270	1200	76	72	38-110	5	30	
Chrysene	ug/kg	1670	1460	1410	87	85	49-110	3	30	
Di-n-butylphthalate	ug/kg	1670	1350	1290	81	77	43-109	5	30	
Di-n-octylphthalate	ug/kg	1670	1300	1250	78	75	37-109	4	30	
Dibenz(a,h)anthracene	ug/kg	1670	1410	1350	84	81	43-116	4	30	
Dibenzofuran	ug/kg	1670	1540	1440	92	87	45-106	6	30	
Diethylphthalate	ug/kg	1670	1410	1320	85	79	41-114	7	30	
Dimethylphthalate	ug/kg	1670	1410	1330	84	80	43-110	5	30	
Fluoranthene	ug/kg	1670	1580	1550	95	93	50-114	2	30	
Fluorene	ug/kg	1670	1560	1470	93	88	46-114	6	30	
Hexachloro-1,3-butadiene	ug/kg	1670	1430	1320	86	79	28-111	8	30	
Hexachlorobenzene	ug/kg	1670	1600	1510	96	91	46-120	5	30	
Hexachlorocyclopentadiene	ug/kg	1670	1580	1590	95	95	18-119	0	30	
Hexachloroethane	ug/kg	1670	1260	1170	76	70	33-110	8	30	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1400	1330	84	80	42-115	5	30	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE & LCSD: 534970 534971

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Isophorone	ug/kg	1670	1360	1320	82	79	44-109	3	30	
N-Nitroso-di-n-propylamine	ug/kg	1670	1480	1420	89	85	43-104	4	30	
N-Nitrosodimethylamine	ug/kg	1670	1170	1130	70	68	29-110	3	30	
N-Nitrosodiphenylamine	ug/kg	1670	1450	1360	87	82	48-113	6	30	
Naphthalene	ug/kg	1670	1350	1290	81	78	41-110	5	30	
Nitrobenzene	ug/kg	1670	1300	1210	78	72	38-110	7	30	
Pentachlorophenol	ug/kg	3330	3090	3050	93	91	32-128	1	30	
Phenanthrene	ug/kg	1670	1440	1380	87	83	50-110	5	30	
Phenol	ug/kg	1670	1460	1370	88	82	28-106	6	30	
Pyrene	ug/kg	1670	1400	1300	84	78	45-114	7	30	
2,4,6-Tribromophenol (S)	%				101	95	27-110			
2-Fluorobiphenyl (S)	%				87	81	30-110			
2-Fluorophenol (S)	%				70	65	13-110			
Nitrobenzene-d5 (S)	%				76	71	23-110			
Phenol-d6 (S)	%				76	70	22-110			
Terphenyl-d14 (S)	%				83	76	28-110			

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(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: MSV/13285 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9282618005, 9282618006, 9282618007, 9282618008, 9282618009

METHOD BLANK: 535260 Matrix: Solid
Associated Lab Samples: 9282618005, 9282618006, 9282618007, 9282618008, 9282618009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	12/02/10 12:18	
1,1,1-Trichloroethane	ug/kg	ND	5.0	12/02/10 12:18	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	12/02/10 12:18	
1,1,2-Trichloroethane	ug/kg	ND	5.0	12/02/10 12:18	
1,1-Dichloroethane	ug/kg	ND	5.0	12/02/10 12:18	
1,1-Dichloroethene	ug/kg	ND	5.0	12/02/10 12:18	
1,1-Dichloropropene	ug/kg	ND	5.0	12/02/10 12:18	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	12/02/10 12:18	
1,2,3-Trichloropropane	ug/kg	ND	5.0	12/02/10 12:18	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	12/02/10 12:18	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	12/02/10 12:18	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	12/02/10 12:18	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	12/02/10 12:18	
1,2-Dichlorobenzene	ug/kg	ND	5.0	12/02/10 12:18	
1,2-Dichloroethane	ug/kg	ND	5.0	12/02/10 12:18	
1,2-Dichloropropane	ug/kg	ND	5.0	12/02/10 12:18	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	12/02/10 12:18	
1,3-Dichlorobenzene	ug/kg	ND	5.0	12/02/10 12:18	
1,3-Dichloropropane	ug/kg	ND	5.0	12/02/10 12:18	
1,4-Dichlorobenzene	ug/kg	ND	5.0	12/02/10 12:18	
2,2-Dichloropropane	ug/kg	ND	5.0	12/02/10 12:18	
2-Butanone (MEK)	ug/kg	ND	100	12/02/10 12:18	
2-Chlorotoluene	ug/kg	ND	5.0	12/02/10 12:18	
2-Hexanone	ug/kg	ND	50.0	12/02/10 12:18	
4-Chlorotoluene	ug/kg	ND	5.0	12/02/10 12:18	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	12/02/10 12:18	
Acetone	ug/kg	ND	100	12/02/10 12:18	
Benzene	ug/kg	ND	5.0	12/02/10 12:18	
Bromobenzene	ug/kg	ND	5.0	12/02/10 12:18	
Bromochloromethane	ug/kg	ND	5.0	12/02/10 12:18	
Bromodichloromethane	ug/kg	ND	5.0	12/02/10 12:18	
Bromoform	ug/kg	ND	5.0	12/02/10 12:18	
Bromomethane	ug/kg	ND	10.0	12/02/10 12:18	
Carbon tetrachloride	ug/kg	ND	5.0	12/02/10 12:18	
Chlorobenzene	ug/kg	ND	5.0	12/02/10 12:18	
Chloroethane	ug/kg	ND	10.0	12/02/10 12:18	
Chloroform	ug/kg	ND	5.0	12/02/10 12:18	
Chloromethane	ug/kg	ND	10.0	12/02/10 12:18	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	12/02/10 12:18	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	12/02/10 12:18	
Dibromochloromethane	ug/kg	ND	5.0	12/02/10 12:18	
Dibromomethane	ug/kg	ND	5.0	12/02/10 12:18	
Dichlorodifluoromethane	ug/kg	ND	10.0	12/02/10 12:18	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

METHOD BLANK: 535260 Matrix: Solid

Associated Lab Samples: 9282618005, 9282618006, 9282618007, 9282618008, 9282618009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	12/02/10 12:18	
Ethylbenzene	ug/kg	ND	5.0	12/02/10 12:18	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	12/02/10 12:18	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	12/02/10 12:18	
m&p-Xylene	ug/kg	ND	10.0	12/02/10 12:18	
Methyl-tert-butyl ether	ug/kg	ND	5.0	12/02/10 12:18	
Methylene Chloride	ug/kg	ND	20.0	12/02/10 12:18	
n-Butylbenzene	ug/kg	ND	5.0	12/02/10 12:18	
n-Propylbenzene	ug/kg	ND	5.0	12/02/10 12:18	
Naphthalene	ug/kg	ND	5.0	12/02/10 12:18	
o-Xylene	ug/kg	ND	5.0	12/02/10 12:18	
p-Isopropyltoluene	ug/kg	ND	5.0	12/02/10 12:18	
sec-Butylbenzene	ug/kg	ND	5.0	12/02/10 12:18	
Styrene	ug/kg	ND	5.0	12/02/10 12:18	
tert-Butylbenzene	ug/kg	ND	5.0	12/02/10 12:18	
Tetrachloroethene	ug/kg	ND	5.0	12/02/10 12:18	
Toluene	ug/kg	ND	5.0	12/02/10 12:18	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	12/02/10 12:18	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	12/02/10 12:18	
Trichloroethene	ug/kg	ND	5.0	12/02/10 12:18	
Trichlorofluoromethane	ug/kg	ND	5.0	12/02/10 12:18	
Vinyl acetate	ug/kg	ND	50.0	12/02/10 12:18	
Vinyl chloride	ug/kg	ND	10.0	12/02/10 12:18	
Xylene (Total)	ug/kg	ND	10.0	12/02/10 12:18	
1,2-Dichloroethane-d4 (S)	%	100	70-132	12/02/10 12:18	
4-Bromofluorobenzene (S)	%	96	70-130	12/02/10 12:18	
Dibromofluoromethane (S)	%	105	70-130	12/02/10 12:18	
Toluene-d8 (S)	%	101	70-130	12/02/10 12:18	

