Brownfield Phase II
Site Assessment Report
Commercial Buildings
500 E. Davie Street
Raleigh, North Carolina

H&H Job No. RAL-001

March 2, 2007

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1.0 Introduction and Background

Hart & Hickman, PC (H&H) conducted Brownfield Phase II environmental site assessment activities at the 500 E. Davie Street Site on behalf of the City of Raleigh under the Brownfield Assessment Grant BF-96416704-0 provided by U.S. Environmental Protection Agency (EPA) Region 4. This Brownfield Phase II Site Assessment Report (SAR) presents findings of assessment activities conducted in accordance with the Quality Assurance Project Plan (QAPP) developed for this site (Hart & Hickman, Rev. 1, October 17, 2006).

1.1 Site Conditions

The subject site is an approximate 0.83-acre parcel of land and idle commercial buildings that was historically divided into four (4) separate parcels referred to as 500, 502-504 and 510 E. Davie Street, and 411 East Street. The combined site is now listed in the county tax roll as the 500 East Davie Street Property (Site). For clarity, the former addresses are used within this report to distinguish characteristics and historical operations conducted within each building. The subject site and associated buildings are currently unoccupied, but were utilized for a variety of commercial and community-based operations from about 1930 through 2005.

This site is located within a mixed commercial and residential neighborhood near, but not within, the Southeast Raleigh Historic District. The subject site is bounded by E. Davie Street to the north, the Rex Senior Health Center (512 E. Davie Street) to the east, a vacant lot and residential area along E. Cabarrus Street to the south, and the new Carlton Place residential condominium development that encompasses the entire city block to the west along S. East Street. The Carlton Place site was historically known as the Klyman Estate property and was used for a variety of commercial operations, including auto repair, welding shops, gasoline service stations, auto sales, and dry cleaning. A site location map is included as Figure 1 while a site map illustrating potential sources of on- and off-site contamination is included as Figure 2.

Structural improvements at the site consist of three one-story rectangular brick buildings with adjoining walls and structural steel roofing. The building formerly addressed as 500 E. Davie Street is located at the western extent of the property, and is accessed by a standard door along E. Davie Street. The building formerly addressed as 502-504 E. Davie Street is located adjacent to the former 500 E. Davie Street building, and is accessed by two standard doors along E. Davie Street, one of which was retrofitted into a former roll-up door. The building formerly addressed as 510 E. Davie Street is the largest of the three buildings and is located at the eastern extent of the property. The 510 E. Davie Street building is accessed by one standard door and two roll-up doors. A fenced, rectangular, grassy rear yard is accessed from a driveway along S. East Street.

1.2 Recognized and Potential Environmental Conditions

H&H conducted a Phase I Environmental Site Assessment (ESA) on the site on behalf of the City of Raleigh, and released a report outlining the findings of the Phase I investigation entitled *Phase I ESA, Commercial Buildings, 500 E. Davie Street* on May 22, 2006. Based upon historical information obtained and reviewed as part of H&H's Phase I ESA, three recognized environmental conditions (RECs) and four potential environmental concerns (PECs) were identified at or in the vicinity of the subject site. The PECs and RECs are summarized below.

Recognized Environmental Conditions:

- Potential release of gasoline and other petroleum hydrocarbons to subsurface soils and ground water from automotive maintenance historically conducted at the property.
- Potential release of volatile organic compounds to the subsurface from solvents utilized in former on-site dry cleaning operations.
- Off-site sources of petroleum hydrocarbon contamination in ground water as indicated by the detections of methyl-tertiary butyl ether (MTBE) at concentrations up to 61 ug/L identified in a former on-site well during subsurface investigation(s) conducted at the neighboring former Klyman Estate property (located approximately 70 feet to the west of the site across S. East Street).

Potential Environmental Conditions:

- Off-site sources of chlorinated solvents from historical dry cleaning operations at the former Klyman property to the west of the site potentially affecting on-site ground water.
- Potential for the migration of ground water contaminants from on-site or off-site sources to impact the subsurface boiler room via vapor intrusion and flooding.
- Potential release of polynuclear aromatic hydrocarbons (PAHs) to the surface and subsurface soils from historic use of coal as a fuel at the site.
- Potential release to the subsurface in the rear yard as a result of possible waste disposal practices as evidenced by a dark, circular patch observed on aerial photography of the site conducted during 2004.

2.0 Assessment Activities

2.1 General Field Practices

Field activities were conducted in accordance with the protocol presented in the October 2006 QAPP prepared for this site, except as noted otherwise in this SAR. The subsurface investigation and sample collection tasks were completed during the period of September 28, 2006 to December 05, 2006. Ground water sampling and a water level survey were performed on December 13, 2006. An additional water level survey was performed on January 19, 2007. Generally, field activities consisted of the following:

1. Conducting subsurface utility survey, including ground penetrating radar (GPR), and permitting activities;
2. Advancing 14 soil borings (SB-1, 2, 3, 5, 6, 7, 8, 9 and 10, MW-1, 2, 3, 4 and 5) on the property using a direct push technology (DPT) rig;
3. Advancing three soil borings (Sump-2, Sump-3 and Coal Bin) on the property using an 3.25" diameter stainless steel hand auger;
4. Collecting 14 soil samples, 2 sediment samples, and one sample of material from the coal bin for laboratory analysis from the sampling locations;
5. Installing three permanent monitoring wells (MW-2, 3 and 5) using a direct push technology (DPT) rig equipped with hollow stem augers; and
6. Collecting three ground water samples and associated data quality assurance samples for laboratory analysis from the monitoring wells.
7. Surveying of the locations and elevations of sample points and monitoring wells.

2.2 Subsurface Utility Survey & Permitting Activities

Preliminary field activities were conducted by H&H at the site on September 29, 2006 and included oversight of the subsurface utility and GPR survey, and marking of boring locations. The GPR survey and subsurface utility sweep was conducted across the site by Taylor Wiseman & Taylor of Cary, North Carolina. An anomaly was identified by the GPR survey consistent with the suspected location of an historic underground storage tank (UST) identified during the Phase

I ESA review at the northeastern corner of the 500 E. Davie Street parcel beneath the existing concrete sidewalk. The suspected UST location is shown on Figure 2 and a sketch prepared by Taylor Wiseman & Taylor noting the location of this anomaly is provided in Appendix A.

Attempts were also made by H&H and Taylor Wiseman & Taylor to locate a former on-site well (KMW-5) installed at the subject site during the off-site Klyman investigation in the mid-1990s. The well was not located at the property either by visual inspection or by the private utility service. City personnel contacted about the well did not know whether the previous owner may have closed the well.

H&H prepared documentation required to obtain a City of Raleigh Encroachment permit to install ground water monitoring wells within the City right-of-way. The encroachment permit was approved at the November 21, 2006 City Council meeting.

H&H contacted North Carolina One Call to mark subsurface utilities in the area prior to the start of drilling activities on December 4, 2006. H&H also contacted the City of Raleigh Public Utilities Department to mark and provide information regarding the locations of City-owned utilities near the site.

2.3 Soil Sampling

In order to assess potential impacts due to historic site use, soil borings SB-1, 2, 3, 5, 6, 7, 8, 9 and 10, as well as MW-1, 2, 3, 4 and 5 were advanced to depths ranging from 3 ft (MW-1) to 30 ft (MW-5) below ground surface (bgs) across the site utilizing a Geoprobe 66DT direct push technology (DPT) rig (Figure 3). Soil boring SB-4 as identified in the QAPP (H&H, October 17, 2006) was to be advanced through the base of the subsurface Boiler Room, if accessible. SB-4 was not advanced as the Boiler Room was found to be filled with approximately two feet of standing water. Upon further inspection of the sumps, it was determined that the soil borings would be drilled to the side of the sumps so as not to interfere with the integrity of the sump base and that two additional sediment samples, not included in the QAPP, would be collected from each of the sumps (Sump-2 and Sump-3) as separate media samples. The sediment samples and

the sample collected from inside the Coal Bin, were collected utilizing a 3.25" diameter stainless steel hand auger.

Samples Sump-2 and Sump-3 were collected from the sediment that had collected in the two interior sumps at a total depth of two ft below grade in each sump. Refusal with the hand auger at a total depth of two ft indicated the sumps are likely to be concrete lined. The sediment in Sump 2 consisted of black, medium sand with metal and glass debris. The sediment in Sump 3 consisted of black medium silty sand with no discernable debris. The sediment at the base of Sump 3 was wet. The Coal Bin hand auger sample was advanced to the base of the coal storage bin located at the rear of the building, extending through the accumulated material in the coal bin to approximately six ft bgs on the site. The material in the coal bin was coal and coal dust. The base of the coal bin was hard and is presumed to be a concrete-lined structure below grade.

The DPT and hand auger borings described above were advanced at the site on December 4 and 5, 2006. At each DPT sampling location, a continuous core of subsurface soils was collected via the DPT coring device, and was screened in the field with an organic vapor analyzer (OVA) to evaluate the potential for volatile organic compound (VOC) contamination in site soils. The boring locations are shown on Figure 2. DPT boring logs and monitoring well logs are presented in Appendix B.

Following collection, soil samples were described for lithologic purposes (i.e., color, soil type, moisture content), inspected for the presence of staining, and field screened for the presence of organic vapors with a Foxboro TVA-1000 flame ionization detector (FID) and photoionization detector (PID). Prior to use of the TVA-1000 in the field, the unit was calibrated in accordance with the manufacturer's suggested practices for unit calibration. Soil samples were collected for laboratory analysis in accordance with the sampling protocol presented in the QAPP. As stated in the QAPP, soil samples were submitted for laboratory chemical analysis from one depth interval within each boring and field screening results. Soil samples exhibiting the highest potential impact based on field screening results were submitted for chemical analysis.

Each of the soil samples was assigned a unique name which included the sample location and depth. Seventeen (17) soil samples were submitted for laboratory analysis, including one duplicate sample. The duplicate sample was collected from boring MW-2 (later converted to a monitoring well) at a depth of 9-10 ft bgs. Each soil sample for chemical analysis was collected from a depth interval above the ground water level within each boring that exhibited the highest reading with the combined FID/PID. No soil sample was retained from boring MW-1, as two attempts at this boring were refused at depths of 2.5 and 3 ft. bgs, respectively. A summary of the soil samples submitted for chemical analysis is provided on Table 1.

All soil samples, with the exception of sample "Coal Bin" were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B, utilizing EPA Method 5035 field preparation, and semi-volatile organic compounds (SVOCs) by EPA Method 8270C. Samples obtained from borings SB-1, 5, 6, 7, 8, 9, and 10, and MW-2, 3 and 5 were also analyzed by EPA Method 6010B for total chromium and lead. According to the QAPP, soil samples obtained from borings SB-2 and SB-3 were analyzed by US EPA Method 6010B for RCRA metals including arsenic, barium, cadmium, chromium, lead, selenium, silver, and mercury by US EPA Method 7471A. Sediment samples collected from within Sump 2 and Sump 3 were also analyzed by the RCRA metals suite for comparison to the soil samples collected adjacent to the sump and to aid in an analysis of disposal options for the sediment upon removal from the site.

Sample "Coal Bin", obtained from the base of the coal storage bin at the rear of the site, was submitted for chemical analysis of polynuclear aromatic hydrocarbons (PAHs) by US EPA Method 8270C.

Dedicated laboratory-supplied sample bottles were used for sample collection. A chain-of-custody record was completed for all samples collected and included the sample description, date collected, time collected, matrix, sample container information, and requested analyses. The chain-of-custody was signed by H&H sampling personnel prior to placement in an iced cooler for delivery to the analytical laboratory. Samples retained as a part of this investigation were packed on ice and shipped to the laboratory via same day or overnight courier service. Soil samples

obtained from the site on December 4 and 5, 2006 were relinquished to Federal Express (FedEx) on December 5, 2006 for priority overnight delivery to Prism Laboratories in Charlotte, NC. Analytical results for soil samples are summarized on Table 3.

After soil sampling was completed, each of the DPT bore holes, except MW-2, MW-3 and MW-5, were backfilled with soil and bentonite to surface grade. At boring locations that penetrated concrete, neat cement was applied at the top of the boreholes to closely match the existing surface. Boring and monitoring well logs are provided in Appendix B.

Laboratory analyses were conducted by Prism Laboratories, Inc., a North Carolina-certified and Women Business Enterprise (WBE) analytical laboratory located in Charlotte, NC. Analyses of samples submitted to Prism were performed in accordance with the US EPA publication SW-846 (*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.)*

Investigation-derived waste generated during the sampling of soils at the site was contained in a 55-gallon UN1A steel drum that was temporarily stored within the former 510 E. Davie Street building. A label indicating that the drum was "on hold pending analysis" was affixed to the exterior of the drum and the contents of the drum "investigative derived waste – soils" was annotated along with the generation date(s) on the label.

2.4 Monitoring Well Installation and Sampling

To assess the shallow ground water at the site, a total of three (3) permanent ground water monitoring wells were installed at locations across the site. As specified in the QAPP, two additional ground water monitoring wells (MW-1 and MW-4) were planned for the site; however, attempts were abandoned after hitting refusal with the DPT rig before reaching ground water. Two separate attempts were made to install a well on the presumed down-gradient side of the suspected UST located on the north side of the building (MW-1); however, each of these attempts hit refusal at 2.5 and 3 ft. bgs, respectively. Soil boring SB-1 advanced on the up gradient side of the suspected UST hit refusal at a depth of 16.5 ft bgs without encountering

ground water. Due to restrictions imposed by the proximity to subsurface utilities at the proposed location of MW-1, attempts to install this well were abandoned. While efforts at installing a monitoring well within the soil boring MW-4 were attempted, the DPT operator hit refusal at approximately 16.5 ft bgs without encountering ground water. Therefore, a monitoring well was not installed at this location.

Monitoring wells MW-2, 3 and 5 were installed on December 5, 2006 through borings created with the DPT rig. Total depths of the wells ranged from 20 ft bgs (MW-2) to 28.5 ft bgs (MW-5). Each well was constructed with 2-inch diameter Schedule 40 PVC slotted screen and 2-inch diameter Schedule 40 PVC riser. The screened section of each well was installed to intersect the ground water table. A clean washed #2 ("torpedo sand") sand pack was placed around the annulus of the screened section of the well, and extended to approximately two ft above the screen. A bentonite clay seal was introduced into the annulus above the sand pack, and extends to a minimum of one foot above the sand pack. The remaining portion of the borehole was filled to surface grade with Portland cement.

Each well was completed at surface grade with a locking well cap and was surrounded by an 8-inch diameter steel manhole set in cement with a bolt-down cover. Table 2 summarizes the monitoring well construction details. Driller well construction records are provided in Appendix C.

H&H personnel retuned to the site on December 13, 2006 to develop and sample the newly installed wells. Prior to the development, purging and sampling of the wells, the water level and depth to bottom within each well was gauged using an electronic water level indicator. The water level and depth to bottom were measured from the top of casing of each well (Table 2). Water levels within the on-site wells on December 13, 2006 ranged from 14.96 ft beneath the top of casing (btoc) in MW-3 to 20.98 ft btoc in MW-5, and on January 19, 2006 water levels ranged from 15.63 ft btoc in MW-2 to 21.08 ft btoc in MW-5. In addition to the on-site wells, the water level was surveyed in an existing off-site well KMW-6 for additional control.

Well KMW-6 is located immediately south of the rear driveway to the site and was installed during a previous investigation of the former Klyman property, and is now located on City of Raleigh property and is under City of Raleigh control. According to the Well Construction Record for off-site monitoring well KMW-6, this well was installed on March 11, 1994 and is 20 feet deep with 2-inch diameter Schedule 40 PVC well screen from 10 to 20 feet bgs, and a silica sand well pack from 8 to 20 feet bgs, and therefore, intersects the shallow water table.

Development, purging and sampling of the wells were accomplished though the use of disposable bailers, and it was noted by H&H personnel that the wells were slow to recharge during these activities. The initial plan for purging and sampling the wells included the removal of no less than three (3) well volumes of water, based on the total head available within each well, while monitoring the temperature, pH and conductivity readings of the water extracted from the wells. Upon the extraction of three volumes of water, or stabilized monitored parameters, the well was to be sampled. However, due to the relatively low yields of water from the wells, each well was fully evacuated prior to a yield of three well volumes. Therefore, after evacuation, each well was sampled immediately after a suitable amount of water was available to sample. Sample volume was therefore limited and limited the QA analyses as described in Section 3.1.

Monitoring of temperature, pH, conductivity was conducted during well purging and prior to the sampling of each well. Dissolved oxygen (DO) measurements were obtained prior to well purging. DO measurements were obtained down-hole (within the water column) utilizing a YSI Model 85 DO meter. This meter was powered on and calibrated in accordance with manufacturers' specifications prior to use. These measurements were obtained utilizing a Hanna HI 991300 meter, calibrated in the field prior to use. Field measurements of geochemical parameters are presented in Table 4. One anomalous low pH reading of 5.35 was obtained during the monitoring of well MW-5.

Investigation-derived waste development and purge water generated during the sampling of the wells was contained in a 55-gallon UN1A steel drum and was temporarily stored within the fenced area on the site, adjacent to the location of well MW-5. A label indicating that the drum

was "on hold pending analysis" was affixed to the exterior of the drum and the contents of the drum "investigative derived waste – development and purge water" was annotated along with the generation date on the label.

Subsequent to the purge and adequate recharge, the ground water within each well was sampled with a disposable polyethylene bailer. Ground water samples collected from the wells were collected in dedicated laboratory grade sample containers provided by Prism. Samples obtained from wells MW-2, MW-3 and MW-5 were submitted for analysis of VOCs by Standard Method 6210D, SVOCs by EPA Method 625 (base-neutral-acid extractables or BNA), with the ten largest non-target peaks identified, and chromium and lead by EPA Method 3030C. A standing water sample was also obtained from the subsurface Boiler Room and analyzed for the same test methods.

A duplicate (Duplicate MW-2), matrix spike (MS) and matrix spike duplicate (MSD) sample of ground water were also obtained from well MW-2. These samples were submitted for analysis of VOCs by SM 6210D. The duplicate ground water sample was also submitted for analysis of chromium and lead by EPA Method 3030C. Adequate water was not available to submit duplicate, MS and MSD samples for SVOC analysis by EPA Method 625, nor was there adequate water available to submit MS and MSD samples for chromium and lead analysis by EPA Method 3030C.

Laboratory analyses on the ground water samples were conducted by Prism Laboratories. A chain-of-custody record was completed for all samples collected and included the sample description, date and time collected, matrix, sample container information, and requested analyses. The chain-of-custody record was signed by H&H sampling personnel prior to placement in an iced cooler for delivery to the analytical laboratory. Ground water samples obtained on December 13, 2006 were properly packed on ice and relinquished to Prism's sample courier service on December 14, 2006 for delivery to the laboratory. Analytical results for ground water samples are summarized on Table 4.

The locations and elevations of the three newly installed monitoring wells, existing well KMW-6, 11 soil borings, and the top edge of the two sumps were surveyed by Triangle Aerial Survey, Inc., a Minority Business Enterprise (MBE) land surveying firm from Raleigh, North Carolina on January 19, 2007. The surveyed location coordinates (northings and eastings) of the boring and monitoring well locations and the elevations of the top of the well casings are provided in Appendix D.

3.0 Results of Assessment

3.1 Data Review, Verification and Validation

In accordance with the October 2006 Site QAPP, the field and laboratory analytical data were subjected to review, verification, and validation to ensure that the quality and validity of the data were acceptable for the stated data quality objectives. The field data review was conducted based upon a review of the field log book and chain-of-custody records. Chemical analytical results for soil and ground water samples are presented on Table 3 and Table 4, respectively. The laboratory quality assurance data are provided with the laboratory analytical reports in Appendix E.

The following is a summary of the field data review, verification, and validation. A discussion of the verification and validation of the laboratory data is provided in Appendix E.

Field Data

Proposed locations of soil borings provided in Figure 2 of the Site QAPP (Hart & Hickman, October, 2006) were modified in the field based on the results of the GPR survey, subsurface utility survey, overhead utility clearance, and other access issues. The changes made to the locations are presented below.

- The location of MW-1 was moved approximately 5 ft south of the original proposed location to maintain clearance from a buried fiber optic cable and upon refusal at 2.5 ft. bgs, was repositioned an additional 3 ft west of the original proposed location. This attempt also encountered refusal at 3 ft bgs, and the attempt at installing a well at this location was terminated.
- SB-6 was moved to the south side of a subgrade pit due to access limitations within the building.
- SB-7 was repositioned approximately 60 ft south of the original proposed location to be downgradient of a disturbed area of concrete that had been covered with equipment and

was inaccessible during the Phase I Site Assessment and boring location activities conducted in September 2006.

- Renamed the sample SB-9 specified to be located in the Coal Bin in the QAPP to "Coal Bin"
- Added two sampling locations (SB-9 and SB-10) within the interior of the building. SB-9 is located inside the warehouse in a disturbed area in the concrete floor at the head of a subgrade piping run to Sump-2. SB-10 is located in a disturbed patch of concrete near the ramp at the rear of the facility.
- Soil samples from SB-2 and SB-9 were collected from a depth interval of 0-2 ft below the soil surface, which was shallower than anticipated in the QAPP. This was done on the basis of field screening results.
- Sediment samples from Sump 2 and Sump 3 were collected in addition to soil samples collected from SB-2 and SB-3 located immediately adjacent to each sump, respectively.

With regard to ground water, the following variances from the QAPP are noted:

- Two ground water monitoring wells (MW-1 and MW-4) were not installed at the planned locations as specified in the QAPP as ground water was not encountered in soils before hitting DPT refusal at approximately 3 ft bgs (MW-1) and 16 ft bgs (MW-4);
- Boring SB-1 was deepened from the original intended depth in an attempt to penetrate ground water and allow for the installation of a monitoring well at this location; however, the driller hit refusal at 16 ft bgs before encountering the ground water table.
- A ground water monitoring well reportedly installed in the rear yard of the subject site for the off-site Klyman investigation in 1994 (KMW-5) could not be located visually or by the private utility locating service. This well was therefore not sampled as specified in the QAPP. The City of Raleigh staff involved in that investigation were not aware of the fate of this well, but it is possible that it was abandoned by the previous owner prior to the City taking ownership of the property in 2005.

Field Procedures

- The field procedures for sampling, decontamination, calibration, etc. were followed in accordance with the QAPP procedures, with two exceptions:
    - A duplicate ground water sample was not submitted for analysis by EPA Method 625 (BNA, plus ten non-target peaks) due to a lack of sufficient ground water volume; however, the duplicate sample was obtained from MW-2 and analyzed for VOCs by SM 6210D and chromium and lead by EPA Method 3030C;
    - Due to the lack of sufficient ground water volume, matrix spike (MS) and matrix spike duplicate (MSD) samples were not submitted for analysis by EPA Method 625 (BNA, plus ten non-target peaks) or chromium and lead by EPA Method 3030C; the MS and MSD samples were submitted for VOCs analysis by SM 6210D only.
- The chain-of-custody records were properly completed, with the exception that the chain of custody record for the ground water samples indicates the samples were relinquished to Prism's courier on "12/13/06", while, in reality, the samples were relinquished on 12/14/06. This error was brought to the attention of Prism, who indicated that they would correct and initial the original chain of custody record in their possession.

The laboratory QA findings are also discussed in Appendix E. The results of the data review indicate that field and laboratory data meet QA objectives and are considered useable for their intended purpose by the laboratory and H&H.

3.2 Site Lithology

The site lithology described herein is based on characterization of continuous soil cores collected with the DPT rig. The total depths of borings ranged from approximately 2 ft to 30 ft bgs across the site. Logs of soil borings performed at the site indicate the presence of orange-brown and tan to white, interbedded silty sands, sandy clays, and clayey sands to the depths investigated. Screened intervals in the monitoring wells are noted as fine to medium silty sands in MW-2, interbedded fine sandy clay to fine silt and medium silty sands in MW-3, and interbedded sandy

silts to coarse silty sands in MW-5. Boring and well construction logs are provided in Appendix B.

DPT refusal varied across the site and ranged from approximately 2.5 ft bgs in the northeastern area of the subject site (MW-1) to 30 ft bgs at the location of monitoring well MW-5. The top of bedrock is presumed to be close to these DPT refusal depths across the site.

3.3 Soil Analytical Results

No soil staining was observed during sampling, but elevated FID/PID readings were noted in several borings as indicated on the boring logs. The maximum FID/PID readings were detected in soil borings SB-2 [220/40.3 parts per million (ppm)] and SB-9 (141/78.4 ppm), which were located adjacent to Sump 2 or the trench leading to Sump 2, respectively. The maximum FID/PID readings in the soils of SB-2 and SB-9 were noted in the 0-2 ft bgs sample range.

The soil sample with the highest FID/PID reading in each boring was sent for laboratory analysis. FID/PID readings are provided on the boring logs in Appendix B. The results of soil sample chemical analyses are summarized in Table 3 and are depicted graphically on Figure 3. The laboratory analytical data reports are provided in Appendix E.

The soil analytical data were compared to EPA Region IX Preliminary Remediation Goals (PRGs) 2004, DENR Inactive Hazardous Sites Soil Remediation Goals (SRGs) 2006 for unrestricted site uses, and NC Soil-to-Ground Water Maximum Soil Contaminant Concentrations (MSCCs). Screening level criteria are not established in the State of North Carolina or EPA Region IX for p-isopropyltoluene. Similarly, North Carolina does not specify SRGs for 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, or barium. MSCCs are also not specified for all compounds detected in these samples.

It is important to note that SRGs and PRGs are conservative screening levels and are not intended to be cleanup levels. Concentrations of chemical constituents below the screening

levels should not pose a concern, whereas concentrations of chemical constituents above the screening levels indicate that further evaluation may be warranted.

Metals concentrations in soil and sediment samples were also compared to available background literature values for North Carolina soils provided by NC DENR (August, 2006).

VOCs – EPA Method 8260B

Analytical data for soil samples analyzed by EPA Method 8260B indicated the presence of targeted VOCs at low levels in several samples submitted for testing. These samples include SB-2 (0-2'), SB-3 (2-4'), SB-5 (8-10'), SB-7 (2-4'), SB-8 (0-2'), SB-9 (0-2'), and sediment samples collected from within Sump-2 (2') and Sump-3 (2'). Compounds detected included 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, ethylbenzene, isopropylbenzene, methyl ethyl ketone (MEK), naphthalene, p-isopropyltoluene, toluene, and (total) xylenes. No VOC concentration detected in soil and sediment samples was in excess of its respective PRGs, SRGs, nor NC DENR Soil to Water Maximum Soil Contaminant Concentrations (MSCCs) (Table 3).

Acetone and MEK were also reported in several samples including SB-2 (0-2'), SB-3 (2-4'), SB-7 (2-4'), SB-8 (0-2'), SB-9 (0-2'), Sump-2 (2') and Sump-3 (2'). Reported concentrations of acetone ranged from 0.024 mg/kg to 1.7 mg/kg, and reported concentrations of MEK ranged from 0.069 mg/kg to 0.23 mg/kg. The maximum concentration of these constituents is far below their respective PRGs, SRGs, and MSCCs.

Acetone is known to be generated when certain soils interact with sodium bisulfate, which is utilized for sample preservation with this analytical method (STL Savannah Laboratories, March 7, 2000.) MEK is a ketone compound, which is chemically similar to acetone. For this reason, the presence of acetone and MEK in these samples is believed to be an artifact of sample preservation (Prism Laboratories, personal communication, October 25 and December 4, 2006). Therefore, H&H believes that these results represent false positive readings of these constituents at the subject site, and they are not discussed further in this report.

SVOCs – EPA Method 8270C

Analytical data for SVOC analysis by EPA Method 8270C revealed the presence of targeted compounds in three of the samples analyzed. These samples included SB-2 (0-2'), SB-8 (0-2') and SB-9 (0-2'). Compounds detected by the SVOC analysis included low concentrations of 2-methylnaphthalene, naphthalene, phenanthrene, pyrene, bis (2-ethylhexyl) phthalate, butyl benzyl phthalate, and di-n-butyl phthalate.

The concentration of 2-methylnaphthalene in soil sample SB-9 (0-2') was reported in excess of the SRG and MSCC for the compound. The concentration of naphthalene in sample SB-9 (0-2') exceeds the SRG, MSCC, and the residential PRG for this compound.

PAHs – EPA Method 8270C

Analytical data for PAH analysis in sample "Coal Bin" by EPA Method 8270C revealed the presence of targeted compounds, including 2-methylnaphthalene, naphthalene and phenanthrene at estimated concentrations of 0.25J mg/kg, 0.19J mg/kg and 0.20J mg/kg, respectively. The estimated concentration of 2-methylnaphthalene does not exceed the SRG or MSCC for this compound; there are no published EPA PRGs for this compound. The estimated concentration of naphthalene does not exceed any of the regulatory standards identified on Table 3. The estimated concentration of phenanthrene in this sample does not exceed its MSCC; there are no published PRGs or SRG for this compound.

Metals – EPA Method 6010B

Total chromium and lead analysis was conducted for most of the soil samples retained from the site. Four of the samples (SB-2, SB-3, Sump-2 and Sump-3) were analyzed for the RCRA 8 metals list. Total chromium and lead were detected in each of the soil and sediment samples submitted for chemical analysis.

Background Metals Data

Hart & Hickman compared the metals data in soil samples against a number of criteria. One criterion was a list of literature values compiled by NC DENR (August 2006) of background

concentrations of metals in North Carolina soils for various metals. These are reported on Table 3 and include arsenic ranging from 1.6 to 180 mg/kg, barium ranging from 4.1 to 420 mg/kg, and cadmium ranging from 0.54 to 5.8 mg/kg, total chromium ranging from 2 to 150 mg/kg, and lead ranging from 7.2 to 50 mg/kg.

Chromium

Total chromium concentrations ranged from 0.9 mg/kg (MW-2, 9-10') to 72 mg/kg (SB-10, 6-8') in soil samples and from 78 mg/kg (Sump-2, 2') to 110 mg/kg (Sump-3, 2') in sediment samples. Concentrations of total chromium in the samples collected from SB-2, SB-10, Sump 2, and Sump 3 exceeded the MSCC for total chromium of 27 mg/kg, although none of these concentrations exceeded the residential or industrial PRGs, nor the SRG for total chromium. Further the range in concentration in total chromium identified in the soil samples falls within the range of natural background concentrations as identified by NC DENR for North Carolina soils as noted on Table 3.

Lead

Lead concentrations ranged from 5.6 mg/kg (MW-2, 9-10') to 61 mg/kg in (SB-3, 2-4') in soil samples and from 810 mg/kg (Sump-2, 2') to 3,000 mg/kg (Sump-3, 2') in sediment samples. The lead concentrations in the remaining samples generally fell within the range of natural background concentrations as identified by NC DENR for North Carolina soils. The only exception was the lead concentration in the soil sample SB-2 at 61 mg/kg, which exceeds DENR's metal background concentration for lead, but does not exceed any of the regulatory screening levels.

Concentrations of lead detected in sediment samples (Sump 2 and Sump 3) exceeded the residential and industrial PRGs for lead, SRG, and MSCC for lead. The concentrations of lead in the sump sediment samples (810 mg/kg in Sump-2 and 3,000 mg/kg in Sump 3) are elevated to an extent that these sediments may fail the Toxic Characteristic Leaching Procedure (TCLP) threshold criteria for lead of 5 milligrams per liter (mg/L) based on a 20:1 dilution. These concentrations are in excess of the "Contained-out" levels for soil in the DENR Hazardous Waste

Section *Contained-In Policy* (May 2005). Consequently, these sediments will need to be tested by TCLP methods and potentially handled as a hazardous waste upon removal from the site.

Arsenic, barium, cadmium, selenium, silver, and mercury were analyzed for in four samples (SB-2, SB-3, Sump-2, and Sump-3). Arsenic, barium, cadmium and mercury were detected in each of the samples and are also summarized on Table 3.

Arsenic

Concentrations of arsenic ranged from 1.5 J mg/kg in SB-2 to 29 mg/kg in Sump-3. Concentrations of arsenic in all samples analyzed for this compound were reported in excess of the residential PRG of 0.39 mg/kg. Concentrations of arsenic in sediment samples from the two sumps exceeded all regulatory threshold screening levels as presented on Table 3. Concentrations of arsenic in the sample from SB-3 also exceeded the industrial PRG for arsenic. However, concentrations of arsenic in soil samples fall within the range of concentration for natural background soil concentrations of arsenic reported by NC DENR for North Carolina soils.

Barium

Concentrations of barium ranged from 68 mg/kg in SB-3 to 390 mg/kg in Sump-2. Concentrations of barium in soil and sediment samples analyzed for the compound were reported at levels beneath the applicable regulatory screening levels and were within the range of background concentrations reported for this compound by NC DENR for North Carolina soils.

Cadmium

Concentrations of cadmium ranged from an estimated value of 0.15 mg/kg in SB-2 to 27 mg/kg in Sump-3. Cadmium concentrations in the soil samples (SB-2 and SB-3) were below all regulatory screening levels as noted on Table 3. Concentrations of cadmium in the sediment samples were reported at concentrations in excess of the SRG, although these concentrations were below the EPA Region 9 residential and industrial PRGs. The cadmium concentrations in the sediment also exceed the levels for disposal in a municipal solid waste landfill in North

Carolina according to the "Contained Out" Levels for Soil established by the NC DENR Hazardous Waste Section *Contained-In Policy* (May 2005)

Mercury

The mercury concentrations reported in soil samples collected from SB-2 and SB-3 do not exceed the regulatory criteria in Table 3 and are consistent with the background concentrations reported by NC DENR in North Carolina soils. Concentrations of mercury ranged from 0.086 mg/kg in SB-2 to 9.5 mg/kg in Sump-2. The concentration of mercury reported in Sump-2 exceeds its SRG and the "Contained-Out" Level for disposal in a municipal solid waste landfill according to NC DENR's Hazardous Waste Section, but does not exceed the EPA Region 9 residential or industrial PRGs. The concentration of mercury in Sump-3 exceeds the background range in North Carolina soil reported by NC DENR, but does not exceed the regulatory screening levels in Table 3.

Selenium

Selenium was not reported in the two soil or two sediment samples submitted for the RCRA 8 metals analysis at reporting limits ranging from 1.7 mg/kg to 2.5 mg/kg.

Silver

Silver was not reported in the two soil or two sediment samples submitted for the RCRA 8 metals analysis at reporting limits ranging from 0.84 mg/kg to 1.2 mg/kg.

3.4 Ground Water Analytical Results

The results of the ground water analyses are summarized in Table 4. Reported concentrations of organic compounds and metals in ground water are depicted graphically on Figure 4. Laboratory data reports are provided in Appendix E.

Ground water results were compared to North Carolina Inactive Hazardous Sites Remediation Goals for ground water (includes 2L Standards and EPA MCLs). These published values are generally based on minimizing risk associated with direct ingestion of ground water, and

therefore are more stringent. We also compared these constituents to North Carolina Gross Contaminant Levels (GCLs) for ground water.

Free product was not observed in any of the ground water monitoring wells during monitoring events in December 2006 or January 2007.

VOCs -Standard Method 6210D

Analytical data for ground water samples analyzed by SM 6210D indicated the presence of targeted VOCs in the sample obtained from MW-2 only. Data for samples obtained from wells MW-3 and MW-5, and the standing water sample collected from the subsurface Boiler Room did not reveal the presence of targeted compounds at levels exceeding the method reporting limits.

Data for sample MW-2 and the duplicate sample collected from this well indicated the presence of low concentrations of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, n-butyl benzene, n-propyl benzene, p-isopropyl toluene, sec-butyl benzene, and tert-butyl benzene. The concentrations reported in the primary and duplicate sample were in good agreement. None of the compounds detected in the sample(s) were reported at levels in excess of NC 2L or GCL standards for ground water. There are no federal MCLs specified for these compounds.

SVOCs – EPA Method 625

Analytical data for EPA Method 625 analysis did not indicate the presence of targeted SVOCs in any of the ground water samples submitted for analysis. The laboratory reported one unknown compound that was tentatively identified (in the ten largest peaks library search) to be present at a level of 22 ug/L in sample MW-3.

Metals (Chromium and Lead) – EPA Method 6010B (EPA-3030C Preparation)

Total chromium and lead were detected in each of the ground water samples submitted for analysis by EPA Method 6010B. Concentrations of total chromium in these samples ranged from an estimated concentration of 1.4J ug/L in MW-3 to 49 ug/L in MW-2, which is just below the NC 2L standard of 50 ug/L for total chromium. The concentration of chromium reported in

the duplicate sample was 81 ug/L, which is elevated over the NC 2L standard, but not over the NC GCL standard.

Concentrations of lead in these samples ranged from an estimated concentration of 1.2J ug/L in MW-3 to 170 ug/L in MW-2 (duplicate). The concentration of lead reported in the standing water sample collected from the Boiler Room was 25 ug/L. These reported concentrations of lead in samples MW-2 including the duplicate and the Boiler Room sample were in excess of NC 2L and federal MCL standards.

It is important to note that the ground water samples were not filtered in the field so that the metals concentrations in these samples may include a contribution from colloidal particles suspended in the sample in addition to that dissolved in the samples.

3.5 Ground Water Elevation Data

Measurements of depth-to-ground water within the wells installed on the site were obtained on December 13, 2006 and January 19, 2007. Depth-to-ground water within the wells ranged from 14.68 ft beneath top of casing (btoc) in MW-3 to 21.08 btoc in MW-5. These ground water levels correspond to elevations ranging from 277.11 ft to 280.27 ft above mean sea level (MSL). These data are presented in Table 2.

A ground water elevation contour map generated from the water level data collected on January 19, 2007 is provided on Figure 5. Ground water elevations obtained from the wells located on the site infer a shallow ground water flow direction of south-southeast. This is consistent with topographic elevations of the area.

3.6 Brownfields Area Reconnaissance and Receptor Guidance

Based on the nature of contaminants encountered in the subsurface materials at the 500 E. Davie Street site, an application to the NC Brownfields Program is not anticipated. Therefore, a NC Brownfields Area Reconnaissance and Receptor Guidance form has not been completed for this report.

Available information indicates the following with regard to potential receptors at the site and in the site vicinity:

- Multiple subsurface utilities run adjacent to site property boundaries
- There are no water bodies located at the site
- The head of a small surface water drainage is located about 400 ft south of the site near the intersection of Lenoir and S. East Street
- Ground water in the site vicinity is not used for public water supply as the local water supply is provided by the City of Raleigh
- Several ground water monitoring wells are located on the property as a result of H&H's December 2006 assessment
- At least one well installed for a previous investigation is located on the parcel immediately south of the subject site (KMW-6) and is also the property of the City of Raleigh.

Based on this information, it does not appear likely that site contaminants detected in ground water pose a threat to receptors in the area.

4.0 Key Findings and Conclusions

Key findings of the Brownfield Phase II site assessment activities at the subject site are summarized below.

- Sediment in on-site sumps (Sump 2 and Sump 3) is contaminated with elevated and potentially hazardous levels of metals, including lead (810 mg/kg in Sump-2 and 3,000 mg/kg in Sump 3), cadmium (22 mg/kg in Sump 2 and 27 mg/kg in Sump 3), mercury (9.5 mg/kg in Sump 2), and potentially arsenic (18 mg/kg in Sump 2 and 29 mg/kg in Sump 3). Consequently, these sediments will need to be tested by TCLP methods and potentially handled as a hazardous waste upon removal from the site.
- Shallow soil in the vicinity of the two sumps and the pipe run connecting Sump-2 and SB-9 may be contaminated with petroleum hydrocarbons and metals (2-methylnaphthalene at 28 mg/kg and naphthalene at 60 mg/kg in SB-9, and chromium at 48 mg/kg in SB-2) in excess of screening levels.
- A historic UST identified during a Sanborn map review may still be in place at the northeastern corner of the property, but is located in an area intersected by multiple subsurface utilities, including a fiber optic cable.
- Ground water contamination at the site appears limited to the presence of low level VOCs and lead concentrations in MW-2, and does not include detections of methyl-tert butyl ether (MTBE) that was reported on the site during the Klyman investigation in 1994.
- The presence of chlorinated solvents from former dry cleaning operations or migration of off-site sources has not been identified at the site.
- Standing water in the subgrade Boiler Room does not appear to be contaminated with VOCs and SVOCs, although lead is in excess of 2L standards in the one water sample collected from this flooded subsurface interior area.
- Coal bin materials do not reflect high PAH concentrations.

Conclusions

Based on the Brownfield Phase II site assessment findings, the following conclusions should be considered when assessing site risk and evaluating redevelopment plans:

- Assuming the historic UST is still present at the site under the sidewalk, the UST should be evaluated for proper closure-in-place due to the proximity of subsurface utilities, including a fiber optic cable, throughout the immediate area. Should site utilities be relocated during site redevelopment, the UST could then be closed by removal.
- Sump sediments should be removed, and handled and disposed of properly. TCLP analysis of the sediment samples should be performed prior to removal. The base of the sumps should be inspected and if found to be compromised, additional soil sampling and analysis directly beneath the sumps may be warranted.
- Soil removal and proper disposal from localized areas of petroleum hydrocarbon and metal contamination associated with pipe runs (as suggested by data collected from locations SB-2, SB-9, and SB-10) in the building and other areas of disturbed concrete may be necessary if the concrete slab is removed during site redevelopment.
- Chemical constituents in shallow ground water are limited to low concentrations in well MW-2 and do not exceed applicable regulatory screening levels. Therefore, they do not appear to pose a risk to receptors in the area, nor are they anticipated to pose a risk to site occupants or workers during redevelopment.

5.0 References

Hart & Hickman, PC, October 17, 2006, *Quality Assurance Project Plan*, 500 East Davie Street Site, Raleigh, NC

Hart & Hickman, PC, May 26, 2006, *Phase I Environmental Site Assessment Report*, 500 East Davie Street Site, Raleigh, NC

NC DENR, August 2006, Background Soil Metals Data

NC DENR, Hazardous Waste Section, "Contained-In" Policy for Soil Contaminated with Listed Hazardous Waste, May 20, 2005.

STL Savannah Laboratories, Internal Memorandum, *Acetone Appearance in Soils*, March 7, 2000.

Table 1
Sample Summary
Brownfield Phase II Site Assessment
500 E. Davie Street
Raleigh, North Carolina
H&H Job No. RAL-001

Boring Location & Depth Interval	Sample Objective	Lab Documentation	ANALYSES				
			VOCs EPA 8260B	SVOCs EPA 8270C	PAH's EPA 8270C	Cr/Pb EPA 6010B	RCRA Metals EPA 6010B / 7471A
Soil Samples:							
SB-1 (7-8')	Historic UST Location	Level II	1	1	0	1	0
SB-2 (0-2')	Adjacent to Former Sump	Level II	1	1	0	0	1
SB-3 (2-4')	Adjacent to Former Sump	Level II	1	1	0	0	1
SB-5 (8-10')	Former Oil Storage	Level II	1	1	0	1	0
SB-6 (4-6')	Former AST/Auto Repair	Level II	1	1	0	1	0
SB-7 (2-4')	Former Dry Cleaners	Level II	1	1	0	1	0
SB-8 (0-2')	Adjacent to Coal Storage	Level II	1	1	0	1	0
SB-9 (0-2')	Adjacent to Pipe Trench	Level II	1	1	0	1	0
SB-10 (6-8')	Disturbed Concrete	Level II	1	1	0	1	0
Sump-2	Sump Sediment	Level II	1	1	0	0	1
Sump-3	Sump Sediment	Level II	1	1	0	0	1
MW-2 (9-10')	Soil Monitoring Wellbore	Level II	1	1	0	1	0
Duplicate	Data Quality Assurance	Level II	1	1	0	1	0
MW-3 (8-10')	Soil Monitoring Wellbore	Level II	1	1	0	1	0
MW-4 (6-8')	Soil Monitoring Wellbore	Level II	1	1	0	1	0
MW-5 (8-10')	Soil Monitoring Wellbore	Level II	1	1	0	1	0
Coal Bin	Analysis of contents	Level II	0	0	1	0	0
		TOTALS:	16	16	1	12	4

Water Samples	Sample Objective	Lab Documentation	ANALYSES				
			VOCs SM 6210B	SVOCs EPA 625	PAH's EPA 8270C	Cr/Pb EPA 6010B	RCRA Metals EPA 6010B / 7471A
MW-2	Downgradient Historic UST	Level II	1	1	0	1	0
MW-3	Adjacent Former Dry Cleaner	Level II	1	1	0	1	0
MW-5	Downgradient Perimeter	Level II	1	1	0	1	0
Boiler Room	Standing Water	Level II	1	1	0	1	0
Trip Blank	Data Quality Assurance	Level II	1	0	0	0	0
Duplicate	Data Quality Assurance	Level II	1	0	0	1	0
MS/MSD	Data Quality Assurance	Level II	1	0	0	0	0
		TOTALS:	7	4	0	5	0

Notes:
1. VOCs - Volatile Organic Compounds; SVOCs - Semi-Volatile Organic Compounds; Cr - total chromium; Pb - Lead; PAHs - Polynuclear Aromatic Hydrocarbons.
2. Soil samples collected on December 4, 2006 and December 5, 2006; ground water samples collected on December 13, 2006.

Table 2
Monitoring Well Data Summary
Brownfield Phase II Site Assessment
500 E. Davie Street
Raleigh, North Carolina
H&H Job No. RAL-001

							December 13, 2006		January 19, 2006	
Well ID	TOC Elevation (ft amsl)	Date Installed	Lithology	Total Depth (ft)	Screen Length (ft)	Effective Screened Interval (ft)	Depth to Water from TOC (ft)	GW Elevation (ft amsl)	Depth to Water from TOC (ft)	GW Elevation (ft amsl)
MW-1[2]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	295.9	12/05/06	Silty Sand	20	10	8-20	15.89	280.01	15.63	280.27
MW-3	293.61	12/05/06	Interbedded Silt & Sand	20	10	8-20	14.96	278.65	14.68	278.93
MW-4[2]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	298.19	12/05/06	Interbedded Silt & Sand	28.5	20	6.5-28.5	20.98	277.21	21.08	277.11
KMW-6	291.66	Unknown	Interbedded Silt & Sand	20	10	20-Aug	NM	NM	14.22	277.44

Notes:
1. TOC = Top of Casing; GW = Ground Water; ft amsl - feet above mean sea level
2. NA - Attempts to install MW-1 & MW-4 were made in the proposed areas but met refusal prior to encountering ground water at depths of 2.5 and 3 ft bgs (MW-1) and 16.5 ft bgs (MW-4).
3. Triangle Aerial Surveys, Inc. February 2007; TOC measured at west edge of perimeter of each well plug at top of well casing.
4. Monitoring well KMW-6 is an existing well associated with an off-site release, and was not installed as a part of Hart & Hickman's December 2006 500 E. Davie Street Phase II investigation. An available Well Construction Record indicates the well intersects the shallow water table and is 20 feet deep.

Table 3
Summary of Soil and Sediment Analytical Results
Brownfield Phase II Site Assessment
500 E. Davie Street
Raleigh, North Carolina
H&H Job No. RAL-001

Boring Location												Screening Levels				
Sample ID	SB-1 (7-8')	SB-2 (0-2')	SB-3 (2-4')	SB-5 (8-10')	SB-6 (4-6')	SB-7 (2-4')	SB-8 (0-2')	SB-9 (0-2')	SB-10 (6-8')	Sump-2 [1]	Sump-3	EPA Region 9 Residential PRG [2] mg/kg	EPA Region 9 Industrial PRG [3] mg/kg	NCDENR SRG [3] mg/kg	NC DENR Soil to GW MSCCs [4] mg/kg	NC DENR Background NC Soils - Range [5] mg/kg
Sample Depth (ft)	7-8'	0-2'	2-4'	8-10'	4-6'	2-4'	0-2'	0-2'	6-8'	2'	2'					
Lithology	Silty Sand	Silt w/Mica	Sandy Clay	Sandy Clay/Sand	Sandy Clay	Sandy Clay	Sandy Clay	Clayey Sand	Sandy Clay	Sediment	Sediment					
Date Collected	12/5/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/4/2006	12/5/2006	12/4/2006	12/5/2006	12/4/2006	12/4/2006					
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg					
Laboratory Parameters																
VOCs 8260B																
1,2,4-Trimethylbenzene	<0.011	2.5	<0.010	<0.011	<0.012	<0.0084	<0.0093	<0.011	<0.011	<0.020	<0.02	52	170	NS	7.5	-----
1,3,5-Trimethylbenzene	<0.011	0.98	<0.010	<0.011	<0.012	<0.0084	<0.0093	<0.011	<0.011	<0.020	<0.02	21	70	NS	7.5	-----
Acetone	<0.022	0.028	0.024	<0.022	<0.024	0.052	0.18	0.051	<0.022	**0.36**	1.7 E	14,000	54,000	2,800	2.8	-----
Ethylbenzene	<0.0054	0.26	<0.0052	<0.0055	<0.006	<0.0042	<0.0047	<0.0053	<0.0056	<0.01	<0.01	400	400	380	4.6	-----
Isopropylbenzene (cumene)	<0.011	0.18	<0.010	<0.011	<0.012	<0.0084	<0.0093	<0.011	<0.011	<0.02	<0.02	570	2,000	114	1.7	-----
Methyl ethyl ketone (MEK)	<0.022	<0.025	<0.021	<0.022	<0.024	<0.017	<0.019	<0.021	<0.022	0.069	0.23	22,000	110,000	4,400	17	-----
Naphthalene	<0.0054	0.19	<0.0052	<0.0055	<0.006	<0.0042	<0.0047	0.0078	<0.0056	<0.01	<0.01	56	190	11.2	0.58	-----
p-isopropyltoluene	<0.016	0.58	<0.015	<0.016	<0.018	<0.013	<0.014	<0.016	<0.017	<0.031	<0.03	NS	NS	NS	NS	-----
Toluene	<0.0054	<0.0062	<0.0052	0.01	<0.006	<0.0042	<0.0047	<0.0053	<0.0056	<0.01	<0.01	520	520	132	7.3	-----
Xylenes, total	<0.011	0.22	<0.010	0.0026	<0.012	<0.0084	<0.0093	<0.0053	<0.0056	<0.02	<0.02	270	420	54	5	-----
SVOCs 8270C																
2-Methylnaphthalene	<0.39	<0.41	<0.38	<0.40	<0.41	<0.36	<0.390	**28**	<0.44	<4.5	<5.6	NS	NS	11.2	1.7	-----
Naphthalene	<0.39	<0.41	<0.38	<0.40	<0.41	<0.36	<0.390	**60**	<0.44	<4.5	<5.6	56	190	11.2	0.58	-----
Phenanthrene	<0.39	0.11 J	<0.38	<0.40	<0.41	<0.36	<0.390	<2.0	<0.44	<4.5	<5.6	NS	NS	NS	60	-----
Pyrene	<0.39	0.17 J	<0.38	<0.40	<0.41	<0.36	<0.390	<2.0	<0.44	<4.5	<5.6	2,300	29,000	460	290	-----
Bis (2-ethylhexyl) phthalate	<0.39	<0.41	<0.38	<0.40	<0.41	<0.36	<0.390	1.0 J	<0.44	<4.5	<5.6	35	120	35	5.6	-----
Butyl benzyl phthalate	<0.39	<0.41	<0.38	<0.40	<0.41	<0.36	<0.390	1.5 J	<0.44	<4.5	<5.6	12,000	100,000	2,400	NS	-----
Di-n-butyl phthalate	<0.39	<0.41	<0.38	<0.40	<0.41	<0.36	<0.390	1.5 J	<0.44	<4.5	<5.6	NS	NS	1,220	NS	-----
Metals 6010B																
Chromium (total)	8.7	**48**	7	8.7	16	10	13	10	**72**	**78**	**110**	210	450	24,000	27	2 - 150
Lead	19	34	61	16	18	12	17	15	21	**810**	**3,000**	400	800	400	270	7.2 - 52
Arsenic	NA	**1.5 J**	**2.6**	NA	NA	NA	NA	NA	NA	**18**	**29**	0.39	1.6	4.4	NS	1.6-180
Barium	NA	110	68	NA	NA	NA	NA	NA	NA	390	380	5,400	67,000	NS	848	4.1-420
Cadmium	NA	4.7	0.15 J	NA	NA	NA	NA	NA	NA	**22**	**27**	37	450	7.4	NS	0.54-5.8
Selenium	NA	< 1.8	< 1.7	NA	NA	NA	NA	NA	NA	< 2.5	< 2.5	390	5,100	78	NS	NS
Silver	NA	< 0.92	< 0.84	NA	NA	NA	NA	NA	NA	< 1.2	< 1.2	390	5,100	78	0.23	NS
Metals 7471A																
Mercury	NA	0.086	0.12	NA	NA	NA	NA	NA	NA	**9.5**	1.1	23	310	4.6	NS	0.02-0.16

1. Reporting limits increased due to sample matrix interference and/or higher final extract volume.
2. EPA Region 9 Preliminary Remediation Goals - October 2004
3. NC DENR Inactive Hazardous Sites Branch Soil Remediation Goals - August 2006
4. NC DENR Maximum Soil Contaminant Concentrations Table (2006)
5. NC DENR Data Table, Background Metals in NC Soils, August 31, 2006
6. VOCs= Volatile Organic Compounds; SVOCs - Semi-volatile Organic Compounds; PAHs - Polynuclear Aromatic Hydrocarbons; NA - Not Analyzed; NS - Not Specified
   J = Estimated value - analyte detected at a concentraton less than the reporting limit and greater than or equal to the method detection limit.
   M = Surrogate recoveries or matrix spike recoveries were outside control limits due to suspected matrix interference.
   E= Estimated concentration greater than the instrument calibration range. The concentration is less than the reporting limit for a medium level analysis.
7. EPA Method number follows parameter in parenthesis; bold indicates compound exceeds one or more of the regulatory standards listed in the table, whichever is lower.
8. Only those compounds detected in at least one sample are shown.

Table 3
Summary of Soil and Sediment Analytical Results
Brownfield Phase II Site Assessment
500 E. Davie Street
Raleigh, North Carolina
H&H Job No. RAL-001
(continued)

Boring Location							Screening Levels				
Sample ID	MW-2 (9-10')	MW-2 Dup	MW-3 (8-10')	MW-4 (6-8')	MW-5 (8-10')	Coal Bin	EPA Region 9 Residential PRG [2]	EPA Region 9 Industrial PRG [3]	NCDENR SRG [3]	NC DENR Soil to GW MSCCs [4]	NC DENR Background NC Soils - Range [5]
Sample Depth (ft)	9-10'	9-10'	8-10'	6-8'	8-10'	-----					
Lithology	Sandy Clay	Sandy Clay	Sandy Silt	Silty Sand	Silty Sand	-----					
Date Collected	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/5/2006					
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Laboratory Parameters										
VOCs 8260B											
1,2,4-Trimethylbenzene	<0.011	<0.011	<0.013	<0.012	<0.016	NA	52	170	NS	7.5	-----
1,3,5-Trimethylbenzene	<0.011	<0.011	<0.013	<0.012	<0.016	NA	21	70	NS	7.5	-----
Acetone	<0.021	<0.023	<0.027	<0.024	<0.032	NA	14,000	54,000	2,800	2.8	-----
Ethylbenzene	<0.0053	<0057	<0.0067	<0.006	<0.008	NA	400	400	380	4.6	-----
Isopropylbenzene (cumene)	<0.011	<0.011	<0.013	<0.012	<0.016	NA	570	2,000	114	1.7	-----
Methyl ethyl ketone (MEK)	<0.021	<0.023	<0.027	<0.024	<0.032	NA	22,000	110,000	4,400	17	-----
Naphthalene	<0.0053	<0.0057	<0.067	<0.006	<0.008	NA	56	190	11.2	0.58	-----
p-isopropyltoluene	<0.016	<0.017	<0.020	<0.018	<0.024	NA	NS	NS	NS	NS	-----
Toluene	<0.0053	<0.0057	<0.0067	<0.006	<0.008	NA	520	520	132	7.3	-----
Xylenes, total	<0.011	<0.011	<0.013	<0.012	<0.016	NA	270	420	54	5	-----
SVOCs 8270C											
2-Methylnaphthalene	<0.39	<0.4	<0.45	<0.39	<0.42	0.25 J	NS	NS	11.2	1.7	-----
Naphthalene	<0.39	<0.4	<0.45	<0.39	<0.42	0.19 J	56	190	11.2	0.58	-----
Phenanthrene	<0.39	<0.4	<0.45	<0.39	<0.42	0.20 J	NS	NS	NS	60	-----
Pyrene	<0.39	<0.4	<0.45	<0.39	<0.42	< 0.34	2,300	29,000	460	290	-----
Bis (2-ethylhexyl) phthalate	<0.39	<0.4	<0.45	<0.39	<0.42	NA	35	120	35	5.6	-----
Butyl benzyl phthalate	<0.39	<0.4	<0.45	<0.39	<0.42	NA	12,000	100,000	2,400	NS	-----
Di-n-butyl phthalate	<0.39	<0.4	<0.45	<0.39	<0.42	NA	NS	NS	1,220	NS	-----
Metals 6010B											
Chromium	0.9	1	20	6.2	13	NA	210	450	24,000	27	2 - 150
Lead	5.6	4.4	11	22	16	NA	400	800	400	270	7.2 - 52
Arsenic	NA	NA	NA	NA	NA	NA	0.39	1.6	4.4	NS	1.6-180
Barium	NA	NA	NA	NA	NA	NA	5,400	67,000	NS	848	4.1-420
Cadmium	NA	NA	NA	NA	NA	NA	37	450	7.4	NS	0.54-5.8
Selenium	NA	NA	NA	NA	NA	NA	390	5,100	78	NS	NS
Silver	NA	NA	NA	NA	NA	NA	390	5,100	78	0.23	NS
Metals 7471A											
Mercury	NA	NA	NA	NA	NA	NA	23	310	4.6	NS	0.02-0.16

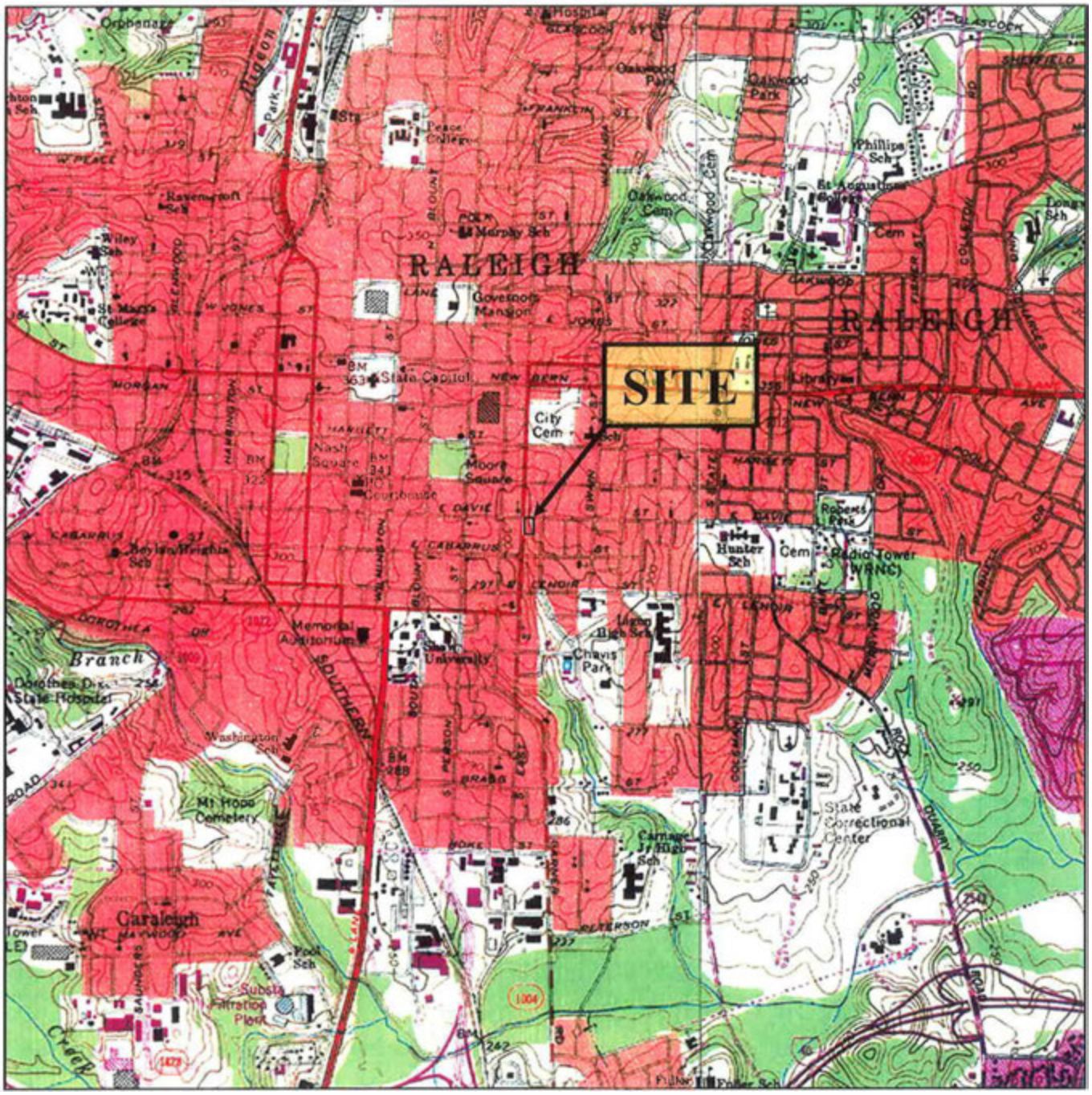
Notes:
1. Reporting limits increased due to sample matrix interference and/or higher final extract volume.
2. EPA Region 9 Preliminary Remediation Goals - October 2004
3. NC DENR Inactive Hazardous Sites Branch Soil Remediation Goals - August 2006
4. NC DENR Maximum Soil Contaminant Concentrations Table (2006)
5. NC DENR Data Table, Background Metals in NC Soils, August 31, 2006
6. VOCs= Volatile Organic Compounds; SVOCs - Semi-volatile Organic Compounds; PAHs - Polynuclear Aromatic Hydrocarbons; NA - Not Analyzed; NS - Not Specified
   J = Estimated value - analyte detected at a concentraton less than the reporting limit and greater than or equal to the method detection limit.
   M = Surrogate recoveries or matrix spike recoveries were outside control limits due to suspected matrix interference.
   E= Estimated concentration greater than the instrument calibration range. The concentration is less than the reporting limit for a medium level analysis.
7. EPA Method number follows parameter in parenthesis; bold indicates compound exceeds one or more of the regulatory standards listed in the table, whichever is lower.
8. Only those compounds detected in at least one sample are shown.

Table 4
Summary of Ground Water Analytical Results
Brownfield Phase II Site Assessment
500 E. Davie Street
Raleigh, North Carolina
H&H Job No. RAL-001

							Screening Levels		
Sample ID	MW-2 [4]	Duplicate MW-2[4]	MW-3[4]	MW-5	Boiler Room	Trip Blank	NC 2L GW Standards[1]	NC GCL Standards[2]	Federal MCLs [3]
Date Collected	12/13/2006	12/13/2006	12/13/2006	12/13/2006	12/13/2006	12/13/2006			
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOCs (SM6210D)									
1, 2, 4 Trimethylbenzene	0.82	1.1	< 0.5	<0.5	<0.5	< 0.5	350	28,500	NS
1, 3, 5 Trimethylbenzene	0.64	0.84	< 0.5	< 0.5	< 0.5	< 0.5	350	28,500	NS
Isopropylbenzene	1.3	1.4	< 0.5	< 0.5	< 0.5	< 0.5	70	25,000	NS
n-Butylbenzene	0.72	0.73	< 0.5	< 0.5	< 0.5	< 0.5	70	6,900	NS
n-Propylbenzene	0.58	0.73	< 0.5	< 0.5	< 0.5	< 0.5	70	30,000	NS
p-Isopropyltoluene	1.4	1.6	< 0.5	< 0.5	< 0.5	< 0.5	NS	NS	NS
sec-Butylbenzene	1.8	2.1	< 0.5	< 0.5	< 0.5	< 0.5	70	8,500	NS
tert-Butylbenzene	1.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5	70	15,000	NS
SVOCs (625)									
All Compounds	<11 to <56	NA	<11 to <56	<11 to <56	<11 to <56	NA	-----	-----	-----
TICs (625)									
Unknown	ND	NA	22	ND	ND	NA	-----	-----	-----
Metals (6010B)									
Chromium (total)	49	**81**	1.4 J	2.7 J	1.3 J	NA	50	50,000	100
Lead	**71**	**170**	1.2 J	4.3 J	**25**	NA	15	15,000	15 (tap)
Field Readings									
pH (Standard Units)	6.48	NM	6.71	**5.35**	NM	NM	6.5-8.5	NS	NS
Temperature (°C)	20.8	NM	20.7	18.3	NM	NM	NS	NS	NS
Specific Conductance (uS/cm)	212.1	NM	451.4	378.9	NM	NM	NS	NS	NS
Dissolved Oxygen (mg/L)	1.32	NM	1.16	0.92	NM	NM	NS	NS	NS

Notes:
1. NC 2L Ground Water Quality Standards (February 1, 2006)
2. NC Gross Contamination Levels for Ground Water (February 1, 2006)
3. MCL = EPA Maximum Contaminant Level in drinking water (2006)
4. Severe emulsions were noted during sample extraction.
5. NA - Not Analyzed; NS - Not Specified; NM - Not Measured; ND- Not detected; VOCs - Volatile Organic Compounds; SVOCs - Semi-Volatile Organic Compounds; NS = Not Specified; GW = Ground Water.
   J = Estimated value - analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. M- Surrogate recoveries or matrix spike recoveries were outside control limits due to suspected matrix interferences.
6. EPA Method number follows parameter in parenthesis; bold indicates compound exceeds the EPA Region IX Residential or Industrial Preliminary Remediation Goals, or SRG, whichever is lower.
7. Only compounds detected in at least one sample are shown.

S:\AAA-Master Projects\City of Raleigh\RAL-001\500 E Davie\Phase II Report\SAR Tables 500 E Davie
February 27, 2007



APPROXIMATE

0 2000 4000

SCALE IN FEET

U.S.G.S. QUADRANGLE MAP

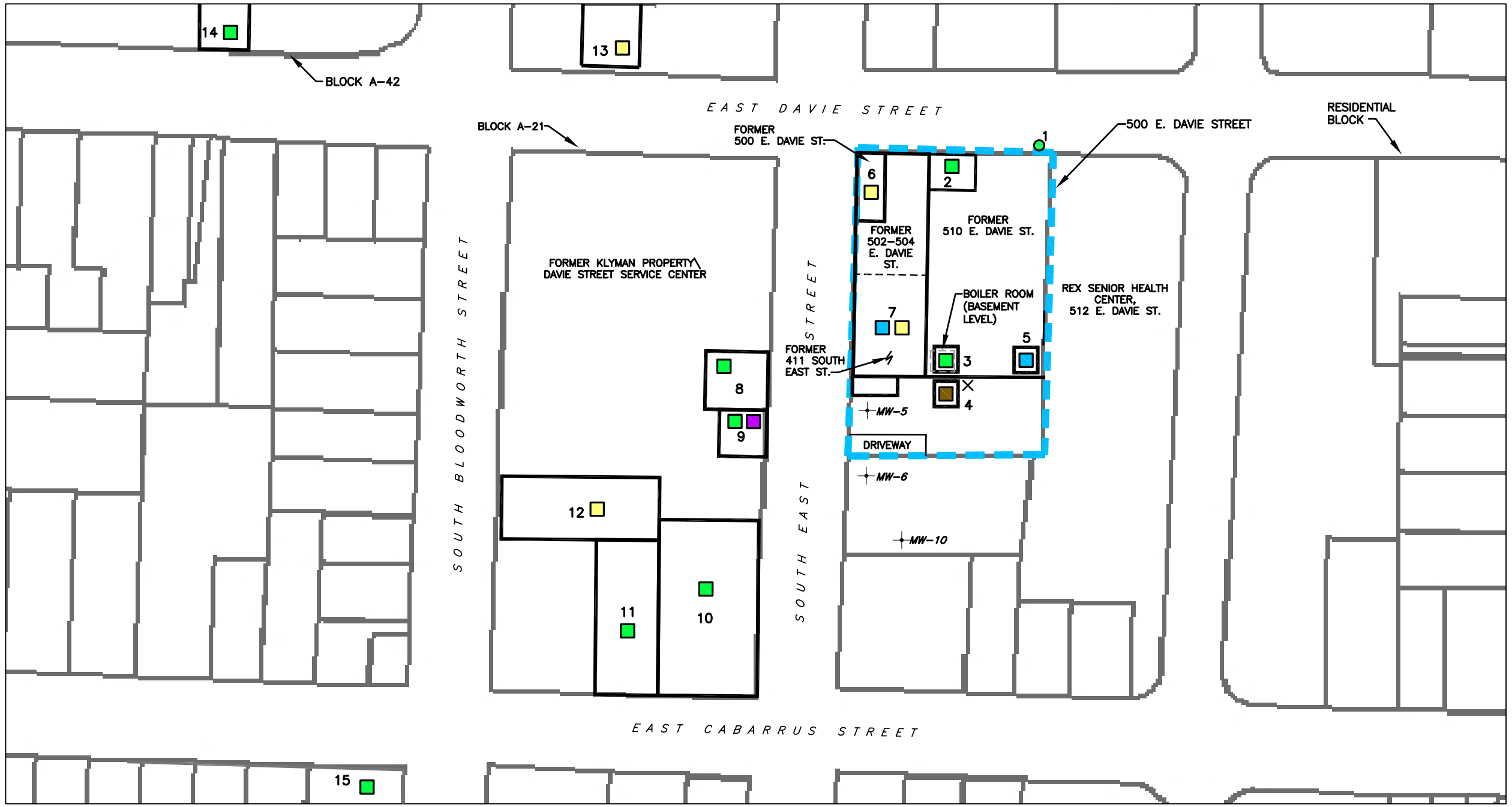
RALEIGH WEST, NC 1968
REVISED 1988

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE	SITE TOPOGRAPHIC MAP
PROJECT	500 E. DAVIE STREET SITE CITY OF RALEIGH BROWNFIELDS ASSESSMENT PROJECT RALEIGH, NORTH CAROLINA

Hart & Hickman
A Professional Corporation
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007 (p) 704-586-0373 (f)

DATE:	08-10-06	REVISION NO:	0
JOB NO:	RAL-001	FIGURE NO:	1



City of Raleigh Historic Site Use & Potential Sources of Contamination Brownfields Sites			
RAL-001			
Map Id#	Feature	Corresponding Site Address	Source
1	Former Gas Tank	510 E. Davie St.	Sanborn Map, 1950
2	Former Oil Storage Area	510 E. Davie St.	Sanborn Map, 1950
3	Former Auto Repair Area	510 E. Davie St.	Sanborn Map, 1950
4	Former Coal Bin	510 E. Davie St.	Sanborn Map, 1950
5	Former Paint Spray Area	510 E. Davie St.	Sanborn Map, 1950
6	Former Laundry & Drycleaners	500 E. Davie St. & 411 S. East St.	City Directories, 1949, 1950
7	Former Vending Machine Shop	411 S. East St.	City Directories, 1949, 1950; Sanborn, 1950
8	Former Filling Station	412 S. East St.	Sanborn Map, 1950
9	Former Welding & Auto Repair	414 S. East St.	Sanborn Map, 1950
10	Former Gasoline Station and Wilkins Car Cleaning & Repair	418 S. East St.	City Directories, 1950-2000, Sanborn Map, 1950; NCDENR Files
11	Former Used Auto Repair & Filling Station	405 E. Cabarrus	Sanborn Map, 1950
12	Former Drycleaners	415 S. Bloodworth St.	Sanborn Map, 1950
13	Former Laundry & Drycleaners	407 E. Davie St.	Sanborn Map, 1950
14	Former Warehouse of Tires/A.S.K. Mart Sites	Block A-42	Sanborn Map, 1950, NCDENR Files
15	Former Dunn's Service Center	502 S. Bloodworth St	NCDENR Files

LEGEND

- PARCEL PROPERTY LINE
- SITE BOUNDARY
- NCDENR — NORTH CAROLINA DEPARTMENT OF THE ENVIRONMENT AND NATURAL RESOURCES
- GAS TANK
- PETROLEUM/AUTO SERVICE STATION
- DRYCLEANER
- METALS
- COAL
- OTHER
- EXISTING MONITORING WELL
- ACCESS TO BOILER ROOM

NOTE: LOCATIONS APPROXIMATE

N

APPROXIMATE
0 60 120
SCALE IN FEET

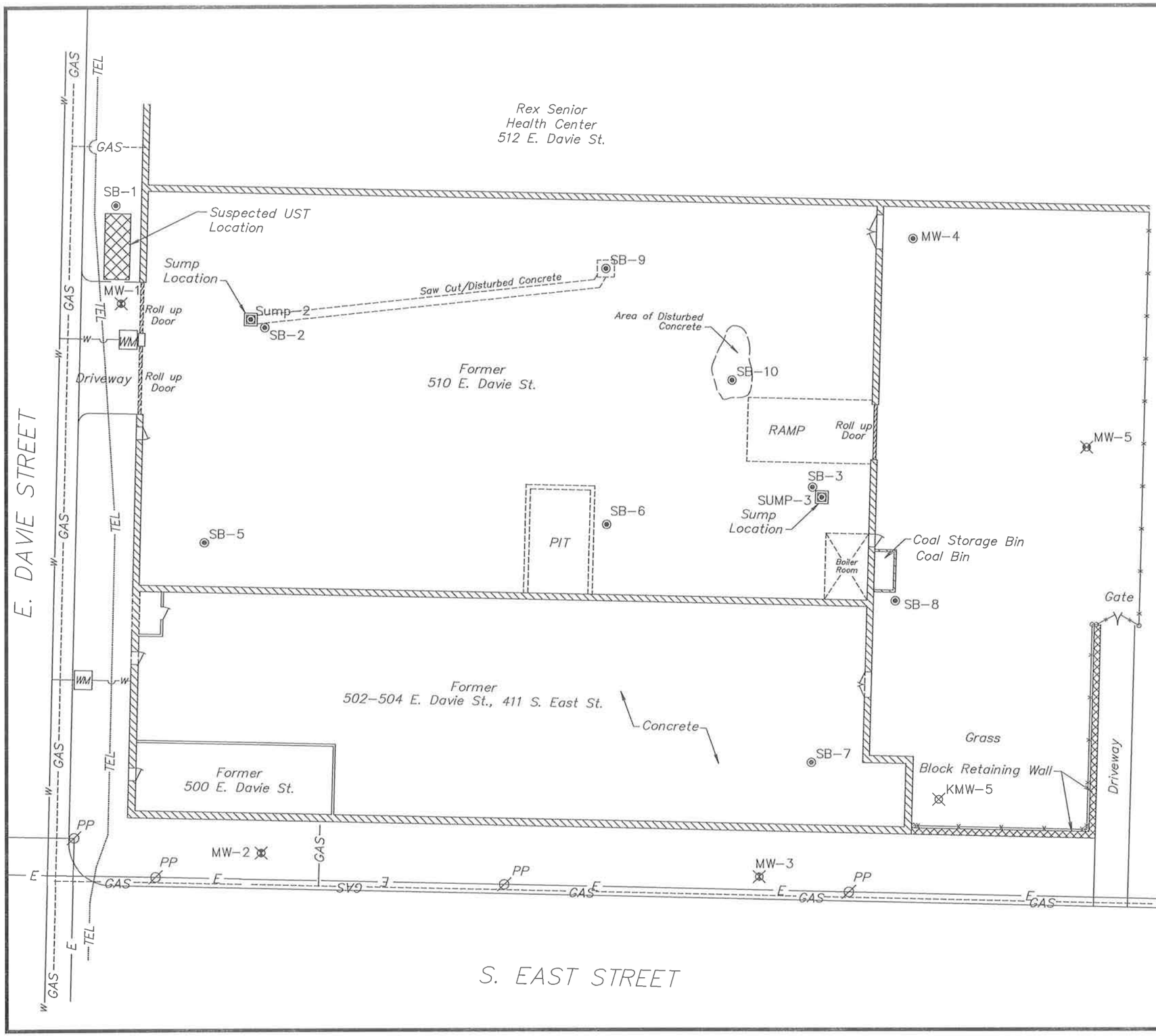
TITLE
SITE MAP AND POTENTIAL SOURCES OF CONTAMINATION

PROJECT
500 EAST DAVIE STREET SITE
CITY OF RALEIGH BROWNFIELDS ASSESSMENT PROJECT
RALEIGH, NORTH CAROLINA

Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

DATE: 5-7-06	REVISION NO. 0
JOB NO: RAL-001	FIGURE NO. 2

SERVER1\WASTEFILES\AA-MASTER PROJECTS\CITY OF RALEIGH\RAL-005\500 E DAVIE\PHASE 1 REPORT\REPORT FIGURES\FIG 2 DAVIE_052006



LEGEND

- --GAS-- Natural Gas Line
- ·····TEL····· Fiber Optic Phone Line
- Fenceline
- —E— Power Line
- PP Power Pole
- —W— Water Line
- WM Water Meter
- SB-9 Soil Boring Location
- MW-5 Monitoring Well Location
- KMW-6 Monitoring Well Location (Klyman)

NOTE:
Klyman well MW-5, located at the rear of the property, could not be located via visual observation or electromagnetic equipment.