LABORATORY CONTROL SAMPLE: 535261

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	60.4	121	70-131	
1,1,1-Trichloroethane	ug/kg	50	49.8	100	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	50	63.9	128	70-130	
1,1,2-Trichloroethane	ug/kg	50	61.5	123	70-132	
1,1-Dichloroethane	ug/kg	50	49.5	99	70-143	
1,1-Dichloroethene	ug/kg	50	46.4	93	70-137	
1,1-Dichloropropene	ug/kg	50	47.2	94	70-135	
1,2,3-Trichlorobenzene	ug/kg	50	67.1	134	69-153	
1,2,3-Trichloropropane	ug/kg	50	62.3	125	70-130	
1,2,4-Trichlorobenzene	ug/kg	50	61.9	124	55-171	
1,2,4-Trimethylbenzene	ug/kg	50	60.5	121	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	50	69.5	139	68-141	
1,2-Dibromoethane (EDB)	ug/kg	50	58.7	117	70-130	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 535261

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	61.7	123	70-140	
1,2-Dichloroethane	ug/kg	50	54.2	108	70-137	
1,2-Dichloropropane	ug/kg	50	52.5	105	70-133	
1,3,5-Trimethylbenzene	ug/kg	50	59.4	119	70-143	
1,3-Dichlorobenzene	ug/kg	50	60.6	121	70-144	
1,3-Dichloropropane	ug/kg	50	58.8	118	70-132	
1,4-Dichlorobenzene	ug/kg	50	59.9	120	70-142	
2,2-Dichloropropane	ug/kg	50	49.8	100	68-152	
2-Butanone (MEK)	ug/kg	100	123	123	70-149	
2-Chlorotoluene	ug/kg	50	58.3	117	70-141	
2-Hexanone	ug/kg	100	134	134	70-149	
4-Chlorotoluene	ug/kg	50	58.4	117	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	126	126	70-153	
Acetone	ug/kg	100	99J	99	70-157	
Benzene	ug/kg	50	48.6	97	70-130	
Bromobenzene	ug/kg	50	60.2	120	70-141	
Bromochloromethane	ug/kg	50	45.5	91	70-149	
Bromodichloromethane	ug/kg	50	55.2	110	70-130	
Bromoform	ug/kg	50	63.4	127	70-131	
Bromomethane	ug/kg	50	52.2	104	64-136	
Carbon tetrachloride	ug/kg	50	55.6	111	70-154	
Chlorobenzene	ug/kg	50	57.2	114	70-135	
Chloroethane	ug/kg	50	59.1	118	68-151	
Chloroform	ug/kg	50	53.7	107	70-130	
Chloromethane	ug/kg	50	62.0	124	70-132	
cis-1,2-Dichloroethene	ug/kg	50	47.9	96	70-140	
cis-1,3-Dichloropropene	ug/kg	50	55.4	111	70-137	
Dibromochloromethane	ug/kg	50	59.2	118	70-130	
Dibromomethane	ug/kg	50	56.2	112	70-136	
Dichlorodifluoromethane	ug/kg	50	52.8	106	36-148	
Diisopropyl ether	ug/kg	50	54.2	108	70-139	
Ethylbenzene	ug/kg	50	55.6	111	70-137	
Hexachloro-1,3-butadiene	ug/kg	50	61.2	122	70-145	
Isopropylbenzene (Cumene)	ug/kg	50	57.4	115	70-141	
m&p-Xylene	ug/kg	100	111	111	70-140	
Methyl-tert-butyl ether	ug/kg	50	53.7	107	45-150	
Methylene Chloride	ug/kg	50	52.5	105	70-133	
n-Butylbenzene	ug/kg	50	58.8	118	65-155	
n-Propylbenzene	ug/kg	50	58.1	116	70-148	
Naphthalene	ug/kg	50	70.5	141	70-148	
o-Xylene	ug/kg	50	57.7	115	70-141	
p-Isopropyltoluene	ug/kg	50	59.7	119	70-148	
sec-Butylbenzene	ug/kg	50	59.9	120	70-145	
Styrene	ug/kg	50	60.6	121	70-138	
tert-Butylbenzene	ug/kg	50	60.0	120	70-143	
Tetrachloroethene	ug/kg	50	52.2	104	70-140	
Toluene	ug/kg	50	51.5	103	70-130	
trans-1,2-Dichloroethene	ug/kg	50	47.3	95	70-136	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 535261

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	59.0	118	70-138	
Trichloroethene	ug/kg	50	49.8	100	70-132	
Trichlorofluoromethane	ug/kg	50	54.7	109	69-134	
Vinyl acetate	ug/kg	100	101	101	24-161	
Vinyl chloride	ug/kg	50	64.7	129	55-140	
Xylene (Total)	ug/kg	150	169	113	70-141	
1,2-Dichloroethane-d4 (S)	%			103	70-132	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			104	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE SAMPLE: 535698

Parameter	Units	9282842002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	54.2	73.0	135	49-180	
Benzene	ug/kg	ND	54.2	67.2	124	50-166	
Chlorobenzene	ug/kg	ND	54.2	62.6	116	43-169	
Toluene	ug/kg	ND	54.2	67.0	124	52-163	
Trichloroethene	ug/kg	ND	54.2	68.0	126	49-167	
1,2-Dichloroethane-d4 (S)	%				131	70-132	
4-Bromofluorobenzene (S)	%				90	70-130	
Dibromofluoromethane (S)	%				128	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 535699

Parameter	Units	9282852003 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,1-Trichloroethane	ug/kg	ND	ND		
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,2-Trichloroethane	ug/kg	ND	ND		
1,1-Dichloroethane	ug/kg	ND	ND		
1,1-Dichloroethene	ug/kg	ND	ND		
1,1-Dichloropropene	ug/kg	ND	ND		
1,2,3-Trichlorobenzene	ug/kg	ND	ND		
1,2,3-Trichloropropane	ug/kg	ND	ND		
1,2,4-Trichlorobenzene	ug/kg	ND	ND		
1,2,4-Trimethylbenzene	ug/kg	ND	ND		
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		
1,2-Dichlorobenzene	ug/kg	ND	ND		
1,2-Dichloroethane	ug/kg	ND	ND		
1,2-Dichloropropane	ug/kg	ND	ND		
1,3,5-Trimethylbenzene	ug/kg	ND	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

SAMPLE DUPLICATE: 535699

Parameter	Units	9282852003 Result	Dup Result	RPD	Qualifiers
1,3-Dichloropropane	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
2,2-Dichloropropane	ug/kg	ND	ND		
2-Butanone (MEK)	ug/kg	ND	18.6J		
2-Chlorotoluene	ug/kg	ND	ND		
2-Hexanone	ug/kg	ND	ND		
4-Chlorotoluene	ug/kg	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	20.2J		
Acetone	ug/kg	569	237	82	C9,R1
Benzene	ug/kg	ND	ND		
Bromobenzene	ug/kg	ND	ND		
Bromochloromethane	ug/kg	ND	ND		
Bromodichloromethane	ug/kg	ND	ND		
Bromoform	ug/kg	ND	ND		
Bromomethane	ug/kg	ND	ND		
Carbon tetrachloride	ug/kg	ND	ND		
Chlorobenzene	ug/kg	ND	ND		
Chloroethane	ug/kg	ND	ND		
Chloroform	ug/kg	ND	ND		
Chloromethane	ug/kg	ND	ND		
cis-1,2-Dichloroethene	ug/kg	ND	ND		
cis-1,3-Dichloropropene	ug/kg	ND	ND		
Dibromochloromethane	ug/kg	ND	ND		
Dibromomethane	ug/kg	ND	ND		
Dichlorodifluoromethane	ug/kg	ND	ND		H1
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	ND	ND		
Hexachloro-1,3-butadiene	ug/kg	ND	ND		
Isopropylbenzene (Cumene)	ug/kg	ND	ND		
m&p-Xylene	ug/kg	ND	ND		
Methyl-tert-butyl ether	ug/kg	ND	ND		
Methylene Chloride	ug/kg	ND	ND		
n-Butylbenzene	ug/kg	ND	ND		
n-Propylbenzene	ug/kg	ND	ND		
Naphthalene	ug/kg	ND	3J		
o-Xylene	ug/kg	ND	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
sec-Butylbenzene	ug/kg	ND	ND		
Styrene	ug/kg	ND	10.5		
tert-Butylbenzene	ug/kg	ND	ND		
Tetrachloroethene	ug/kg	ND	ND		
Toluene	ug/kg	ND	ND		
trans-1,2-Dichloroethene	ug/kg	ND	ND		
trans-1,3-Dichloropropene	ug/kg	ND	ND		
Trichloroethene	ug/kg	ND	ND		
Trichlorofluoromethane	ug/kg	ND	ND		
Vinyl acetate	ug/kg	ND	ND		
Vinyl chloride	ug/kg	ND	ND		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