APPROXIMATE
0 20 40
SCALE IN FEET

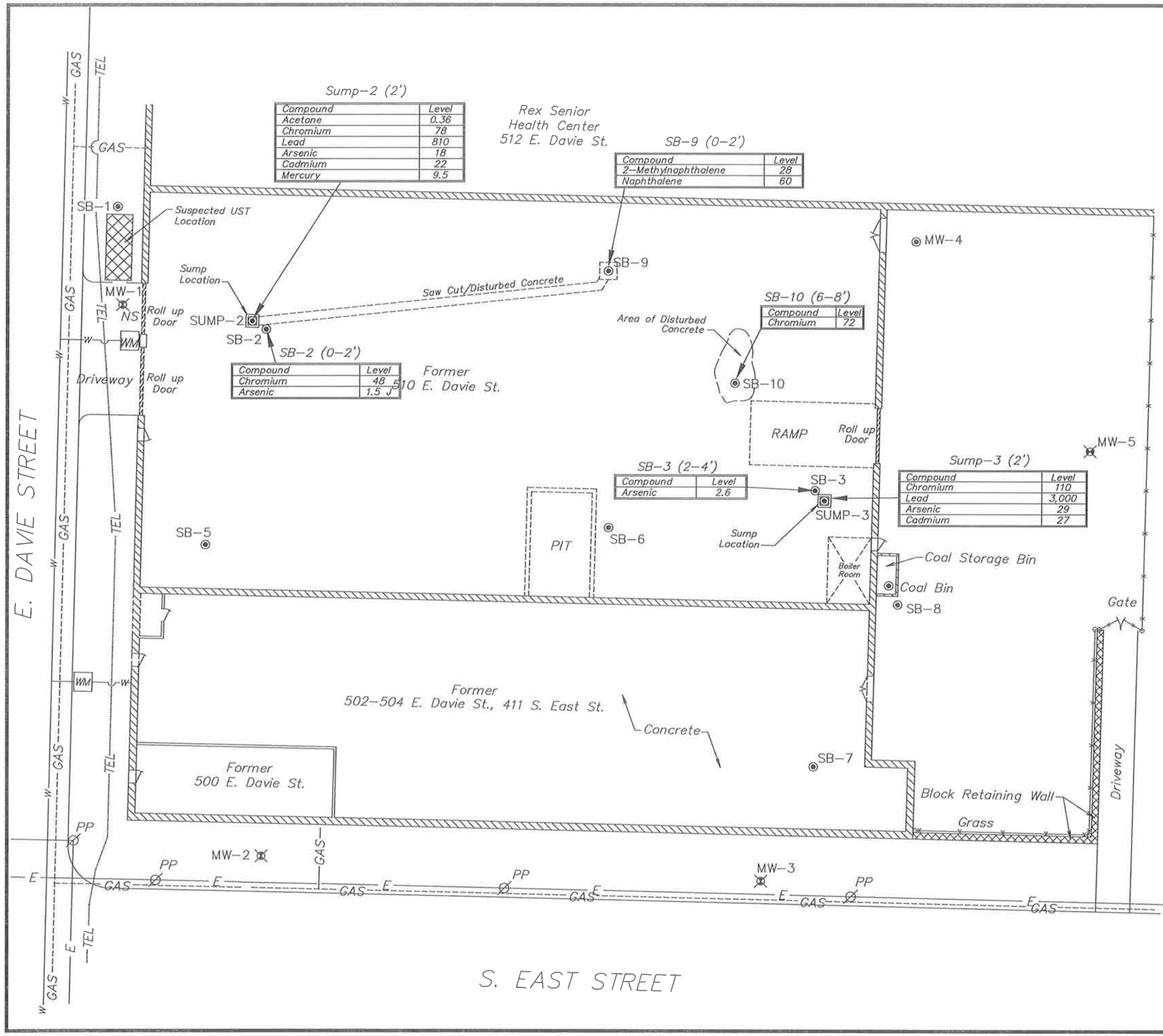
TITLE
BORING AND MONITORING WELL LOCATION MAP

PROJECT
500 EAST DAVIE STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA

Hart & Hickman
A Professional Corporation
8601 Six Forks Road-Suite 400
Raleigh, North Carolina 27615
919-847-42417(p) 919-847-4261(f)

DATE: 03/01/07	REVISION NO. 0
JOB NO: RAL-001	FIGURE NO. 3

S:\AAA-Master Projects\City of Raleigh\RAL-001\500 E Davie\Phase II Report\Figures\500 E. Davie Figure 3.dwg, 1:1



LEGEND

- --GAS-- Natural Gas Line
- ---TEL--- Fiber Optic Phone Line
- Fenceline
- —E— Power Line
- PP Power Pole
- —w— Water Line
- WM Water Meter
- SB-9 Soil Boring Location
- MW-5 Monitoring Well Location
- NS Not Sampled
- J Estimated Concentration (Less than reporting limit but greater than detection limit)
- E Estimated Concentration (Greater than instrument calibration range)
- NA Not Analyzed
- ND Not Detected – See Table 3 for reporting limits and Appendix E for laboratory data

NOTE
Chemical data shown hereon represent only those compounds detected at concentrations in excess of one or more state or federal regulatory screening criteria. See Table 3 for a full list of analytes detected in site soils and sediments.

APPROXIMATE
0 20 40
SCALE IN FEET

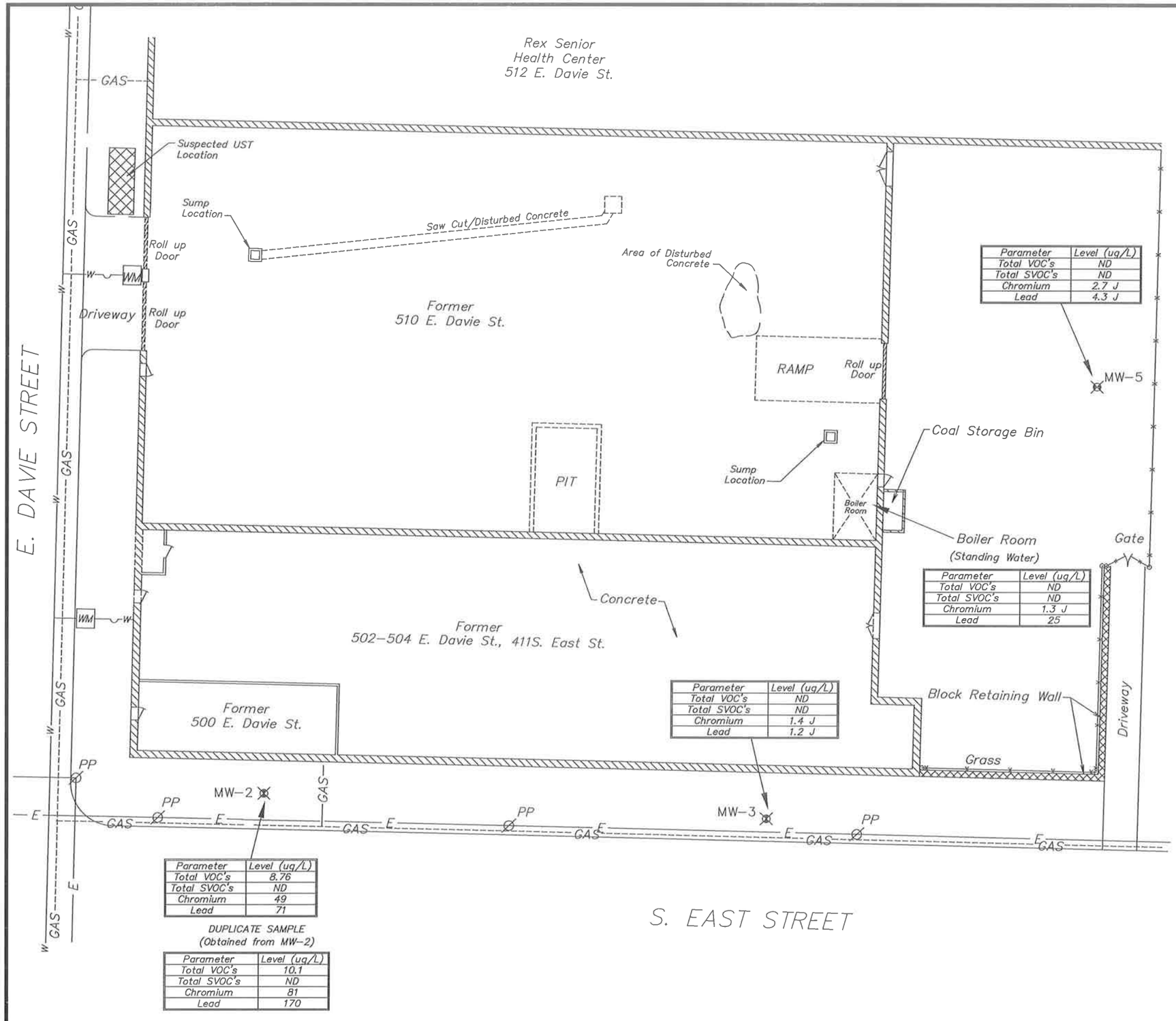
TITLE
MAP OF SELECTED CHEMICAL CONSTITUENTS IN SOIL & SEDIMENT (mg/kg)

PROJECT
500 EAST DAVIE STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA

Hart & Hickman
A PROFESSIONAL CORPORATION
8601 Six Forks Road-Suite 400
Raleigh, North Carolina 27615
919-847-42417(p) 919-847-4261(f)

DATE: 03/01/07	REVISION NO. 0
JOB NO: RAL-001	FIGURE NO. 4

S:\AAA-Master Projects\City of Raleigh\RAL-001\500 E Davie\Phase II Report\Figures\500 E. Davie Figure 4.dwg, 1:1



Parameter	Level (ug/L)
Total VOC's	ND
Total SVOC's	ND
Chromium	2.7 J
Lead	4.3 J

Parameter	Level (ug/L)
Total VOC's	ND
Total SVOC's	ND
Chromium	1.3 J
Lead	25

Parameter	Level (ug/L)
Total VOC's	ND
Total SVOC's	ND
Chromium	1.4 J
Lead	1.2 J

Parameter	Level (ug/L)
Total VOC's	8.76
Total SVOC's	ND
Chromium	49
Lead	71

DUPLICATE SAMPLE
(Obtained from MW-2)

Parameter	Level (ug/L)
Total VOC's	10.1
Total SVOC's	ND
Chromium	81
Lead	170

LEGEND

--GAS-- Natural Gas Line

Fenceline

—E— Power Line

PP Power Pole

—W— Water Line

WM Water Meter

MW-5 Monitoring Well Location

ND Not Detected – See Table 4 for reporting limits and Appendix E for laboratory data

J Estimated Concentration (Less than reporting limit but greater than detection limit)

71 Concentrations shown in bold exceed one or more state or federal regulatory screening criteria.

NOTE
Only selected chemical constituents are shown hereon. See Table 4 for a complete list of compounds detected in groundwater samples obtained from the site.

APPROXIMATE
0 20 40
SCALE IN FEET

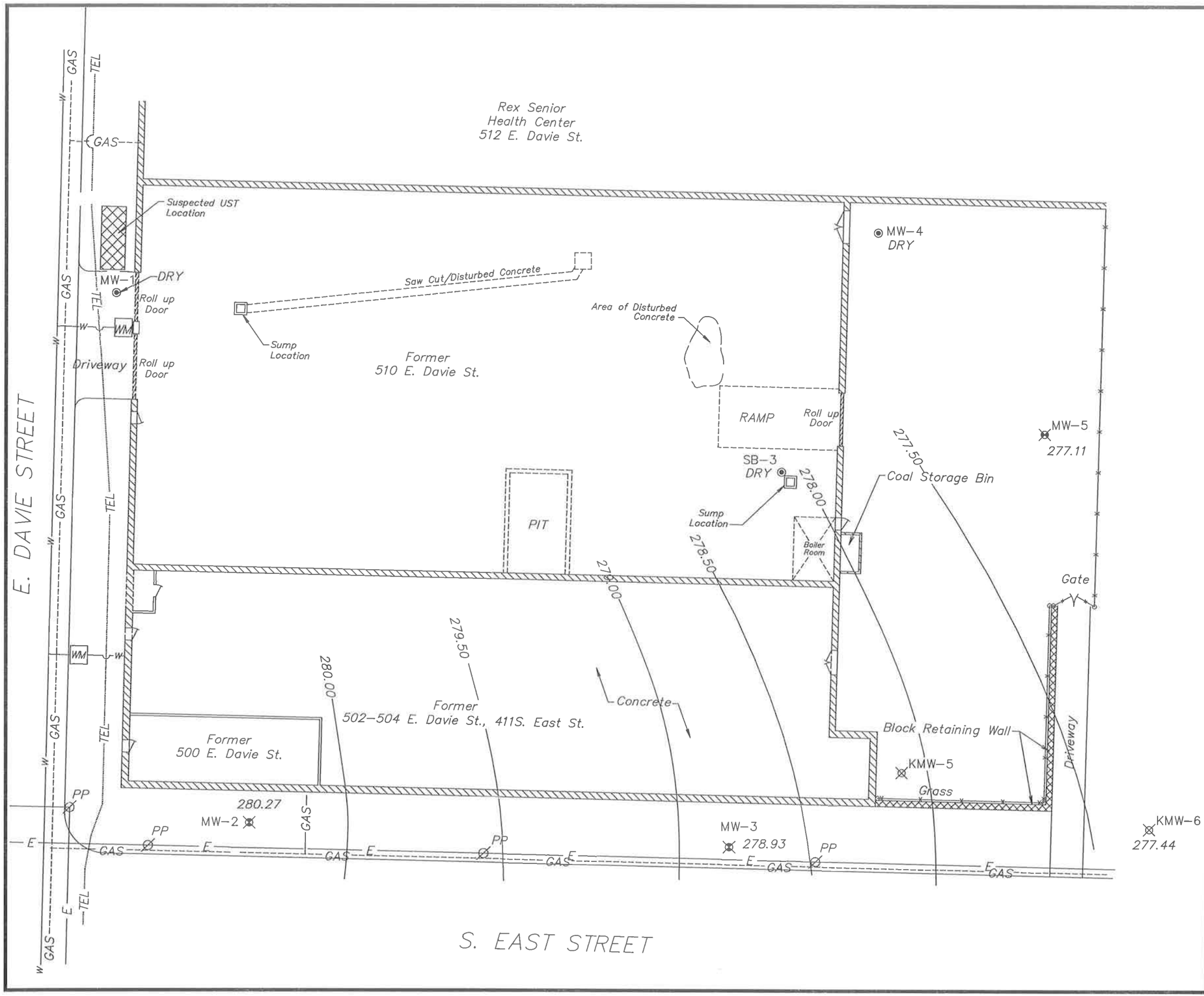
TITLE
MAP OF SELECTED CHEMICAL CONSTITUENTS IN GROUND WATER (ug/L)

PROJECT
500 EAST DAVIE STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA

Hart & Hickman
A PROFESSIONAL CORPORATION
8601 Six Forks Road-Suite 400
Raleigh, North Carolina 27615
919-847-42417(p) 919-847-4261(f)

DATE: 03/01/07 | REVISION NO. 0
JOB NO: RAL-001 | FIGURE NO. 5

S:\AAA-Master Projects\City of Raleigh\RAL-001\500 E Davie\Phase II Report\Figures\500 E. Davie Figure 5.dwg, 1:1



LEGEND

- --GAS-- Natural Gas Line
- ---TEL--- Fiber Optic Phone Line
- Fenceline
- —E— Power Line
- PP Power Pole
- —W— Water Line
- WM Water Meter
- SB-3 Soil Boring Location
- MW-5 Monitoring Well Location
- KMW-6 Monitoring Well Location (Klyman)
- 278.50 Groundwater Elevation (ft., amsl)

NOTES

Ground water was not encountered in well and boring locations noted as "DRY", prior to DPT refusal.

Klyman well MW-5, located at the rear of the property, could not be located via visual observation or electromagnetic equipment.

Well locations and elevations surveyed by Triangle Aerial Surveyors on January 19, 2007. Elevations shown in feet above mean sea level (amsl).

APPROXIMATE
0 20 40
SCALE IN FEET

TITLE
GROUND WATER ELEVATION CONTOUR MAP
JANUARY 19, 2007

PROJECT
500 EAST DAVIE STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA

Hart & Hickman
A Professional Corporation
8601 Six Forks Road-Suite 400
Raleigh, North Carolina 27615
919-847-42417(p) 919-847-4261(f)

DATE: 03/01/07	REVISION NO. 0
JOB NO: RAL-001	FIGURE NO. 6

S:\AAA-Master Projects\City of Raleigh\RAL-001\500 E Davie\Phase II Report\Figures\500 E. Davie Figure 6.dwg, 1:1

Appendix A

Subsurface Utility Survey Drawing

TAYLOR
WISEMAN
TAYLOR

ENGINEERING • SURVEYING • PLANNING
SUBSURFACE UTILITY ENGINEERING

3500 Regency Parkway • Suite H • Cary, North Carolina 27511
(919) 297-0085 Fax (919) 297-0090

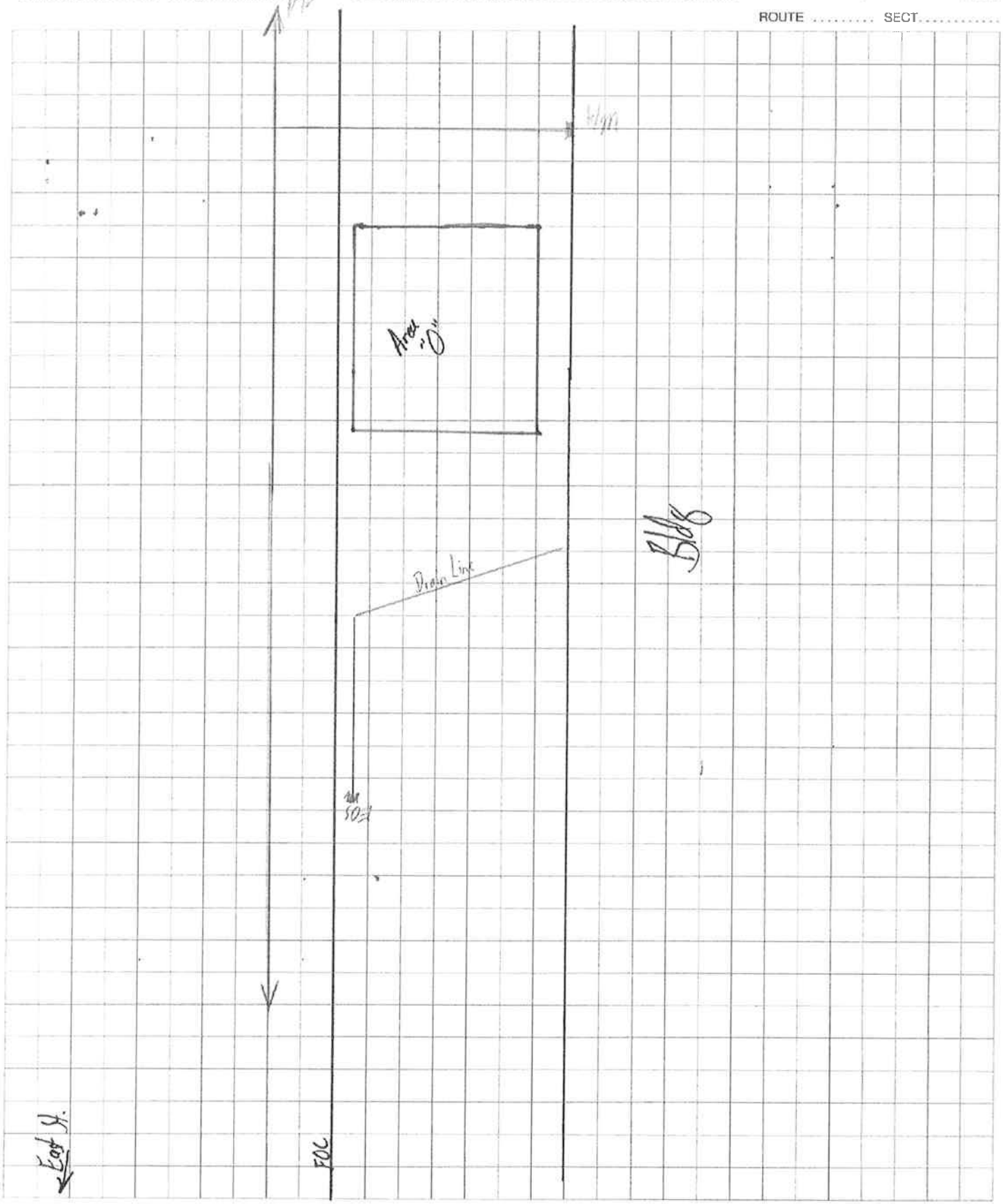
Site #4 Drawing #4

BY..... DATE..... 500 E. Davie St. SHEET NO..... OF.....

CHKD. BY..... DATE..... JOB NO .....

ROUTE ..... SECT.....

500 E. Davie



Appendix B

Boring and Monitoring Well Logs

Hart & Hickman
A Professional Corporation
8601 Six Forks Road, Suite 400
Raleigh, NC 27615
(919) 847-4241

Log of Soil Boring

Project Name:	City of Raleigh - 500 E. Davie Street
Project Number:	RAL-001
Project Location	Raleigh, NC

Boring # SB-5

Depth (ft., bgs)	Screening Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description	Boring Diagram
0.0	0.0-0.1	-	-	Concrete	
0.5	0.1-0.8	-	-	Gravel Fill	
1.0	0.8-2.0	1.48	0.72		
1.5					
2.0	2.0-4.0	2.4	0.31		
2.5					
3.0				Dry, Orange, Medium Clayey SAND	
3.5					
4.0	4.0-5.5	3.7	0.6		
4.5					
5.0					
5.5	5.5-6.0	-	-	No Recovery	
6.0	6.0-6.5	-	-	Dry, Orange & Brown Fine Sandy SILT with Mica	
6.5	6.5-8.0	3	0		
7.0					
7.5				Dry, Orange & Tan, Medium Sandy CLAY	
8.0	8.0-9.8	4.8	0.1		
8.5					
9.0					
9.5	9.8-9.9	-	-	Dry, White, Coarse SAND	
10.0	9.9-10.0	-	-	Moist, Orange & Tan, Fine (Weathered) SILT with Mica	
10.5					
11.0					
11.5					
12.0					
12.5					
13.0					
13.5					
14.0					
14.5					
15.0					
15.5					
16.0					
16.5					
17.0					
17.5					
18.0					
18.5					
19.0					
19.5					
20.0					
20.5					

Boring Start Date:	12/4/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/4/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	10.0'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	Bentonite	Comments: Sampled for laboratory analysis at 8-10'
Logged By:	K.Buchanan	

Hart & Hickman
A Professional Corporation

8601 Six Forks Road, Suite 400
Raleigh, NC 27615
(919) 847-4241

Log of Soil Boring

Boring #: SB-6

Project Name: City of Raleigh - 500 E. Davie Street
Project Number: RAL-001
Project Location: Raleigh, NC

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description	Boring Diagram
0.0	0.0-0.2	-	-	**Concrete**	
0.5	0.2-3.1	-	-		
1.0					
1.5				**Gravel Fill**	
2.0					
2.5					
3.0	3.1-3.4	5.3	0.4	**Dry, Tan & Orange, Medium Silty SAND**	
3.5	3.4-4.0				
4.0					
4.5				**Dry, Orange, Fine Sandy CLAY**	
5.0					
5.5	4.0-5.5	-	-		
6.0	5.5-6.0	6.5	0.3		
6.5				**Dry, Orange & Tan Fine Clayey SILT with Mica**	
7.0					
7.5	6.0-7.5	-	-		
8.0	7.5-8.0	4.9	0.3		
8.5				**Moist, Orange, Fine Sandy SILT with Mica**	
9.0					
9.5					
10.0	8.0-10.0	5.1	0.4	**Moist, Orange, Medium Silty SAND**	
10.5					
11.0					
11.5					
12.0					
12.5					
13.0					
13.5					
14.0					
14.5					
15.0					
15.5					
16.0					
16.5					
17.0					
17.5					
18.0					
18.5					
19.0					
19.5					
20.0					
20.5					

Boring Start Date:	12/4/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/4/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	10.0'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	Bentonite	Comments: Sampled for laboratory analysis at 4-6'
Logged By:	K.Buchanan	

Hart & Hickman
A Professional Corporation

8601 Six Forks Road, Suite 400
Raleigh, NC 27615
(919) 847-4241

Log of Soil Boring

Project Name:	City of Raleigh - 500 E. Davie Street
Project Number:	RAL-001
Project Location	Raleigh, NC

Boring # SB-9

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description	Boring Diagram
0.0	0.0-0.3	-	-	Concrete	
0.5	0.3-0.5	-	-	Moist, Black, Fine Silty SAND	
1.0					
1.5				Moist, Orange & Brown, Fine Clayey SAND (Petroleum Odors)	
2.0	0.5-2.0	141	78.4		
2.5	2.0-2.8	-	-		
3.0					
3.5				Moist, Orange & Tan, Medium Silty SAND	
4.0	2.8-4.2	115	54.8		
4.5					
5.0				Moist, Orange, Medium Silty SAND	
5.5	4.2-5.5	-	-		
6.0	5.5-6.0	28.6	71.3	Moist, Tan & Orange, Fine Clayey SAND	
6.5				Moist, Orange, Fine Clayey SAND	
7.0	6.0-7.0	-	-		
7.5				Moist, White & Orange, Medium to Coarse, Silty SAND	
8.0	7.0-8.0	4.3	6.8		
8.5				Moist, Orange, Medium, Clayey SAND	
9.0	8.0-9.2	-	-		
9.5				Moist, Orange & Brown, (Weathered) SILT	
10.0	9.2-10.0	0	2.42		
10.5					
11.0					
11.5					
12.0					
12.5					
13.0					
13.5					
14.0					
14.5					
15.0					
15.5					
16.0					
16.5					
17.0					
17.5					
18.0					
18.5					
19.0					
19.5					
20.0					
20.5					

Boring Start Date:	12/4/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/4/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	10.0'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	Bentonite	Comments: Sampled for laboratory analysis at 0-2'
Logged By:	K.Buchanan	

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Log of Soil Boring

Boring # SB-3

Project Name: City of Raleigh - 500 E. Davie Street
Project Number: RAL-001
Project Location Raleigh, NC

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description	Boring Diagram
0.0	0.0-0.3	-	-	Concrete	
0.5					
1.0					
1.5					
2.0	0.3-2.0	0.6	5.8	Moist, Brown, Clayey Fine SAND	
2.5					
3.0					
3.5	2.0-3.5	-	-		
4.0	3.5-4.0	1	6.1		
4.5					
5.0					
5.5				Moist, Orange, Fine Sandy CLAY	
6.0	4.0-6.0	1.1	3.4		
6.5	6.0-6.3	-	-		
7.0					
7.5	6.3-7.7	-	-		
8.0	7.7-8.0	0.5	1.2	Moist, Orange & Tan, Fine Sandy SILT	
8.5	8.0-8.2	-	-		
9.0					
9.5				Moist, Brown & White, Fine Sandy SILT	
10.0	8.2-10.0	0.1	0.8		
10.5	10.0-10.4	-	-		
11.0					
11.5					
12.0	10.4-12.0	-	-		
12.5					
13.0				Moist, Orange, Fine Sandy SILT	
13.5					
14.0	12.0-14.0	0.4	1.2		
14.5					
15.0					
15.5	14.0-15.2	-	-		
16.0	15.2-16.0	0	0		
16.5					
17.0					
17.5					
18.0	16.0-18.0	0	0.3	Moist, Tan & Gray, Fine Silty SAND	
18.5					
19.0					
19.5					
20.0	18.0-20.0	0	0.1		
20.5					

Boring Start Date:	12/4/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/4/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	20.0'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	Bentonite	Comments: Sampled for laboratory analysis at 2-4'
Logged By:	K.Buchanan	

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Log of Soil Boring

Project Name:	City of Raleigh - 500 E. Davie Street
Project Number:	RAL-001
Project Location	Raleigh, NC

Boring # SB-2

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description	Boring Diagram
0.0	0.0-0.4	-	-	Concrete	
0.5					
1.0					
1.5					
2.0	0.4-2.0	220	40.3	Moist, Brown & Orange, SILT (with Mica)	
2.5					
3.0					
3.5	2.0-3.3	-	-		
4.0	3.3-4.0	-	-	No Recovery	
4.5					
5.0				Moist, Orange, Gray & Green, Fine Silty SAND	
5.5					
6.0	4.0-6.0	51	31.4		
6.5					
7.0					
7.5					
8.0	6.0-8.0	6.8	9.1		
8.5				Moist, Gray & Black, Fine Silty SAND	
9.0					
9.5					
10.0	8.0-10.0	0.9	2.8		
10.5	10.0-10.8				
11.0					
11.5					
12.0	10.8-12.0	0.1	2.2	Moist, Tan & White, Medium Silty SAND	
12.5					
13.0					
13.5	12.0-13.5	-	-		
14.0	13.5-14.0	0.2	1.7		
14.5					
15.0				Moist, Tan & Orange, Fine Sandy SILT	
15.5					
16.0	14.0-16.0	0	0.5		
16.5				Refusal @ 16.5' BGS	
17.0					
17.5					
18.0					
18.5					
19.0					
19.5					
20.0					
20.5					

Boring Start Date:	12/4/2006	Drilling Contractor: SEI, Inc. Statesville, NC	Page 1 of 1
Completion Date:	12/4/2006	Drilling Equipment: GeoProbe Model 66 DT	
Total Depth:	16.5'	Sample Method: Direct Push Probe, Macrocore	
Abandonment Method:	Bentonite	Comments: Sampled for laboratory analysis at 2-4'	
Logged By:	K.Buchanan		

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Log of Soil Boring

Boring # SB-7

Project Name: City of Raleigh - 500 E. Davie Street
Project Number: RAL-001
Project Location Raleigh, NC

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description	Boring Diagram
0.0	0.0-0.3	-	-	Concrete	
0.5					
1.0					
1.5					
2.0	0.3-2.0	0.1	0.8	Moist, Orange, Fine Sandy CLAY	
2.5					
3.0					
3.5	2.0-3.4	-	-		
4.0	3.4-4.0	0.2	1.9	Moist, Gray & Green, Fine Sandy CLAY	
4.5	4.0-4.5	-	-		
5.0					
5.5					
6.0	4.5-6.0	0.1	0.9		
6.5					
7.0					
7.5				Moist, Orange, Fine Sandy CLAY	
8.0	6.0-8.0	0.3	0.8		
8.5					
9.0					
9.5					
10.0	8.0-10.0	0	0.2		
10.5					
11.0					
11.5					
12.0					
12.5					
13.0					
13.5					
14.0					
14.5					
15.0					
15.5					
16.0					
16.5					
17.0					
17.5					
18.0					
18.5					
19.0					
19.5					
20.0					
20.5					

Boring Start Date:	12/4/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/4/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	10.0'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	Bentonite	Comments: Sampled for laboratory analysis at 2-4'
Logged By:	K.Buchanan	

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Log of Soil Boring

Project Name:	City of Raleigh - 500 E. Davie Street
Project Number:	RAL-001
Project Location	Raleigh, NC

Boring # SB-10

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description	Boring Diagram
0.0	0.0-0.3	-	-	**Concrete**	
0.5					
1.0				**Dry, Brown, Fine Silty SAND**	
1.5	0.3-1.5	-	-		
2.0	1.5-2.0	0.1	0.8	**Dry, Orange & Tan, Fine Silty SAND**	
2.5					
3.0					
3.5					
4.0	2.0-4.0	-	-		
4.5					
5.0				**Dry, Orange & Tan, Fine Sandy CLAY**	
5.5					
6.0	4.0-6.0	0.4	2.2		
6.5					
7.0					
7.5	6.0-7.2	-	-		
8.0	7.2-8.0	0.8	3.1		
8.5					
9.0				**Moist, Orange & Brown (Weathered) Sandy SILT (with Mica)**	
9.5					
10.0	8.0-10.0	0.5	1.2		
10.5					
11.0					
11.5					
12.0					
12.5					
13.0					
13.5					
14.0					
14.5					
15.0					
15.5					
16.0					
16.5					
17.0					
17.5					
18.0					
18.5					
19.0					
19.5					
20.0					
20.5					

Boring Start Date:	12/5/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/5/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	10.0'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	Bentonite	Comments: Sampled for laboratory analysis at 6-8'
Logged By:	K.Buchanan	

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Log of Soil Boring

Boring #: SB-1

Project Name: City of Raleigh - 500 E. Davie Street
Project Number: RAL-001
Project Location: Raleigh, NC

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description
0.0	0.0-0.3	-	-	Concrete
0.5				
1.0				
1.5				
2.0	0.3-2.0	0	0.2	Damp, Dark Gray, Fine Silty SAND
2.5				
3.0				
3.5	2.0-3.5	-	-	
4.0				
4.5				No Recovery
5.0	3.5-5.0	-	-	
5.5				
6.0	5.0-6.2	0.6	1	Moist, Orange & Tan, Fine Sandy SILT
6.5				
7.0	6.2-7.1	-	-	Moist, Orange & Tan, Fine Silty SAND
7.5				
8.0				Moist, Tan & Gray, Medium Silty SAND
8.5	7.1-8.5	0.9	3.6	
9.0				
9.5				Not Sampled
10.0	8.5-10.0			
10.5				
11.0				
11.5				
12.0	10.0-12.0	0.1	0.7	Moist, Orange & Tan, Fine Silty SAND
12.5				
13.0	12.0-12.8	-	-	
13.5				
14.0	12.8-14.0	0	0.2	
14.5				
15.0				Moist, Gray & White, Fine Silty SAND
15.5				
16.0				
16.5	14.0-16.5	0	0.2	
17.0				Refusal @ 16.5' BGS
17.5				
18.0				
18.5				
19.0				
19.5				
20.0				
20.5				

Boring Diagram

Boring Start Date:	12/5/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/5/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	16.5'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	Bentonite	Comments: Sampled for laboratory analysis at 7-8'
Logged By:	K.Buchanan	

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Log of Soil Boring

Project Name:	City of Raleigh - 500 E. Davie Street
Project Number:	RAL-001
Project Location	Raleigh, NC

Boring # SB-8

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description	Boring Diagram
0.0					
0.5				Moist, Dark Brown, Fine Silty SAND (with debris, glass, coal)	
1.0					
1.5	0.0-1.2	0	0		
2.0	1.2-2.0	-	-		
2.5					
3.0				Moist, Orange & Tan, Fine Sandy CLAY	
3.5					
4.0	2.0-4.0	0	0		
4.5				No Recovery	
5.0	4.0-5.0	-	-		
5.5					
6.0					
6.5					
7.0					
7.5					
8.0					
8.5					
9.0					
9.5					
10.0					
10.5					
11.0					
11.5					
12.0					
12.5					
13.0					
13.5					
14.0					
14.5					
15.0					
15.5					
16.0					
16.5					
17.0					
17.5					
18.0					
18.5					
19.0					
19.5					
20.0					
20.5					

Boring Start Date:	12/5/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/5/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	5.0'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	Bentonite	Comments: Sampled for laboratory analysis at 0-2'
Logged By:	K.Buchanan	

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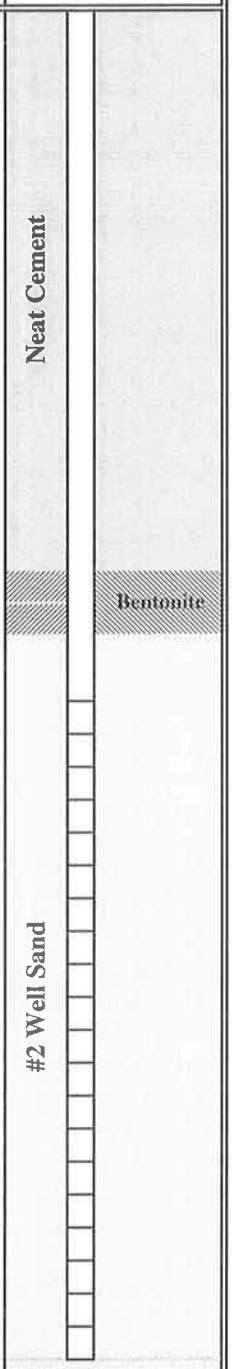
Log of Soil Boring

Project Name: City of Raleigh - 500 E. Davie Street
Project Number: RAL-001
Project Location Raleigh, NC

Boring #: MW-2

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description
0.0	0.0-0.2	-	-	Concrete
0.5				
1.0				Dry, Orange & Brown, Fine Sandy CLAY
1.5				
2.0	0.2-2.1	0	0.1	
2.5				
3.0				Dry, Orange, Fine Sandy CLAY
3.5	2.1-3.5	-	-	
4.0	3.5-4.0	0.1	0.1	
4.5				
5.0				
5.5				
6.0	4.0-6.0	0.2	0.8	Moist, Orange & Tan, Fine Sandy CLAY
6.5				
7.0				
7.5				
8.0	6.0-8.0	0.9	1.4	
8.5				
9.0				Moist, Gray & Orange Fine Sandy CLAY
9.5	8.0-9.7	-	-	
10.0				
10.5				
11.0				Moist, Brown, Orange & White, Fine Silty SAND
11.5				
12.0				
12.5	9.7-12.5	0.9	5.1	
13.0				
13.5				
14.0				Moist, Gray & White Fine Silty SAND
14.5				
15.0	12.5-15.0	2.1	12.7	
15.5				No Recovery
16.0	15.0-16.0	-	-	
16.5				
17.0				Moist, Gray, Fine Silty SAND
17.5				
18.0	16.0-18.1	6.3	21.4	
18.5				
19.0				Damp, Gray & White, Medium Silty SAND
19.5				
20.0	18.1-20.1	3.8	10.2	
20.5				Refusal @ 20.1' BGS

Boring/Well Diagram



Boring Start Date:	12/5/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/5/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	20.1'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	NA	Comments: Sampled for laboratory analysis at 9-10',
Logged By:	K.Buchanan	2" PVC Monitoring well Set with 10' screen, 10' riser.

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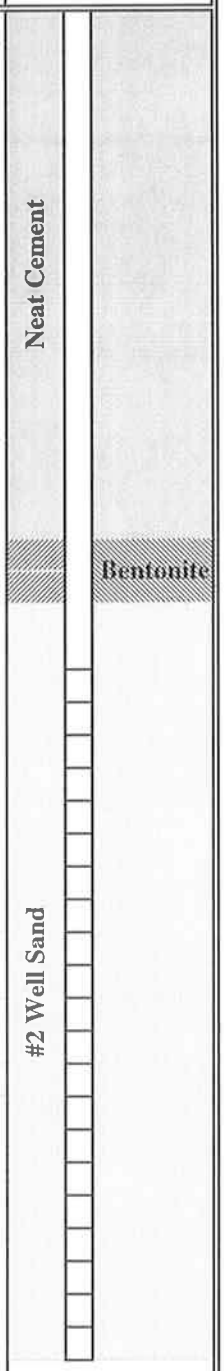
Log of Soil Boring

Project Name: City of Raleigh - 500 E. Davie Street
Project Number: RAL-001
Project Location: Raleigh, NC

Boring #: MW-3

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description
0.0	0.0-0.3	-	-	Concrete
0.5		-	-	
1.0				
1.5				
2.0	0.3-2.0	0	0.1	Moist, Orange, Fine Sandy CLAY
2.5				
3.0				
3.5	2.0-3.5	-	-	
4.0	3.5-4.0	0	0.2	
4.5				
5.0				Moist, Orange & Tan, Fine Sandy CLAY
5.5				
6.0	4.0-6.2	0.1	0.8	
6.5				
7.0				
7.5				Moist, Gray & Orange, Fine Sandy CLAY
8.0	6.2-8.0	0.4	1.1	
8.5	8.0-8.5	-	-	
9.0				
9.5				
10.0	8.5-10.0	0.8	3.7	
10.5				
11.0				Moist, Brown & Orange, Fine Sandy Silt (with Mica)
11.5				
12.0				
12.5				
13.0				
13.5	10.0-13.5	-	-	
14.0	13.5-14.0	0.2	1.4	Moist, Brown & Black, (Weathered) SILT (with Mica)
14.5	14.0-14.7	-	-	
15.0				Moist, White & Tan, Fine Sandy CLAY
15.5	14.7-15.8	-	-	
16.0	15.8-16.2	0	0.2	Damp, Black & Brown, Fine SILT
16.5				
17.0				
17.5				
18.0				
18.5				
19.0				Wet, Gray & White, Medium Silty SAND
19.5				
20.0	16.2-20.0	0	0.1	
20.5				
21.0				
21.5				
22.0	20.0-22.1	-	-	
22.5				Wet, White, Coarse Silty SAND (Borehole Collapsed to 20' BGS)
23.0	22.1-23.0	-	-	

Boring/Well Diagram



Boring Start Date:	12/5/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/5/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	23.0'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	NA	Comments: Sampled for laboratory analysis at 8-10',
Logged By:	K.Buchanan	2" PVC Monitoring well Set with 10' screen, 10' riser.

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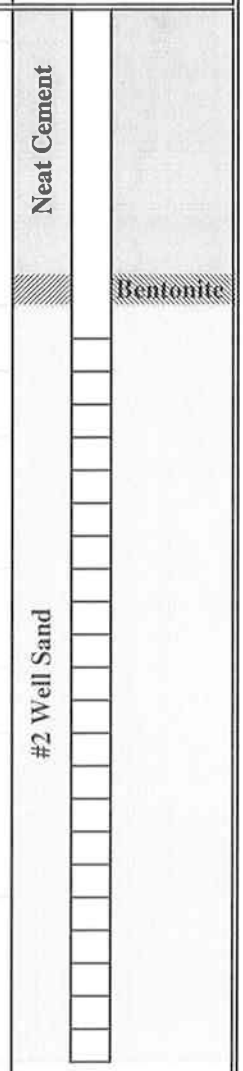
Log of Soil Boring

Boring #: MW-5

Project Name: City of Raleigh - 500 E. Davie Street
Project Number: RAL-001
Project Location: Raleigh, NC

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description
0.0	0.0-0.8	-	-	**Moist, Brown, Fine Silty SAND**
1.0				
2.0	0.8-2.0	0	0	
3.0				
2.0				**Moist, Orange, Fine Sandy CLAY**
3.0				
4.0	2.0-4.0	0	0	
5.0				
6.0	4.0-6.5	0	0.1	
7.0				**Moist, Tan & Orange, Fine Silty SAND**
8.0	6.5-8.2	0.2	0.1	
9.0				**Dray, Tan & White, Coarse SAND**
10.0	8.2-10.5	0.2	2.4	
11.0				
12.0	10.5-12.0	0	0	**Moist, Brown & Orange, Fine Sandy SILT (with Mica)**
13.0				
14.0	12.0-14.0	0	0	
15.0				
16.0	14.0-16.0	0.1	0.8	**Moist, Brown & White, Fine Sandy SILT**
17.0	16.0-17.5	-	-	
18.0				**Moist, White & Orange, Medium to Coarse Silty SAND**
19.0	17.5-19.1	0	0.1	
20.0	19.1-20.0	0	0	
21.0				
22.0	20.0-22.0	-	-	**Damp, Brown & Orange, Fine SILT**
23.0				
24.0	22.0-24.0	-	-	
25.0				
26.0	24.0-26.0	-	-	
27.0				**Wet Brown & Orange, Fine SILT (Borehole Collapsed to 28.5' BGS)**
28.0	26.0-28.0	-	-	
29.0	28.0-29.0	-	-	
30.0				**Refusal @ 29.0' BGS**
31.0				
32.0				
33.0				
34.0				
35.0				
36.0				
37.0				
38.0				
39.0				

Boring/Well Diagram



Boring Start Date:	12/5/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/5/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	29.0'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	NA	Comments: Sampled for laboratory analysis at 8-10',
Logged By:	K.Buchanan	2" PVC Monitoring well Set with 20' screen, 8.5' riser

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Log of Soil Boring

Project Name:	City of Raleigh - 500 E. Davie Street
Project Number:	RAL-001
Project Location	Raleigh, NC

Boring # MW-4

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description
0.0				
0.5				Moist, Brown, Fine Silty SAND
1.0	0.0-0.9	0	0	
1.5				
2.0	0.9-2.0	-	-	
2.5				
3.0				
3.5				
4.0	2.0-4.0	0	0	Moist, Orange, Fine Sandy CLAY
4.5				
5.0				
5.5				
6.0				
6.5	4.0-6.5	-	-	
7.0				
7.5				
8.0	6.5-8.0	0	0.1	Moist, Tan & Orange, Fine Silty SAND
8.5				
9.0	8.0-8.8	-	-	
9.5				
10.0	8.8-10.0	0	0	
10.5				
11.0				Moist, Orange & Brown, Fine Sandy SILT
11.5				
12.0	10.0-12.0	0	0	
12.5	12.0-12.5	-	-	
13.0				
13.5				
14.0	12.5-14.0	0	0	
14.5				Moist, White & Gray, Fine Silty SAND
15.0				
15.5				
16.0				
16.5	14.0-16.5	0	0	
17.0				Refusal @ 16.5' BGS
17.5				
18.0				
18.5				
19.0				
19.5				
20.0				
20.5				

Boring/Well Diagram

Boring Start Date:	12/5/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/5/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	16.5'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	Bentonite	Comments: Sampled for laboratory analysis at 6-8'
Logged By:	K.Buchanan	

Hart & Hickman
A Professional Corporation

8601 Six Forks Road, Suite 400
Raleigh, NC 27615
(919) 847-4241

Log of Soil Boring

Project Name:	City of Raleigh - 500 E. Davie Street
Project Number:	RAL-001
Project Location	Raleigh, NC

Boring # MW-1

Depth (ft., bgs)	Depth (ft., bgs)	FID (ppm)	PID (ppm)	Soil/Material Description	Boring Diagram
0.0	0.0-0.4	-	-	Concrete	
0.5					
1.0					
1.5				No Recovery	
2.0					
2.5					
3.0	0.4-3.0	-	-		
3.5				Refusal @ 3.0' bgs.	
4.0					
4.5					
5.0					
5.5					
6.0					
6.5					
7.0					
7.5					
8.0					
8.5					
9.0					
9.5					
10.0					
10.5					
11.0					
11.5					
12.0					
12.5					
13.0					
13.5					
14.0					
14.5					
15.0					
15.5					
16.0					
16.5					
17.0					
17.5					
18.0					
18.5					
19.0					
19.5					
20.0					
20.5					

Boring Start Date:	12/5/2006	Drilling Contractor: SEI, Inc. Statesville, NC
Completion Date:	12/5/2006	Drilling Equipment: GeoProbe Model 66 DT
Total Depth:	3.0'	Sample Method: Direct Push Probe, Macrocore
Abandonment Method:	Bentonite	Comments: Boring Refused at 3' bgs.
Logged By:	K.Buchanan	

Appendix C

Driller Well Construction Records

NON RESIDENTIAL WELL CONSTRUCTION RECORD

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

WELL CONTRACTOR CERTIFICATION # 3305

1. WELL CONTRACTOR:

David G. Hathaway
Well Contractor (Individual) Name

Subsurface Environmental Investigations, LLC
Well Contractor Company Name

STREET ADDRESS 2155 Mocksville Highway

Statesville	NC	28625
City or Town	State	Zip Code

(800)- 876-2105
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-2

STATE WELL PERMIT#(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐ Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐ Irrigation ☐ Other ☐ (list use)

DATE DRILLED 12/5/06

TIME COMPLETED 6:00 AM ☐ PM ☒

3. WELL LOCATION:

CITY: Raleigh COUNTY Wake

500 East Davie Street, Pin# 1703971116 Zip-27602
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

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

LATITUDE 35 77 699
LONGITUDE 78 63 137

May be in degrees, minutes, seconds or in a decimal format

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

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable)

NAME OF FACILITY City of Raleigh

STREET ADDRESS 500 East Davie Street

Raleigh	NC	27602
City or Town	State	Zip Code

CONTACT PERSON City of Raleigh

MAILING ADDRESS P.O. Box 590

Raleigh	NC	27602
City or Town	State	Zip Code

(N/A)-
Area code - Phone number

5. WELL DETAILS:

a. TOTAL DEPTH: 20'

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

c. WATER LEVEL Below Top of Casing: 14.00~ FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.6 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): N/A METHOD OF TEST N/A

f. DISINFECTION: Type N/A Amount N/A

g. WATER ZONES (depth):

From	To	From	To
17.0	20.0		

6. CASING:

From	To	Ft.	Diameter	Thickness/ Weight	Material
0.0	10.0		2.0"	SCH40	PVC

7. GROUT:

From	To	Ft.	Material	Method
0.0	3.0		Portland	Pour

8. SCREEN:

From	To	Ft.	Diameter	Slot Size	Material
10.0	20.0		2.0 in.	0.010 in.	PVC
			in.	in.	
			in.	in.	

9. SAND/GRAVEL PACK:

From	To	Ft.	Size	Material
8.0	20.0		#2	Torpedo Sand

10. DRILLING LOG

From	To	Formation Description

11. REMARKS:

Right-Of-Way Permit # 20621

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.

SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE 12/7/06

David G. Hathaway
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD

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

WELL CONTRACTOR CERTIFICATION # 3305

1. WELL CONTRACTOR:

David G. Hathaway
Well Contractor (Individual) Name

Subsurface Environmental Investigations, LLC
Well Contractor Company Name

STREET ADDRESS 2155 Mocksville Highway

Statesville	NC	28625
City or Town	State	Zip Code

(800)- 876-2105
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-3

STATE WELL PERMIT#(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐ Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐ Irrigation ☐ Other ☐ (list use)

DATE DRILLED 12/5/06

TIME COMPLETED 6:00 AM ☐ PM ☒

3. WELL LOCATION:

CITY: Raleigh COUNTY Wake

500 East Davie Street, Pin# 1703971116 Zip-27602
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

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

LATITUDE 35.77 699
LONGITUDE 78.63 137

May be in degrees, minutes, seconds or in a decimal format

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

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable)

NAME OF FACILITY City of Raleigh

STREET ADDRESS 500 East Davie Street

Raleigh	NC	27602
City or Town	State	Zip Code

CONTACT PERSON City of Raleigh

MAILING ADDRESS P.O. Box 590

Raleigh	NC	27602
City or Town	State	Zip Code

(N/A)-
Area code - Phone number

5. WELL DETAILS:

a. TOTAL DEPTH: 20'

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

c. WATER LEVEL Below Top of Casing: 14.00~ FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.6 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): N/A METHOD OF TEST N/A

f. DISINFECTION: Type N/A Amount N/A

g. WATER ZONES (depth):

From	To	From	To
17.0	20.0		

h. CASING:

From	To	Ft.	Diameter	Thickness/ Weight	Material
0.0	10.0		2.0"	SCH40	PVC

7. GROUT:

From	To	Ft.	Material	Method
0.0	3.0		Portland	Pour

8. SCREEN:

From	To	Ft.	Diameter	Slot Size	Material
10.0	20.0		2.0 in.	0.010 in.	PVC
			in.	in.	
			in.	in.	

9. SAND/GRAVEL PACK:

From	To	Ft.	Size	Material
8.0	20.0		# 2	Torpedo Sand

10. DRILLING LOG

From	To	Formation Description

11. REMARKS:

Right-Of-Way Permit # 20621

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.

SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE 12/7/06

David G. Hathaway
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD

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

WELL CONTRACTOR CERTIFICATION # 3305

1. WELL CONTRACTOR:

David G. Hathaway
Well Contractor (Individual) Name

Subsurface Environmental Investigations, LLC
Well Contractor Company Name

STREET ADDRESS 2155 Mocksville Highway

Statesville NC 28625
City or Town State Zip Code

(800) 878-2105
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-5

STATE WELL PERMIT#(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐ Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐ Irrigation ☐ Other ☐ (list use)

DATE DRILLED 12/5/06

TIME COMPLETED 6:00 AM ☐ PM ☒

3. WELL LOCATION:

CITY: Raleigh COUNTY Wake

500 East Davie Street, Pin# 1703971116 Zip-27602
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

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

LATITUDE 35.77 699
LONGITUDE 78.63 137

May be in degrees, minutes, seconds or in a decimal format

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

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable)

NAME OF FACILITY City of Raleigh

STREET ADDRESS 500 East Davie Street

Raleigh NC 27602
City or Town State Zip Code

CONTACT PERSON City of Raleigh

MAILING ADDRESS P.O. Box 590

Raleigh NC 27602
City or Town State Zip Code

(N/A)
Area code - Phone number

5. WELL DETAILS:

a. TOTAL DEPTH: 28.5'

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

c. WATER LEVEL Below Top of Casing: 21.00~ FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.6 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): N/A METHOD OF TEST N/A

f. DISINFECTION: Type N/A Amount N/A

g. WATER ZONES (depth):
From 25.0 To 28.5 From ___ To ___
From ___ To ___ From ___ To ___
From ___ To ___ From ___ To ___

6. CASING:

Depth		Diameter	Thickness/ Weight	Material
From 0.0	To 8.5	Ft. 2.0	SCH40	PVC
From ___	To ___	Ft. ___	___	___
From ___	To ___	Ft. ___	___	___

7. GROUT:

Depth		Material	Method
From 0.0	To 3.0	Ft. Portland	Pour
From ___	To ___	Ft. ___	___
From ___	To ___	Ft. ___	___

8. SCREEN:

Depth		Diameter	Slot Size	Material
From 8.5	To 28.5	Ft. 2.0 in.	0.010 in.	PVC
From ___	To ___	Ft. ___ in.	___ in.	___
From ___	To ___	Ft. ___ in.	___ in.	___

9. SAND/GRAVEL PACK:

Depth		Size	Material
From 6.5	To 28.5	Ft. #2	Torpedo Sand
From ___	To ___	Ft. ___	___
From ___	To ___	Ft. ___	___

10. DRILLING LOG

From	To	Formation Description

11. REMARKS:

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.

SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE 12/7/06

David G. Hathaway
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

Appendix D

Boring and Well Survey Data

Triangle Aerial Surveys, Inc.

Aerial Surveyors, Photogrammetrists and GIS Specialists

7718 Six Forks Road, Suite 200, Raleigh, NC 27615

Tel: 919-787-8654 – Fax: 919-787-7690

E-Mail: info@triangle-aerial-surveys.com – *URL: www.triangle-aerial-surveys.com*

Soil Boring & Monitoring Well Locations at Davie Street

February 14, 2007

Points are measured at center of each boring on top of asphalt, concrete, or soil in the case of the borings and at top western edge of the well casings for the monitoring wells and are reported below in North Carolina State Plane Coordinates (U.S. Survey Feet):

PT. #	Easting	Northing	Elevation	Description
11	2109181.77	737307.383	304.29	SB1
4	2109153.09	737272.86	302.9	SB2
8	2109115.33	737144.965	303.02	SB3
3	2109102.55	737286.878	303.22	SB5
6	2109106.6	737193.186	303.3	SB6
23	2109050.54	737145.059	298.81	SB7
21	2109088.54	737125.591	299.61	SB8
5	2109166.74	737193.451	303.12	SB9
7	2109140.5	737163.883	303.17	SB10
12	2109158.86	737306.217	303.11	MW1 Boring
13	2109029.53	737273.696	295.9	MW2
14	2109023.75	737157.203	293.61	MW3
20	2109173.66	737121.676	303.22	MW4
17	2109124.62	737080.522	298.19	MW5
18	2109028.14	737054.955	291.66	MW6
28	2109155.03	737276.104	301.43	CNTR BTTM Sump2
9	2109112.93	737142.779	301.68	CNTR BTTM Sump3

The description is the Soil Boring or Well number assigned by Hart & Hickman and/or found painted or marked on the ground surface, appended with a field note as needed for clarity: i.e. there was no Monitoring Well at location MW1 so the measurement was taken on top of the sidewalk at the boring.

The NC Grid coordinates shown on this report were measured by actual surveys on the ground performed 1/18/2007, 1/20/2007, and 1/25/2007 by me, W. Frank Lindsey, PLS, N.C.Lic # 4459, and tied to Grid by static differential GPS surveys performed on 11/15/2006 and 1/19/2007 with observations using two Ashtech PM2 receivers the first date and three the following date with survey antennae and the Raleigh Base CORS both dates. The vectors were adjusted using the fixed station "RALR" PID AJ2913 Lat. 35 47 12.85275(N), Lon.078 38 19.41199(W), NAVD88 175.91(meters), 577.1(feet)GPS OBS, using Ashtech "Solutions" producing a weighted least squares adjustment of the NAD 83 (CORS) & NAVD 88 positions yielding a ratio of precision between the fixed control station and the local control points of greater than 1:50000.

Latitude, longitude and ellipsoid height are computed from their corresponding cartesian coordinates using dimensions for the GRS 80 ellipsoid: semi-major axis = 6,378,137.0 meters flattening = 1/298.257222101..., and converted to NCSPCS using Ashtech Solutions software.

Appendix E

Laboratory Analytical Data and Data Validation Summary

Data Validation Summary

In accordance with the October 2006 Site QAPP, the field and laboratory analytical data were subjected to review, verification, and validation to ensure that the quality and validity of the data were acceptable for the stated data quality objectives. A review of the analytical laboratory data is provided below.

- The samples were received at the laboratory in good condition, within the proper temperature range, and were properly preserved.
- Chain-of-custody protocol was properly maintained.
- The requested laboratory analyses were performed by the laboratory on each sample.
- No target compounds were detected above reporting limits in the method blank nor in the trip blank for these samples.
- Surrogate recovery was outside of control limits for the water sample from MW-2. According to laboratory personnel, this was caused by severe emulsions during extraction for Method EPA 625 noted by laboratory personnel for ground water sample MW-2 and MW-3. The emulsions are suspected to be a result of matrix interferences. In these cases, no dilution or increase in the reporting limit was required. There is no affect on the sample results, which were non-detect for these constituents.
- Several matrix spike recoveries were noted to be outside the laboratory control limits. Matrix spike duplicate relative percent differences (RPD) exceedances were also noted; however, the laboratory reports that either the compounds affected were not detected in the sample, or the sample was re-analyzed without a recovery limit or RPD exceedance.
- The sediment sample from Sump 2 was noted as having a higher final extract volume indicating potential sample matrix interferences and resulted in an elevated reporting limit. In addition, one surrogate recovery for this sample was noted to be outside the control limits. No compounds were detected that were associated with this surrogate; therefore, no further action was taken by the analytical laboratory.

- The soil sample from SB-2 had two surrogate recoveries outside of the control limits for the SVOC analysis. The sample was re-analyzed for the specific constituents of concern at 50x dilution with acceptable recoveries for the specific constituents of concern. Matrix interference is suspected. The effect of the re-analysis was to elevate the reporting limits.
- The soil sample from SB-9 was noted as having surrogate recovery outside the control limits for three surrogate compounds for the SVOC analysis. Matrix interference was suspected. The reporting limits were raised for this analysis.
- Acetone is known to be generated when certain soils interact with sodium bisulfate, which is utilized for sample preservation with this analytical method (STL Savannah Laboratories, March 7, 2000.) MEK is a ketone compound, which is chemically similar to acetone. For this reason, the presence of acetone and MEK in these samples is believed to be an artifact of sample preservation (Prism Laboratories, personal communication, October 25 and December 4, 2006).

Upon analytical data review, verification, and discussions with laboratory personnel, Hart & Hickman determines that these data are valid and useful for the purposes described in the QAPP.

PRISM
LABORATORIES,INC.

Case Narrative (Revised)

Date:	01/05/07	**Client Project ID:**	500 E. Davie Street
Company:	Hart & Hickman	**Prism COC Group No:**	G1206416
Contact:	Kevin Buchanan	**Collection Date(s):**	12/13/06
Address:	8601 Six Forks Rd. Suite 400 Raleigh, NC 27615	**Lab Submittal Date(s):**	12/14/06

This is a revised report and supersedes our original laboratory report dated 12/29/06. Client requested TICS be added to report.

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 45 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

Semi Volatile Analysis

Analysis Note for Q19987 MS 2,4-Dimethylphenol: MS recovery outside the control limits.

Analysis Note for Q19987 MS Phenol: MS recovery outside the control limits.

Analysis Note for Q19987 MS Pyrene: MS recovery outside the control limits.

Analysis Note for Q19987 MSD 2,4-Dimethylphenol: MSD recovery outside the control limits.

Analysis Note for Q19987 MSD 2,4-Dinitrophenol: RPD value outside the control limits.

Analysis Note for Q19987 MSD 2,6-Dinitrotoluene: RPD value outside the control limits.

Analysis Note for Q19987 MSD 4,6-Dinitro-2-methylphenol: RPD value outside the control limits.

Analysis Note for Q19987 MSD Benzo(k)fluoranthene: RPD value outside the control limits.

Analysis Note for Q19987 MSD Hexachlorobenzene: RPD value outside the control limits.

Analysis Note for Q19987 MSD Phenol: RPD value outside the control limits.

Volatile Analysis

Analysis Note for Q20052 MSD n-Butylbenzene: Matrix interference is suspected.

Metals Analysis

No Anomalies Reported

Wet Lab and Micro Analysis

N/A

Please call if you have any questions relating to this analytical report.

Date Reviewed by:	Paula A. Gilleland	**Project Manager:**	Angela D. Overcash
Signature:	Paula A. Gilleland	**Signature:**	
Review Date:	01/05/07	**Approval Date:**	01/05/07

Data Qualifiers Key Reference:

B: Compound also detected in the method blank.

Notes: This report should not be reproduced, except in its entirety, without the writtten consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.

449 Springbrook Road, P.O. Box 240543, Charlotte NC 28224-0403
Phone: 704/529-6364 Toll Free: 800/529-6364 Fax: 704/529-0409

PRISM
LABORATORIES, INC.

Case Narrative (Revised)

Date:	01/05/07
Company:	Hart & Hickman
Contact:	Kevin Buchanan
Address:	8601 Six Forks Rd. Suite 400 Raleigh, NC 27615

Client Project ID:	500 E. Davie Street
Prism COC Group No:	G1206416
Collection Date(s):	12/13/06
Lab Submittal Date(s):	12/14/06

#: Result outside of the QC limits.
DO: Compound diluted out.
E: Estimated concentration, calibration range exceeded.
J: The analyte was positively identified but the value is estimated below the reporting limit.
H: Estimated concentration with a high bias.
L: Estimated concentration with a low bias.
M: A matrix effect is present.

Notes: This report should not be reproduced, except in its entirety, without the writtten consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.

449 Springbrook Road, P.O. Box 240543, Charlotte NC 28224-0403
Phone: 704/529-6364 Toll Free: 800/529-6364 Fax: 704/529-0409

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 168977
COC Group: G1206416
Time Collected: 12/13/06 16:30
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	**BRL**	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,1,1-Trichloroethane	**BRL**	µg/L	0.50	0.12	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,1,2,2-Tetrachloroethane	**BRL**	µg/L	0.50	0.14	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,1,2-Trichloroethane	**BRL**	µg/L	0.50	0.21	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,1-Dichloroethane	**BRL**	µg/L	0.50	0.14	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,1-Dichloroethene	**BRL**	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,1-Dichloropropene	**BRL**	µg/L	0.50	0.11	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,2,3-Trichlorobenzene	**BRL**	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,2,3-Trichloropropane	**BRL**	µg/L	0.50	0.20	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,2,4-Trichlorobenzene	**BRL**	µg/L	0.50	0.23	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,2,4-Trimethylbenzene	**0.82**	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,2-Dibromo-3-chloropropane	**BRL**	µg/L	5.0	1.7	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,2-Dibromoethane (EDB)	**BRL**	µg/L	0.50	0.11	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,2-Dichlorobenzene	**BRL**	µg/L	0.50	0.080	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,2-Dichloroethane	**BRL**	µg/L	0.50	0.12	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,2-Dichloropropane	**BRL**	µg/L	0.50	0.12	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,3,5-Trimethylbenzene	**0.64**	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,3-Dichlorobenzene	**BRL**	µg/L	0.50	0.17	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,3-Dichloropropane	**BRL**	µg/L	0.50	0.10	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
1,4-Dichlorobenzene	**BRL**	µg/L	0.50	0.17	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
2,2-Dichloropropane	**BRL**	µg/L	0.50	0.29	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
2-Chlorotoluene	**BRL**	µg/L	0.50	0.11	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
4-Chlorotoluene	**BRL**	µg/L	0.50	0.12	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Benzene	**BRL**	µg/L	0.50	0.070	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Bromobenzene	**BRL**	µg/L	0.50	0.10	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Bromochloromethane	**BRL**	µg/L	0.50	0.15	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Bromodichloromethane	**BRL**	µg/L	0.50	0.13	1	SM6210 D	12/21/06 16:42	lwitry	Q20052

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 168977
COC Group: G1206416
Time Collected: 12/13/06 16:30
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	BRL	µg/L	0.50	0.58	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Bromomethane	BRL	µg/L	0.50	0.27	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Carbon tetrachloride	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Chlorobenzene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Chlorodibromomethane	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Chloroethane	BRL	µg/L	0.50	0.13	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Chloroform	BRL	µg/L	0.50	0.060	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Chloromethane	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
cis-1,2-Dichloroethene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Dibromomethane	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Dichlorodifluoromethane	BRL	µg/L	5.0	0.12	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Ethylbenzene	BRL	µg/L	0.50	0.080	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Hexachlorobutadiene	BRL	µg/L	0.50	0.37	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Isopropyl ether (IPE)	BRL	µg/L	0.50	0.23	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Isopropylbenzene	1.3	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
m,p-Xylenes	BRL	µg/L	1.0	0.23	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Methyl t-butyl ether (MTBE)	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Methylene chloride	BRL	µg/L	5.0	0.11	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
n-Butylbenzene	0.72	µg/L	0.50	0.24	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
n-Propylbenzene	0.58	µg/L	0.50	0.10	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Naphthalene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
o-Xylene	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
p-Isopropyltoluene	1.4	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
sec-Butylbenzene	1.8	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Styrene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
tert-Butylbenzene	1.5	µg/L	0.50	0.10	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Tetrachloroethene	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Toluene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:42	lwitry	Q20052

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NC Certification No. 402
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NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 168977
COC Group: G1206416
Time Collected: 12/13/06 16:30
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
trans-1,2-Dichloroethene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Trichloroethene	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Trichlorofluoromethane	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 16:42	lwitry	Q20052
Vinyl chloride	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 16:42	lwitry	Q20052

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	101	60 - 140
Dibromofluoromethane	89	60 - 140
Toluene-d8	100	60 - 140

Semivolatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/L	11	3.6	1	625	12/19/06 17:59	kelliot	Q19987
1,2-Dichlorobenzene	BRL	µg/L	11	3.2	1	625	12/19/06 17:59	kelliot	Q19987
1,3-Dichlorobenzene	BRL	µg/L	11	3.3	1	625	12/19/06 17:59	kelliot	Q19987
1,4-Dichlorobenzene	BRL	µg/L	11	3.4	1	625	12/19/06 17:59	kelliot	Q19987
2,4,5-Trichlorophenol	BRL	µg/L	11	3.2	1	625	12/19/06 17:59	kelliot	Q19987
2,4,6-Trichlorophenol	BRL	µg/L	11	3.4	1	625	12/19/06 17:59	kelliot	Q19987
2,4-Dichlorophenol	BRL	µg/L	11	3.5	1	625	12/19/06 17:59	kelliot	Q19987
2,4-Dimethylphenol	BRL	µg/L	11	3.4	1	625	12/19/06 17:59	kelliot	Q19987
2,4-Dinitrophenol	BRL	µg/L	56	1.4	1	625	12/19/06 17:59	kelliot	Q19987
2,4-Dinitrotoluene	BRL	µg/L	11	1.5	1	625	12/19/06 17:59	kelliot	Q19987
2,6-Dinitrotoluene	BRL	µg/L	11	2.6	1	625	12/19/06 17:59	kelliot	Q19987
2-Chloronaphthalene	BRL	µg/L	11	3.4	1	625	12/19/06 17:59	kelliot	Q19987
2-Chlorophenol	BRL	µg/L	11	3.5	1	625	12/19/06 17:59	kelliot	Q19987
2-Methylphenol	BRL	µg/L	11	3.3	1	625	12/19/06 17:59	kelliot	Q19987
2-Nitrophenol	BRL	µg/L	11	3.5	1	625	12/19/06 17:59	kelliot	Q19987
3&4-Methylphenol	BRL	µg/L	11	3.2	1	625	12/19/06 17:59	kelliot	Q19987
3,3'-Dichlorobenzidine	BRL	µg/L	56	1.4	1	625	12/19/06 17:59	kelliot	Q19987

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Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 168977
COC Group: G1206416
Time Collected: 12/13/06 16:30
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4,6-Dinitro-2-methylphenol	BRL	µg/L	56	0.99	1	625	12/19/06 17:59	kelliot	Q19987
4-Bromophenylphenylether	BRL	µg/L	11	2.1	1	625	12/19/06 17:59	kelliot	Q19987
4-Chloro-3-methylphenol	BRL	µg/L	11	3.0	1	625	12/19/06 17:59	kelliot	Q19987
4-Chlorophenylphenylether	BRL	µg/L	11	3.1	1	625	12/19/06 17:59	kelliot	Q19987
4-Nitrophenol	BRL	µg/L	56	2.1	1	625	12/19/06 17:59	kelliot	Q19987
Acenaphthene	BRL	µg/L	11	3.1	1	625	12/19/06 17:59	kelliot	Q19987
Acenaphthylene	BRL	µg/L	11	3.6	1	625	12/19/06 17:59	kelliot	Q19987
Anthracene	BRL	µg/L	11	1.6	1	625	12/19/06 17:59	kelliot	Q19987
Benzo(a)anthracene	BRL	µg/L	11	1.3	1	625	12/19/06 17:59	kelliot	Q19987
Benzo(a)pyrene	BRL	µg/L	11	1.2	1	625	12/19/06 17:59	kelliot	Q19987
Benzo(b)fluoranthene	BRL	µg/L	11	1.5	1	625	12/19/06 17:59	kelliot	Q19987
Benzo(g,h,i)perylene	BRL	µg/L	11	1.2	1	625	12/19/06 17:59	kelliot	Q19987
Benzo(k)fluoranthene	BRL	µg/L	11	1.4	1	625	12/19/06 17:59	kelliot	Q19987
Bis(2-chloroethoxy)methane	BRL	µg/L	11	3.7	1	625	12/19/06 17:59	kelliot	Q19987
Bis(2-chloroethyl)ether	BRL	µg/L	11	3.3	1	625	12/19/06 17:59	kelliot	Q19987
Bis(2-chloroisopropyl)ether	BRL	µg/L	11	3.6	1	625	12/19/06 17:59	kelliot	Q19987
Bis(2-ethylhexyl)phthalate	BRL	µg/L	11	1.3	1	625	12/19/06 17:59	kelliot	Q19987
Butylbenzylphthalate	BRL	µg/L	11	1.0	1	625	12/19/06 17:59	kelliot	Q19987
Chrysene	BRL	µg/L	11	1.3	1	625	12/19/06 17:59	kelliot	Q19987
Di-n-butylphthalate	BRL	µg/L	11	1.3	1	625	12/19/06 17:59	kelliot	Q19987
Di-n-octylphthalate	BRL	µg/L	11	1.1	1	625	12/19/06 17:59	kelliot	Q19987
Dibenzo(a,h)anthracene	BRL	µg/L	11	0.80	1	625	12/19/06 17:59	kelliot	Q19987
Dibenzofuran	BRL	µg/L	11	3.2	1	625	12/19/06 17:59	kelliot	Q19987
Diethylphthalate	BRL	µg/L	11	2.1	1	625	12/19/06 17:59	kelliot	Q19987
Dimethylphthalate	BRL	µg/L	11	2.3	1	625	12/19/06 17:59	kelliot	Q19987
Fluoranthene	BRL	µg/L	11	1.3	1	625	12/19/06 17:59	kelliot	Q19987
Fluorene	BRL	µg/L	11	3.2	1	625	12/19/06 17:59	kelliot	Q19987
Hexachlorobenzene	BRL	µg/L	11	1.7	1	625	12/19/06 17:59	kelliot	Q19987

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 168977
COC Group: G1206416
Time Collected: 12/13/06 16:30
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachlorobutadiene	**BRL**	µg/L	11	3.7	1	625	12/19/06 17:59	kelliot	Q19987
Hexachlorocyclopentadiene	**BRL**	µg/L	11	3.6	1	625	12/19/06 17:59	kelliot	Q19987
Hexachloroethane	**BRL**	µg/L	11	3.4	1	625	12/19/06 17:59	kelliot	Q19987
Indeno(1,2,3-cd)pyrene	**BRL**	µg/L	11	1.4	1	625	12/19/06 17:59	kelliot	Q19987
Isophorone	**BRL**	µg/L	11	3.3	1	625	12/19/06 17:59	kelliot	Q19987
N-Nitrosodi-n-propylamine	**BRL**	µg/L	11	3.7	1	625	12/19/06 17:59	kelliot	Q19987
Naphthalene	**BRL**	µg/L	11	3.7	1	625	12/19/06 17:59	kelliot	Q19987
Nitrobenzene	**BRL**	µg/L	11	3.4	1	625	12/19/06 17:59	kelliot	Q19987
Pentachlorophenol	**BRL**	µg/L	11	0.59	1	625	12/19/06 17:59	kelliot	Q19987
Phenanthrene	**BRL**	µg/L	11	1.5	1	625	12/19/06 17:59	kelliot	Q19987
Phenol	**BRL**	µg/L	11	2.8	1	625	12/19/06 17:59	kelliot	Q19987
Pyrene	**BRL**	µg/L	11	1.4	1	625	12/19/06 17:59	kelliot	Q19987

Surrogate recovery was outside of the control limits. Matrix interference is suspected.
Severe emulsions were noted during sample extraction.

Sample Preparation: 900 mL / 1 mL 625 12/19/06 10:00 smanivanh P17088

Surrogate	% Recovery	Control Limits
2-Fluorophenol	5 #	10 - 59
Nitrobenzene-d5	75	22 - 103
Phenol-d5	2 #	10 - 48
Terphenyl-d14	89	10 - 154
2,4,6-Tribromophenol	46	27 - 125
2-Fluorobiphenyl	76	29 - 112

TIC's By 625

	Est.Conc	Units
No TICs were detected.		

Metals by ICP

Chromium	**0.049**	mg/L	0.0050	0.0009	1	6010B	12/18/06 21:10	mcampbell	Q19958
Lead	**0.071**	mg/L	0.0050	0.0011	1	6010B	12/18/06 21:10	mcampbell	Q19958

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Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 168977
COC Group: G1206416
Time Collected: 12/13/06 16:30
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			50 mL	/	50 mL	SM3030 C	12/15/06 16:15	mcampbell	P17071

Sample Comment(s):

BRL = Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 168978
COC Group: G1206416
Time Collected: 12/13/06 16:55
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,1,1-Trichloroethane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,1,2,2-Tetrachloroethane	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,1,2-Trichloroethane	BRL	µg/L	0.50	0.21	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,1-Dichloroethane	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,1-Dichloroethene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,1-Dichloropropene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,2,3-Trichlorobenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,2,3-Trichloropropane	BRL	µg/L	0.50	0.20	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,2,4-Trichlorobenzene	BRL	µg/L	0.50	0.23	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,2,4-Trimethylbenzene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,2-Dibromo-3-chloropropane	BRL	µg/L	5.0	1.7	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,2-Dibromoethane (EDB)	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,2-Dichlorobenzene	BRL	µg/L	0.50	0.080	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,2-Dichloroethane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,2-Dichloropropane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,3,5-Trimethylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,3-Dichlorobenzene	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,3-Dichloropropane	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
1,4-Dichlorobenzene	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
2,2-Dichloropropane	BRL	µg/L	0.50	0.29	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
2-Chlorotoluene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
4-Chlorotoluene	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Benzene	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Bromobenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Bromochloromethane	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Bromodichloromethane	BRL	µg/L	0.50	0.13	1	SM6210 D	12/21/06 17:08	lwitry	Q20052

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SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 168978
COC Group: G1206416
Time Collected: 12/13/06 16:55
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	BRL	µg/L	0.50	0.58	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Bromomethane	BRL	µg/L	0.50	0.27	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Carbon tetrachloride	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Chlorobenzene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Chlorodibromomethane	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Chloroethane	BRL	µg/L	0.50	0.13	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Chloroform	BRL	µg/L	0.50	0.060	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Chloromethane	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
cis-1,2-Dichloroethene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Dibromomethane	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Dichlorodifluoromethane	BRL	µg/L	5.0	0.12	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Ethylbenzene	BRL	µg/L	0.50	0.080	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Hexachlorobutadiene	BRL	µg/L	0.50	0.37	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Isopropyl ether (IPE)	BRL	µg/L	0.50	0.23	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Isopropylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
m,p-Xylenes	BRL	µg/L	1.0	0.23	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Methyl t-butyl ether (MTBE)	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Methylene chloride	BRL	µg/L	5.0	0.11	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
n-Butylbenzene	BRL	µg/L	0.50	0.24	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
n-Propylbenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Naphthalene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
o-Xylene	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
p-Isopropyltoluene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
sec-Butylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Styrene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
tert-Butylbenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Tetrachloroethene	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Toluene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:08	lwitry	Q20052

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 168978
COC Group: G1206416
Time Collected: 12/13/06 16:55
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
trans-1,2-Dichloroethene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Trichloroethene	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Trichlorofluoromethane	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 17:08	lwitry	Q20052
Vinyl chloride	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:08	lwitry	Q20052

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	106	60 - 140
Dibromofluoromethane	99	60 - 140
Toluene-d8	110	60 - 140

Semivolatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/L	11	3.6	1	625	12/19/06 20:30	kelliot	Q19987
1,2-Dichlorobenzene	BRL	µg/L	11	3.2	1	625	12/19/06 20:30	kelliot	Q19987
1,3-Dichlorobenzene	BRL	µg/L	11	3.3	1	625	12/19/06 20:30	kelliot	Q19987
1,4-Dichlorobenzene	BRL	µg/L	11	3.4	1	625	12/19/06 20:30	kelliot	Q19987
2,4,5-Trichlorophenol	BRL	µg/L	11	3.2	1	625	12/19/06 20:30	kelliot	Q19987
2,4,6-Trichlorophenol	BRL	µg/L	11	3.4	1	625	12/19/06 20:30	kelliot	Q19987
2,4-Dichlorophenol	BRL	µg/L	11	3.5	1	625	12/19/06 20:30	kelliot	Q19987
2,4-Dimethylphenol	BRL	µg/L	11	3.4	1	625	12/19/06 20:30	kelliot	Q19987
2,4-Dinitrophenol	BRL	µg/L	56	1.4	1	625	12/19/06 20:30	kelliot	Q19987
2,4-Dinitrotoluene	BRL	µg/L	11	1.5	1	625	12/19/06 20:30	kelliot	Q19987
2,6-Dinitrotoluene	BRL	µg/L	11	2.6	1	625	12/19/06 20:30	kelliot	Q19987
2-Chloronaphthalene	BRL	µg/L	11	3.4	1	625	12/19/06 20:30	kelliot	Q19987
2-Chlorophenol	BRL	µg/L	11	3.5	1	625	12/19/06 20:30	kelliot	Q19987
2-Methylphenol	BRL	µg/L	11	3.3	1	625	12/19/06 20:30	kelliot	Q19987
2-Nitrophenol	BRL	µg/L	11	3.5	1	625	12/19/06 20:30	kelliot	Q19987
3&4-Methylphenol	BRL	µg/L	11	3.2	1	625	12/19/06 20:30	kelliot	Q19987
3,3'-Dichlorobenzidine	BRL	µg/L	56	1.4	1	625	12/19/06 20:30	kelliot	Q19987

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Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 168978
COC Group: G1206416
Time Collected: 12/13/06 16:55
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4,6-Dinitro-2-methylphenol	BRL	µg/L	56	0.99	1	625	12/19/06 20:30	kelliot	Q19987
4-Bromophenylphenylether	BRL	µg/L	11	2.1	1	625	12/19/06 20:30	kelliot	Q19987
4-Chloro-3-methylphenol	BRL	µg/L	11	3.0	1	625	12/19/06 20:30	kelliot	Q19987
4-Chlorophenylphenylether	BRL	µg/L	11	3.1	1	625	12/19/06 20:30	kelliot	Q19987
4-Nitrophenol	BRL	µg/L	56	2.1	1	625	12/19/06 20:30	kelliot	Q19987
Acenaphthene	BRL	µg/L	11	3.1	1	625	12/19/06 20:30	kelliot	Q19987
Acenaphthylene	BRL	µg/L	11	3.6	1	625	12/19/06 20:30	kelliot	Q19987
Anthracene	BRL	µg/L	11	1.6	1	625	12/19/06 20:30	kelliot	Q19987
Benzo(a)anthracene	BRL	µg/L	11	1.3	1	625	12/19/06 20:30	kelliot	Q19987
Benzo(a)pyrene	BRL	µg/L	11	1.2	1	625	12/19/06 20:30	kelliot	Q19987
Benzo(b)fluoranthene	BRL	µg/L	11	1.5	1	625	12/19/06 20:30	kelliot	Q19987
Benzo(g,h,i)perylene	BRL	µg/L	11	1.2	1	625	12/19/06 20:30	kelliot	Q19987
Benzo(k)fluoranthene	BRL	µg/L	11	1.4	1	625	12/19/06 20:30	kelliot	Q19987
Bis(2-chloroethoxy)methane	BRL	µg/L	11	3.7	1	625	12/19/06 20:30	kelliot	Q19987
Bis(2-chloroethyl)ether	BRL	µg/L	11	3.3	1	625	12/19/06 20:30	kelliot	Q19987
Bis(2-chloroisopropyl)ether	BRL	µg/L	11	3.6	1	625	12/19/06 20:30	kelliot	Q19987
Bis(2-ethylhexyl)phthalate	BRL	µg/L	11	1.3	1	625	12/19/06 20:30	kelliot	Q19987
Butylbenzylphthalate	BRL	µg/L	11	1.0	1	625	12/19/06 20:30	kelliot	Q19987
Chrysene	BRL	µg/L	11	1.3	1	625	12/19/06 20:30	kelliot	Q19987
Di-n-butylphthalate	BRL	µg/L	11	1.3	1	625	12/19/06 20:30	kelliot	Q19987
Di-n-octylphthalate	BRL	µg/L	11	1.1	1	625	12/19/06 20:30	kelliot	Q19987
Dibenzo(a,h)anthracene	BRL	µg/L	11	0.80	1	625	12/19/06 20:30	kelliot	Q19987
Dibenzofuran	BRL	µg/L	11	3.2	1	625	12/19/06 20:30	kelliot	Q19987
Diethylphthalate	BRL	µg/L	11	2.1	1	625	12/19/06 20:30	kelliot	Q19987
Dimethylphthalate	BRL	µg/L	11	2.3	1	625	12/19/06 20:30	kelliot	Q19987
Fluoranthene	BRL	µg/L	11	1.3	1	625	12/19/06 20:30	kelliot	Q19987
Fluorene	BRL	µg/L	11	3.2	1	625	12/19/06 20:30	kelliot	Q19987
Hexachlorobenzene	BRL	µg/L	11	1.7	1	625	12/19/06 20:30	kelliot	Q19987

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Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 168978
COC Group: G1206416
Time Collected: 12/13/06 16:55
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachlorobutadiene	BRL	µg/L	11	3.7	1	625	12/19/06 20:30	kelliot	Q19987
Hexachlorocyclopentadiene	BRL	µg/L	11	3.6	1	625	12/19/06 20:30	kelliot	Q19987
Hexachloroethane	BRL	µg/L	11	3.4	1	625	12/19/06 20:30	kelliot	Q19987
Indeno(1,2,3-cd)pyrene	BRL	µg/L	11	1.4	1	625	12/19/06 20:30	kelliot	Q19987
Isophorone	BRL	µg/L	11	3.3	1	625	12/19/06 20:30	kelliot	Q19987
N-Nitrosodi-n-propylamine	BRL	µg/L	11	3.7	1	625	12/19/06 20:30	kelliot	Q19987
Naphthalene	BRL	µg/L	11	3.7	1	625	12/19/06 20:30	kelliot	Q19987
Nitrobenzene	BRL	µg/L	11	3.4	1	625	12/19/06 20:30	kelliot	Q19987
Pentachlorophenol	BRL	µg/L	11	0.59	1	625	12/19/06 20:30	kelliot	Q19987
Phenanthrene	BRL	µg/L	11	1.5	1	625	12/19/06 20:30	kelliot	Q19987
Phenol	BRL	µg/L	11	2.8	1	625	12/19/06 20:30	kelliot	Q19987
Pyrene	BRL	µg/L	11	1.4	1	625	12/19/06 20:30	kelliot	Q19987

Surrogate recovery was outside of the control limits. Matrix interference is suspected.
Severe emulsions were noted during sample extraction.