SAMPLE DUPLICATE: 535699

Parameter	Units	9282852003 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/kg	ND	ND		
1,2-Dichloroethane-d4 (S)	%	106	124	11	
4-Bromofluorobenzene (S)	%	73	75	23	
Dibromofluoromethane (S)	%	111	124	16	
Toluene-d8 (S)	%	91	92	24	

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QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: MSV/13286 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9282618010, 9282618011, 9282618012, 9282618013, 9282618014, 9282618015, 9282618016

METHOD BLANK: 535262 Matrix: Solid
Associated Lab Samples: 9282618010, 9282618011, 9282618012, 9282618013, 9282618014, 9282618015, 9282618016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	12/02/10 12:00	
1,1,1-Trichloroethane	ug/kg	ND	5.0	12/02/10 12:00	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	12/02/10 12:00	
1,1,2-Trichloroethane	ug/kg	ND	5.0	12/02/10 12:00	
1,1-Dichloroethane	ug/kg	ND	5.0	12/02/10 12:00	
1,1-Dichloroethene	ug/kg	ND	5.0	12/02/10 12:00	
1,1-Dichloropropene	ug/kg	ND	5.0	12/02/10 12:00	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	12/02/10 12:00	
1,2,3-Trichloropropane	ug/kg	ND	5.0	12/02/10 12:00	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	12/02/10 12:00	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	12/02/10 12:00	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	12/02/10 12:00	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	12/02/10 12:00	
1,2-Dichlorobenzene	ug/kg	ND	5.0	12/02/10 12:00	
1,2-Dichloroethane	ug/kg	ND	5.0	12/02/10 12:00	
1,2-Dichloropropane	ug/kg	ND	5.0	12/02/10 12:00	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	12/02/10 12:00	
1,3-Dichlorobenzene	ug/kg	ND	5.0	12/02/10 12:00	
1,3-Dichloropropane	ug/kg	ND	5.0	12/02/10 12:00	
1,4-Dichlorobenzene	ug/kg	ND	5.0	12/02/10 12:00	
2,2-Dichloropropane	ug/kg	ND	5.0	12/02/10 12:00	
2-Butanone (MEK)	ug/kg	ND	100	12/02/10 12:00	
2-Chlorotoluene	ug/kg	ND	5.0	12/02/10 12:00	
2-Hexanone	ug/kg	ND	50.0	12/02/10 12:00	
4-Chlorotoluene	ug/kg	ND	5.0	12/02/10 12:00	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	12/02/10 12:00	
Acetone	ug/kg	ND	100	12/02/10 12:00	
Benzene	ug/kg	ND	5.0	12/02/10 12:00	
Bromobenzene	ug/kg	ND	5.0	12/02/10 12:00	
Bromochloromethane	ug/kg	ND	5.0	12/02/10 12:00	
Bromodichloromethane	ug/kg	ND	5.0	12/02/10 12:00	
Bromoform	ug/kg	ND	5.0	12/02/10 12:00	
Bromomethane	ug/kg	ND	10.0	12/02/10 12:00	
Carbon tetrachloride	ug/kg	ND	5.0	12/02/10 12:00	
Chlorobenzene	ug/kg	ND	5.0	12/02/10 12:00	
Chloroethane	ug/kg	ND	10.0	12/02/10 12:00	
Chloroform	ug/kg	ND	5.0	12/02/10 12:00	
Chloromethane	ug/kg	ND	10.0	12/02/10 12:00	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	12/02/10 12:00	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	12/02/10 12:00	
Dibromochloromethane	ug/kg	ND	5.0	12/02/10 12:00	
Dibromomethane	ug/kg	ND	5.0	12/02/10 12:00	
Dichlorodifluoromethane	ug/kg	ND	10.0	12/02/10 12:00	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

METHOD BLANK: 535262 Matrix: Solid

Associated Lab Samples: 9282618010, 9282618011, 9282618012, 9282618013, 9282618014, 9282618015, 9282618016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	12/02/10 12:00	
Ethylbenzene	ug/kg	ND	5.0	12/02/10 12:00	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	12/02/10 12:00	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	12/02/10 12:00	
m&p-Xylene	ug/kg	ND	10.0	12/02/10 12:00	
Methyl-tert-butyl ether	ug/kg	ND	5.0	12/02/10 12:00	
Methylene Chloride	ug/kg	ND	20.0	12/02/10 12:00	
n-Butylbenzene	ug/kg	ND	5.0	12/02/10 12:00	
n-Propylbenzene	ug/kg	ND	5.0	12/02/10 12:00	
Naphthalene	ug/kg	6.0	5.0	12/02/10 12:00	B-
o-Xylene	ug/kg	ND	5.0	12/02/10 12:00	
p-Isopropyltoluene	ug/kg	ND	5.0	12/02/10 12:00	
sec-Butylbenzene	ug/kg	ND	5.0	12/02/10 12:00	
Styrene	ug/kg	ND	5.0	12/02/10 12:00	
tert-Butylbenzene	ug/kg	ND	5.0	12/02/10 12:00	
Tetrachloroethene	ug/kg	ND	5.0	12/02/10 12:00	
Toluene	ug/kg	ND	5.0	12/02/10 12:00	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	12/02/10 12:00	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	12/02/10 12:00	
Trichloroethene	ug/kg	ND	5.0	12/02/10 12:00	
Trichlorofluoromethane	ug/kg	ND	5.0	12/02/10 12:00	
Vinyl acetate	ug/kg	ND	50.0	12/02/10 12:00	
Vinyl chloride	ug/kg	ND	10.0	12/02/10 12:00	
Xylene (Total)	ug/kg	ND	10.0	12/02/10 12:00	
1,2-Dichloroethane-d4 (S)	%	103	70-132	12/02/10 12:00	
4-Bromofluorobenzene (S)	%	97	70-130	12/02/10 12:00	
Dibromofluoromethane (S)	%	106	70-130	12/02/10 12:00	
Toluene-d8 (S)	%	104	70-130	12/02/10 12:00	

LABORATORY CONTROL SAMPLE: 535263

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	44.8	90	70-131	
1,1,1-Trichloroethane	ug/kg	50	43.8	88	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	50	44.6	89	70-130	
1,1,2-Trichloroethane	ug/kg	50	44.8	90	70-132	
1,1-Dichloroethane	ug/kg	50	43.7	87	70-143	
1,1-Dichloroethene	ug/kg	50	41.2	82	70-137	
1,1-Dichloropropene	ug/kg	50	41.1	82	70-135	
1,2,3-Trichlorobenzene	ug/kg	50	44.2	88	69-153	
1,2,3-Trichloropropane	ug/kg	50	43.4	87	70-130	
1,2,4-Trichlorobenzene	ug/kg	50	42.3	85	55-171	
1,2,4-Trimethylbenzene	ug/kg	50	43.3	87	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	50	44.5	89	68-141	
1,2-Dibromoethane (EDB)	ug/kg	50	42.2	84	70-130	