Sample Preparation:	900 mL / 1 mL	625	12/19/06 10:00	smanivanh	P17088

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	35	27 - 125
2-Fluorobiphenyl	81	29 - 112
2-Fluorophenol	4 #	10 - 59
Nitrobenzene-d5	75	22 - 103
Phenol-d5	1 #	10 - 48
Terphenyl-d14	100	10 - 154

TIC's By 625	Est.Conc	Units
Unknown	22	µg/L

Metals by ICP

Chromium	0.0014 J	mg/L	0.0050	0.0009	1	6010B	12/18/06 20:49	mcampbell	Q19958
Lead	0.0012 J	mg/L	0.0050	0.0011	1	6010B	12/18/06 20:49	mcampbell	Q19958

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Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 168978
COC Group: G1206416
Time Collected: 12/13/06 16:55
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			50 mL	/	50 mL	SM3030 C	12/15/06 16:15	mcampbell	P17071

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-5
Prism Sample ID: 168979
COC Group: G1206416
Time Collected: 12/13/06 15:15
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,1,1-Trichloroethane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,1,2,2-Tetrachloroethane	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,1,2-Trichloroethane	BRL	µg/L	0.50	0.21	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,1-Dichloroethane	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,1-Dichloroethene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,1-Dichloropropene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,2,3-Trichlorobenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,2,3-Trichloropropane	BRL	µg/L	0.50	0.20	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,2,4-Trichlorobenzene	BRL	µg/L	0.50	0.23	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,2,4-Trimethylbenzene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,2-Dibromo-3-chloropropane	BRL	µg/L	5.0	1.7	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,2-Dibromoethane (EDB)	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,2-Dichlorobenzene	BRL	µg/L	0.50	0.080	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,2-Dichloroethane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,2-Dichloropropane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,3,5-Trimethylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,3-Dichlorobenzene	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,3-Dichloropropane	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
1,4-Dichlorobenzene	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
2,2-Dichloropropane	BRL	µg/L	0.50	0.29	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
2-Chlorotoluene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
4-Chlorotoluene	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Benzene	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Bromobenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Bromochloromethane	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Bromodichloromethane	BRL	µg/L	0.50	0.13	1	SM6210 D	12/21/06 17:33	lwitry	Q20052

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01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-5
Prism Sample ID: 168979
COC Group: G1206416
Time Collected: 12/13/06 15:15
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	BRL	µg/L	0.50	0.58	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Bromomethane	BRL	µg/L	0.50	0.27	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Carbon tetrachloride	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Chlorobenzene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Chlorodibromomethane	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Chloroethane	BRL	µg/L	0.50	0.13	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Chloroform	BRL	µg/L	0.50	0.060	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Chloromethane	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
cis-1,2-Dichloroethene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Dibromomethane	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Dichlorodifluoromethane	BRL	µg/L	5.0	0.12	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Ethylbenzene	BRL	µg/L	0.50	0.080	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Hexachlorobutadiene	BRL	µg/L	0.50	0.37	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Isopropyl ether (IPE)	BRL	µg/L	0.50	0.23	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Isopropylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
m,p-Xylenes	BRL	µg/L	1.0	0.23	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Methyl t-butyl ether (MTBE)	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Methylene chloride	BRL	µg/L	5.0	0.11	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
n-Butylbenzene	BRL	µg/L	0.50	0.24	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
n-Propylbenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Naphthalene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
o-Xylene	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
p-Isopropyltoluene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
sec-Butylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Styrene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
tert-Butylbenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Tetrachloroethene	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Toluene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:33	lwitry	Q20052

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-5
Prism Sample ID: 168979
COC Group: G1206416
Time Collected: 12/13/06 15:15
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
trans-1,2-Dichloroethene	**BRL**	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Trichloroethene	**BRL**	µg/L	0.50	0.15	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Trichlorofluoromethane	**BRL**	µg/L	0.50	0.15	1	SM6210 D	12/21/06 17:33	lwitry	Q20052
Vinyl chloride	**BRL**	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:33	lwitry	Q20052

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	109	60 - 140
Dibromofluoromethane	97	60 - 140
Toluene-d8	108	60 - 140

Semivolatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/L	11	3.6	1	625	12/19/06 21:21	kelliot	Q19987
1,2-Dichlorobenzene	**BRL**	µg/L	11	3.2	1	625	12/19/06 21:21	kelliot	Q19987
1,3-Dichlorobenzene	**BRL**	µg/L	11	3.3	1	625	12/19/06 21:21	kelliot	Q19987
1,4-Dichlorobenzene	**BRL**	µg/L	11	3.4	1	625	12/19/06 21:21	kelliot	Q19987
2,4,5-Trichlorophenol	**BRL**	µg/L	11	3.2	1	625	12/19/06 21:21	kelliot	Q19987
2,4,6-Trichlorophenol	**BRL**	µg/L	11	3.4	1	625	12/19/06 21:21	kelliot	Q19987
2,4-Dichlorophenol	**BRL**	µg/L	11	3.5	1	625	12/19/06 21:21	kelliot	Q19987
2,4-Dimethylphenol	**BRL**	µg/L	11	3.4	1	625	12/19/06 21:21	kelliot	Q19987
2,4-Dinitrophenol	**BRL**	µg/L	56	1.4	1	625	12/19/06 21:21	kelliot	Q19987
2,4-Dinitrotoluene	**BRL**	µg/L	11	1.5	1	625	12/19/06 21:21	kelliot	Q19987
2,6-Dinitrotoluene	**BRL**	µg/L	11	2.6	1	625	12/19/06 21:21	kelliot	Q19987
2-Chloronaphthalene	**BRL**	µg/L	11	3.4	1	625	12/19/06 21:21	kelliot	Q19987
2-Chlorophenol	**BRL**	µg/L	11	3.5	1	625	12/19/06 21:21	kelliot	Q19987
2-Methylphenol	**BRL**	µg/L	11	3.3	1	625	12/19/06 21:21	kelliot	Q19987
2-Nitrophenol	**BRL**	µg/L	11	3.5	1	625	12/19/06 21:21	kelliot	Q19987
3&4-Methylphenol	**BRL**	µg/L	11	3.2	1	625	12/19/06 21:21	kelliot	Q19987
3,3'-Dichlorobenzidine	**BRL**	µg/L	56	1.4	1	625	12/19/06 21:21	kelliot	Q19987

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Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-5
Prism Sample ID: 168979
COC Group: G1206416
Time Collected: 12/13/06 15:15
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4,6-Dinitro-2-methylphenol	BRL	µg/L	56	0.99	1	625	12/19/06 21:21	kelliot	Q19987
4-Bromophenylphenylether	BRL	µg/L	11	2.1	1	625	12/19/06 21:21	kelliot	Q19987
4-Chloro-3-methylphenol	BRL	µg/L	11	3.0	1	625	12/19/06 21:21	kelliot	Q19987
4-Chlorophenylphenylether	BRL	µg/L	11	3.1	1	625	12/19/06 21:21	kelliot	Q19987
4-Nitrophenol	BRL	µg/L	56	2.1	1	625	12/19/06 21:21	kelliot	Q19987
Acenaphthene	BRL	µg/L	11	3.1	1	625	12/19/06 21:21	kelliot	Q19987
Acenaphthylene	BRL	µg/L	11	3.6	1	625	12/19/06 21:21	kelliot	Q19987
Anthracene	BRL	µg/L	11	1.6	1	625	12/19/06 21:21	kelliot	Q19987
Benzo(a)anthracene	BRL	µg/L	11	1.3	1	625	12/19/06 21:21	kelliot	Q19987
Benzo(a)pyrene	BRL	µg/L	11	1.2	1	625	12/19/06 21:21	kelliot	Q19987
Benzo(b)fluoranthene	BRL	µg/L	11	1.5	1	625	12/19/06 21:21	kelliot	Q19987
Benzo(g,h,i)perylene	BRL	µg/L	11	1.2	1	625	12/19/06 21:21	kelliot	Q19987
Benzo(k)fluoranthene	BRL	µg/L	11	1.4	1	625	12/19/06 21:21	kelliot	Q19987
Bis(2-chloroethoxy)methane	BRL	µg/L	11	3.7	1	625	12/19/06 21:21	kelliot	Q19987
Bis(2-chloroethyl)ether	BRL	µg/L	11	3.3	1	625	12/19/06 21:21	kelliot	Q19987
Bis(2-chloroisopropyl)ether	BRL	µg/L	11	3.6	1	625	12/19/06 21:21	kelliot	Q19987
Bis(2-ethylhexyl)phthalate	BRL	µg/L	11	1.3	1	625	12/19/06 21:21	kelliot	Q19987
Butylbenzylphthalate	BRL	µg/L	11	1.0	1	625	12/19/06 21:21	kelliot	Q19987
Chrysene	BRL	µg/L	11	1.3	1	625	12/19/06 21:21	kelliot	Q19987
Di-n-butylphthalate	BRL	µg/L	11	1.3	1	625	12/19/06 21:21	kelliot	Q19987
Di-n-octylphthalate	BRL	µg/L	11	1.1	1	625	12/19/06 21:21	kelliot	Q19987
Dibenzo(a,h)anthracene	BRL	µg/L	11	0.80	1	625	12/19/06 21:21	kelliot	Q19987
Dibenzofuran	BRL	µg/L	11	3.2	1	625	12/19/06 21:21	kelliot	Q19987
Diethylphthalate	BRL	µg/L	11	2.1	1	625	12/19/06 21:21	kelliot	Q19987
Dimethylphthalate	BRL	µg/L	11	2.3	1	625	12/19/06 21:21	kelliot	Q19987
Fluoranthene	BRL	µg/L	11	1.3	1	625	12/19/06 21:21	kelliot	Q19987
Fluorene	BRL	µg/L	11	3.2	1	625	12/19/06 21:21	kelliot	Q19987
Hexachlorobenzene	BRL	µg/L	11	1.7	1	625	12/19/06 21:21	kelliot	Q19987

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NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-5
Prism Sample ID: 168979
COC Group: G1206416
Time Collected: 12/13/06 15:15
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachlorobutadiene	BRL	µg/L	11	3.7	1	625	12/19/06 21:21	kelliot	Q19987
Hexachlorocyclopentadiene	BRL	µg/L	11	3.6	1	625	12/19/06 21:21	kelliot	Q19987
Hexachloroethane	BRL	µg/L	11	3.4	1	625	12/19/06 21:21	kelliot	Q19987
Indeno(1,2,3-cd)pyrene	BRL	µg/L	11	1.4	1	625	12/19/06 21:21	kelliot	Q19987
Isophorone	BRL	µg/L	11	3.3	1	625	12/19/06 21:21	kelliot	Q19987
N-Nitrosodi-n-propylamine	BRL	µg/L	11	3.7	1	625	12/19/06 21:21	kelliot	Q19987
Naphthalene	BRL	µg/L	11	3.7	1	625	12/19/06 21:21	kelliot	Q19987
Nitrobenzene	BRL	µg/L	11	3.4	1	625	12/19/06 21:21	kelliot	Q19987
Pentachlorophenol	BRL	µg/L	11	0.59	1	625	12/19/06 21:21	kelliot	Q19987
Phenanthrene	BRL	µg/L	11	1.5	1	625	12/19/06 21:21	kelliot	Q19987
Phenol	BRL	µg/L	11	2.8	1	625	12/19/06 21:21	kelliot	Q19987
Pyrene	BRL	µg/L	11	1.4	1	625	12/19/06 21:21	kelliot	Q19987
Sample Preparation:			900 mL /		1 mL	625	12/19/06 10:00	smanivanh	P17088

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	58	27 - 125
2-Fluorobiphenyl	79	29 - 112
2-Fluorophenol	19	10 - 59
Nitrobenzene-d5	78	22 - 103
Phenol-d5	12	10 - 48
Terphenyl-d14	103	10 - 154

TIC's By 625	Est.Conc	Units
No TICs were detected.		

Metals by ICP

Chromium	0.0027 J	mg/L	0.0050	0.0009	1	6010B	12/18/06 21:17	mcampbell	Q19958
Lead	0.0043 J	mg/L	0.0050	0.0011	1	6010B	12/18/06 21:17	mcampbell	Q19958
Sample Preparation:			50 mL /		50 mL	SM3030 C	12/15/06 16:15	mcampbell	P17071

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NC Drinking Water Cert. No. 37735

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: MW-5
Prism Sample ID: 168979
COC Group: G1206416
Time Collected: 12/13/06 15:15
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: BOILER ROOM
Prism Sample ID: 168980
COC Group: G1206416
Time Collected: 12/13/06 15:00
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,1,1-Trichloroethane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,1,2,2-Tetrachloroethane	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,1,2-Trichloroethane	BRL	µg/L	0.50	0.21	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,1-Dichloroethane	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,1-Dichloroethene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,1-Dichloropropene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,2,3-Trichlorobenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,2,3-Trichloropropane	BRL	µg/L	0.50	0.20	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,2,4-Trichlorobenzene	BRL	µg/L	0.50	0.23	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,2,4-Trimethylbenzene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,2-Dibromo-3-chloropropane	BRL	µg/L	5.0	1.7	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,2-Dibromoethane (EDB)	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,2-Dichlorobenzene	BRL	µg/L	0.50	0.080	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,2-Dichloroethane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,2-Dichloropropane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,3,5-Trimethylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,3-Dichlorobenzene	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,3-Dichloropropane	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
1,4-Dichlorobenzene	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
2,2-Dichloropropane	BRL	µg/L	0.50	0.29	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
2-Chlorotoluene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
4-Chlorotoluene	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Benzene	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Bromobenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Bromochloromethane	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Bromodichloromethane	BRL	µg/L	0.50	0.13	1	SM6210 D	12/21/06 17:58	lwitry	Q20052

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Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: BOILER ROOM
Prism Sample ID: 168980
COC Group: G1206416
Time Collected: 12/13/06 15:00
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	BRL	µg/L	0.50	0.58	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Bromomethane	BRL	µg/L	0.50	0.27	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Carbon tetrachloride	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Chlorobenzene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Chlorodibromomethane	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Chloroethane	BRL	µg/L	0.50	0.13	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Chloroform	BRL	µg/L	0.50	0.060	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Chloromethane	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
cis-1,2-Dichloroethene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Dibromomethane	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Dichlorodifluoromethane	BRL	µg/L	5.0	0.12	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Ethylbenzene	BRL	µg/L	0.50	0.080	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Hexachlorobutadiene	BRL	µg/L	0.50	0.37	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Isopropyl ether (IPE)	BRL	µg/L	0.50	0.23	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Isopropylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
m,p-Xylenes	BRL	µg/L	1.0	0.23	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Methyl t-butyl ether (MTBE)	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Methylene chloride	BRL	µg/L	5.0	0.11	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
n-Butylbenzene	BRL	µg/L	0.50	0.24	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
n-Propylbenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Naphthalene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
o-Xylene	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
p-Isopropyltoluene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
sec-Butylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Styrene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
tert-Butylbenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Tetrachloroethene	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Toluene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 17:58	lwitry	Q20052

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: BOILER ROOM
Prism Sample ID: 168980
COC Group: G1206416
Time Collected: 12/13/06 15:00
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
trans-1,2-Dichloroethene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Trichloroethene	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Trichlorofluoromethane	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 17:58	lwitry	Q20052
Vinyl chloride	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 17:58	lwitry	Q20052

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	113	60 - 140
Dibromofluoromethane	105	60 - 140
Toluene-d8	115	60 - 140

Semivolatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/L	9.7	3.2	1	625	12/19/06 22:11	kelliot	Q19987
1,2-Dichlorobenzene	BRL	µg/L	9.7	2.8	1	625	12/19/06 22:11	kelliot	Q19987
1,3-Dichlorobenzene	BRL	µg/L	9.7	2.9	1	625	12/19/06 22:11	kelliot	Q19987
1,4-Dichlorobenzene	BRL	µg/L	9.7	3.0	1	625	12/19/06 22:11	kelliot	Q19987
2,4,5-Trichlorophenol	BRL	µg/L	9.7	2.8	1	625	12/19/06 22:11	kelliot	Q19987
2,4,6-Trichlorophenol	BRL	µg/L	9.7	2.9	1	625	12/19/06 22:11	kelliot	Q19987
2,4-Dichlorophenol	BRL	µg/L	9.7	3.1	1	625	12/19/06 22:11	kelliot	Q19987
2,4-Dimethylphenol	BRL	µg/L	9.7	2.9	1	625	12/19/06 22:11	kelliot	Q19987
2,4-Dinitrophenol	BRL	µg/L	49	1.2	1	625	12/19/06 22:11	kelliot	Q19987
2,4-Dinitrotoluene	BRL	µg/L	9.7	1.3	1	625	12/19/06 22:11	kelliot	Q19987
2,6-Dinitrotoluene	BRL	µg/L	9.7	2.3	1	625	12/19/06 22:11	kelliot	Q19987
2-Chloronaphthalene	BRL	µg/L	9.7	3.0	1	625	12/19/06 22:11	kelliot	Q19987
2-Chlorophenol	BRL	µg/L	9.7	3.1	1	625	12/19/06 22:11	kelliot	Q19987
2-Methylphenol	BRL	µg/L	9.7	2.9	1	625	12/19/06 22:11	kelliot	Q19987
2-Nitrophenol	BRL	µg/L	9.7	3.1	1	625	12/19/06 22:11	kelliot	Q19987
3&4-Methylphenol	BRL	µg/L	9.7	2.8	1	625	12/19/06 22:11	kelliot	Q19987
3,3'-Dichlorobenzidine	BRL	µg/L	49	1.2	1	625	12/19/06 22:11	kelliot	Q19987

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NC Certification No. 402
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NC Drinking Water Cert. No. 37735

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: BOILER ROOM
Prism Sample ID: 168980
COC Group: G1206416
Time Collected: 12/13/06 15:00
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4,6-Dinitro-2-methylphenol	BRL	µg/L	49	0.86	1	625	12/19/06 22:11	kelliot	Q19987
4-Bromophenylphenylether	BRL	µg/L	9.7	1.9	1	625	12/19/06 22:11	kelliot	Q19987
4-Chloro-3-methylphenol	BRL	µg/L	9.7	2.6	1	625	12/19/06 22:11	kelliot	Q19987
4-Chlorophenylphenylether	BRL	µg/L	9.7	2.7	1	625	12/19/06 22:11	kelliot	Q19987
4-Nitrophenol	BRL	µg/L	49	1.8	1	625	12/19/06 22:11	kelliot	Q19987
Acenaphthene	BRL	µg/L	9.7	2.7	1	625	12/19/06 22:11	kelliot	Q19987
Acenaphthylene	BRL	µg/L	9.7	3.1	1	625	12/19/06 22:11	kelliot	Q19987
Anthracene	BRL	µg/L	9.7	1.4	1	625	12/19/06 22:11	kelliot	Q19987
Benzo(a)anthracene	BRL	µg/L	9.7	1.2	1	625	12/19/06 22:11	kelliot	Q19987
Benzo(a)pyrene	BRL	µg/L	9.7	1.1	1	625	12/19/06 22:11	kelliot	Q19987
Benzo(b)fluoranthene	BRL	µg/L	9.7	1.3	1	625	12/19/06 22:11	kelliot	Q19987
Benzo(g,h,i)perylene	BRL	µg/L	9.7	1.0	1	625	12/19/06 22:11	kelliot	Q19987
Benzo(k)fluoranthene	BRL	µg/L	9.7	1.2	1	625	12/19/06 22:11	kelliot	Q19987
Bis(2-chloroethoxy)methane	BRL	µg/L	9.7	3.2	1	625	12/19/06 22:11	kelliot	Q19987
Bis(2-chloroethyl)ether	BRL	µg/L	9.7	2.9	1	625	12/19/06 22:11	kelliot	Q19987
Bis(2-chloroisopropyl)ether	BRL	µg/L	9.7	3.1	1	625	12/19/06 22:11	kelliot	Q19987
Bis(2-ethylhexyl)phthalate	BRL	µg/L	9.7	1.2	1	625	12/19/06 22:11	kelliot	Q19987
Butylbenzylphthalate	BRL	µg/L	9.7	0.91	1	625	12/19/06 22:11	kelliot	Q19987
Chrysene	BRL	µg/L	9.7	1.1	1	625	12/19/06 22:11	kelliot	Q19987
Di-n-butylphthalate	BRL	µg/L	9.7	1.1	1	625	12/19/06 22:11	kelliot	Q19987
Di-n-octylphthalate	BRL	µg/L	9.7	1.0	1	625	12/19/06 22:11	kelliot	Q19987
Dibenzo(a,h)anthracene	BRL	µg/L	9.7	0.70	1	625	12/19/06 22:11	kelliot	Q19987
Dibenzofuran	BRL	µg/L	9.7	2.8	1	625	12/19/06 22:11	kelliot	Q19987
Diethylphthalate	BRL	µg/L	9.7	1.8	1	625	12/19/06 22:11	kelliot	Q19987
Dimethylphthalate	BRL	µg/L	9.7	2.0	1	625	12/19/06 22:11	kelliot	Q19987
Fluoranthene	BRL	µg/L	9.7	1.2	1	625	12/19/06 22:11	kelliot	Q19987
Fluorene	BRL	µg/L	9.7	2.8	1	625	12/19/06 22:11	kelliot	Q19987
Hexachlorobenzene	BRL	µg/L	9.7	1.5	1	625	12/19/06 22:11	kelliot	Q19987

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Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: BOILER ROOM
Prism Sample ID: 168980
COC Group: G1206416
Time Collected: 12/13/06 15:00
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachlorobutadiene	BRL	µg/L	9.7	3.2	1	625	12/19/06 22:11	kelliot	Q19987
Hexachlorocyclopentadiene	BRL	µg/L	9.7	3.2	1	625	12/19/06 22:11	kelliot	Q19987
Hexachloroethane	BRL	µg/L	9.7	3.0	1	625	12/19/06 22:11	kelliot	Q19987
Indeno(1,2,3-cd)pyrene	BRL	µg/L	9.7	1.3	1	625	12/19/06 22:11	kelliot	Q19987
Isophorone	BRL	µg/L	9.7	2.9	1	625	12/19/06 22:11	kelliot	Q19987
N-Nitrosodi-n-propylamine	BRL	µg/L	9.7	3.2	1	625	12/19/06 22:11	kelliot	Q19987
Naphthalene	BRL	µg/L	9.7	3.2	1	625	12/19/06 22:11	kelliot	Q19987
Nitrobenzene	BRL	µg/L	9.7	3.0	1	625	12/19/06 22:11	kelliot	Q19987
Pentachlorophenol	BRL	µg/L	9.7	0.51	1	625	12/19/06 22:11	kelliot	Q19987
Phenanthrene	BRL	µg/L	9.7	1.3	1	625	12/19/06 22:11	kelliot	Q19987
Phenol	BRL	µg/L	9.7	2.5	1	625	12/19/06 22:11	kelliot	Q19987
Pyrene	BRL	µg/L	9.7	1.3	1	625	12/19/06 22:11	kelliot	Q19987
Sample Preparation:			1030 mL /		1 mL	625	12/19/06 10:00	smanivanh	P17088

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	69	27 - 125
2-Fluorobiphenyl	62	29 - 112
2-Fluorophenol	23	10 - 59
Nitrobenzene-d5	68	22 - 103
Phenol-d5	12	10 - 48
Terphenyl-d14	85	10 - 154

TIC's By 625	Est.Conc	Units
No TICs were detected.		

Metals by ICP

Chromium	0.0013 J	mg/L	0.0050	0.0009	1	6010B	12/18/06 21:24	mcampbell	Q19958
Lead	0.025	mg/L	0.0050	0.0011	1	6010B	12/18/06 21:24	mcampbell	Q19958
Sample Preparation:			50 mL /		50 mL	SM3030 C	12/15/06 16:15	mcampbell	P17071

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Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: BOILER ROOM
Prism Sample ID: 168980
COC Group: G1206416
Time Collected: 12/13/06 15:00
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: DUPLICATE
Prism Sample ID: 168981
COC Group: G1206416
Time Collected: 12/13/06 16:30
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,1,1-Trichloroethane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,1,2,2-Tetrachloroethane	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,1,2-Trichloroethane	BRL	µg/L	0.50	0.21	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,1-Dichloroethane	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,1-Dichloroethene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,1-Dichloropropene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,2,3-Trichlorobenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,2,3-Trichloropropane	BRL	µg/L	0.50	0.20	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,2,4-Trichlorobenzene	BRL	µg/L	0.50	0.23	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,2,4-Trimethylbenzene	1.1	µg/L	0.50	0.090	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,2-Dibromo-3-chloropropane	BRL	µg/L	5.0	1.7	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,2-Dibromoethane (EDB)	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,2-Dichlorobenzene	BRL	µg/L	0.50	0.080	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,2-Dichloroethane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,2-Dichloropropane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,3,5-Trimethylbenzene	0.84	µg/L	0.50	0.16	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,3-Dichlorobenzene	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,3-Dichloropropane	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
1,4-Dichlorobenzene	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
2,2-Dichloropropane	BRL	µg/L	0.50	0.29	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
2-Chlorotoluene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
4-Chlorotoluene	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Benzene	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Bromobenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Bromochloromethane	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Bromodichloromethane	BRL	µg/L	0.50	0.13	1	SM6210 D	12/21/06 18:24	lwitry	Q20052

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Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: DUPLICATE
Prism Sample ID: 168981
COC Group: G1206416
Time Collected: 12/13/06 16:30
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	**BRL**	µg/L	0.50	0.58	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Bromomethane	**BRL**	µg/L	0.50	0.27	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Carbon tetrachloride	**BRL**	µg/L	0.50	0.090	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Chlorobenzene	**BRL**	µg/L	0.50	0.090	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Chlorodibromomethane	**BRL**	µg/L	0.50	0.16	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Chloroethane	**BRL**	µg/L	0.50	0.13	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Chloroform	**BRL**	µg/L	0.50	0.060	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Chloromethane	**BRL**	µg/L	0.50	0.070	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
cis-1,2-Dichloroethene	**BRL**	µg/L	0.50	0.16	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Dibromomethane	**BRL**	µg/L	0.50	0.17	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Dichlorodifluoromethane	**BRL**	µg/L	5.0	0.12	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Ethylbenzene	**BRL**	µg/L	0.50	0.080	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Hexachlorobutadiene	**BRL**	µg/L	0.50	0.37	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Isopropyl ether (IPE)	**BRL**	µg/L	0.50	0.23	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Isopropylbenzene	**1.4**	µg/L	0.50	0.16	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
m,p-Xylenes	**BRL**	µg/L	1.0	0.23	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Methyl t-butyl ether (MTBE)	**BRL**	µg/L	0.50	0.12	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Methylene chloride	**BRL**	µg/L	5.0	0.11	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
n-Butylbenzene	**0.73**	µg/L	0.50	0.24	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
n-Propylbenzene	**0.73**	µg/L	0.50	0.10	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Naphthalene	**BRL**	µg/L	0.50	0.090	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
o-Xylene	**BRL**	µg/L	0.50	0.070	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
p-Isopropyltoluene	**1.6**	µg/L	0.50	0.16	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
sec-Butylbenzene	**2.1**	µg/L	0.50	0.16	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Styrene	**BRL**	µg/L	0.50	0.11	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
tert-Butylbenzene	**1.6**	µg/L	0.50	0.10	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Tetrachloroethene	**BRL**	µg/L	0.50	0.14	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Toluene	**BRL**	µg/L	0.50	0.16	1	SM6210 D	12/21/06 18:24	lwitry	Q20052

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: DUPLICATE
Prism Sample ID: 168981
COC Group: G1206416
Time Collected: 12/13/06 16:30
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
trans-1,2-Dichloroethene	**BRL**	µg/L	0.50	0.090	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Trichloroethene	**BRL**	µg/L	0.50	0.15	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Trichlorofluoromethane	**BRL**	µg/L	0.50	0.15	1	SM6210 D	12/21/06 18:24	lwitry	Q20052
Vinyl chloride	**BRL**	µg/L	0.50	0.11	1	SM6210 D	12/21/06 18:24	lwitry	Q20052

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	112	60 - 140
Dibromofluoromethane	94	60 - 140
Toluene-d8	109	60 - 140

Metals by ICP

Chromium	**0.081**	mg/L	0.0050	0.0009	1	6010B	12/18/06 21:30	mcampbell	Q19958
Lead	**0.17**	mg/L	0.0050	0.0011	1	6010B	12/18/06 21:30	mcampbell	Q19958
Sample Preparation:			50 mL /		50 mL	SM3030 C	12/15/06 16:15	mcampbell	P17071

Sample Comment(s):

BRL = Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL.
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: TB
Prism Sample ID: 168983
COC Group: G1206416
Time Collected: 12/13/06
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,1,1-Trichloroethane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,1,2,2-Tetrachloroethane	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,1,2-Trichloroethane	BRL	µg/L	0.50	0.21	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,1-Dichloroethane	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,1-Dichloroethene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,1-Dichloropropene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,2,3-Trichlorobenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,2,3-Trichloropropane	BRL	µg/L	0.50	0.20	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,2,4-Trichlorobenzene	BRL	µg/L	0.50	0.23	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,2,4-Trimethylbenzene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,2-Dibromo-3-chloropropane	BRL	µg/L	5.0	1.7	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,2-Dibromoethane (EDB)	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,2-Dichlorobenzene	BRL	µg/L	0.50	0.080	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,2-Dichloroethane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,2-Dichloropropane	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,3,5-Trimethylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,3-Dichlorobenzene	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,3-Dichloropropane	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
1,4-Dichlorobenzene	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
2,2-Dichloropropane	BRL	µg/L	0.50	0.29	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
2-Chlorotoluene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
4-Chlorotoluene	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Benzene	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Bromobenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Bromochloromethane	BRL	µg/L	0.50	0.15	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Bromodichloromethane	BRL	µg/L	0.50	0.13	1	SM6210 D	12/21/06 16:17	lwitry	Q20052

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: TB
Prism Sample ID: 168983
COC Group: G1206416
Time Collected: 12/13/06
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	BRL	µg/L	0.50	0.58	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Bromomethane	BRL	µg/L	0.50	0.27	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Carbon tetrachloride	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Chlorobenzene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Chlorodibromomethane	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Chloroethane	BRL	µg/L	0.50	0.13	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Chloroform	BRL	µg/L	0.50	0.060	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Chloromethane	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
cis-1,2-Dichloroethene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Dibromomethane	BRL	µg/L	0.50	0.17	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Dichlorodifluoromethane	BRL	µg/L	5.0	0.12	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Ethylbenzene	BRL	µg/L	0.50	0.080	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Hexachlorobutadiene	BRL	µg/L	0.50	0.37	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Isopropyl ether (IPE)	BRL	µg/L	0.50	0.23	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Isopropylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
m,p-Xylenes	BRL	µg/L	1.0	0.23	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Methyl t-butyl ether (MTBE)	BRL	µg/L	0.50	0.12	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Methylene chloride	BRL	µg/L	5.0	0.11	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
n-Butylbenzene	BRL	µg/L	0.50	0.24	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
n-Propylbenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Naphthalene	BRL	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
o-Xylene	BRL	µg/L	0.50	0.070	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
p-Isopropyltoluene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
sec-Butylbenzene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Styrene	BRL	µg/L	0.50	0.11	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
tert-Butylbenzene	BRL	µg/L	0.50	0.10	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Tetrachloroethene	BRL	µg/L	0.50	0.14	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Toluene	BRL	µg/L	0.50	0.16	1	SM6210 D	12/21/06 16:17	lwitry	Q20052

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NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

01/04/07

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street
Sample Matrix: Water

Client Sample ID: TB
Prism Sample ID: 168983
COC Group: G1206416
Time Collected: 12/13/06
Time Submitted: 12/14/06 15:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
trans-1,2-Dichloroethene	**BRL**	µg/L	0.50	0.090	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Trichloroethene	**BRL**	µg/L	0.50	0.15	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Trichlorofluoromethane	**BRL**	µg/L	0.50	0.15	1	SM6210 D	12/21/06 16:17	lwitry	Q20052
Vinyl chloride	**BRL**	µg/L	0.50	0.11	1	SM6210 D	12/21/06 16:17	lwitry	Q20052

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	114	60 - 140
Dibromofluoromethane	103	60 - 140
Toluene-d8	114	60 - 140

Sample Comment(s):

BRL = Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Level II QC Report

12/29/2006

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/06 15:05

Metals by ICP, method 6010B

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Chromium	0.0005	0.005	<0.0025	mg/L	Q19958
Lead	0.0014	0.005	<0.0025	mg/L	Q19958

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
Chromium	0.2545	0.25	mg/L	102	80 - 120	Q19958
Lead	0.2572	0.25	mg/L	103	80 - 120	Q19958

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
168978	Chromium	0.2397	0.25	mg/L	95	75 - 125	Q19958
	Lead	0.2437	0.25	mg/L	97	75 - 125	Q19958

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
168978	Chromium	0.2459	0.25	mg/L	98	75 - 125	3	0 - 20	Q19958
	Lead	0.2484	0.25	mg/L	99	75 - 125	2	0 - 20	Q19958

#-See Case Narrative

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12/29/2006

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Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Semivolatile Organic Compounds by GC/MS, method 625