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 535263

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	43.6	87	70-140	
1,2-Dichloroethane	ug/kg	50	45.1	90	70-137	
1,2-Dichloropropane	ug/kg	50	42.7	85	70-133	
1,3,5-Trimethylbenzene	ug/kg	50	42.8	86	70-143	
1,3-Dichlorobenzene	ug/kg	50	42.2	84	70-144	
1,3-Dichloropropane	ug/kg	50	43.6	87	70-132	
1,4-Dichlorobenzene	ug/kg	50	42.3	85	70-142	
2,2-Dichloropropane	ug/kg	50	43.7	87	68-152	
2-Butanone (MEK)	ug/kg	100	93.5J	93	70-149	
2-Chlorotoluene	ug/kg	50	43.5	87	70-141	
2-Hexanone	ug/kg	100	91.9	92	70-149	
4-Chlorotoluene	ug/kg	50	43.9	88	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	87.8	88	70-153	
Acetone	ug/kg	100	78.9J	79	70-157	
Benzene	ug/kg	50	41.9	84	70-130	
Bromobenzene	ug/kg	50	43.9	88	70-141	
Bromochloromethane	ug/kg	50	39.5	79	70-149	
Bromodichloromethane	ug/kg	50	43.1	86	70-130	
Bromoform	ug/kg	50	44.2	88	70-131	
Bromomethane	ug/kg	50	50.0	100	64-136	
Carbon tetrachloride	ug/kg	50	48.1	96	70-154	
Chlorobenzene	ug/kg	50	43.1	86	70-135	
Chloroethane	ug/kg	50	52.8	106	68-151	
Chloroform	ug/kg	50	44.5	89	70-130	
Chloromethane	ug/kg	50	54.5	109	70-132	
cis-1,2-Dichloroethene	ug/kg	50	42.9	86	70-140	
cis-1,3-Dichloropropene	ug/kg	50	43.1	86	70-137	
Dibromochloromethane	ug/kg	50	42.7	85	70-130	
Dibromomethane	ug/kg	50	44.6	89	70-136	
Dichlorodifluoromethane	ug/kg	50	47.9	96	36-148	
Diisopropyl ether	ug/kg	50	45.7	91	70-139	
Ethylbenzene	ug/kg	50	42.3	85	70-137	
Hexachloro-1,3-butadiene	ug/kg	50	40.7	81	70-145	
Isopropylbenzene (Cumene)	ug/kg	50	42.5	85	70-141	
m&p-Xylene	ug/kg	100	85.2	85	70-140	
Methyl-tert-butyl ether	ug/kg	50	45.3	91	45-150	
Methylene Chloride	ug/kg	50	44.6	89	70-133	
n-Butylbenzene	ug/kg	50	41.8	84	65-155	
n-Propylbenzene	ug/kg	50	42.8	86	70-148	
Naphthalene	ug/kg	50	47.1	94	70-148	
o-Xylene	ug/kg	50	43.2	86	70-141	
p-Isopropyltoluene	ug/kg	50	42.5	85	70-148	
sec-Butylbenzene	ug/kg	50	42.5	85	70-145	
Styrene	ug/kg	50	44.4	89	70-138	
tert-Butylbenzene	ug/kg	50	43.4	87	70-143	
Tetrachloroethene	ug/kg	50	42.3	85	70-140	
Toluene	ug/kg	50	41.7	83	70-130	
trans-1,2-Dichloroethene	ug/kg	50	41.3	83	70-136	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 535263

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	42.7	85	70-138	
Trichloroethene	ug/kg	50	42.2	84	70-132	
Trichlorofluoromethane	ug/kg	50	49.0	98	69-134	
Vinyl acetate	ug/kg	100	78.5	79	24-161	
Vinyl chloride	ug/kg	50	57.2	114	55-140	
Xylene (Total)	ug/kg	150	128	86	70-141	
1,2-Dichloroethane-d4 (S)	%			103	70-132	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: MSV/13289 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9282618017, 9282618018, 9282618019, 9282618020, 9282618021

METHOD BLANK: 535336 Matrix: Solid
Associated Lab Samples: 9282618017, 9282618018, 9282618019, 9282618020, 9282618021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	12/02/10 12:30	
1,1,1-Trichloroethane	ug/kg	ND	5.0	12/02/10 12:30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	12/02/10 12:30	
1,1,2-Trichloroethane	ug/kg	ND	5.0	12/02/10 12:30	
1,1-Dichloroethane	ug/kg	ND	5.0	12/02/10 12:30	
1,1-Dichloroethene	ug/kg	ND	5.0	12/02/10 12:30	
1,1-Dichloropropene	ug/kg	ND	5.0	12/02/10 12:30	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	12/02/10 12:30	
1,2,3-Trichloropropane	ug/kg	ND	5.0	12/02/10 12:30	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	12/02/10 12:30	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	12/02/10 12:30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	12/02/10 12:30	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	12/02/10 12:30	
1,2-Dichlorobenzene	ug/kg	ND	5.0	12/02/10 12:30	
1,2-Dichloroethane	ug/kg	ND	5.0	12/02/10 12:30	
1,2-Dichloropropane	ug/kg	ND	5.0	12/02/10 12:30	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	12/02/10 12:30	
1,3-Dichlorobenzene	ug/kg	ND	5.0	12/02/10 12:30	
1,3-Dichloropropane	ug/kg	ND	5.0	12/02/10 12:30	
1,4-Dichlorobenzene	ug/kg	ND	5.0	12/02/10 12:30	
2,2-Dichloropropane	ug/kg	ND	5.0	12/02/10 12:30	
2-Butanone (MEK)	ug/kg	ND	100	12/02/10 12:30	
2-Chlorotoluene	ug/kg	ND	5.0	12/02/10 12:30	
2-Hexanone	ug/kg	ND	50.0	12/02/10 12:30	
4-Chlorotoluene	ug/kg	ND	5.0	12/02/10 12:30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	12/02/10 12:30	
Acetone	ug/kg	ND	100	12/02/10 12:30	
Benzene	ug/kg	ND	5.0	12/02/10 12:30	
Bromobenzene	ug/kg	ND	5.0	12/02/10 12:30	
Bromochloromethane	ug/kg	ND	5.0	12/02/10 12:30	
Bromodichloromethane	ug/kg	ND	5.0	12/02/10 12:30	
Bromoform	ug/kg	ND	5.0	12/02/10 12:30	
Bromomethane	ug/kg	ND	10.0	12/02/10 12:30	
Carbon tetrachloride	ug/kg	ND	5.0	12/02/10 12:30	
Chlorobenzene	ug/kg	ND	5.0	12/02/10 12:30	
Chloroethane	ug/kg	ND	10.0	12/02/10 12:30	
Chloroform	ug/kg	ND	5.0	12/02/10 12:30	
Chloromethane	ug/kg	ND	10.0	12/02/10 12:30	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	12/02/10 12:30	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	12/02/10 12:30	
Dibromochloromethane	ug/kg	ND	5.0	12/02/10 12:30	
Dibromomethane	ug/kg	ND	5.0	12/02/10 12:30	
Dichlorodifluoromethane	ug/kg	ND	10.0	12/02/10 12:30	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

METHOD BLANK: 535336 Matrix: Solid

Associated Lab Samples: 9282618017, 9282618018, 9282618019, 9282618020, 9282618021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	12/02/10 12:30	
Ethylbenzene	ug/kg	ND	5.0	12/02/10 12:30	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	12/02/10 12:30	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	12/02/10 12:30	
m&p-Xylene	ug/kg	ND	10.0	12/02/10 12:30	
Methyl-tert-butyl ether	ug/kg	ND	5.0	12/02/10 12:30	
Methylene Chloride	ug/kg	ND	20.0	12/02/10 12:30	
n-Butylbenzene	ug/kg	ND	5.0	12/02/10 12:30	
n-Propylbenzene	ug/kg	ND	5.0	12/02/10 12:30	
Naphthalene	ug/kg	ND	5.0	12/02/10 12:30	
o-Xylene	ug/kg	ND	5.0	12/02/10 12:30	
p-Isopropyltoluene	ug/kg	ND	5.0	12/02/10 12:30	
sec-Butylbenzene	ug/kg	ND	5.0	12/02/10 12:30	
Styrene	ug/kg	ND	5.0	12/02/10 12:30	
tert-Butylbenzene	ug/kg	ND	5.0	12/02/10 12:30	
Tetrachloroethene	ug/kg	ND	5.0	12/02/10 12:30	
Toluene	ug/kg	ND	5.0	12/02/10 12:30	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	12/02/10 12:30	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	12/02/10 12:30	
Trichloroethene	ug/kg	ND	5.0	12/02/10 12:30	
Trichlorofluoromethane	ug/kg	ND	5.0	12/02/10 12:30	
Vinyl acetate	ug/kg	ND	50.0	12/02/10 12:30	
Vinyl chloride	ug/kg	ND	10.0	12/02/10 12:30	
Xylene (Total)	ug/kg	ND	10.0	12/02/10 12:30	
1,2-Dichloroethane-d4 (S)	%	116	70-132	12/02/10 12:30	
4-Bromofluorobenzene (S)	%	94	70-130	12/02/10 12:30	
Dibromofluoromethane (S)	%	110	70-130	12/02/10 12:30	
Toluene-d8 (S)	%	95	70-130	12/02/10 12:30	

LABORATORY CONTROL SAMPLE: 535337

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.4	105	70-131	
1,1,1-Trichloroethane	ug/kg	50	50.1	100	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	50	54.5	109	70-130	
1,1,2-Trichloroethane	ug/kg	50	55.3	111	70-132	
1,1-Dichloroethane	ug/kg	50	50.2	100	70-143	
1,1-Dichloroethene	ug/kg	50	46.4	93	70-137	
1,1-Dichloropropene	ug/kg	50	48.7	97	70-135	
1,2,3-Trichlorobenzene	ug/kg	50	49.2	98	69-153	
1,2,3-Trichloropropane	ug/kg	50	50.6	101	70-130	
1,2,4-Trichlorobenzene	ug/kg	50	47.5	95	55-171	
1,2,4-Trimethylbenzene	ug/kg	50	48.9	98	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	50	51.1	102	68-141	
1,2-Dibromoethane (EDB)	ug/kg	50	51.3	103	70-130	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 535337

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	49.0	98	70-140	
1,2-Dichloroethane	ug/kg	50	53.7	107	70-137	
1,2-Dichloropropane	ug/kg	50	51.1	102	70-133	
1,3,5-Trimethylbenzene	ug/kg	50	47.9	96	70-143	
1,3-Dichlorobenzene	ug/kg	50	47.0	94	70-144	
1,3-Dichloropropane	ug/kg	50	52.8	106	70-132	
1,4-Dichlorobenzene	ug/kg	50	47.1	94	70-142	
2,2-Dichloropropane	ug/kg	50	50.5	101	68-152	
2-Butanone (MEK)	ug/kg	100	108	108	70-149	
2-Chlorotoluene	ug/kg	50	47.5	95	70-141	
2-Hexanone	ug/kg	100	113	113	70-149	
4-Chlorotoluene	ug/kg	50	47.3	95	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	113	113	70-153	
Acetone	ug/kg	100	99.3J	99	70-157	
Benzene	ug/kg	50	48.6	97	70-130	
Bromobenzene	ug/kg	50	48.1	96	70-141	
Bromochloromethane	ug/kg	50	50.6	101	70-149	
Bromodichloromethane	ug/kg	50	51.1	102	70-130	
Bromoform	ug/kg	50	52.6	105	70-131	
Bromomethane	ug/kg	50	62.7	125	64-136	
Carbon tetrachloride	ug/kg	50	49.8	100	70-154	
Chlorobenzene	ug/kg	50	49.8	100	70-135	
Chloroethane	ug/kg	50	62.6	125	68-151	
Chloroform	ug/kg	50	51.9	104	70-130	
Chloromethane	ug/kg	50	57.4	115	70-132	
cis-1,2-Dichloroethene	ug/kg	50	48.5	97	70-140	
cis-1,3-Dichloropropene	ug/kg	50	51.4	103	70-137	
Dibromochloromethane	ug/kg	50	50.1	100	70-130	
Dibromomethane	ug/kg	50	54.2	108	70-136	
Dichlorodifluoromethane	ug/kg	50	57.4	115	36-148	
Diisopropyl ether	ug/kg	50	52.4	105	70-139	
Ethylbenzene	ug/kg	50	49.0	98	70-137	
Hexachloro-1,3-butadiene	ug/kg	50	47.1	94	70-145	
Isopropylbenzene (Cumene)	ug/kg	50	49.7	99	70-141	
m&p-Xylene	ug/kg	100	97.7	98	70-140	
Methyl-tert-butyl ether	ug/kg	50	53.6	107	45-150	
Methylene Chloride	ug/kg	50	51.5	103	70-133	
n-Butylbenzene	ug/kg	50	47.5	95	65-155	
n-Propylbenzene	ug/kg	50	47.4	95	70-148	
Naphthalene	ug/kg	50	50.6	101	70-148	
o-Xylene	ug/kg	50	50.2	100	70-141	
p-Isopropyltoluene	ug/kg	50	47.7	95	70-148	
sec-Butylbenzene	ug/kg	50	47.6	95	70-145	
Styrene	ug/kg	50	49.5	99	70-138	
tert-Butylbenzene	ug/kg	50	48.7	97	70-143	
Tetrachloroethene	ug/kg	50	48.3	97	70-140	
Toluene	ug/kg	50	48.2	96	70-130	
trans-1,2-Dichloroethene	ug/kg	50	47.7	95	70-136	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 535337

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	51.5	103	70-138	
Trichloroethene	ug/kg	50	48.3	97	70-132	
Trichlorofluoromethane	ug/kg	50	58.9	118	69-134	
Vinyl acetate	ug/kg	100	98.7	99	24-161	
Vinyl chloride	ug/kg	50	68.2	136	55-140	
Xylene (Total)	ug/kg	150	148	99	70-141	
1,2-Dichloroethane-d4 (S)	%			98	70-132	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: MSV/13309 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9282618004, 9282618022, 9282618023, 9282618024

METHOD BLANK: 536110 Matrix: Solid
Associated Lab Samples: 9282618004, 9282618022, 9282618023, 9282618024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	12/03/10 14:33	
1,1,1-Trichloroethane	ug/kg	ND	5.0	12/03/10 14:33	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	12/03/10 14:33	
1,1,2-Trichloroethane	ug/kg	ND	5.0	12/03/10 14:33	
1,1-Dichloroethane	ug/kg	ND	5.0	12/03/10 14:33	
1,1-Dichloroethene	ug/kg	ND	5.0	12/03/10 14:33	
1,1-Dichloropropene	ug/kg	ND	5.0	12/03/10 14:33	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	12/03/10 14:33	
1,2,3-Trichloropropane	ug/kg	ND	5.0	12/03/10 14:33	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	12/03/10 14:33	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	12/03/10 14:33	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	12/03/10 14:33	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	12/03/10 14:33	
1,2-Dichlorobenzene	ug/kg	ND	5.0	12/03/10 14:33	
1,2-Dichloroethane	ug/kg	ND	5.0	12/03/10 14:33	
1,2-Dichloropropane	ug/kg	ND	5.0	12/03/10 14:33	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	12/03/10 14:33	
1,3-Dichlorobenzene	ug/kg	ND	5.0	12/03/10 14:33	
1,3-Dichloropropane	ug/kg	ND	5.0	12/03/10 14:33	
1,4-Dichlorobenzene	ug/kg	ND	5.0	12/03/10 14:33	
2,2-Dichloropropane	ug/kg	ND	5.0	12/03/10 14:33	
2-Butanone (MEK)	ug/kg	ND	100	12/03/10 14:33	
2-Chlorotoluene	ug/kg	ND	5.0	12/03/10 14:33	
2-Hexanone	ug/kg	ND	50.0	12/03/10 14:33	
4-Chlorotoluene	ug/kg	ND	5.0	12/03/10 14:33	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	12/03/10 14:33	
Acetone	ug/kg	ND	100	12/03/10 14:33	
Benzene	ug/kg	ND	5.0	12/03/10 14:33	
Bromobenzene	ug/kg	ND	5.0	12/03/10 14:33	
Bromochloromethane	ug/kg	ND	5.0	12/03/10 14:33	
Bromodichloromethane	ug/kg	ND	5.0	12/03/10 14:33	
Bromoform	ug/kg	ND	5.0	12/03/10 14:33	
Bromomethane	ug/kg	ND	10.0	12/03/10 14:33	
Carbon tetrachloride	ug/kg	ND	5.0	12/03/10 14:33	
Chlorobenzene	ug/kg	ND	5.0	12/03/10 14:33	
Chloroethane	ug/kg	ND	10.0	12/03/10 14:33	
Chloroform	ug/kg	ND	5.0	12/03/10 14:33	
Chloromethane	ug/kg	ND	10.0	12/03/10 14:33	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	12/03/10 14:33	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	12/03/10 14:33	
Dibromochloromethane	ug/kg	ND	5.0	12/03/10 14:33	
Dibromomethane	ug/kg	ND	5.0	12/03/10 14:33	
Dichlorodifluoromethane	ug/kg	ND	10.0	12/03/10 14:33	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