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
1,2,4-Trichlorobenzene	ND	10	<5	µg/L	Q19987
1,2-Dichlorobenzene	ND	10	<5	µg/L	Q19987
1,3-Dichlorobenzene	ND	10	<5	µg/L	Q19987
1,4-Dichlorobenzene	ND	10	<5	µg/L	Q19987
2,4,5-Trichlorophenol	ND	10	<5	µg/L	Q19987
2,4,6-Trichlorophenol	ND	10	<5	µg/L	Q19987
2,4-Dichlorophenol	ND	10	<5	µg/L	Q19987
2,4-Dimethylphenol	ND	10	<5	µg/L	Q19987
2,4-Dinitrophenol	ND	50	<25	µg/L	Q19987
2,4-Dinitrotoluene	ND	10	<5	µg/L	Q19987
2,6-Dinitrotoluene	ND	10	<5	µg/L	Q19987
2-Chloronaphthalene	ND	10	<5	µg/L	Q19987
2-Chlorophenol	ND	10	<5	µg/L	Q19987
2-Methylphenol	ND	10	<5	µg/L	Q19987
2-Nitrophenol	ND	10	<5	µg/L	Q19987
3&4-Methylphenol	ND	10	<5	µg/L	Q19987
3,3'-Dichlorobenzidine	ND	50	<25	µg/L	Q19987
4,6-Dinitro-2-methylphenol	ND	50	<25	µg/L	Q19987
4-Bromophenylphenylether	ND	10	<5	µg/L	Q19987
4-Chloro-3-methylphenol	ND	10	<5	µg/L	Q19987
4-Chlorophenylphenylether	ND	10	<5	µg/L	Q19987
4-Nitrophenol	ND	50	<25	µg/L	Q19987
Acenaphthene	ND	10	<5	µg/L	Q19987
Acenaphthylene	ND	10	<5	µg/L	Q19987
Anthracene	ND	10	<5	µg/L	Q19987
Benzo(a)anthracene	ND	10	<5	µg/L	Q19987
Benzo(a)pyrene	ND	10	<5	µg/L	Q19987
Benzo(b)fluoranthene	ND	10	<5	µg/L	Q19987
Benzo(g,h,i)perylene	ND	10	<5	µg/L	Q19987
Benzo(k)fluoranthene	ND	10	<5	µg/L	Q19987
Bis(2-chloroethoxy)methane	ND	10	<5	µg/L	Q19987
Bis(2-chloroethyl)ether	ND	10	<5	µg/L	Q19987
Bis(2-chloroisopropyl)ether	ND	10	<5	µg/L	Q19987
Bis(2-ethylhexyl)phthalate	ND	10	<5	µg/L	Q19987
Butylbenzylphthalate	ND	10	<5	µg/L	Q19987
Chrysene	ND	10	<5	µg/L	Q19987
Di-n-butylphthalate	ND	10	<5	µg/L	Q19987
Di-n-octylphthalate	ND	10	<5	µg/L	Q19987
Dibenzo(a,h)anthracene	ND	10	<5	µg/L	Q19987
Dibenzofuran	ND	10	<5	µg/L	Q19987
Diethylphthalate	ND	10	<5	µg/L	Q19987
Dimethylphthalate	ND	10	<5	µg/L	Q19987

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Full Service Analytical & Environmental Solutions

Level II QC Report

12/29/2006

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Fluoranthene	ND	10	<5	µg/L	Q19987
Fluorene	ND	10	<5	µg/L	Q19987
Hexachlorobenzene	ND	10	<5	µg/L	Q19987
Hexachlorobutadiene	ND	10	<5	µg/L	Q19987
Hexachlorocyclopentadiene	ND	10	<5	µg/L	Q19987
Hexachloroethane	ND	10	<5	µg/L	Q19987
Indeno(1,2,3-cd)pyrene	ND	10	<5	µg/L	Q19987
Isophorone	ND	10	<5	µg/L	Q19987
N-Nitrosodi-n-propylamine	ND	10	<5	µg/L	Q19987
Naphthalene	ND	10	<5	µg/L	Q19987
Nitrobenzene	ND	10	<5	µg/L	Q19987
Pentachlorophenol	ND	10	<5	µg/L	Q19987
Phenanthrene	ND	10	<5	µg/L	Q19987
Phenol	ND	10	<5	µg/L	Q19987
Pyrene	ND	10	<5	µg/L	Q19987

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
1,2,4-Trichlorobenzene	85.23	100	µg/L	85	44 - 142	Q19987
1,2-Dichlorobenzene	83.34	100	µg/L	83	32 - 129	Q19987
1,3-Dichlorobenzene	85.07	100	µg/L	85	20 - 124	Q19987
1,4-Dichlorobenzene	101.09	100	µg/L	101	20 - 124	Q19987
2,4,6-Trichlorophenol	85.71	100	µg/L	86	37 - 144	Q19987
2,4-Dichlorophenol	82.89	100	µg/L	83	39 - 135	Q19987
2,4-Dimethylphenol	99.83	100	µg/L	100	32 - 119	Q19987
2,4-Dinitrophenol	91.45	100	µg/L	91	10 - 191	Q19987
2,4-Dinitrotoluene	91.86	100	µg/L	92	39 - 139	Q19987
2,6-Dinitrotoluene	86.61	100	µg/L	87	50 - 158	Q19987
2-Chloronaphthalene	91.58	100	µg/L	92	60 - 118	Q19987
2-Chlorophenol	76.86	100	µg/L	77	23 - 134	Q19987
2-Nitrophenol	88.45	100	µg/L	88	29 - 182	Q19987
3,3'-Dichlorobenzidine	129.25	100	µg/L	129	10 - 262	Q19987
4,6-Dinitro-2-methylphenol	96.02	100	µg/L	96	10 - 181	Q19987
4-Bromophenylphenylether	91.6	100	µg/L	92	53 - 127	Q19987
4-Chloro-3-methylphenol	85.58	100	µg/L	86	22 - 147	Q19987
4-Chlorophenylphenylether	87.13	100	µg/L	87	25 - 158	Q19987
4-Nitrophenol	24.43	100	µg/L	24	10 - 132	Q19987
Acenaphthene	89.51	100	µg/L	90	47 - 145	Q19987
Acenaphthylene	92.37	100	µg/L	92	33 - 145	Q19987
Anthracene	95.56	100	µg/L	96	27 - 133	Q19987
Benzo(a)anthracene	101.7	100	µg/L	102	33 - 143	Q19987
Benzo(a)pyrene	97.81	100	µg/L	98	17 - 163	Q19987
Benzo(b)fluoranthene	105.26	100	µg/L	105	24 - 159	Q19987
Benzo(g,h,i)perylene	110.6	100	µg/L	111	10 - 219	Q19987

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Level II QC Report

12/29/2006

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
Benzo(k)fluoranthene	79.12	100	µg/L	79	11 - 162	Q19987
Bis(2-chloroethoxy)methane	97.84	100	µg/L	98	33 - 184	Q19987
Bis(2-chloroethyl)ether	103.91	100	µg/L	104	12 - 158	Q19987
Bis(2-chloroisopropyl)ether	85.92	100	µg/L	86	36 - 166	Q19987
Bis(2-ethylhexyl)phthalate	100.55	100	µg/L	101	10 - 158	Q19987
Butylbenzylphthalate	89.93	100	µg/L	90	10 - 152	Q19987
Chrysene	93.15	100	µg/L	93	17 - 168	Q19987
Di-n-butylphthalate	95.38	100	µg/L	95	10 - 118	Q19987
Di-n-octylphthalate	101.83	100	µg/L	102	10 - 146	Q19987
Dibenzo(a,h)anthracene	105.23	100	µg/L	105	10 - 227	Q19987
Diethylphthalate	87.66	100	µg/L	88	10 - 114	Q19987
Dimethylphthalate	83.62	100	µg/L	84	10 - 112	Q19987
Fluoranthene	99.89	100	µg/L	100	26 - 137	Q19987
Fluorene	93.1	100	µg/L	93	59 - 121	Q19987
Hexachlorobenzene	89.46	100	µg/L	89	10 - 152	Q19987
Hexachlorobutadiene	83.3	100	µg/L	83	24 - 116	Q19987
Hexachlorocyclopentadiene	85.51	100	µg/L	86	32 - 103	Q19987
Hexachloroethane	92.26	100	µg/L	92	40 - 113	Q19987
Indeno(1,2,3-cd)pyrene	113.07	100	µg/L	113	10 - 171	Q19987
Isophorone	99.91	100	µg/L	100	21 - 196	Q19987
N-Nitrosodi-n-propylamine	101.86	100	µg/L	102	10 - 230	Q19987
Naphthalene	90.01	100	µg/L	90	21 - 133	Q19987
Nitrobenzene	102.05	100	µg/L	102	35 - 180	Q19987
Pentachlorophenol	111.73	100	µg/L	112	14 - 176	Q19987
Phenanthrene	97.8	100	µg/L	98	54 - 120	Q19987
Phenol	23.58	100	µg/L	24	10 - 112	Q19987
Pyrene	88.77	100	µg/L	89	52 - 115	Q19987

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
168977	1,2,4-Trichlorobenzene	166.5882	196.08	µg/L	85	44 - 142	Q19987
	1,2-Dichlorobenzene	139.4901	196.08	µg/L	71	32 - 129	Q19987
	1,3-Dichlorobenzene	142.2549	196.08	µg/L	73	20 - 124	Q19987
	1,4-Dichlorobenzene	150.3921	196.08	µg/L	77	20 - 124	Q19987
	2,4,6-Trichlorophenol	145.8235	196.08	µg/L	74	37 - 144	Q19987
	2,4-Dichlorophenol	97.56862	196.08	µg/L	50	39 - 135	Q19987
	2,4-Dimethylphenol	21.23529	196.08	µg/L	11 #	32 - 119	Q19987
	2,4-Dinitrophenol	31.15686	196.08	µg/L	16	10 - 191	Q19987
	2,4-Dinitrotoluene	190.3725	196.08	µg/L	97	39 - 139	Q19987
	2,6-Dinitrotoluene	185.5294	196.08	µg/L	95	50 - 158	Q19987
	2-Chloronaphthalene	167.2549	196.08	µg/L	85	60 - 118	Q19987
	2-Chlorophenol	72.01960	196.08	µg/L	37	23 - 134	Q19987
	2-Nitrophenol	137.6862	196.08	µg/L	70	29 - 182	Q19987
	3,3'-Dichlorobenzidine	261.4705	196.08	µg/L	133	10 - 262	Q19987

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

12/29/2006

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
	4,6-Dinitro-2-methylphenol	117.2745	196.08	µg/L	60	10 - 181	Q19987
	4-Bromophenylphenylether	161.4313	196.08	µg/L	82	53 - 127	Q19987
	4-Chloro-3-methylphenol	72.90196	196.08	µg/L	37	22 - 147	Q19987
	4-Chlorophenylphenylether	183.3333	196.08	µg/L	94	25 - 158	Q19987
	4-Nitrophenol	41.92156	196.08	µg/L	21	10 - 132	Q19987
	Acenaphthene	192.4313	196.08	µg/L	98	47 - 145	Q19987
	Acenaphthylene	188.7843	196.08	µg/L	96	33 - 145	Q19987
	Anthracene	154.3333	196.08	µg/L	79	27 - 133	Q19987
	Benzo(a)anthracene	161.0784	196.08	µg/L	82	33 - 143	Q19987
	Benzo(a)pyrene	231.4901	196.08	µg/L	118	17 - 163	Q19987
	Benzo(b)fluoranthene	214.3333	196.08	µg/L	109	24 - 159	Q19987
	Benzo(g,h,i)perylene	214.9607	196.08	µg/L	110	10 - 219	Q19987
	Benzo(k)fluoranthene	179.1176	196.08	µg/L	91	11 - 162	Q19987
	Bis(2-chloroethoxy)methane	157.5294	196.08	µg/L	80	33 - 184	Q19987
	Bis(2-chloroethyl)ether	149.9411	196.08	µg/L	76	12 - 158	Q19987
	Bis(2-chloroisopropyl)ether	139.6078	196.08	µg/L	71	36 - 166	Q19987
	Bis(2-ethylhexyl)phthalate	216.9607	196.08	µg/L	111	10 - 158	Q19987
	Butylbenzylphthalate	239.8039	196.08	µg/L	122	10 - 152	Q19987
	Chrysene	146.2352	196.08	µg/L	75	17 - 168	Q19987
	Di-n-butylphthalate	175.4313	196.08	µg/L	89	10 - 118	Q19987
	Di-n-octylphthalate	202.4117	196.08	µg/L	103	10 - 146	Q19987
	Dibenzo(a,h)anthracene	196.5686	196.08	µg/L	100	10 - 227	Q19987
	Diethylphthalate	203.3333	196.08	µg/L	104	10 - 114	Q19987
	Dimethylphthalate	185.1176	196.08	µg/L	94	10 - 112	Q19987
	Fluoranthene	159.5098	196.08	µg/L	81	26 - 137	Q19987
	Fluorene	199.7254	196.08	µg/L	102	59 - 121	Q19987
	Hexachlorobenzene	145.6078	196.08	µg/L	74	10 - 152	Q19987
	Hexachlorobutadiene	155.4901	196.08	µg/L	79	24 - 116	Q19987
	Hexachlorocyclopentadiene	171.4705	196.08	µg/L	87	48 - 94	Q19987
	Hexachloroethane	137.4705	196.08	µg/L	70	40 - 113	Q19987
	Indeno(1,2,3-cd)pyrene	228.7254	196.08	µg/L	117	10 - 171	Q19987
	Isophorone	169.3725	196.08	µg/L	86	21 - 196	Q19987
	N-Nitrosodi-n-propylamine	139.4901	196.08	µg/L	71	10 - 230	Q19987
	Naphthalene	150.5098	196.08	µg/L	77	21 - 133	Q19987
	Nitrobenzene	167.8823	196.08	µg/L	86	35 - 180	Q19987
	Pentachlorophenol	154.8431	196.08	µg/L	79	14 - 176	Q19987
	Phenanthrene	166	196.08	µg/L	85	54 - 120	Q19987
	Phenol	12.05882	196.08	µg/L	6 #	10 - 112	Q19987
	Pyrene	227.0784	196.08	µg/L	116 #	52 - 115	Q19987

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
168977	1,2,4-Trichlorobenzene	144.313	196.08	µg/L	74	44 - 142	14	0 - 36	Q19987
	1,2-Dichlorobenzene	119.803	196.08	µg/L	61	32 - 129	15	0 - 38	Q19987

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Full Service Analytical & Environmental Solutions

Level II QC Report

12/29/2006

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Matrix Spike Duplicate

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
1,3-Dichlorobenzene	132.529	196.08	µg/L	68	20 - 124	7	0 - 41	Q19987
1,4-Dichlorobenzene	131.725	196.08	µg/L	67	20 - 124	13	0 - 36	Q19987
2,4,6-Trichlorophenol	130.313	196.08	µg/L	66	37 - 144	11	0 - 30	Q19987
2,4-Dichlorophenol	97.1176	196.08	µg/L	50	39 - 135	0	0 - 31	Q19987
2,4-Dimethylphenol	24.3921	196.08	µg/L	12 #	32 - 119	14	0 - 26	Q19987
2,4-Dinitrophenol	94.5294	196.08	µg/L	48	10 - 191	101 #	0 - 30	Q19987
2,4-Dinitrotoluene	186.176	196.08	µg/L	95	39 - 139	2	0 - 29	Q19987
2,6-Dinitrotoluene	222.392	196.08	µg/L	113	50 - 158	18 #	0 - 15	Q19987
2-Chloronaphthalene	167.529	196.08	µg/L	85	60 - 118	0	0 - 21	Q19987
2-Chlorophenol	72.7058	196.08	µg/L	37	23 - 134	1	0 - 35	Q19987
2-Nitrophenol	138.137	196.08	µg/L	70	29 - 182	0	0 - 34	Q19987
3,3'-Dichlorobenzidine	312.274	196.08	µg/L	159	10 - 262	18	0 - 50	Q19987
4,6-Dinitro-2-methylphenol	151.921	196.08	µg/L	77	10 - 181	26 #	0 - 19	Q19987
4-Bromophenylphenylether	179.254	196.08	µg/L	91	53 - 127	10	0 - 18	Q19987
4-Chloro-3-methylphenol	92.9215	196.08	µg/L	47	22 - 147	24	0 - 33	Q19987
4-Chlorophenylphenylether	190.176	196.08	µg/L	97	25 - 158	4	0 - 19	Q19987
4-Nitrophenol	55.1960	196.08	µg/L	28	10 - 132	27	0 - 50	Q19987
Acenaphthene	184.176	196.08	µg/L	94	47 - 145	4	0 - 20	Q19987
Acenaphthylene	173.607	196.08	µg/L	89	33 - 145	8	0 - 24	Q19987
Anthracene	197.901	196.08	µg/L	101	27 - 133	25	0 - 30	Q19987
Benzo(a)anthracene	196.843	196.08	µg/L	100	33 - 143	20	0 - 26	Q19987
Benzo(a)pyrene	181.117	196.08	µg/L	92	17 - 163	24	0 - 25	Q19987
Benzo(b)fluoranthene	203.509	196.08	µg/L	104	24 - 159	5	0 - 29	Q19987
Benzo(g,h,i)perylene	200.588	196.08	µg/L	102	10 - 219	7	0 - 27	Q19987
Benzo(k)fluoranthene	158.941	196.08	µg/L	81	11 - 162	12 #	0 - 11	Q19987
Bis(2-chloroethoxy)methane	147.921	196.08	µg/L	75	33 - 184	6	0 - 31	Q19987
Bis(2-chloroethyl)ether	134.745	196.08	µg/L	69	12 - 158	11	0 - 36	Q19987
Bis(2-chloroisopropyl)ether	126.431	196.08	µg/L	64	36 - 166	10	0 - 40	Q19987
Bis(2-ethylhexyl)phthalate	214.980	196.08	µg/L	110	10 - 158	1	0 - 17	Q19987
Butylbenzylphthalate	208.901	196.08	µg/L	107	10 - 152	14	0 - 15	Q19987
Chrysene	176.784	196.08	µg/L	90	17 - 168	19	0 - 25	Q19987
Di-n-butylphthalate	205.764	196.08	µg/L	105	10 - 118	16	0 - 27	Q19987
Di-n-octylphthalate	201.215	196.08	µg/L	103	10 - 146	1	0 - 17	Q19987
Dibenzo(a,h)anthracene	195.470	196.08	µg/L	100	10 - 227	1	0 - 28	Q19987
Diethylphthalate	217.627	196.08	µg/L	111	10 - 114	7	0 - 16	Q19987
Dimethylphthalate	184.431	196.08	µg/L	94	10 - 112	0	0 - 15	Q19987
Fluoranthene	200.137	196.08	µg/L	102	26 - 137	23	0 - 24	Q19987
Fluorene	185.803	196.08	µg/L	95	59 - 121	7	0 - 15	Q19987
Hexachlorobenzene	180.490	196.08	µg/L	92	10 - 152	21 #	0 - 18	Q19987
Hexachlorobutadiene	153.450	196.08	µg/L	78	24 - 116	1	0 - 34	Q19987
Hexachlorocyclopentadiene	166.764	196.08	µg/L	85	48 - 94	3	0 - 30	Q19987
Hexachloroethane	134.862	196.08	µg/L	69	40 - 113	2	0 - 38	Q19987
Indeno(1,2,3-cd)pyrene	204.607	196.08	µg/L	104	10 - 171	11	0 - 29	Q19987
Isophorone	158.117	196.08	µg/L	81	21 - 196	7	0 - 32	Q19987

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

12/29/2006

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Matrix Spike Duplicate

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
N-Nitrosodi-n-propylamine	159.921	196.08	µg/L	82	10 - 230	14	0 - 36	Q19987
Naphthalene	154.019	196.08	µg/L	79	21 - 133	2	0 - 42	Q19987
Nitrobenzene	167.568	196.08	µg/L	85	35 - 180	0	0 - 25	Q19987
Pentachlorophenol	177.705	196.08	µg/L	91	14 - 176	14	0 - 21	Q19987
Phenanthrene	189.549	196.08	µg/L	97	54 - 120	13	0 - 29	Q19987
Phenol	18.6470	196.08	µg/L	10 #	10 - 112	43 #	0 - 39	Q19987
Pyrene	222.862	196.08	µg/L	114	52 - 115	2	0 - 15	Q19987

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Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Volatile Organic Compounds by GC/MS, method SM6210 D

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
1,1,1,2-Tetrachloroethane	ND	0.5	<0.25	µg/L	Q20052
1,1,1-Trichloroethane	ND	0.5	<0.25	µg/L	Q20052
1,1,2,2-Tetrachloroethane	ND	0.5	<0.25	µg/L	Q20052
1,1,2-Trichloroethane	ND	0.5	<0.25	µg/L	Q20052
1,1-Dichloroethane	ND	0.5	<0.25	µg/L	Q20052
1,1-Dichloroethene	ND	0.5	<0.25	µg/L	Q20052
1,1-Dichloropropene	ND	0.5	<0.25	µg/L	Q20052
1,2,3-Trichlorobenzene	ND	0.5	<0.25	µg/L	Q20052
1,2,3-Trichloropropane	ND	0.5	<0.25	µg/L	Q20052
1,2,4-Trichlorobenzene	ND	0.5	<0.25	µg/L	Q20052
1,2,4-Trimethylbenzene	ND	0.5	<0.25	µg/L	Q20052
1,2-Dibromo-3-chloropropane	ND	5	<2.5	µg/L	Q20052
1,2-Dibromoethane (EDB)	ND	0.5	<0.25	µg/L	Q20052
1,2-Dichlorobenzene	ND	0.5	<0.25	µg/L	Q20052
1,2-Dichloroethane	ND	0.5	<0.25	µg/L	Q20052
1,2-Dichloropropane	ND	0.5	<0.25	µg/L	Q20052
1,3,5-Trimethylbenzene	ND	0.5	<0.25	µg/L	Q20052
1,3-Dichlorobenzene	ND	0.5	<0.25	µg/L	Q20052
1,3-Dichloropropane	ND	0.5	<0.25	µg/L	Q20052
1,4-Dichlorobenzene	ND	0.5	<0.25	µg/L	Q20052
2,2-Dichloropropane	ND	0.5	<0.25	µg/L	Q20052
2-Chlorotoluene	ND	0.5	<0.25	µg/L	Q20052
4-Chlorotoluene	ND	0.5	<0.25	µg/L	Q20052
Benzene	ND	0.5	<0.25	µg/L	Q20052
Bromobenzene	ND	0.5	<0.25	µg/L	Q20052
Bromochloromethane	ND	0.5	<0.25	µg/L	Q20052
Bromodichloromethane	ND	0.5	<0.25	µg/L	Q20052
Bromoform	ND	0.5	<0.25	µg/L	Q20052
Bromomethane	ND	0.5	<0.25	µg/L	Q20052
Carbon tetrachloride	ND	0.5	<0.25	µg/L	Q20052
Chlorobenzene	ND	0.5	<0.25	µg/L	Q20052
Chlorodibromomethane	ND	0.5	<0.25	µg/L	Q20052
Chloroethane	ND	0.5	<0.25	µg/L	Q20052
Chloroform	ND	0.5	<0.25	µg/L	Q20052
Chloromethane	ND	0.5	<0.25	µg/L	Q20052
cis-1,2-Dichloroethene	ND	0.5	<0.25	µg/L	Q20052
Dibromomethane	ND	0.5	<0.25	µg/L	Q20052
Dichlorodifluoromethane	ND	5	<2.5	µg/L	Q20052
Ethylbenzene	ND	0.5	<0.25	µg/L	Q20052
Hexachlorobutadiene	ND	0.5	<0.25	µg/L	Q20052
Isopropyl ether (IPE)	ND	0.5	<0.25	µg/L	Q20052
Isopropylbenzene	ND	0.5	<0.25	µg/L	Q20052

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Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
m,p-Xylenes	ND	1	<0.5	µg/L	Q20052
Methyl t-butyl ether (MTBE)	ND	0.5	<0.25	µg/L	Q20052
Methylene chloride	ND	5	<2.5	µg/L	Q20052
n-Butylbenzene	ND	0.5	<0.25	µg/L	Q20052
n-Propylbenzene	ND	0.5	<0.25	µg/L	Q20052
Naphthalene	ND	0.5	<0.25	µg/L	Q20052
o-Xylene	ND	0.5	<0.25	µg/L	Q20052
p-Isopropyltoluene	ND	0.5	<0.25	µg/L	Q20052
sec-Butylbenzene	ND	0.5	<0.25	µg/L	Q20052
Styrene	ND	0.5	<0.25	µg/L	Q20052
tert-Butylbenzene	ND	0.5	<0.25	µg/L	Q20052
Tetrachloroethene	ND	0.5	<0.25	µg/L	Q20052
Toluene	ND	0.5	<0.25	µg/L	Q20052
trans-1,2-Dichloroethene	ND	0.5	<0.25	µg/L	Q20052
Trichloroethene	ND	0.5	<0.25	µg/L	Q20052
Trichlorofluoromethane	ND	0.5	<0.25	µg/L	Q20052
Vinyl chloride	ND	0.5	<0.25	µg/L	Q20052

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
1,1,1,2-Tetrachloroethane	18.43	20	µg/L	92	60 - 140	Q20052
1,1,1-Trichloroethane	18.29	20	µg/L	91	60 - 140	Q20052
1,1,2,2-Tetrachloroethane	16.35	20	µg/L	82	60 - 140	Q20052
1,1,2-Trichloroethane	17.38	20	µg/L	87	60 - 140	Q20052
1,1-Dichloroethane	19	20	µg/L	95	60 - 140	Q20052
1,1-Dichloroethene	18.66	20	µg/L	93	60 - 140	Q20052
1,1-Dichloropropene	18	20	µg/L	90	60 - 140	Q20052
1,2,3-Trichlorobenzene	15.85	20	µg/L	79	60 - 140	Q20052
1,2,3-Trichloropropane	17.78	20	µg/L	89	60 - 140	Q20052
1,2,4-Trichlorobenzene	16.9	20	µg/L	85	60 - 140	Q20052
1,2,4-Trimethylbenzene	19.87	20	µg/L	99	60 - 140	Q20052
1,2-Dibromoethane (EDB)	18.13	20	µg/L	91	60 - 140	Q20052
1,2-Dichlorobenzene	19.13	20	µg/L	96	60 - 140	Q20052
1,2-Dichloroethane	18.07	20	µg/L	90	60 - 140	Q20052
1,2-Dichloropropane	17.02	20	µg/L	85	60 - 140	Q20052
1,3,5-Trimethylbenzene	20.29	20	µg/L	101	60 - 140	Q20052
1,3-Dichlorobenzene	18.77	20	µg/L	94	60 - 140	Q20052
1,3-Dichloropropane	17.56	20	µg/L	88	60 - 140	Q20052
1,4-Dichlorobenzene	17.74	20	µg/L	89	60 - 140	Q20052
2,2-Dichloropropane	21.79	20	µg/L	109	60 - 140	Q20052
2-Chlorotoluene	19.01	20	µg/L	95	60 - 140	Q20052
4-Chlorotoluene	19.58	20	µg/L	98	60 - 140	Q20052
Benzene	19.44	20	µg/L	97	60 - 140	Q20052
Bromobenzene	17.99	20	µg/L	90	60 - 140	Q20052

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Level II QC Report

12/29/2006

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
Bromochloromethane	18.15	20	µg/L	91	60 - 140	Q20052
Bromodichloromethane	18.34	20	µg/L	92	60 - 140	Q20052
Bromoform	15.33	20	µg/L	77	60 - 140	Q20052
Bromomethane	17.32	20	µg/L	87	60 - 140	Q20052
Carbon tetrachloride	18.53	20	µg/L	93	60 - 140	Q20052
Chlorobenzene	18.65	20	µg/L	93	60 - 140	Q20052
Chlorodibromomethane	17.21	20	µg/L	86	60 - 140	Q20052
Chloroethane	20.43	20	µg/L	102	60 - 140	Q20052
Chloroform	19.01	20	µg/L	95	60 - 140	Q20052
Chloromethane	18.11	20	µg/L	91	60 - 140	Q20052
cis-1,2-Dichloroethene	17.36	20	µg/L	87	60 - 140	Q20052
Dibromomethane	17.19	20	µg/L	86	60 - 140	Q20052
Dichlorodifluoromethane	17.2	20	µg/L	86	60 - 140	Q20052
Ethylbenzene	18.89	20	µg/L	94	60 - 140	Q20052
Hexachlorobutadiene	18.02	20	µg/L	90	60 - 140	Q20052
Isopropyl ether (IPE)	16.86	20	µg/L	84	60 - 140	Q20052
Isopropylbenzene	19.42	20	µg/L	97	60 - 140	Q20052
m,p-Xylenes	40.86	40	µg/L	102	60 - 140	Q20052
Methyl t-butyl ether (MTBE)	17.76	20	µg/L	89	60 - 140	Q20052
Methylene chloride	20.02	20	µg/L	100	60 - 140	Q20052
n-Butylbenzene	21.06	20	µg/L	105	60 - 140	Q20052
n-Propylbenzene	19.78	20	µg/L	99	60 - 140	Q20052
Naphthalene	14.48	20	µg/L	72	60 - 140	Q20052
o-Xylene	18.41	20	µg/L	92	60 - 140	Q20052
p-Isopropyltoluene	19.32	20	µg/L	97	60 - 140	Q20052
sec-Butylbenzene	19.57	20	µg/L	98	60 - 140	Q20052
Styrene	16.71	20	µg/L	84	60 - 140	Q20052
tert-Butylbenzene	18.54	20	µg/L	93	60 - 140	Q20052
Tetrachloroethene	20.16	20	µg/L	101	60 - 140	Q20052
Toluene	18.97	20	µg/L	95	60 - 140	Q20052
trans-1,2-Dichloroethene	23.78	20	µg/L	119	60 - 140	Q20052
Trichloroethene	18.01	20	µg/L	90	60 - 140	Q20052
Trichlorofluoromethane	16.41	20	µg/L	82	60 - 140	Q20052
Vinyl chloride	17.42	20	µg/L	87	60 - 140	Q20052

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
168977	1,1,1,2-Tetrachloroethane	83.16	80	µg/L	104	60 - 140	Q20052
	1,1,1-Trichloroethane	80.84	80	µg/L	101	60 - 140	Q20052
	1,1,2,2-Tetrachloroethane	78.8	80	µg/L	99	60 - 140	Q20052
	1,1,2-Trichloroethane	86.2	80	µg/L	108	60 - 140	Q20052
	1,1-Dichloroethane	81.04	80	µg/L	101	60 - 140	Q20052
	1,1-Dichloroethene	80.28	80	µg/L	100	60 - 140	Q20052
	1,1-Dichloropropene	80	80	µg/L	100	60 - 140	Q20052

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Full Service Analytical & Environmental Solutions

Level II QC Report

12/29/2006

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Matrix Spike

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
1,2,3-Trichlorobenzene	84.64	80	µg/L	106	60 - 140	Q20052
1,2,3-Trichloropropane	82.52	80	µg/L	103	60 - 140	Q20052
1,2,4-Trichlorobenzene	82.64	80	µg/L	103	60 - 140	Q20052
1,2,4-Trimethylbenzene	90.24	80	µg/L	113	60 - 140	Q20052
1,2-Dibromoethane (EDB)	85.08	80	µg/L	106	60 - 140	Q20052
1,2-Dichlorobenzene	87.6	80	µg/L	110	60 - 140	Q20052
1,2-Dichloroethane	83.6	80	µg/L	105	60 - 140	Q20052
1,2-Dichloropropane	77.6	80	µg/L	97	60 - 140	Q20052
1,3,5-Trimethylbenzene	90.84	80	µg/L	114	60 - 140	Q20052
1,3-Dichlorobenzene	83.56	80	µg/L	104	60 - 140	Q20052
1,3-Dichloropropane	83.24	80	µg/L	104	60 - 140	Q20052
1,4-Dichlorobenzene	78.88	80	µg/L	99	60 - 140	Q20052
2,2-Dichloropropane	94.48	80	µg/L	118	60 - 140	Q20052
2-Chlorotoluene	85.44	80	µg/L	107	60 - 140	Q20052
4-Chlorotoluene	88.16	80	µg/L	110	60 - 140	Q20052
Benzene	86.2	80	µg/L	108	60 - 140	Q20052
Bromobenzene	81.84	80	µg/L	102	60 - 140	Q20052
Bromochloromethane	83.44	80	µg/L	104	60 - 140	Q20052
Bromodichloromethane	83.88	80	µg/L	105	60 - 140	Q20052
Bromoform	73.8	80	µg/L	92	60 - 140	Q20052
Bromomethane	78.72	80	µg/L	98	60 - 140	Q20052
Carbon tetrachloride	81.36	80	µg/L	102	60 - 140	Q20052
Chlorobenzene	80.44	80	µg/L	101	60 - 140	Q20052
Chlorodibromomethane	81.2	80	µg/L	102	60 - 140	Q20052
Chloroethane	89.2	80	µg/L	112	60 - 140	Q20052
Chloroform	83.76	80	µg/L	105	60 - 140	Q20052
Chloromethane	78.04	80	µg/L	98	60 - 140	Q20052
cis-1,2-Dichloroethene	79.08	80	µg/L	99	60 - 140	Q20052
Dibromomethane	81.52	80	µg/L	102	60 - 140	Q20052
Dichlorodifluoromethane	75.32	80	µg/L	94	60 - 140	Q20052
Ethylbenzene	80.88	80	µg/L	101	60 - 140	Q20052
Hexachlorobutadiene	85.56	80	µg/L	107	60 - 140	Q20052
Isopropyl ether (IPE)	76.16	80	µg/L	95	60 - 140	Q20052
Isopropylbenzene	86.84	80	µg/L	109	60 - 140	Q20052
m,p-Xylenes	180.2	160	µg/L	113	60 - 140	Q20052
Methyl t-butyl ether (MTBE)	76.48	80	µg/L	96	60 - 140	Q20052
Methylene chloride	84.16	80	µg/L	105	60 - 140	Q20052
n-Butylbenzene	107.92	80	µg/L	134	60 - 140	Q20052
n-Propylbenzene	88.36	80	µg/L	110	60 - 140	Q20052
Naphthalene	80.04	80	µg/L	100	60 - 140	Q20052
o-Xylene	80.68	80	µg/L	101	60 - 140	Q20052
p-Isopropyltoluene	85.36	80	µg/L	107	60 - 140	Q20052
sec-Butylbenzene	89.16	80	µg/L	111	60 - 140	Q20052
Styrene	73.64	80	µg/L	92	60 - 140	Q20052

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NC Certification No. 402
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NC Drinking Water Cert. No. 37735

Level II QC Report

12/29/2006

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
	tert-Butylbenzene	82.08	80	µg/L	103	60 - 140	Q20052
	Tetrachloroethene	89.04	80	µg/L	111	60 - 140	Q20052
	Toluene	83.72	80	µg/L	105	60 - 140	Q20052
	trans-1,2-Dichloroethene	85.44	80	µg/L	107	60 - 140	Q20052
	Trichloroethene	79.6	80	µg/L	100	60 - 140	Q20052
	Trichlorofluoromethane	75.92	80	µg/L	95	60 - 140	Q20052
	Vinyl chloride	76.68	80	µg/L	96	60 - 140	Q20052

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
168977	1,1,1,2-Tetrachloroethane	84.32	80	µg/L	105	60 - 140	1	0 - 20	Q20052
	1,1,1-Trichloroethane	82.92	80	µg/L	104	60 - 140	3	0 - 20	Q20052
	1,1,2,2-Tetrachloroethane	77.88	80	µg/L	97	60 - 140	1	0 - 20	Q20052
	1,1,2-Trichloroethane	84.36	80	µg/L	105	60 - 140	2	0 - 20	Q20052
	1,1-Dichloroethane	83.76	80	µg/L	105	60 - 140	3	0 - 20	Q20052
	1,1-Dichloroethene	85.72	80	µg/L	107	60 - 140	7	0 - 20	Q20052
	1,1-Dichloropropene	83.44	80	µg/L	104	60 - 140	4	0 - 20	Q20052
	1,2,3-Trichlorobenzene	86.08	80	µg/L	108	60 - 140	2	0 - 20	Q20052
	1,2,3-Trichloropropane	84.56	80	µg/L	106	60 - 140	2	0 - 20	Q20052
	1,2,4-Trichlorobenzene	85.2	80	µg/L	107	60 - 140	3	0 - 20	Q20052
	1,2,4-Trimethylbenzene	95.92	80	µg/L	120	60 - 140	6	0 - 20	Q20052
	1,2-Dibromoethane (EDB)	86.6	80	µg/L	108	60 - 140	2	0 - 20	Q20052
	1,2-Dichlorobenzene	89.8	80	µg/L	112	60 - 140	2	0 - 20	Q20052
	1,2-Dichloroethane	82.64	80	µg/L	103	60 - 140	1	0 - 20	Q20052
	1,2-Dichloropropane	79.04	80	µg/L	99	60 - 140	2	0 - 20	Q20052
	1,3,5-Trimethylbenzene	96.72	80	µg/L	121	60 - 140	6	0 - 20	Q20052
	1,3-Dichlorobenzene	86.28	80	µg/L	108	60 - 140	3	0 - 20	Q20052
	1,3-Dichloropropane	81.8	80	µg/L	102	60 - 140	2	0 - 20	Q20052
	1,4-Dichlorobenzene	81.4	80	µg/L	102	60 - 140	3	0 - 20	Q20052
	2,2-Dichloropropane	98.32	80	µg/L	123	60 - 140	4	0 - 20	Q20052
	2-Chlorotoluene	90.44	80	µg/L	113	60 - 140	6	0 - 20	Q20052
	4-Chlorotoluene	90.48	80	µg/L	113	60 - 140	3	0 - 20	Q20052
	Benzene	88.08	80	µg/L	110	60 - 140	2	0 - 20	Q20052
	Bromobenzene	85.48	80	µg/L	107	60 - 140	4	0 - 20	Q20052
	Bromochloromethane	84.24	80	µg/L	105	60 - 140	1	0 - 20	Q20052
	Bromodichloromethane	85.32	80	µg/L	107	60 - 140	2	0 - 20	Q20052
	Bromoform	72.56	80	µg/L	91	60 - 140	2	0 - 20	Q20052
	Bromomethane	83	80	µg/L	104	60 - 140	5	0 - 20	Q20052
	Carbon tetrachloride	84.32	80	µg/L	105	60 - 140	4	0 - 20	Q20052
	Chlorobenzene	84.4	80	µg/L	106	60 - 140	5	0 - 20	Q20052
	Chlorodibromomethane	81	80	µg/L	101	60 - 140	0	0 - 20	Q20052
	Chloroethane	90.84	80	µg/L	114	60 - 140	2	0 - 20	Q20052
	Chloroform	85	80	µg/L	106	60 - 140	1	0 - 20	Q20052
	Chloromethane	82.76	80	µg/L	103	60 - 140	6	0 - 20	Q20052

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Level II QC Report

12/29/2006

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davie Street

COC Group Number: G1206416
Date/Time Submitted: 12/14/200615:05

Matrix Spike Duplicate

Sample ID:	Result	Spike Amount	Units	Recovery %		Recovery Range %	RPD %	RPD Range %	QC Batch ID
cis-1,2-Dichloroethene	81.44	80	µg/L	102		60 - 140	3	0 - 20	Q20052
Dibromomethane	80.72	80	µg/L	101		60 - 140	1	0 - 20	Q20052
Dichlorodifluoromethane	76.2	80	µg/L	95		60 - 140	1	0 - 20	Q20052
Ethylbenzene	85.24	80	µg/L	107		60 - 140	5	0 - 20	Q20052
Hexachlorobutadiene	91.28	80	µg/L	114		60 - 140	6	0 - 20	Q20052
Isopropyl ether (IPE)	76.6	80	µg/L	96		60 - 140	1	0 - 20	Q20052
Isopropylbenzene	92.6	80	µg/L	116		60 - 140	6	0 - 20	Q20052
m,p-Xylenes	184.24	160	µg/L	115		60 - 140	2	0 - 20	Q20052
Methyl t-butyl ether (MTBE)	76.6	80	µg/L	96		60 - 140	0	0 - 20	Q20052
Methylene chloride	86.12	80	µg/L	108		60 - 140	2	0 - 20	Q20052
n-Butylbenzene	115	80	µg/L	143	#	60 - 140	6	0 - 20	Q20052
n-Propylbenzene	95.32	80	µg/L	119		60 - 140	8	0 - 20	Q20052
Naphthalene	81.24	80	µg/L	102		60 - 140	1	0 - 20	Q20052
o-Xylene	84.08	80	µg/L	105		60 - 140	4	0 - 20	Q20052
p-Isopropyltoluene	90.68	80	µg/L	113		60 - 140	6	0 - 20	Q20052
sec-Butylbenzene	94.2	80	µg/L	118		60 - 140	5	0 - 20	Q20052
Styrene	76.4	80	µg/L	96		60 - 140	4	0 - 20	Q20052
tert-Butylbenzene	88.68	80	µg/L	111		60 - 140	8	0 - 20	Q20052
Tetrachloroethene	91.84	80	µg/L	115		60 - 140	3	0 - 20	Q20052
Toluene	86.32	80	µg/L	108		60 - 140	3	0 - 20	Q20052
trans-1,2-Dichloroethene	87.64	80	µg/L	110		60 - 140	3	0 - 20	Q20052
Trichloroethene	82.56	80	µg/L	103		60 - 140	4	0 - 20	Q20052
Trichlorofluoromethane	80.04	80	µg/L	100		60 - 140	5	0 - 20	Q20052
Vinyl chloride	79.08	80	µg/L	99		60 - 140	3	0 - 20	Q20052

#-See Case Narrative

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: HART & HICKMAN, PC
Report To/Contact Name: KEVIN BUCHANAN
Reporting Address: 8601 SIX FORKS RD., SUITE 400 RALEIGH, NC 27615
Phone: 919847.4241 Fax (Yes) (No): 919847.4261
Email (Yes) (No) Email Address: KBUCHANAN@HARTHICKMAN.
EDD Type: ___ PDF ___ Excel ___ Other
Site Location Name: 500 E. DAVIE STREET
Site Location Physical Address: RALEIGH, NC

Project Name: 500 E. DAVIE STREET - RALEIGH, NC
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: SHARON ECKARD
Address: SAME

Purchase Order No./Billing Reference: RAL-001
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 1.0	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC ___ USACE ___ FL ___ NC ✓
SC ___ OTHER ___ N/A ___
Water Chlorinated: YES ___ NO ___
Sample Iced Upon Collection: YES ✓ NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	VOC's	SVOC's	pb, cr				REMARKS	PRISM LAB ID NO.
MW-2	12/13/06	1630	H2O	P, G	6	VARIES	VARIES	X	X	X					168977
MW-3	12/13/06	1655	H2O	P, G	6	↓	↓	X	X	X					168978
MW-5	12/13/06	1515	H2O	P, G	6	↓	↓	X	X	X					168979
BOILER ROOM	12/13/06	1500	H2O	P, G	6	↓	↓	X	X	X					168980
DUPLICATE	12/13/06	1630	H2O	P, G	4	↓	↓	X		X					168981
MS/MSD	12/13/06	1630	H2O	P, G	3	40ml	↓	X							168982

Sampler's Signature: [signature] Sampled By (Print Name): KEVIN BUCHANAN Affiliation: HART & HICKMAN, PC

PRESS DOWN FIRMLY - 3 COPIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	[signature]	12/13/06	1140
Relinquished By: (Signature) [signature]	Received By: (Signature) [signature]	12/14/06	1330
Relinquished By: (Signature) [signature]	Received For Prism Laboratories By: [signature]	12/14/06	1505

12/28/06 MO

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other _____

Log-in Group No.: G1206416

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ ___	☐ ___	☐ ___	☐ ___	☐ ___	☐ ___	☐ ___	☐ ___	☐ ___

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

PRISM LABORATORIES, INC.