METHOD BLANK: 536110 Matrix: Solid

Associated Lab Samples: 9282618004, 9282618022, 9282618023, 9282618024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	12/03/10 14:33	
Ethylbenzene	ug/kg	ND	5.0	12/03/10 14:33	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	12/03/10 14:33	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	12/03/10 14:33	
m&p-Xylene	ug/kg	ND	10.0	12/03/10 14:33	
Methyl-tert-butyl ether	ug/kg	ND	5.0	12/03/10 14:33	
Methylene Chloride	ug/kg	ND	20.0	12/03/10 14:33	
n-Butylbenzene	ug/kg	ND	5.0	12/03/10 14:33	
n-Propylbenzene	ug/kg	ND	5.0	12/03/10 14:33	
Naphthalene	ug/kg	ND	5.0	12/03/10 14:33	
o-Xylene	ug/kg	ND	5.0	12/03/10 14:33	
p-Isopropyltoluene	ug/kg	ND	5.0	12/03/10 14:33	
sec-Butylbenzene	ug/kg	ND	5.0	12/03/10 14:33	
Styrene	ug/kg	ND	5.0	12/03/10 14:33	
tert-Butylbenzene	ug/kg	ND	5.0	12/03/10 14:33	
Tetrachloroethene	ug/kg	ND	5.0	12/03/10 14:33	
Toluene	ug/kg	ND	5.0	12/03/10 14:33	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	12/03/10 14:33	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	12/03/10 14:33	
Trichloroethene	ug/kg	ND	5.0	12/03/10 14:33	
Trichlorofluoromethane	ug/kg	ND	5.0	12/03/10 14:33	
Vinyl acetate	ug/kg	ND	50.0	12/03/10 14:33	
Vinyl chloride	ug/kg	ND	10.0	12/03/10 14:33	
Xylene (Total)	ug/kg	ND	10.0	12/03/10 14:33	
1,2-Dichloroethane-d4 (S)	%	100	70-132	12/03/10 14:33	
4-Bromofluorobenzene (S)	%	94	70-130	12/03/10 14:33	
Dibromofluoromethane (S)	%	103	70-130	12/03/10 14:33	
Toluene-d8 (S)	%	101	70-130	12/03/10 14:33	

LABORATORY CONTROL SAMPLE: 536111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	46.1	92	70-131	
1,1,1-Trichloroethane	ug/kg	50	44.9	90	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	50	43.9	88	70-130	
1,1,2-Trichloroethane	ug/kg	50	44.9	90	70-132	
1,1-Dichloroethane	ug/kg	50	43.8	88	70-143	
1,1-Dichloroethene	ug/kg	50	41.1	82	70-137	
1,1-Dichloropropene	ug/kg	50	42.2	84	70-135	
1,2,3-Trichlorobenzene	ug/kg	50	50.6	101	69-153	
1,2,3-Trichloropropane	ug/kg	50	39.8	80	70-130	
1,2,4-Trichlorobenzene	ug/kg	50	45.8	92	55-171	
1,2,4-Trimethylbenzene	ug/kg	50	43.9	88	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	50	46.4	93	68-141	
1,2-Dibromoethane (EDB)	ug/kg	50	41.8	84	70-130	

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 536111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	45.4	91	70-140	
1,2-Dichloroethane	ug/kg	50	44.2	88	70-137	
1,2-Dichloropropane	ug/kg	50	45.6	91	70-133	
1,3,5-Trimethylbenzene	ug/kg	50	43.7	87	70-143	
1,3-Dichlorobenzene	ug/kg	50	42.9	86	70-144	
1,3-Dichloropropane	ug/kg	50	44.2	88	70-132	
1,4-Dichlorobenzene	ug/kg	50	42.7	85	70-142	
2,2-Dichloropropane	ug/kg	50	44.2	88	68-152	
2-Butanone (MEK)	ug/kg	100	85.3J	85	70-149	
2-Chlorotoluene	ug/kg	50	43.9	88	70-141	
2-Hexanone	ug/kg	100	91.5	92	70-149	
4-Chlorotoluene	ug/kg	50	44.6	89	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	90.3	90	70-153	
Acetone	ug/kg	100	89.9J	90	70-157	
Benzene	ug/kg	50	44.1	88	70-130	
Bromobenzene	ug/kg	50	47.5	95	70-141	
Bromochloromethane	ug/kg	50	42.2	84	70-149	
Bromodichloromethane	ug/kg	50	45.2	90	70-130	
Bromoform	ug/kg	50	44.7	89	70-131	
Bromomethane	ug/kg	50	38.3	77	64-136	
Carbon tetrachloride	ug/kg	50	54.4	109	70-154	
Chlorobenzene	ug/kg	50	43.9	88	70-135	
Chloroethane	ug/kg	50	42.4	85	68-151	
Chloroform	ug/kg	50	45.9	92	70-130	
Chloromethane	ug/kg	50	39.8	80	70-132	
cis-1,2-Dichloroethene	ug/kg	50	41.4	83	70-140	
cis-1,3-Dichloropropene	ug/kg	50	45.5	91	70-137	
Dibromochloromethane	ug/kg	50	44.0	88	70-130	
Dibromomethane	ug/kg	50	48.9	98	70-136	
Dichlorodifluoromethane	ug/kg	50	32.9	66	36-148	
Diisopropyl ether	ug/kg	50	46.3	93	70-139	
Ethylbenzene	ug/kg	50	43.3	87	70-137	
Hexachloro-1,3-butadiene	ug/kg	50	47.2	94	70-145	
Isopropylbenzene (Cumene)	ug/kg	50	43.7	87	70-141	
m&p-Xylene	ug/kg	100	86.3	86	70-140	
Methyl-tert-butyl ether	ug/kg	50	44.2	88	45-150	
Methylene Chloride	ug/kg	50	44.8	90	70-133	
n-Butylbenzene	ug/kg	50	47.1	94	65-155	
n-Propylbenzene	ug/kg	50	43.6	87	70-148	
Naphthalene	ug/kg	50	54.0	108	70-148	
o-Xylene	ug/kg	50	44.4	89	70-141	
p-Isopropyltoluene	ug/kg	50	43.4	87	70-148	
sec-Butylbenzene	ug/kg	50	44.3	89	70-145	
Styrene	ug/kg	50	46.2	92	70-138	
tert-Butylbenzene	ug/kg	50	45.0	90	70-143	
Tetrachloroethene	ug/kg	50	42.8	86	70-140	
Toluene	ug/kg	50	44.8	90	70-130	
trans-1,2-Dichloroethene	ug/kg	50	42.1	84	70-136	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

LABORATORY CONTROL SAMPLE: 536111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	44.9	90	70-138	
Trichloroethene	ug/kg	50	45.3	91	70-132	
Trichlorofluoromethane	ug/kg	50	39.3	79	69-134	
Vinyl acetate	ug/kg	100	62.1	62	24-161	
Vinyl chloride	ug/kg	50	43.5	87	55-140	
Xylene (Total)	ug/kg	150	131	87	70-141	
1,2-Dichloroethane-d4 (S)	%			93	70-132	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			101	70-130	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: PMST/3596
Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9282618004, 9282618005, 9282618006, 9282618007, 9282618008, 9282618009, 9282618010, 9282618011, 9282618012, 9282618013, 9282618014, 9282618015, 9282618016, 9282618017, 9282618018, 9282618019, 9282618020, 9282618021, 9282618022, 9282618023

SAMPLE DUPLICATE: 532030

Parameter	Units	9282618004 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	12.1	12.0	1	

SAMPLE DUPLICATE: 532031

Parameter	Units	9282618023 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	12.5	13.2	6	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

QC Batch: PMST/3597
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9282618024

SAMPLE DUPLICATE: 532032

Parameter	Units	9282655001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.3	13.9	3	

SAMPLE DUPLICATE: 532033

Parameter	Units	9282617015 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	7.9	8.8	11	