Case Narrative

Date:	12/20/06	**Client Project ID:**	500 E. Davis St.
Company:	Hart & Hickman	**Prism COC Group No:**	G1206140
Contact:	Kevin Buchanan	**Collection Date(s):**	12/4/06 thru 12/5/06
Address:	8601 Six Forks Rd. Suite 400 Raleigh, NC 27615	**Lab Submittal Date(s):**	12/06/06

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 111 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

Semi Volatile Analysis

No Anomalies Reported

Volatile Analysis

No Anomalies Reported

Metals Analysis

Analysis Note for Q19738 MSD Arsenic: MSD recovery outside the control limits.

Analysis Note for Q19738 MSD Barium: MSD recovery outside the control limits.

Analysis Note for Q19775 MS Mercury: Matrix interference is suspected. Post-digestion spike recovery (116%) is outside the acceptance limits (85-115%).

Analysis Note for Q19775 MSD Mercury: MSD recovery outside the control limits.

Wet Lab and Micro Analysis

No Anomalies Reported

Please call if you have any questions relating to this analytical report.

Date Reviewed by:	Robbi A. Jones	**Project Manager:**	Angela D. Overcash
Signature:	Robbi A. Jones	**Signature:**	
Review Date:	12/20/06	**Approval Date:**	12/20/06

Data Qualifiers Key Reference:

B: Compound also detected in the method blank.
#: Result outside of the QC limits.
DO: Compound diluted out.
E: Estimated concentration, calibration range exceeded.
J: The analyte was positively identified but the value is estimated below the reporting limit.
H: Estimated concentration with a high bias.
L: Estimated concentration with a low bias.
M: A matrix effect is present.

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-5 (8-10')
Prism Sample ID: 168059
COC Group: G1206140
Time Collected: 12/04/06 10:35
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	82.8	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.5	0.54	1	8260B	12/10/06 4:45	erussell	Q19772
1,1,1-Trichloroethane	BRL	µg/kg	5.5	0.31	1	8260B	12/10/06 4:45	erussell	Q19772
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.5	0.56	1	8260B	12/10/06 4:45	erussell	Q19772
1,1,2-Trichloroethane	BRL	µg/kg	5.5	0.34	1	8260B	12/10/06 4:45	erussell	Q19772
1,1-Dichloroethane	BRL	µg/kg	5.5	0.40	1	8260B	12/10/06 4:45	erussell	Q19772
1,1-Dichloroethene	BRL	µg/kg	5.5	0.42	1	8260B	12/10/06 4:45	erussell	Q19772
1,1-Dichloropropene	BRL	µg/kg	5.5	0.48	1	8260B	12/10/06 4:45	erussell	Q19772
1,2,3-Trichlorobenzene	BRL	µg/kg	11	0.60	1	8260B	12/10/06 4:45	erussell	Q19772
1,2,3-Trichloropropane	BRL	µg/kg	5.5	0.48	1	8260B	12/10/06 4:45	erussell	Q19772
1,2,4-Trichlorobenzene	BRL	µg/kg	11	0.53	1	8260B	12/10/06 4:45	erussell	Q19772
1,2,4-Trimethylbenzene	BRL	µg/kg	11	0.42	1	8260B	12/10/06 4:45	erussell	Q19772
1,2-Dibromo-3-chloropropane	BRL	µg/kg	11	0.95	1	8260B	12/10/06 4:45	erussell	Q19772
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.5	0.099	1	8260B	12/10/06 4:45	erussell	Q19772
1,2-Dichlorobenzene	BRL	µg/kg	11	0.30	1	8260B	12/10/06 4:45	erussell	Q19772
1,2-Dichloroethane	BRL	µg/kg	5.5	0.55	1	8260B	12/10/06 4:45	erussell	Q19772
1,2-Dichloropropane	BRL	µg/kg	5.5	0.41	1	8260B	12/10/06 4:45	erussell	Q19772
1,3,5-Trimethylbenzene	BRL	µg/kg	11	0.46	1	8260B	12/10/06 4:45	erussell	Q19772
1,3-Dichlorobenzene	BRL	µg/kg	11	0.47	1	8260B	12/10/06 4:45	erussell	Q19772
1,3-Dichloropropane	BRL	µg/kg	5.5	0.37	1	8260B	12/10/06 4:45	erussell	Q19772
1,4-Dichlorobenzene	BRL	µg/kg	11	0.43	1	8260B	12/10/06 4:45	erussell	Q19772
2,2-Dichloropropane	BRL	µg/kg	5.5	0.27	1	8260B	12/10/06 4:45	erussell	Q19772
2-Chloroethyl vinyl ether	BRL	µg/kg	11	0.41	1	8260B	12/10/06 4:45	erussell	Q19772
2-Chlorotoluene	BRL	µg/kg	11	0.41	1	8260B	12/10/06 4:45	erussell	Q19772
2-Hexanone	BRL	µg/kg	55	0.57	1	8260B	12/10/06 4:45	erussell	Q19772
4-Chlorotoluene	BRL	µg/kg	11	0.29	1	8260B	12/10/06 4:45	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-5 (8-10')
Prism Sample ID: 168059
COC Group: G1206140
Time Collected: 12/04/06 10:35
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	11	0.55	1	8260B	12/10/06 4:45	erussell	Q19772
Acetone	BRL	µg/kg	22	2.2	1	8260B	12/10/06 4:45	erussell	Q19772
Benzene	BRL	µg/kg	3.3	0.44	1	8260B	12/10/06 4:45	erussell	Q19772
Bromobenzene	BRL	µg/kg	5.5	0.38	1	8260B	12/10/06 4:45	erussell	Q19772
Bromochloromethane	BRL	µg/kg	5.5	0.33	1	8260B	12/10/06 4:45	erussell	Q19772
Bromodichloromethane	BRL	µg/kg	5.5	0.48	1	8260B	12/10/06 4:45	erussell	Q19772
Bromoform	BRL	µg/kg	5.5	0.41	1	8260B	12/10/06 4:45	erussell	Q19772
Bromomethane	BRL	µg/kg	11	0.64	1	8260B	12/10/06 4:45	erussell	Q19772
Carbon disulfide	BRL	µg/kg	11	0.35	1	8260B	12/10/06 4:45	erussell	Q19772
Carbon tetrachloride	BRL	µg/kg	5.5	0.32	1	8260B	12/10/06 4:45	erussell	Q19772
Chlorobenzene	BRL	µg/kg	5.5	0.42	1	8260B	12/10/06 4:45	erussell	Q19772
Chlorodibromomethane	BRL	µg/kg	5.5	0.37	1	8260B	12/10/06 4:45	erussell	Q19772
Chloroethane	BRL	µg/kg	11	0.45	1	8260B	12/10/06 4:45	erussell	Q19772
Chloroform	BRL	µg/kg	5.5	0.41	1	8260B	12/10/06 4:45	erussell	Q19772
Chloromethane	BRL	µg/kg	11	0.38	1	8260B	12/10/06 4:45	erussell	Q19772
cis-1,2-Dichloroethene	BRL	µg/kg	5.5	0.24	1	8260B	12/10/06 4:45	erussell	Q19772
cis-1,3-Dichloropropene	BRL	µg/kg	5.5	0.35	1	8260B	12/10/06 4:45	erussell	Q19772
Dibromomethane	BRL	µg/kg	5.5	0.41	1	8260B	12/10/06 4:45	erussell	Q19772
Dichlorodifluoromethane	BRL	µg/kg	11	1.2	1	8260B	12/10/06 4:45	erussell	Q19772
Ethylbenzene	BRL	µg/kg	5.5	0.38	1	8260B	12/10/06 4:45	erussell	Q19772
Hexachlorobutadiene	BRL	µg/kg	16	0.68	1	8260B	12/10/06 4:45	erussell	Q19772
Isopropyl ether (IPE)	BRL	µg/kg	5.5	0.19	1	8260B	12/10/06 4:45	erussell	Q19772
Isopropylbenzene	BRL	µg/kg	11	0.44	1	8260B	12/10/06 4:45	erussell	Q19772
m,p-Xylenes	2.6 J	µg/kg	11	0.77	1	8260B	12/10/06 4:45	erussell	Q19772
Methyl ethyl ketone (MEK)	BRL	µg/kg	22	1.5	1	8260B	12/10/06 4:45	erussell	Q19772
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.5	0.32	1	8260B	12/10/06 4:45	erussell	Q19772
Methylene chloride	BRL	µg/kg	11	0.45	1	8260B	12/10/06 4:45	erussell	Q19772
n-Butylbenzene	BRL	µg/kg	16	0.44	1	8260B	12/10/06 4:45	erussell	Q19772

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Sample Matrix: Soil

Client Sample ID: SB-5 (8-10')
Prism Sample ID: 168059
COC Group: G1206140
Time Collected: 12/04/06 10:35
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	11	0.33	1	8260B	12/10/06 4:45	erussell	Q19772
Naphthalene	**BRL**	µg/kg	5.5	0.64	1	8260B	12/10/06 4:45	erussell	Q19772
o-Xylene	**BRL**	µg/kg	5.5	0.33	1	8260B	12/10/06 4:45	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	16	0.45	1	8260B	12/10/06 4:45	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	16	0.36	1	8260B	12/10/06 4:45	erussell	Q19772
Styrene	**BRL**	µg/kg	5.5	0.55	1	8260B	12/10/06 4:45	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	22	0.34	1	8260B	12/10/06 4:45	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	11	0.95	1	8260B	12/10/06 4:45	erussell	Q19772
Toluene	**10**	µg/kg	5.5	0.37	1	8260B	12/10/06 4:45	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	5.5	0.42	1	8260B	12/10/06 4:45	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	5.5	0.38	1	8260B	12/10/06 4:45	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	5.5	0.33	1	8260B	12/10/06 4:45	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	5.5	0.45	1	8260B	12/10/06 4:45	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	11	0.70	1	8260B	12/10/06 4:45	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	105	77 - 128
Dibromofluoromethane	98	67 - 143
Toluene-d8	99	81 - 128

Sample Weight Determination

Weight Bisulfate 1	**5.49**	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**5.55**	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	**5.42**	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	400	66	1	8270C	12/12/06 1:38	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	400	54	1	8270C	12/12/06 1:38	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	400	41	1	8270C	12/12/06 1:38	kelliot	Q19784

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Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	400	33	1	8270C	12/12/06 1:38	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	400	89	1	8270C	12/12/06 1:38	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	400	84	1	8270C	12/12/06 1:38	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	400	82	1	8270C	12/12/06 1:38	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	400	77	1	8270C	12/12/06 1:38	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	400	99	1	8270C	12/12/06 1:38	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	400	61	1	8270C	12/12/06 1:38	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	400	47	1	8270C	12/12/06 1:38	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	400	65	1	8270C	12/12/06 1:38	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	400	40	1	8270C	12/12/06 1:38	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	400	67	1	8270C	12/12/06 1:38	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	400	64	1	8270C	12/12/06 1:38	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	400	51	1	8270C	12/12/06 1:38	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	400	63	1	8270C	12/12/06 1:38	kelliot	Q19784
3,3´-Dichlorobenzidine	BRL	µg/kg	400	140	1	8270C	12/12/06 1:38	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	400	89	1	8270C	12/12/06 1:38	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	400	66	1	8270C	12/12/06 1:38	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	400	75	1	8270C	12/12/06 1:38	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	400	60	1	8270C	12/12/06 1:38	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	400	99	1	8270C	12/12/06 1:38	kelliot	Q19784
Acenaphthene	BRL	µg/kg	400	76	1	8270C	12/12/06 1:38	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	400	75	1	8270C	12/12/06 1:38	kelliot	Q19784
Anthracene	BRL	µg/kg	400	48	1	8270C	12/12/06 1:38	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	400	78	1	8270C	12/12/06 1:38	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	400	40	1	8270C	12/12/06 1:38	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	400	53	1	8270C	12/12/06 1:38	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	400	92	1	8270C	12/12/06 1:38	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	400	47	1	8270C	12/12/06 1:38	kelliot	Q19784

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Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	BRL	µg/kg	400	76	1	8270C	12/12/06 1:38	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	400	28	1	8270C	12/12/06 1:38	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	400	55	1	8270C	12/12/06 1:38	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	400	43	1	8270C	12/12/06 1:38	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	400	41	1	8270C	12/12/06 1:38	kelliot	Q19784
Chrysene	BRL	µg/kg	400	75	1	8270C	12/12/06 1:38	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	400	54	1	8270C	12/12/06 1:38	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	400	69	1	8270C	12/12/06 1:38	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	400	94	1	8270C	12/12/06 1:38	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	400	73	1	8270C	12/12/06 1:38	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	400	40	1	8270C	12/12/06 1:38	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	400	54	1	8270C	12/12/06 1:38	kelliot	Q19784
Fluoranthene	BRL	µg/kg	400	48	1	8270C	12/12/06 1:38	kelliot	Q19784
Fluorene	BRL	µg/kg	400	75	1	8270C	12/12/06 1:38	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	400	58	1	8270C	12/12/06 1:38	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	400	52	1	8270C	12/12/06 1:38	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	400	92	1	8270C	12/12/06 1:38	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	400	53	1	8270C	12/12/06 1:38	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	400	100	1	8270C	12/12/06 1:38	kelliot	Q19784
Isophorone	BRL	µg/kg	400	73	1	8270C	12/12/06 1:38	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	400	72	1	8270C	12/12/06 1:38	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	400	58	1	8270C	12/12/06 1:38	kelliot	Q19784
Naphthalene	BRL	µg/kg	400	55	1	8270C	12/12/06 1:38	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	400	72	1	8270C	12/12/06 1:38	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	400	52	1	8270C	12/12/06 1:38	kelliot	Q19784
Phenanthrene	BRL	µg/kg	400	45	1	8270C	12/12/06 1:38	kelliot	Q19784
Phenol	BRL	µg/kg	400	48	1	8270C	12/12/06 1:38	kelliot	Q19784
Pyrene	BRL	µg/kg	400	31	1	8270C	12/12/06 1:38	kelliot	Q19784

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-5 (8-10')
Prism Sample ID: 168059
COC Group: G1206140
Time Collected: 12/04/06 10:35
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			30.08 g /		1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2-Fluorobiphenyl	84	21 - 108
2-Fluorophenol	75	14 - 89
Nitrobenzene-d5	77	14 - 103
2,4,6-Tribromophenol	93	25 - 123
Phenol-d5	82	13 - 95
Terphenyl-d14	99	41 - 136

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Metals by ICP									
Chromium	**8.7**	mg/kg	0.91	0.054	3	6010B	12/08/06 14:21	mcampbell	Q19756
Lead	**16**	mg/kg	0.91	0.076	3	6010B	12/08/06 14:21	mcampbell	Q19756
Sample Preparation:			2 g /		50 mL	3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-6 (4-6')
Prism Sample ID: 168060
COC Group: G1206140
Time Collected: 12/04/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**80.3**	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	**BRL**	µg/kg	6.0	0.59	1	8260B	12/10/06 5:17	erussell	Q19772
1,1,1-Trichloroethane	**BRL**	µg/kg	6.0	0.34	1	8260B	12/10/06 5:17	erussell	Q19772
1,1,2,2-Tetrachloroethane	**BRL**	µg/kg	6.0	0.61	1	8260B	12/10/06 5:17	erussell	Q19772
1,1,2-Trichloroethane	**BRL**	µg/kg	6.0	0.37	1	8260B	12/10/06 5:17	erussell	Q19772
1,1-Dichloroethane	**BRL**	µg/kg	6.0	0.43	1	8260B	12/10/06 5:17	erussell	Q19772
1,1-Dichloroethene	**BRL**	µg/kg	6.0	0.46	1	8260B	12/10/06 5:17	erussell	Q19772
1,1-Dichloropropene	**BRL**	µg/kg	6.0	0.53	1	8260B	12/10/06 5:17	erussell	Q19772
1,2,3-Trichlorobenzene	**BRL**	µg/kg	12	0.66	1	8260B	12/10/06 5:17	erussell	Q19772
1,2,3-Trichloropropane	**BRL**	µg/kg	6.0	0.53	1	8260B	12/10/06 5:17	erussell	Q19772
1,2,4-Trichlorobenzene	**BRL**	µg/kg	12	0.58	1	8260B	12/10/06 5:17	erussell	Q19772
1,2,4-Trimethylbenzene	**BRL**	µg/kg	12	0.46	1	8260B	12/10/06 5:17	erussell	Q19772
1,2-Dibromo-3-chloropropane	**BRL**	µg/kg	12	0.98	1	8260B	12/10/06 5:17	erussell	Q19772
1,2-Dibromoethane (EDB)	**BRL**	µg/kg	6.0	0.11	1	8260B	12/10/06 5:17	erussell	Q19772
1,2-Dichlorobenzene	**BRL**	µg/kg	12	0.32	1	8260B	12/10/06 5:17	erussell	Q19772
1,2-Dichloroethane	**BRL**	µg/kg	6.0	0.60	1	8260B	12/10/06 5:17	erussell	Q19772
1,2-Dichloropropane	**BRL**	µg/kg	6.0	0.44	1	8260B	12/10/06 5:17	erussell	Q19772
1,3,5-Trimethylbenzene	**BRL**	µg/kg	12	0.50	1	8260B	12/10/06 5:17	erussell	Q19772
1,3-Dichlorobenzene	**BRL**	µg/kg	12	0.52	1	8260B	12/10/06 5:17	erussell	Q19772
1,3-Dichloropropane	**BRL**	µg/kg	6.0	0.41	1	8260B	12/10/06 5:17	erussell	Q19772
1,4-Dichlorobenzene	**BRL**	µg/kg	12	0.47	1	8260B	12/10/06 5:17	erussell	Q19772
2,2-Dichloropropane	**BRL**	µg/kg	6.0	0.30	1	8260B	12/10/06 5:17	erussell	Q19772
2-Chloroethyl vinyl ether	**BRL**	µg/kg	12	0.44	1	8260B	12/10/06 5:17	erussell	Q19772
2-Chlorotoluene	**BRL**	µg/kg	12	0.44	1	8260B	12/10/06 5:17	erussell	Q19772
2-Hexanone	**BRL**	µg/kg	60	0.63	1	8260B	12/10/06 5:17	erussell	Q19772
4-Chlorotoluene	**BRL**	µg/kg	12	0.31	1	8260B	12/10/06 5:17	erussell	Q19772

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-6 (4-6')
Prism Sample ID: 168060
COC Group: G1206140
Time Collected: 12/04/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	12	0.60	1	8260B	12/10/06 5:17	erussell	Q19772
Acetone	BRL	µg/kg	24	2.4	1	8260B	12/10/06 5:17	erussell	Q19772
Benzene	BRL	µg/kg	3.6	0.48	1	8260B	12/10/06 5:17	erussell	Q19772
Bromobenzene	BRL	µg/kg	6.0	0.42	1	8260B	12/10/06 5:17	erussell	Q19772
Bromochloromethane	BRL	µg/kg	6.0	0.36	1	8260B	12/10/06 5:17	erussell	Q19772
Bromodichloromethane	BRL	µg/kg	6.0	0.53	1	8260B	12/10/06 5:17	erussell	Q19772
Bromoform	BRL	µg/kg	6.0	0.44	1	8260B	12/10/06 5:17	erussell	Q19772
Bromomethane	BRL	µg/kg	12	0.70	1	8260B	12/10/06 5:17	erussell	Q19772
Carbon disulfide	BRL	µg/kg	12	0.38	1	8260B	12/10/06 5:17	erussell	Q19772
Carbon tetrachloride	BRL	µg/kg	6.0	0.35	1	8260B	12/10/06 5:17	erussell	Q19772
Chlorobenzene	BRL	µg/kg	6.0	0.46	1	8260B	12/10/06 5:17	erussell	Q19772
Chlorodibromomethane	BRL	µg/kg	6.0	0.41	1	8260B	12/10/06 5:17	erussell	Q19772
Chloroethane	BRL	µg/kg	12	0.49	1	8260B	12/10/06 5:17	erussell	Q19772
Chloroform	BRL	µg/kg	6.0	0.44	1	8260B	12/10/06 5:17	erussell	Q19772
Chloromethane	BRL	µg/kg	12	0.42	1	8260B	12/10/06 5:17	erussell	Q19772
cis-1,2-Dichloroethene	BRL	µg/kg	6.0	0.26	1	8260B	12/10/06 5:17	erussell	Q19772
cis-1,3-Dichloropropene	BRL	µg/kg	6.0	0.38	1	8260B	12/10/06 5:17	erussell	Q19772
Dibromomethane	BRL	µg/kg	6.0	0.44	1	8260B	12/10/06 5:17	erussell	Q19772
Dichlorodifluoromethane	BRL	µg/kg	12	1.3	1	8260B	12/10/06 5:17	erussell	Q19772
Ethylbenzene	BRL	µg/kg	6.0	0.42	1	8260B	12/10/06 5:17	erussell	Q19772
Hexachlorobutadiene	BRL	µg/kg	18	0.75	1	8260B	12/10/06 5:17	erussell	Q19772
Isopropyl ether (IPE)	BRL	µg/kg	6.0	0.20	1	8260B	12/10/06 5:17	erussell	Q19772
Isopropylbenzene	BRL	µg/kg	12	0.48	1	8260B	12/10/06 5:17	erussell	Q19772
m,p-Xylenes	BRL	µg/kg	12	0.84	1	8260B	12/10/06 5:17	erussell	Q19772
Methyl ethyl ketone (MEK)	BRL	µg/kg	24	1.7	1	8260B	12/10/06 5:17	erussell	Q19772
Methyl t-butyl ether (MTBE)	BRL	µg/kg	6.0	0.35	1	8260B	12/10/06 5:17	erussell	Q19772
Methylene chloride	BRL	µg/kg	12	0.49	1	8260B	12/10/06 5:17	erussell	Q19772
n-Butylbenzene	BRL	µg/kg	18	0.48	1	8260B	12/10/06 5:17	erussell	Q19772

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Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-6 (4-6')
Prism Sample ID: 168060
COC Group: G1206140
Time Collected: 12/04/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	12	0.36	1	8260B	12/10/06 5:17	erussell	Q19772
Naphthalene	**BRL**	µg/kg	6.0	0.70	1	8260B	12/10/06 5:17	erussell	Q19772
o-Xylene	**BRL**	µg/kg	6.0	0.36	1	8260B	12/10/06 5:17	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	18	0.49	1	8260B	12/10/06 5:17	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	18	0.40	1	8260B	12/10/06 5:17	erussell	Q19772
Styrene	**BRL**	µg/kg	6.0	0.60	1	8260B	12/10/06 5:17	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	24	0.37	1	8260B	12/10/06 5:17	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	12	1.0	1	8260B	12/10/06 5:17	erussell	Q19772
Toluene	**BRL**	µg/kg	6.0	0.41	1	8260B	12/10/06 5:17	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	6.0	0.46	1	8260B	12/10/06 5:17	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	6.0	0.42	1	8260B	12/10/06 5:17	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	6.0	0.36	1	8260B	12/10/06 5:17	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	6.0	0.49	1	8260B	12/10/06 5:17	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	12	0.77	1	8260B	12/10/06 5:17	erussell	Q19772

Surrogate	% Recovery	Control Limits
Dibromofluoromethane	101	67 - 143
Toluene-d8	100	81 - 128
Bromofluorobenzene	106	77 - 128

Sample Weight Determination

Weight Bisulfate 1	**5.18**	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**5.42**	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	**5.19**	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	410	69	1	8270C	12/11/06 23:07	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	410	56	1	8270C	12/11/06 23:07	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	410	42	1	8270C	12/11/06 23:07	kelliot	Q19784

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-6 (4-6')
Prism Sample ID: 168060
COC Group: G1206140
Time Collected: 12/04/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	410	34	1	8270C	12/11/06 23:07	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	410	92	1	8270C	12/11/06 23:07	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	410	87	1	8270C	12/11/06 23:07	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	410	85	1	8270C	12/11/06 23:07	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	410	80	1	8270C	12/11/06 23:07	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	410	100	1	8270C	12/11/06 23:07	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	410	64	1	8270C	12/11/06 23:07	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	410	49	1	8270C	12/11/06 23:07	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	410	67	1	8270C	12/11/06 23:07	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	410	41	1	8270C	12/11/06 23:07	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	410	70	1	8270C	12/11/06 23:07	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	410	66	1	8270C	12/11/06 23:07	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	410	52	1	8270C	12/11/06 23:07	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	410	65	1	8270C	12/11/06 23:07	kelliot	Q19784
3,3'-Dichlorobenzidine	BRL	µg/kg	410	140	1	8270C	12/11/06 23:07	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	410	92	1	8270C	12/11/06 23:07	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	410	69	1	8270C	12/11/06 23:07	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	410	77	1	8270C	12/11/06 23:07	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	410	62	1	8270C	12/11/06 23:07	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	410	100	1	8270C	12/11/06 23:07	kelliot	Q19784
Acenaphthene	BRL	µg/kg	410	79	1	8270C	12/11/06 23:07	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	410	77	1	8270C	12/11/06 23:07	kelliot	Q19784
Anthracene	BRL	µg/kg	410	50	1	8270C	12/11/06 23:07	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	410	81	1	8270C	12/11/06 23:07	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	410	41	1	8270C	12/11/06 23:07	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	410	55	1	8270C	12/11/06 23:07	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	410	95	1	8270C	12/11/06 23:07	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	410	49	1	8270C	12/11/06 23:07	kelliot	Q19784

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Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-6 (4-6')
Prism Sample ID: 168060
COC Group: G1206140
Time Collected: 12/04/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	BRL	µg/kg	410	79	1	8270C	12/11/06 23:07	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	410	29	1	8270C	12/11/06 23:07	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	410	57	1	8270C	12/11/06 23:07	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	410	45	1	8270C	12/11/06 23:07	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	410	42	1	8270C	12/11/06 23:07	kelliot	Q19784
Chrysene	BRL	µg/kg	410	77	1	8270C	12/11/06 23:07	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	410	56	1	8270C	12/11/06 23:07	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	410	71	1	8270C	12/11/06 23:07	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	410	97	1	8270C	12/11/06 23:07	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	410	76	1	8270C	12/11/06 23:07	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	410	41	1	8270C	12/11/06 23:07	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	410	56	1	8270C	12/11/06 23:07	kelliot	Q19784
Fluoranthene	BRL	µg/kg	410	50	1	8270C	12/11/06 23:07	kelliot	Q19784
Fluorene	BRL	µg/kg	410	77	1	8270C	12/11/06 23:07	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	410	60	1	8270C	12/11/06 23:07	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	410	54	1	8270C	12/11/06 23:07	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	410	95	1	8270C	12/11/06 23:07	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	410	55	1	8270C	12/11/06 23:07	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	410	100	1	8270C	12/11/06 23:07	kelliot	Q19784
Isophorone	BRL	µg/kg	410	76	1	8270C	12/11/06 23:07	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	410	75	1	8270C	12/11/06 23:07	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	410	60	1	8270C	12/11/06 23:07	kelliot	Q19784
Naphthalene	BRL	µg/kg	410	57	1	8270C	12/11/06 23:07	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	410	75	1	8270C	12/11/06 23:07	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	410	54	1	8270C	12/11/06 23:07	kelliot	Q19784
Phenanthrene	BRL	µg/kg	410	46	1	8270C	12/11/06 23:07	kelliot	Q19784
Phenol	BRL	µg/kg	410	50	1	8270C	12/11/06 23:07	kelliot	Q19784
Pyrene	BRL	µg/kg	410	32	1	8270C	12/11/06 23:07	kelliot	Q19784

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-6 (4-6')
Prism Sample ID: 168060
COC Group: G1206140
Time Collected: 12/04/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			29.96 g /		1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	99	25 - 123
2-Fluorobiphenyl	81	21 - 108
2-Fluorophenol	71	14 - 89
Nitrobenzene-d5	74	14 - 103
Phenol-d5	78	13 - 95
Terphenyl-d14	98	41 - 136

Metals by ICP									
Chromium	**16**	mg/kg	0.92	0.055	3	6010B	12/08/06 14:42	mcampbell	Q19756
Lead	**18**	mg/kg	0.92	0.077	3	6010B	12/08/06 14:42	mcampbell	Q19756
Sample Preparation:			2.04 g /		50 mL	3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-9 (0-2')
Prism Sample ID: 168061
COC Group: G1206140
Time Collected: 12/04/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	83.4	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.3	0.52	1	8260B	12/10/06 5:48	erussell	Q19772
1,1,1-Trichloroethane	BRL	µg/kg	5.3	0.30	1	8260B	12/10/06 5:48	erussell	Q19772
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.3	0.54	1	8260B	12/10/06 5:48	erussell	Q19772
1,1,2-Trichloroethane	BRL	µg/kg	5.3	0.33	1	8260B	12/10/06 5:48	erussell	Q19772
1,1-Dichloroethane	BRL	µg/kg	5.3	0.38	1	8260B	12/10/06 5:48	erussell	Q19772
1,1-Dichloroethene	BRL	µg/kg	5.3	0.41	1	8260B	12/10/06 5:48	erussell	Q19772
1,1-Dichloropropene	BRL	µg/kg	5.3	0.47	1	8260B	12/10/06 5:48	erussell	Q19772
1,2,3-Trichlorobenzene	BRL	µg/kg	11	0.59	1	8260B	12/10/06 5:48	erussell	Q19772
1,2,3-Trichloropropane	BRL	µg/kg	5.3	0.47	1	8260B	12/10/06 5:48	erussell	Q19772
1,2,4-Trichlorobenzene	BRL	µg/kg	11	0.51	1	8260B	12/10/06 5:48	erussell	Q19772
1,2,4-Trimethylbenzene	BRL	µg/kg	11	0.41	1	8260B	12/10/06 5:48	erussell	Q19772
1,2-Dibromo-3-chloropropane	BRL	µg/kg	11	0.95	1	8260B	12/10/06 5:48	erussell	Q19772
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.3	0.096	1	8260B	12/10/06 5:48	erussell	Q19772
1,2-Dichlorobenzene	BRL	µg/kg	11	0.29	1	8260B	12/10/06 5:48	erussell	Q19772
1,2-Dichloroethane	BRL	µg/kg	5.3	0.53	1	8260B	12/10/06 5:48	erussell	Q19772
1,2-Dichloropropane	BRL	µg/kg	5.3	0.39	1	8260B	12/10/06 5:48	erussell	Q19772
1,3,5-Trimethylbenzene	BRL	µg/kg	11	0.45	1	8260B	12/10/06 5:48	erussell	Q19772
1,3-Dichlorobenzene	BRL	µg/kg	11	0.46	1	8260B	12/10/06 5:48	erussell	Q19772
1,3-Dichloropropane	BRL	µg/kg	5.3	0.36	1	8260B	12/10/06 5:48	erussell	Q19772
1,4-Dichlorobenzene	BRL	µg/kg	11	0.42	1	8260B	12/10/06 5:48	erussell	Q19772
2,2-Dichloropropane	BRL	µg/kg	5.3	0.27	1	8260B	12/10/06 5:48	erussell	Q19772
2-Chloroethyl vinyl ether	BRL	µg/kg	11	0.39	1	8260B	12/10/06 5:48	erussell	Q19772
2-Chlorotoluene	BRL	µg/kg	11	0.39	1	8260B	12/10/06 5:48	erussell	Q19772
2-Hexanone	BRL	µg/kg	53	0.55	1	8260B	12/10/06 5:48	erussell	Q19772
4-Chlorotoluene	BRL	µg/kg	11	0.28	1	8260B	12/10/06 5:48	erussell	Q19772

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NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-9 (0-2')
Prism Sample ID: 168061
COC Group: G1206140
Time Collected: 12/04/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	**BRL**	µg/kg	11	0.53	1	8260B	12/10/06 5:48	erussell	Q19772
Acetone	**51**	µg/kg	21	2.1	1	8260B	12/10/06 5:48	erussell	Q19772
Benzene	**BRL**	µg/kg	3.2	0.43	1	8260B	12/10/06 5:48	erussell	Q19772
Bromobenzene	**BRL**	µg/kg	5.3	0.37	1	8260B	12/10/06 5:48	erussell	Q19772
Bromochloromethane	**BRL**	µg/kg	5.3	0.32	1	8260B	12/10/06 5:48	erussell	Q19772
Bromodichloromethane	**BRL**	µg/kg	5.3	0.47	1	8260B	12/10/06 5:48	erussell	Q19772
Bromoform	**BRL**	µg/kg	5.3	0.39	1	8260B	12/10/06 5:48	erussell	Q19772
Bromomethane	**BRL**	µg/kg	11	0.62	1	8260B	12/10/06 5:48	erussell	Q19772
Carbon disulfide	**BRL**	µg/kg	11	0.34	1	8260B	12/10/06 5:48	erussell	Q19772
Carbon tetrachloride	**BRL**	µg/kg	5.3	0.31	1	8260B	12/10/06 5:48	erussell	Q19772
Chlorobenzene	**BRL**	µg/kg	5.3	0.41	1	8260B	12/10/06 5:48	erussell	Q19772
Chlorodibromomethane	**BRL**	µg/kg	5.3	0.36	1	8260B	12/10/06 5:48	erussell	Q19772
Chloroethane	**BRL**	µg/kg	11	0.44	1	8260B	12/10/06 5:48	erussell	Q19772
Chloroform	**BRL**	µg/kg	5.3	0.39	1	8260B	12/10/06 5:48	erussell	Q19772
Chloromethane	**BRL**	µg/kg	11	0.37	1	8260B	12/10/06 5:48	erussell	Q19772
cis-1,2-Dichloroethene	**BRL**	µg/kg	5.3	0.23	1	8260B	12/10/06 5:48	erussell	Q19772
cis-1,3-Dichloropropene	**BRL**	µg/kg	5.3	0.34	1	8260B	12/10/06 5:48	erussell	Q19772
Dibromomethane	**BRL**	µg/kg	5.3	0.39	1	8260B	12/10/06 5:48	erussell	Q19772
Dichlorodifluoromethane	**BRL**	µg/kg	11	1.2	1	8260B	12/10/06 5:48	erussell	Q19772
Ethylbenzene	**BRL**	µg/kg	5.3	0.37	1	8260B	12/10/06 5:48	erussell	Q19772
Hexachlorobutadiene	**BRL**	µg/kg	16	0.66	1	8260B	12/10/06 5:48	erussell	Q19772
Isopropyl ether (IPE)	**BRL**	µg/kg	5.3	0.18	1	8260B	12/10/06 5:48	erussell	Q19772
Isopropylbenzene	**BRL**	µg/kg	11	0.43	1	8260B	12/10/06 5:48	erussell	Q19772
m,p-Xylenes	**BRL**	µg/kg	11	0.75	1	8260B	12/10/06 5:48	erussell	Q19772
Methyl ethyl ketone (MEK)	**BRL**	µg/kg	21	1.5	1	8260B	12/10/06 5:48	erussell	Q19772
Methyl t-butyl ether (MTBE)	**BRL**	µg/kg	5.3	0.31	1	8260B	12/10/06 5:48	erussell	Q19772
Methylene chloride	**BRL**	µg/kg	11	0.44	1	8260B	12/10/06 5:48	erussell	Q19772
n-Butylbenzene	**BRL**	µg/kg	16	0.43	1	8260B	12/10/06 5:48	erussell	Q19772

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Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-9 (0-2')
Prism Sample ID: 168061
COC Group: G1206140
Time Collected: 12/04/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	11	0.32	1	8260B	12/10/06 5:48	erussell	Q19772
Naphthalene	**7.8**	µg/kg	5.3	0.62	1	8260B	12/10/06 5:48	erussell	Q19772
o-Xylene	**BRL**	µg/kg	5.3	0.32	1	8260B	12/10/06 5:48	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	16	0.44	1	8260B	12/10/06 5:48	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	16	0.35	1	8260B	12/10/06 5:48	erussell	Q19772
Styrene	**BRL**	µg/kg	5.3	0.53	1	8260B	12/10/06 5:48	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	21	0.33	1	8260B	12/10/06 5:48	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	11	0.92	1	8260B	12/10/06 5:48	erussell	Q19772
Toluene	**BRL**	µg/kg	5.3	0.36	1	8260B	12/10/06 5:48	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	5.3	0.41	1	8260B	12/10/06 5:48	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	5.3	0.37	1	8260B	12/10/06 5:48	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	5.3	0.32	1	8260B	12/10/06 5:48	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	5.3	0.44	1	8260B	12/10/06 5:48	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	11	0.68	1	8260B	12/10/06 5:48	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	109	77 - 128
Dibromofluoromethane	101	67 - 143
Toluene-d8	100	81 - 128