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QUALIFIERS

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

1g	This comment applies to all compounds with an RPD >30.
B-	Analyte detected in method blank but was not detected in the associated samples.
C9	Common Laboratory Contaminant.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H1	Analysis conducted outside the EPA method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9282618004	**S23-3-4**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618005	**S23-5-6**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618006	**S24-3-4**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618007	**S24-5-6**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618008	**S25-3-4**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618009	**S25-5-6**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618010	**S26-2-3**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618011	**S26-5-6**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618012	**S27-3-4**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618013	**S27-6-7**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618014	**S28-1-2**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618015	**S28-5-6**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618016	**S29-3-4**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618017	**S29-5-6**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618018	**S30-2-3**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618019	**S30-5-6**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618020	**S31-3-4**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618021	**S31-6-7**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618022	**S32-3-4**	EPA 3050	MPRP/7503	EPA 6010	ICP/6925
9282618023	**S32-6-7**	EPA 3050	MPRP/7509	EPA 6010	ICP/6931
9282618024	**DUP**	EPA 3050	MPRP/7509	EPA 6010	ICP/6931
9282618001	**MW-1**	EPA 3010	MPRP/7500	EPA 6010	ICP/6922
9282618002	**MW-2**	EPA 3010	MPRP/7500	EPA 6010	ICP/6922
9282618003	**DUP**	EPA 3010	MPRP/7500	EPA 6010	ICP/6922
9282618001	**MW-1**	EPA 7470	MERP/3162	EPA 7470	MERC/3121
9282618002	**MW-2**	EPA 7470	MERP/3162	EPA 7470	MERC/3121
9282618003	**DUP**	EPA 7470	MERP/3162	EPA 7470	MERC/3121
9282618004	**S23-3-4**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618005	**S23-5-6**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618006	**S24-3-4**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618007	**S24-5-6**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618008	**S25-3-4**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618009	**S25-5-6**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618010	**S26-2-3**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618011	**S26-5-6**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618012	**S27-3-4**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618013	**S27-6-7**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618014	**S28-1-2**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618015	**S28-5-6**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618016	**S29-3-4**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618017	**S29-5-6**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618018	**S30-2-3**	EPA 7471	MERP/3165	EPA 7471	MERC/3126
9282618019	**S30-5-6**	EPA 7471	MERP/3166	EPA 7471	MERC/3127
9282618020	**S31-3-4**	EPA 7471	MERP/3166	EPA 7471	MERC/3127
9282618021	**S31-6-7**	EPA 7471	MERP/3166	EPA 7471	MERC/3127
9282618022	**S32-3-4**	EPA 7471	MERP/3166	EPA 7471	MERC/3127

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9282618023	**S32-6-7**	EPA 7471	MERP/3166	EPA 7471	MERC/3127
9282618024	**DUP**	EPA 7471	MERP/3166	EPA 7471	MERC/3127
9282618004	**S23-3-4**	EPA 3546	OEXT/11968	EPA 8270	MSSV/4358
9282618005	**S23-5-6**	EPA 3546	OEXT/11968	EPA 8270	MSSV/4358
9282618006	**S24-3-4**	EPA 3546	OEXT/11968	EPA 8270	MSSV/4358
9282618007	**S24-5-6**	EPA 3546	OEXT/11968	EPA 8270	MSSV/4358
9282618008	**S25-3-4**	EPA 3546	OEXT/12008	EPA 8270	MSSV/4364
9282618009	**S25-5-6**	EPA 3546	OEXT/12008	EPA 8270	MSSV/4364
9282618010	**S26-2-3**	EPA 3546	OEXT/12037	EPA 8270	MSSV/4379
9282618011	**S26-5-6**	EPA 3546	OEXT/12008	EPA 8270	MSSV/4364
9282618012	**S27-3-4**	EPA 3546	OEXT/12037	EPA 8270	MSSV/4379
9282618013	**S27-6-7**	EPA 3546	OEXT/12008	EPA 8270	MSSV/4364
9282618014	**S28-1-2**	EPA 3546	OEXT/12008	EPA 8270	MSSV/4364
9282618015	**S28-5-6**	EPA 3546	OEXT/12008	EPA 8270	MSSV/4364
9282618016	**S29-3-4**	EPA 3546	OEXT/12008	EPA 8270	MSSV/4364
9282618017	**S29-5-6**	EPA 3546	OEXT/12017	EPA 8270	MSSV/4381
9282618018	**S30-2-3**	EPA 3546	OEXT/12017	EPA 8270	MSSV/4381
9282618019	**S30-5-6**	EPA 3546	OEXT/12017	EPA 8270	MSSV/4381
9282618020	**S31-3-4**	EPA 3546	OEXT/12017	EPA 8270	MSSV/4381
9282618021	**S31-6-7**	EPA 3546	OEXT/12017	EPA 8270	MSSV/4381
9282618022	**S32-3-4**	EPA 3546	OEXT/12017	EPA 8270	MSSV/4381
9282618023	**S32-6-7**	EPA 3546	OEXT/12017	EPA 8270	MSSV/4381
9282618024	**DUP**	EPA 3546	OEXT/12017	EPA 8270	MSSV/4381
9282618004	**S23-3-4**	EPA 8260	MSV/13309		
9282618005	**S23-5-6**	EPA 8260	MSV/13285		
9282618006	**S24-3-4**	EPA 8260	MSV/13285		
9282618007	**S24-5-6**	EPA 8260	MSV/13285		
9282618008	**S25-3-4**	EPA 8260	MSV/13285		
9282618009	**S25-5-6**	EPA 8260	MSV/13285		
9282618010	**S26-2-3**	EPA 8260	MSV/13286		
9282618011	**S26-5-6**	EPA 8260	MSV/13286		
9282618012	**S27-3-4**	EPA 8260	MSV/13286		
9282618013	**S27-6-7**	EPA 8260	MSV/13286		
9282618014	**S28-1-2**	EPA 8260	MSV/13286		
9282618015	**S28-5-6**	EPA 8260	MSV/13286		
9282618016	**S29-3-4**	EPA 8260	MSV/13286		
9282618017	**S29-5-6**	EPA 8260	MSV/13289		
9282618018	**S30-2-3**	EPA 8260	MSV/13289		
9282618019	**S30-5-6**	EPA 8260	MSV/13289		
9282618020	**S31-3-4**	EPA 8260	MSV/13289		
9282618021	**S31-6-7**	EPA 8260	MSV/13289		
9282618022	**S32-3-4**	EPA 8260	MSV/13309		
9282618023	**S32-6-7**	EPA 8260	MSV/13309		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WRIGHTSVILLE AVE 22-13842E
Pace Project No.: 9282618

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9282618024	**DUP**	EPA 8260	MSV/13309		
9282618004	**S23-3-4**	ASTM D2974-87	PMST/3596		
9282618005	**S23-5-6**	ASTM D2974-87	PMST/3596		
9282618006	**S24-3-4**	ASTM D2974-87	PMST/3596		
9282618007	**S24-5-6**	ASTM D2974-87	PMST/3596		
9282618008	**S25-3-4**	ASTM D2974-87	PMST/3596		
9282618009	**S25-5-6**	ASTM D2974-87	PMST/3596		
9282618010	**S26-2-3**	ASTM D2974-87	PMST/3596		
9282618011	**S26-5-6**	ASTM D2974-87	PMST/3596		
9282618012	**S27-3-4**	ASTM D2974-87	PMST/3596		
9282618013	**S27-6-7**	ASTM D2974-87	PMST/3596		
9282618014	**S28-1-2**	ASTM D2974-87	PMST/3596		
9282618015	**S28-5-6**	ASTM D2974-87	PMST/3596		
9282618016	**S29-3-4**	ASTM D2974-87	PMST/3596		
9282618017	**S29-5-6**	ASTM D2974-87	PMST/3596		
9282618018	**S30-2-3**	ASTM D2974-87	PMST/3596		
9282618019	**S30-5-6**	ASTM D2974-87	PMST/3596		
9282618020	**S31-3-4**	ASTM D2974-87	PMST/3596		
9282618021	**S31-6-7**	ASTM D2974-87	PMST/3596		
9282618022	**S32-3-4**	ASTM D2974-87	PMST/3596		
9282618023	**S32-6-7**	ASTM D2974-87	PMST/3596		
9282618024	**DUP**	ASTM D2974-87	PMST/3597		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

1352556

Section A Required Client Information:

Company: ECS Carolinas
Address: 7211 Ogden Bus Lane
Wilmington NC 28411
Email To: aconchas@ecslimited.com
Phone: 910-686-9114 Fax:
Requested Due Date/TAT: standard

Section B Required Project Information:

Report To: Amy Conchas
Copy To:
Purchase Order No.: 22-13942E
Project Name: Wrightsville Ave
Project Number: 22-13942E

Section C Invoice Information:

Attention: Amy Conchas
Company Name: ECS
Address: Wilmington
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 2703-259

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☒ OTHER IHWS

Site Location STATE: NC

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): 8270, 8260, pp metals

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8270	8260	pp metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	W	G			11/19/10	3:50					X									X		001
2	MW-2	W	G			11/19/10	4:50					X									X		002
3	Dup	W	G			11/19/10	—					X									X		003
4	S23-3-4	S	G				10:10								X	X	X		X	X	X		004
5	S23-5-6						10:20																005
6	S-24-3-4						10:35																006
7	S-24-5-6						10:40																007
8	S25-3-4						10:50																008
9	S-25-5-6						10:55																009
10	S26-2-3						11:05																010
11	S26-5-6						11:10																011
12	S27-3-4						11:20																012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Amy Conchas / ECS	11/19/10	5:30	[signature] / PAL	11/20/10	0900	3.4	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Amy Conchas
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/19/10

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

* Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 2

1380011

Section A Required Client Information:

Company: ECS Carolinas
Address: Wilmington NC
Email To: aconchas@ecslimited.com
Phone: 910-686-9114 Fax:
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Amy Conchas
Copy To:
Purchase Order No.:
Project Name: Wrightsville Ave
Project Number: 22-13842E

Section C Invoice Information:

Attention: Amy Conchas
Company Name: ECS
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☒ OTHER

Site Location STATE: NC

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): 8260	8270	PP Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	S27-6-7	S	G			11/19/10	11:25			X					X	X		X	X	X		013
2	S28-1-2						11:35															014
3	S29-5-6						11:45															015
4	S29-3-4						12:05															016
5	S29-5-6						12:10															017
6	S30-2-3						12:16															018
7	S30-5-6						12:18															019
8	S31-3-4						12:25															020
9	S31 6-7						12:30															021
10	S32 3-4						12:47															022
11	S32-6-7						12:50															023
12	Dup																					024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Amy Conchas / ECS	11/19/10	5:30	[signature]	11/20/10	0960	3.4	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Amy Conchas
SIGNATURE of SAMPLER: Amy Conchas
DATE Signed (MM/DD/YY): 11/19/10

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Condition Upon Receipt

Face Analytical

Client Name: ECS Project # 92826 18

Where Received: ☒ Huntersville ☐ Asheville ☐ Eden

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used: IR Gun : T809 **Type of Ice:** (Wet) Blue None ☒ Samples on ice, cooling process has begun

Temp Correction Factor: Add / Subtract _____0_____C

Corrected Cooler Temp.: 3.4 C **Biological Tissue is Frozen:** Yes (No)

Temp should be above freezing to 6°C **Comments:**

Date and Initials of person examining contents JEB 11/26/10

Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☒No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☒No	☐N/A	7.
Sufficient Volume:	☒Yes	☐No	☐N/A	8.
Correct Containers Used:	☒Yes	☐No	☐N/A	9.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
Contains Intact:	☒Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11.
Sample Labels match COC:	☒Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT/SW				
All containers needing preservation have been checked.	☒Yes	☐No	☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes	☐No	☐N/A	
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No		Initial when completed
Samples checked for dechlorination:	☐Yes	☐No	☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☒N/A	15.
Trip Blank Present:	☐Yes	☐No	☒N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☒N/A	
Pace Trip Blank Lot # (if purchased):_____				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

CURF Review: MS **Date:** 11/26/10 **SRF Review:** EW **Date:** 11/22/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-CHR-CS-003-rev.01

APPENDIX E
CERTIFICATION DOCUMENTS

REC PROGRAM DOCUMENT CERTIFICATION FORM - PAGE 1 OF 2
IHSB SITE NAME Wrightsville Avenue
DATE & NAME OF DOCUMENT March 19, 2012 Remedial Investigation Report
TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(B)(2))

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Investors Trust Company by Stephen E. Pike
Name of Remediating Party

Signature of Remediating Party Date 3/27/12

NOTARIZATION

North Carolina (Enter State)
Orange COUNTY

I, Patricia D. Unger, a Notary Public of said County and State, do hereby certify that Stephen E. Pike did personally appear and sign before me this day, produced proper identification in the form of N.C. D.L., was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 27th day of March, 2012

Patricia D. Unger
Notary Public (signature)

(OFFICIAL SEAL)

PATRICIA D. UNGER NOTARY PUBLIC ORANGE COUNTY, NC Comm. Exp. 5-28-2012.

My commission expires: 05-28-12

Document Certification Form No. DC - 1
(Revised 8/11)

IHSB SITE NAME Wrightsville Avenue

DATE & NAME OF DOCUMENT March 19, 2012 Remedial Investigation Report

TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REGISTERED SITE MANAGER CERTIFICATION OF SIGNATURES

As the Registered Environmental Consultant for the Site for which this filing is made, I certify that the signatures included herewith are genuine and authentic original handwritten signatures and/or true, accurate, and complete copies of the genuine and authentic original handwritten signatures of the persons who purport to sign for this filing. I further certify that I have collected through reliable means the originals and/or copies of said signatures from the persons authorized to sign for this filing who, in fact, signed the originals thereof. Those persons and I understand and agree that any copies of signatures have the same legally binding effect as original handwritten signatures, and I certify that any person for whom I am submitting a copy of their signature has provided me with their express consent to submit said copy. Additionally, I certify that I am authorized to attest to the genuineness and authenticity of the signatures, both originals and any copies, being submitted herewith and that by signing below, I do in fact attest to the genuineness and authenticity of all the signatures, both originals and copies, being submitted for this filing.

John M. Stewart
Name of Registered Site Manager

J M. Stewart
Signature of Registered Site Manager

3/28/2012
Date

REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1))

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

John M. Stewart
Name of Registered Site Manager

J M. Stewart
Signature of Registered Site Manager

3/28/2012
Date

NOTARIZATION

North Carolina (Enter State)

Alamance COUNTY

I, Donna Peters, a Notary Public of said County and State, do hereby certify that John M. Stewart did personally appear and sign before me this day, produced proper identification in the form of Drivers License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certifications is true and accurate, and he or she then signed these Certifications in my presence.

WITNESS my hand and official seal this 28 day of March, 2012

Notary Public (signature)

(OFFICIAL SEAL)

DONNA R. PETERS NOTARY PUBLIC ALAMANCE COUNTY, N.C.

My commission expires: 3/24/17

REMEDIAL INVESTIGATION COMPLETION CERTIFICATION
15A NCAC 13C.0306(b)(5)(B)

Media (check all that apply): ☐ All Media ☑ Soil ☑ Ground water ☐ Surface water ☐ Sediment

Site Name: Wrightsville Avenue
County: New Hanover
Site ID No.: NONCD0002799

Street Address: 2501 - 2509 Wrightsville Ave.
Wilmington NC

The remedial investigation, which is the subject of this certification has, to the best of my knowledge, been completed in compliance with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq. and the remedial action program Rules 15A NCAC 13C .0300, and

ECS Carolinas, LLP
[REC Name]

is in compliance with Rules .0305(b)(2) and .0305(b)(3), of this section. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information.

RSM Signature: John M. Stewart
Date: 3/28/2012
RSM Name: John M. Stewart
REC Name: ECS Carolinas, LLP
Mailing Address: 4811 Koger Boulevard
REC No.: 00047
City, State, ZIP: Greensboro, NC 27407

NOTARIZATION

North Carolina (Enter State)

Alamance **COUNTY**

I, Donna Peters, a Notary Public of said County and State, do hereby certify that John M. Stewart did personally appear and sign before me this day, produced proper identification in the form of Drivers License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 28 day of March, 2012

Notary Public (signature)

(OFFICIAL SEAL)

DONNA R. PETERS NOTARY PUBLIC ALAMANCE COUNTY, NC

My commission expires: 3/04/17