Sample Weight Determination

Weight Bisulfate 1	**5.62**	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**5.42**	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	**5.71**	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	2000	330	5	8270C	12/13/06 11:13	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	2000	270	5	8270C	12/13/06 11:13	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	2000	200	5	8270C	12/13/06 11:13	kelliot	Q19784

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-9 (0-2')
Prism Sample ID: 168061
COC Group: G1206140
Time Collected: 12/04/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	**BRL**	µg/kg	2000	160	5	8270C	12/13/06 11:13	kelliot	Q19784
2,4,5-Trichlorophenol	**BRL**	µg/kg	2000	440	5	8270C	12/13/06 11:13	kelliot	Q19784
2,4,6-Trichlorophenol	**BRL**	µg/kg	2000	420	5	8270C	12/13/06 11:13	kelliot	Q19784
2,4-Dichlorophenol	**BRL**	µg/kg	2000	410	5	8270C	12/13/06 11:13	kelliot	Q19784
2,4-Dimethylphenol	**BRL**	µg/kg	2000	380	5	8270C	12/13/06 11:13	kelliot	Q19784
2,4-Dinitrophenol	**BRL**	µg/kg	2000	490	5	8270C	12/13/06 11:13	kelliot	Q19784
2,4-Dinitrotoluene	**BRL**	µg/kg	2000	310	5	8270C	12/13/06 11:13	kelliot	Q19784
2,6-Dinitrotoluene	**BRL**	µg/kg	2000	230	5	8270C	12/13/06 11:13	kelliot	Q19784
2-Chloronaphthalene	**BRL**	µg/kg	2000	320	5	8270C	12/13/06 11:13	kelliot	Q19784
2-Chlorophenol	**BRL**	µg/kg	2000	200	5	8270C	12/13/06 11:13	kelliot	Q19784
2-Methylnaphthalene	**28000**	µg/kg	7900	1300	20	8270C	12/13/06 14:32	kelliot	Q19784
2-Methylphenol	**BRL**	µg/kg	2000	320	5	8270C	12/13/06 11:13	kelliot	Q19784
2-Nitrophenol	**BRL**	µg/kg	2000	250	5	8270C	12/13/06 11:13	kelliot	Q19784
3&4-Methylphenol	**BRL**	µg/kg	2000	310	5	8270C	12/13/06 11:13	kelliot	Q19784
3,3´-Dichlorobenzidine	**BRL**	µg/kg	2000	680	5	8270C	12/13/06 11:13	kelliot	Q19784
4,6-Dinitro-2-methylphenol	**BRL**	µg/kg	2000	440	5	8270C	12/13/06 11:13	kelliot	Q19784
4-Bromophenylphenylether	**BRL**	µg/kg	2000	330	5	8270C	12/13/06 11:13	kelliot	Q19784
4-Chloro-3-methylphenol	**BRL**	µg/kg	2000	370	5	8270C	12/13/06 11:13	kelliot	Q19784
4-Chlorophenylphenylether	**BRL**	µg/kg	2000	300	5	8270C	12/13/06 11:13	kelliot	Q19784
4-Nitrophenol	**BRL**	µg/kg	2000	490	5	8270C	12/13/06 11:13	kelliot	Q19784
Acenaphthene	**BRL**	µg/kg	2000	380	5	8270C	12/13/06 11:13	kelliot	Q19784
Acenaphthylene	**BRL**	µg/kg	2000	370	5	8270C	12/13/06 11:13	kelliot	Q19784
Anthracene	**BRL**	µg/kg	2000	240	5	8270C	12/13/06 11:13	kelliot	Q19784
Benzo(a)anthracene	**BRL**	µg/kg	2000	390	5	8270C	12/13/06 11:13	kelliot	Q19784
Benzo(a)pyrene	**BRL**	µg/kg	2000	200	5	8270C	12/13/06 11:13	kelliot	Q19784
Benzo(b)fluoranthene	**BRL**	µg/kg	2000	260	5	8270C	12/13/06 11:13	kelliot	Q19784
Benzo(g,h,i)perylene	**BRL**	µg/kg	2000	460	5	8270C	12/13/06 11:13	kelliot	Q19784
Benzo(k)fluoranthene	**BRL**	µg/kg	2000	230	5	8270C	12/13/06 11:13	kelliot	Q19784

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Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-9 (0-2')
Prism Sample ID: 168061
COC Group: G1206140
Time Collected: 12/04/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	**BRL**	µg/kg	2000	380	5	8270C	12/13/06 11:13	kelliot	Q19784
Bis(2-chloroethyl)ether	**BRL**	µg/kg	2000	140	5	8270C	12/13/06 11:13	kelliot	Q19784
Bis(2-chloroisopropyl)ether	**BRL**	µg/kg	2000	280	5	8270C	12/13/06 11:13	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	**1000 J**	µg/kg	2000	220	5	8270C	12/13/06 11:13	kelliot	Q19784
Butylbenzylphthalate	**1500 J**	µg/kg	2000	200	5	8270C	12/13/06 11:13	kelliot	Q19784
Chrysene	**BRL**	µg/kg	2000	370	5	8270C	12/13/06 11:13	kelliot	Q19784
Di-n-butylphthalate	**1500 J**	µg/kg	2000	270	5	8270C	12/13/06 11:13	kelliot	Q19784
Di-n-octylphthalate	**BRL**	µg/kg	2000	340	5	8270C	12/13/06 11:13	kelliot	Q19784
Dibenzo(a,h)anthracene	**BRL**	µg/kg	2000	470	5	8270C	12/13/06 11:13	kelliot	Q19784
Dibenzofuran	**BRL**	µg/kg	2000	370	5	8270C	12/13/06 11:13	kelliot	Q19784
Diethylphthalate	**BRL**	µg/kg	2000	200	5	8270C	12/13/06 11:13	kelliot	Q19784
Dimethylphthalate	**BRL**	µg/kg	2000	270	5	8270C	12/13/06 11:13	kelliot	Q19784
Fluoranthene	**BRL**	µg/kg	2000	240	5	8270C	12/13/06 11:13	kelliot	Q19784
Fluorene	**BRL**	µg/kg	2000	370	5	8270C	12/13/06 11:13	kelliot	Q19784
Hexachlorobenzene	**BRL**	µg/kg	2000	290	5	8270C	12/13/06 11:13	kelliot	Q19784
Hexachlorobutadiene	**BRL**	µg/kg	2000	260	5	8270C	12/13/06 11:13	kelliot	Q19784
Hexachlorocyclopentadiene	**BRL**	µg/kg	2000	460	5	8270C	12/13/06 11:13	kelliot	Q19784
Hexachloroethane	**BRL**	µg/kg	2000	260	5	8270C	12/13/06 11:13	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	**BRL**	µg/kg	2000	510	5	8270C	12/13/06 11:13	kelliot	Q19784
Isophorone	**BRL**	µg/kg	2000	370	5	8270C	12/13/06 11:13	kelliot	Q19784
N-Nitrosodi-n-propylamine	**BRL**	µg/kg	2000	360	5	8270C	12/13/06 11:13	kelliot	Q19784
N-Nitrosodiphenylamine	**BRL**	µg/kg	2000	290	5	8270C	12/13/06 11:13	kelliot	Q19784
Naphthalene	**60000**	µg/kg	7900	1100	20	8270C	12/13/06 14:32	kelliot	Q19784
Nitrobenzene	**BRL**	µg/kg	2000	360	5	8270C	12/13/06 11:13	kelliot	Q19784
Pentachlorophenol	**BRL**	µg/kg	2000	260	5	8270C	12/13/06 11:13	kelliot	Q19784
Phenanthrene	**BRL**	µg/kg	2000	220	5	8270C	12/13/06 11:13	kelliot	Q19784
Phenol	**BRL**	µg/kg	2000	240	5	8270C	12/13/06 11:13	kelliot	Q19784
Pyrene	**BRL**	µg/kg	2000	160	5	8270C	12/13/06 11:13	kelliot	Q19784

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-9 (0-2')
Prism Sample ID: 168061
COC Group: G1206140
Time Collected: 12/04/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Surrogate recovery was outside of the control limits. Matrix interference is suspected.

Sample Preparation:			29.91 g / 1 mL			3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	34	25 - 123
2-Fluorobiphenyl	95	21 - 108
2-Fluorophenol	148 #	14 - 89
Nitrobenzene-d5	278 #	14 - 103
Phenol-d5	209 #	13 - 95
Terphenyl-d14	96	41 - 136

Metals by ICP

Chromium	**10**	mg/kg	0.89	0.053	3	6010B	12/08/06 14:50	mcampbell	Q19756
Lead	**15**	mg/kg	0.89	0.074	3	6010B	12/08/06 14:50	mcampbell	Q19756
Sample Preparation:			2.03 g / 50 mL			3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-3 (2-4')
Prism Sample ID: 168062
COC Group: G1206140
Time Collected: 12/04/06 15:00
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**87.4**	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	**BRL**	µg/kg	5.2	0.51	1	8260B	12/10/06 6:19	erussell	Q19772
1,1,1-Trichloroethane	**BRL**	µg/kg	5.2	0.29	1	8260B	12/10/06 6:19	erussell	Q19772
1,1,2,2-Tetrachloroethane	**BRL**	µg/kg	5.2	0.53	1	8260B	12/10/06 6:19	erussell	Q19772
1,1,2-Trichloroethane	**BRL**	µg/kg	5.2	0.32	1	8260B	12/10/06 6:19	erussell	Q19772
1,1-Dichloroethane	**BRL**	µg/kg	5.2	0.37	1	8260B	12/10/06 6:19	erussell	Q19772
1,1-Dichloroethene	**BRL**	µg/kg	5.2	0.39	1	8260B	12/10/06 6:19	erussell	Q19772
1,1-Dichloropropene	**BRL**	µg/kg	5.2	0.45	1	8260B	12/10/06 6:19	erussell	Q19772
1,2,3-Trichlorobenzene	**BRL**	µg/kg	10	0.57	1	8260B	12/10/06 6:19	erussell	Q19772
1,2,3-Trichloropropane	**BRL**	µg/kg	5.2	0.45	1	8260B	12/10/06 6:19	erussell	Q19772
1,2,4-Trichlorobenzene	**BRL**	µg/kg	10	0.49	1	8260B	12/10/06 6:19	erussell	Q19772
1,2,4-Trimethylbenzene	**BRL**	µg/kg	10	0.39	1	8260B	12/10/06 6:19	erussell	Q19772
1,2-Dibromo-3-chloropropane	**BRL**	µg/kg	10	0.90	1	8260B	12/10/06 6:19	erussell	Q19772
1,2-Dibromoethane (EDB)	**BRL**	µg/kg	5.2	0.093	1	8260B	12/10/06 6:19	erussell	Q19772
1,2-Dichlorobenzene	**BRL**	µg/kg	10	0.28	1	8260B	12/10/06 6:19	erussell	Q19772
1,2-Dichloroethane	**BRL**	µg/kg	5.2	0.52	1	8260B	12/10/06 6:19	erussell	Q19772
1,2-Dichloropropane	**BRL**	µg/kg	5.2	0.38	1	8260B	12/10/06 6:19	erussell	Q19772
1,3,5-Trimethylbenzene	**BRL**	µg/kg	10	0.43	1	8260B	12/10/06 6:19	erussell	Q19772
1,3-Dichlorobenzene	**BRL**	µg/kg	10	0.44	1	8260B	12/10/06 6:19	erussell	Q19772
1,3-Dichloropropane	**BRL**	µg/kg	5.2	0.35	1	8260B	12/10/06 6:19	erussell	Q19772
1,4-Dichlorobenzene	**BRL**	µg/kg	10	0.40	1	8260B	12/10/06 6:19	erussell	Q19772
2,2-Dichloropropane	**BRL**	µg/kg	5.2	0.26	1	8260B	12/10/06 6:19	erussell	Q19772
2-Chloroethyl vinyl ether	**BRL**	µg/kg	10	0.38	1	8260B	12/10/06 6:19	erussell	Q19772
2-Chlorotoluene	**BRL**	µg/kg	10	0.38	1	8260B	12/10/06 6:19	erussell	Q19772
2-Hexanone	**BRL**	µg/kg	52	0.54	1	8260B	12/10/06 6:19	erussell	Q19772
4-Chlorotoluene	**BRL**	µg/kg	10	0.27	1	8260B	12/10/06 6:19	erussell	Q19772

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-3 (2-4')
Prism Sample ID: 168062
COC Group: G1206140
Time Collected: 12/04/06 15:00
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	**BRL**	µg/kg	10	0.52	1	8260B	12/10/06 6:19	erussell	Q19772
Acetone	**24**	µg/kg	21	2.0	1	8260B	12/10/06 6:19	erussell	Q19772
Benzene	**BRL**	µg/kg	3.1	0.41	1	8260B	12/10/06 6:19	erussell	Q19772
Bromobenzene	**BRL**	µg/kg	5.2	0.36	1	8260B	12/10/06 6:19	erussell	Q19772
Bromochloromethane	**BRL**	µg/kg	5.2	0.31	1	8260B	12/10/06 6:19	erussell	Q19772
Bromodichloromethane	**BRL**	µg/kg	5.2	0.45	1	8260B	12/10/06 6:19	erussell	Q19772
Bromoform	**BRL**	µg/kg	5.2	0.38	1	8260B	12/10/06 6:19	erussell	Q19772
Bromomethane	**BRL**	µg/kg	10	0.60	1	8260B	12/10/06 6:19	erussell	Q19772
Carbon disulfide	**BRL**	µg/kg	10	0.33	1	8260B	12/10/06 6:19	erussell	Q19772
Carbon tetrachloride	**BRL**	µg/kg	5.2	0.30	1	8260B	12/10/06 6:19	erussell	Q19772
Chlorobenzene	**BRL**	µg/kg	5.2	0.39	1	8260B	12/10/06 6:19	erussell	Q19772
Chlorodibromomethane	**BRL**	µg/kg	5.2	0.35	1	8260B	12/10/06 6:19	erussell	Q19772
Chloroethane	**BRL**	µg/kg	10	0.42	1	8260B	12/10/06 6:19	erussell	Q19772
Chloroform	**BRL**	µg/kg	5.2	0.38	1	8260B	12/10/06 6:19	erussell	Q19772
Chloromethane	**BRL**	µg/kg	10	0.36	1	8260B	12/10/06 6:19	erussell	Q19772
cis-1,2-Dichloroethene	**BRL**	µg/kg	5.2	0.23	1	8260B	12/10/06 6:19	erussell	Q19772
cis-1,3-Dichloropropene	**BRL**	µg/kg	5.2	0.33	1	8260B	12/10/06 6:19	erussell	Q19772
Dibromomethane	**BRL**	µg/kg	5.2	0.38	1	8260B	12/10/06 6:19	erussell	Q19772
Dichlorodifluoromethane	**BRL**	µg/kg	10	1.2	1	8260B	12/10/06 6:19	erussell	Q19772
Ethylbenzene	**BRL**	µg/kg	5.2	0.36	1	8260B	12/10/06 6:19	erussell	Q19772
Hexachlorobutadiene	**BRL**	µg/kg	15	0.64	1	8260B	12/10/06 6:19	erussell	Q19772
Isopropyl ether (IPE)	**BRL**	µg/kg	5.2	0.18	1	8260B	12/10/06 6:19	erussell	Q19772
Isopropylbenzene	**BRL**	µg/kg	10	0.41	1	8260B	12/10/06 6:19	erussell	Q19772
m,p-Xylenes	**BRL**	µg/kg	10	0.72	1	8260B	12/10/06 6:19	erussell	Q19772
Methyl ethyl ketone (MEK)	**BRL**	µg/kg	21	1.4	1	8260B	12/10/06 6:19	erussell	Q19772
Methyl t-butyl ether (MTBE)	**BRL**	µg/kg	5.2	0.30	1	8260B	12/10/06 6:19	erussell	Q19772
Methylene chloride	**BRL**	µg/kg	10	0.42	1	8260B	12/10/06 6:19	erussell	Q19772
n-Butylbenzene	**BRL**	µg/kg	15	0.41	1	8260B	12/10/06 6:19	erussell	Q19772

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-3 (2-4')
Prism Sample ID: 168062
COC Group: G1206140
Time Collected: 12/04/06 15:00
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	10	0.31	1	8260B	12/10/06 6:19	erussell	Q19772
Naphthalene	**BRL**	µg/kg	5.2	0.60	1	8260B	12/10/06 6:19	erussell	Q19772
o-Xylene	**BRL**	µg/kg	5.2	0.31	1	8260B	12/10/06 6:19	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	15	0.42	1	8260B	12/10/06 6:19	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	15	0.34	1	8260B	12/10/06 6:19	erussell	Q19772
Styrene	**BRL**	µg/kg	5.2	0.52	1	8260B	12/10/06 6:19	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	21	0.32	1	8260B	12/10/06 6:19	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	10	0.89	1	8260B	12/10/06 6:19	erussell	Q19772
Toluene	**BRL**	µg/kg	5.2	0.35	1	8260B	12/10/06 6:19	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	5.2	0.39	1	8260B	12/10/06 6:19	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	5.2	0.36	1	8260B	12/10/06 6:19	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	5.2	0.31	1	8260B	12/10/06 6:19	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	5.2	0.42	1	8260B	12/10/06 6:19	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	10	0.66	1	8260B	12/10/06 6:19	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	105	77 - 128
Dibromofluoromethane	101	67 - 143
Toluene-d8	99	81 - 128

Sample Weight Determination

Weight Bisulfate 1	**5.55**	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**6.31**	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	**5.11**	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	380	63	1	8270C	12/12/06 2:30	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	380	51	1	8270C	12/12/06 2:30	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	380	39	1	8270C	12/12/06 2:30	kelliot	Q19784

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12/19/06

Hart & Hickman
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8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-3 (2-4')
Prism Sample ID: 168062
COC Group: G1206140
Time Collected: 12/04/06 15:00
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	380	31	1	8270C	12/12/06 2:30	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	380	84	1	8270C	12/12/06 2:30	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	380	80	1	8270C	12/12/06 2:30	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	380	78	1	8270C	12/12/06 2:30	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	380	73	1	8270C	12/12/06 2:30	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	380	94	1	8270C	12/12/06 2:30	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	380	58	1	8270C	12/12/06 2:30	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	380	45	1	8270C	12/12/06 2:30	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	380	62	1	8270C	12/12/06 2:30	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	380	38	1	8270C	12/12/06 2:30	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	380	64	1	8270C	12/12/06 2:30	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	380	60	1	8270C	12/12/06 2:30	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	380	48	1	8270C	12/12/06 2:30	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	380	59	1	8270C	12/12/06 2:30	kelliot	Q19784
3,3´-Dichlorobenzidine	BRL	µg/kg	380	130	1	8270C	12/12/06 2:30	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	380	84	1	8270C	12/12/06 2:30	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	380	63	1	8270C	12/12/06 2:30	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	380	71	1	8270C	12/12/06 2:30	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	380	57	1	8270C	12/12/06 2:30	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	380	94	1	8270C	12/12/06 2:30	kelliot	Q19784
Acenaphthene	BRL	µg/kg	380	72	1	8270C	12/12/06 2:30	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	380	71	1	8270C	12/12/06 2:30	kelliot	Q19784
Anthracene	BRL	µg/kg	380	46	1	8270C	12/12/06 2:30	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	380	74	1	8270C	12/12/06 2:30	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	380	38	1	8270C	12/12/06 2:30	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	380	50	1	8270C	12/12/06 2:30	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	380	87	1	8270C	12/12/06 2:30	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	380	45	1	8270C	12/12/06 2:30	kelliot	Q19784

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NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-3 (2-4')
Prism Sample ID: 168062
COC Group: G1206140
Time Collected: 12/04/06 15:00
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	BRL	µg/kg	380	72	1	8270C	12/12/06 2:30	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	380	26	1	8270C	12/12/06 2:30	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	380	53	1	8270C	12/12/06 2:30	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	380	41	1	8270C	12/12/06 2:30	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	380	39	1	8270C	12/12/06 2:30	kelliot	Q19784
Chrysene	BRL	µg/kg	380	71	1	8270C	12/12/06 2:30	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	380	51	1	8270C	12/12/06 2:30	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	380	65	1	8270C	12/12/06 2:30	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	380	89	1	8270C	12/12/06 2:30	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	380	70	1	8270C	12/12/06 2:30	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	380	38	1	8270C	12/12/06 2:30	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	380	51	1	8270C	12/12/06 2:30	kelliot	Q19784
Fluoranthene	BRL	µg/kg	380	46	1	8270C	12/12/06 2:30	kelliot	Q19784
Fluorene	BRL	µg/kg	380	71	1	8270C	12/12/06 2:30	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	380	55	1	8270C	12/12/06 2:30	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	380	49	1	8270C	12/12/06 2:30	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	380	87	1	8270C	12/12/06 2:30	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	380	50	1	8270C	12/12/06 2:30	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	380	96	1	8270C	12/12/06 2:30	kelliot	Q19784
Isophorone	BRL	µg/kg	380	70	1	8270C	12/12/06 2:30	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	380	68	1	8270C	12/12/06 2:30	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	380	55	1	8270C	12/12/06 2:30	kelliot	Q19784
Naphthalene	BRL	µg/kg	380	53	1	8270C	12/12/06 2:30	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	380	68	1	8270C	12/12/06 2:30	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	380	49	1	8270C	12/12/06 2:30	kelliot	Q19784
Phenanthrene	BRL	µg/kg	380	42	1	8270C	12/12/06 2:30	kelliot	Q19784
Phenol	BRL	µg/kg	380	46	1	8270C	12/12/06 2:30	kelliot	Q19784
Pyrene	BRL	µg/kg	380	30	1	8270C	12/12/06 2:30	kelliot	Q19784

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-3 (2-4')
Prism Sample ID: 168062
COC Group: G1206140
Time Collected: 12/04/06 15:00
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			30.07 g / 1 mL			3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	86	25 - 123
2-Fluorobiphenyl	61	21 - 108
2-Fluorophenol	51	14 - 89
Nitrobenzene-d5	53	14 - 103
Phenol-d5	58	13 - 95
Terphenyl-d14	100	41 - 136

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Mercury by CVAA									
Mercury	**0.12**	mg/kg	0.023	0.0045	1	7471A	12/07/06 14:55	jhoppel	Q19775
Sample Preparation:			0.6 g / 50 mL			7471A	12/07/06 9:00	jhoppel	P17006
Metals by ICP									
Arsenic	**2.6**	mg/kg	1.7	0.24	3	6010B	12/08/06 11:25	mcampbell	Q19738
Barium	**68**	mg/kg	1.7	1.1	3	6010B	12/08/06 11:25	mcampbell	Q19738
Cadmium	**0.15 J**	mg/kg	0.84	0.012	3	6010B	12/08/06 11:25	mcampbell	Q19738
Chromium	**7.0**	mg/kg	0.84	0.050	3	6010B	12/08/06 11:25	mcampbell	Q19738
Lead	**61**	mg/kg	0.84	0.071	3	6010B	12/08/06 11:25	mcampbell	Q19738
Selenium	**BRL**	mg/kg	1.7	0.54	3	6010B	12/08/06 11:25	mcampbell	Q19738
Silver	**BRL**	mg/kg	0.84	0.064	3	6010B	12/08/06 11:25	mcampbell	Q19738
Sample Preparation:			2.04 g / 50 mL			3050B	12/07/06 10:00	jhoppel	P17004

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-3 (2-4')
Prism Sample ID: 168062
COC Group: G1206140
Time Collected: 12/04/06 15:00
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-2 (0-2')
Prism Sample ID: 168063
COC Group: G1206140
Time Collected: 12/04/06 15:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**80.1**	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	**BRL**	µg/kg	6.2	0.60	1	8260B	12/10/06 12:35	erussell	Q19772
1,1,1-Trichloroethane	**BRL**	µg/kg	6.2	0.34	1	8260B	12/10/06 12:35	erussell	Q19772
1,1,2,2-Tetrachloroethane	**BRL**	µg/kg	6.2	0.63	1	8260B	12/10/06 12:35	erussell	Q19772
1,1,2-Trichloroethane	**BRL**	µg/kg	6.2	0.38	1	8260B	12/10/06 12:35	erussell	Q19772
1,1-Dichloroethane	**BRL**	µg/kg	6.2	0.44	1	8260B	12/10/06 12:35	erussell	Q19772
1,1-Dichloroethene	**BRL**	µg/kg	6.2	0.47	1	8260B	12/10/06 12:35	erussell	Q19772
1,1-Dichloropropene	**BRL**	µg/kg	6.2	0.54	1	8260B	12/10/06 12:35	erussell	Q19772
1,2,3-Trichlorobenzene	**BRL**	µg/kg	12	0.68	1	8260B	12/10/06 12:35	erussell	Q19772
1,2,3-Trichloropropane	**BRL**	µg/kg	6.2	0.54	1	8260B	12/10/06 12:35	erussell	Q19772
1,2,4-Trichlorobenzene	**BRL**	µg/kg	12	0.59	1	8260B	12/10/06 12:35	erussell	Q19772
1,2,4-Trimethylbenzene	**2500**	µg/kg	560	21	50	8260B	12/12/06 13:42	erussell	Q19772
1,2-Dibromo-3-chloropropane	**BRL**	µg/kg	12	0.99	1	8260B	12/10/06 12:35	erussell	Q19772
1,2-Dibromoethane (EDB)	**BRL**	µg/kg	6.2	0.11	1	8260B	12/10/06 12:35	erussell	Q19772
1,2-Dichlorobenzene	**BRL**	µg/kg	12	0.33	1	8260B	12/10/06 12:35	erussell	Q19772
1,2-Dichloroethane	**BRL**	µg/kg	6.2	0.62	1	8260B	12/10/06 12:35	erussell	Q19772
1,2-Dichloropropane	**BRL**	µg/kg	6.2	0.46	1	8260B	12/10/06 12:35	erussell	Q19772
1,3,5-Trimethylbenzene	**980**	µg/kg	560	24	50	8260B	12/12/06 13:42	erussell	Q19772
1,3-Dichlorobenzene	**BRL**	µg/kg	12	0.53	1	8260B	12/10/06 12:35	erussell	Q19772
1,3-Dichloropropane	**BRL**	µg/kg	6.2	0.42	1	8260B	12/10/06 12:35	erussell	Q19772
1,4-Dichlorobenzene	**BRL**	µg/kg	12	0.48	1	8260B	12/10/06 12:35	erussell	Q19772
2,2-Dichloropropane	**BRL**	µg/kg	6.2	0.31	1	8260B	12/10/06 12:35	erussell	Q19772
2-Chloroethyl vinyl ether	**BRL**	µg/kg	12	0.46	1	8260B	12/10/06 12:35	erussell	Q19772
2-Chlorotoluene	**BRL**	µg/kg	12	0.46	1	8260B	12/10/06 12:35	erussell	Q19772
2-Hexanone	**BRL**	µg/kg	62	0.64	1	8260B	12/10/06 12:35	erussell	Q19772
4-Chlorotoluene	**BRL**	µg/kg	12	0.32	1	8260B	12/10/06 12:35	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-2 (0-2')
Prism Sample ID: 168063
COC Group: G1206140
Time Collected: 12/04/06 15:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	**BRL**	µg/kg	12	0.62	1	8260B	12/10/06 12:35	erussell	Q19772
Acetone	**28**	µg/kg	25	2.4	1	8260B	12/10/06 12:35	erussell	Q19772
Benzene	**BRL**	µg/kg	3.7	0.49	1	8260B	12/10/06 12:35	erussell	Q19772
Bromobenzene	**BRL**	µg/kg	6.2	0.43	1	8260B	12/10/06 12:35	erussell	Q19772
Bromochloromethane	**BRL**	µg/kg	6.2	0.37	1	8260B	12/10/06 12:35	erussell	Q19772
Bromodichloromethane	**BRL**	µg/kg	6.2	0.54	1	8260B	12/10/06 12:35	erussell	Q19772
Bromoform	**BRL**	µg/kg	6.2	0.46	1	8260B	12/10/06 12:35	erussell	Q19772
Bromomethane	**BRL**	µg/kg	12	0.71	1	8260B	12/10/06 12:35	erussell	Q19772
Carbon disulfide	**BRL**	µg/kg	12	0.39	1	8260B	12/10/06 12:35	erussell	Q19772
Carbon tetrachloride	**BRL**	µg/kg	6.2	0.36	1	8260B	12/10/06 12:35	erussell	Q19772
Chlorobenzene	**BRL**	µg/kg	6.2	0.47	1	8260B	12/10/06 12:35	erussell	Q19772
Chlorodibromomethane	**BRL**	µg/kg	6.2	0.42	1	8260B	12/10/06 12:35	erussell	Q19772
Chloroethane	**BRL**	µg/kg	12	0.50	1	8260B	12/10/06 12:35	erussell	Q19772
Chloroform	**BRL**	µg/kg	6.2	0.46	1	8260B	12/10/06 12:35	erussell	Q19772
Chloromethane	**BRL**	µg/kg	12	0.43	1	8260B	12/10/06 12:35	erussell	Q19772
cis-1,2-Dichloroethene	**BRL**	µg/kg	6.2	0.27	1	8260B	12/10/06 12:35	erussell	Q19772
cis-1,3-Dichloropropene	**BRL**	µg/kg	6.2	0.39	1	8260B	12/10/06 12:35	erussell	Q19772
Dibromomethane	**BRL**	µg/kg	6.2	0.46	1	8260B	12/10/06 12:35	erussell	Q19772
Dichlorodifluoromethane	**BRL**	µg/kg	12	1.4	1	8260B	12/10/06 12:35	erussell	Q19772
Ethylbenzene	**260**	µg/kg	6.2	0.43	1	8260B	12/10/06 12:35	erussell	Q19772
Hexachlorobutadiene	**BRL**	µg/kg	18	0.76	1	8260B	12/10/06 12:35	erussell	Q19772
Isopropyl ether (IPE)	**BRL**	µg/kg	6.2	0.21	1	8260B	12/10/06 12:35	erussell	Q19772
Isopropylbenzene	**180**	µg/kg	12	0.49	1	8260B	12/10/06 12:35	erussell	Q19772
m,p-Xylenes	**220**	µg/kg	12	0.86	1	8260B	12/10/06 12:35	erussell	Q19772
Methyl ethyl ketone (MEK)	**BRL**	µg/kg	25	1.7	1	8260B	12/10/06 12:35	erussell	Q19772
Methyl t-butyl ether (MTBE)	**BRL**	µg/kg	6.2	0.36	1	8260B	12/10/06 12:35	erussell	Q19772
Methylene chloride	**BRL**	µg/kg	12	0.50	1	8260B	12/10/06 12:35	erussell	Q19772
n-Butylbenzene	**BRL**	µg/kg	18	0.49	1	8260B	12/10/06 12:35	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-2 (0-2')
Prism Sample ID: 168063
COC Group: G1206140
Time Collected: 12/04/06 15:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	12	0.37	1	8260B	12/10/06 12:35	erussell	Q19772
Naphthalene	**190**	µg/kg	6.2	0.71	1	8260B	12/10/06 12:35	erussell	Q19772
o-Xylene	**BRL**	µg/kg	6.2	0.37	1	8260B	12/10/06 12:35	erussell	Q19772
p-Isopropyltoluene	**580**	µg/kg	560	23	50	8260B	12/12/06 13:42	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	18	0.41	1	8260B	12/10/06 12:35	erussell	Q19772
Styrene	**BRL**	µg/kg	6.2	0.62	1	8260B	12/10/06 12:35	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	25	0.38	1	8260B	12/10/06 12:35	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	12	1.1	1	8260B	12/10/06 12:35	erussell	Q19772
Toluene	**BRL**	µg/kg	6.2	0.42	1	8260B	12/10/06 12:35	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	6.2	0.47	1	8260B	12/10/06 12:35	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	6.2	0.43	1	8260B	12/10/06 12:35	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	6.2	0.37	1	8260B	12/10/06 12:35	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	6.2	0.50	1	8260B	12/10/06 12:35	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	12	0.79	1	8260B	12/10/06 12:35	erussell	Q19772

Two surrogate recoveries were outside of the control limits. The analysis was repeated at a 50x dilution with acceptable recovery (85%, 106%). Matrix interference is suspected.

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	668 #	77 - 128
Dibromofluoromethane	96	67 - 143
Toluene-d8	76 #	81 - 128

Sample Weight Determination

Weight Bisulfate 1	**5.07**	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**5.37**	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	**5.53**	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	410	68	1	8270C	12/12/06 12:43	kelliot	Q19784

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12/19/06

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-2 (0-2')
Prism Sample ID: 168063
COC Group: G1206140
Time Collected: 12/04/06 15:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichlorobenzene	BRL	µg/kg	410	56	1	8270C	12/12/06 12:43	kelliot	Q19784
1,3-Dichlorobenzene	BRL	µg/kg	410	42	1	8270C	12/12/06 12:43	kelliot	Q19784
1,4-Dichlorobenzene	BRL	µg/kg	410	34	1	8270C	12/12/06 12:43	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	410	92	1	8270C	12/12/06 12:43	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	410	87	1	8270C	12/12/06 12:43	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	410	85	1	8270C	12/12/06 12:43	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	410	80	1	8270C	12/12/06 12:43	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	410	100	1	8270C	12/12/06 12:43	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	410	63	1	8270C	12/12/06 12:43	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	410	49	1	8270C	12/12/06 12:43	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	410	67	1	8270C	12/12/06 12:43	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	410	41	1	8270C	12/12/06 12:43	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	410	70	1	8270C	12/12/06 12:43	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	410	66	1	8270C	12/12/06 12:43	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	410	52	1	8270C	12/12/06 12:43	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	410	65	1	8270C	12/12/06 12:43	kelliot	Q19784
3,3'-Dichlorobenzidine	BRL	µg/kg	410	140	1	8270C	12/12/06 12:43	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	410	92	1	8270C	12/12/06 12:43	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	410	68	1	8270C	12/12/06 12:43	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	410	77	1	8270C	12/12/06 12:43	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	410	62	1	8270C	12/12/06 12:43	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	410	100	1	8270C	12/12/06 12:43	kelliot	Q19784
Acenaphthene	BRL	µg/kg	410	78	1	8270C	12/12/06 12:43	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	410	77	1	8270C	12/12/06 12:43	kelliot	Q19784
Anthracene	BRL	µg/kg	410	50	1	8270C	12/12/06 12:43	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	410	81	1	8270C	12/12/06 12:43	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	410	41	1	8270C	12/12/06 12:43	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	410	55	1	8270C	12/12/06 12:43	kelliot	Q19784

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-2 (0-2')
Prism Sample ID: 168063
COC Group: G1206140
Time Collected: 12/04/06 15:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Benzo(g,h,i)perylene	BRL	µg/kg	410	95	1	8270C	12/12/06 12:43	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	410	49	1	8270C	12/12/06 12:43	kelliot	Q19784
Bis(2-chloroethoxy)methane	BRL	µg/kg	410	78	1	8270C	12/12/06 12:43	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	410	29	1	8270C	12/12/06 12:43	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	410	57	1	8270C	12/12/06 12:43	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	410	45	1	8270C	12/12/06 12:43	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	410	42	1	8270C	12/12/06 12:43	kelliot	Q19784
Chrysene	BRL	µg/kg	410	77	1	8270C	12/12/06 12:43	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	410	56	1	8270C	12/12/06 12:43	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	410	71	1	8270C	12/12/06 12:43	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	410	97	1	8270C	12/12/06 12:43	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	410	76	1	8270C	12/12/06 12:43	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	410	41	1	8270C	12/12/06 12:43	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	410	56	1	8270C	12/12/06 12:43	kelliot	Q19784
Fluoranthene	BRL	µg/kg	410	50	1	8270C	12/12/06 12:43	kelliot	Q19784
Fluorene	BRL	µg/kg	410	77	1	8270C	12/12/06 12:43	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	410	60	1	8270C	12/12/06 12:43	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	410	53	1	8270C	12/12/06 12:43	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	410	95	1	8270C	12/12/06 12:43	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	410	55	1	8270C	12/12/06 12:43	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	410	100	1	8270C	12/12/06 12:43	kelliot	Q19784
Isophorone	BRL	µg/kg	410	76	1	8270C	12/12/06 12:43	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	410	75	1	8270C	12/12/06 12:43	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	410	60	1	8270C	12/12/06 12:43	kelliot	Q19784
Naphthalene	BRL	µg/kg	410	57	1	8270C	12/12/06 12:43	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	410	75	1	8270C	12/12/06 12:43	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	410	53	1	8270C	12/12/06 12:43	kelliot	Q19784
Phenanthrene	110 J	µg/kg	410	46	1	8270C	12/12/06 12:43	kelliot	Q19784

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-2 (0-2')
Prism Sample ID: 168063
COC Group: G1206140
Time Collected: 12/04/06 15:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Phenol	**BRL**	µg/kg	410	50	1	8270C	12/12/06 12:43	kelliot	Q19784
Pyrene	**170 J**	µg/kg	410	32	1	8270C	12/12/06 12:43	kelliot	Q19784
Sample Preparation:			30.11 g / 1 mL			3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	95	25 - 123
2-Fluorobiphenyl	76	21 - 108
2-Fluorophenol	74	14 - 89
Nitrobenzene-d5	122 #	14 - 103
Phenol-d5	72	13 - 95
Terphenyl-d14	122	41 - 136

Mercury by CVAA

Mercury	**0.086**	mg/kg	0.025	0.0049	1	7471A	12/07/06 15:00	jhoppel	Q19775
Sample Preparation:			0.6 g / 50 mL			7471A	12/07/06 9:00	jhoppel	P17006

Metals by ICP

Arsenic	**1.5 J**	mg/kg	1.8	0.27	3	6010B	12/08/06 11:41	mcampbell	Q19738
Barium	**110**	mg/kg	1.8	1.2	3	6010B	12/08/06 11:41	mcampbell	Q19738
Cadmium	**4.7**	mg/kg	0.92	0.013	3	6010B	12/08/06 11:41	mcampbell	Q19738
Chromium	**48**	mg/kg	0.92	0.055	3	6010B	12/08/06 11:41	mcampbell	Q19738
Lead	**34**	mg/kg	0.92	0.077	3	6010B	12/08/06 11:41	mcampbell	Q19738
Selenium	**BRL**	mg/kg	1.8	0.59	3	6010B	12/08/06 11:41	mcampbell	Q19738
Silver	**BRL**	mg/kg	0.92	0.070	3	6010B	12/08/06 11:41	mcampbell	Q19738
Sample Preparation:			2.03 g / 50 mL			3050B	12/07/06 10:00	jhoppel	P17004

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-2 (0-2')
Prism Sample ID: 168063
COC Group: G1206140
Time Collected: 12/04/06 15:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-2
Prism Sample ID: 168064
COC Group: G1206140
Time Collected: 12/04/06 13:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**59.1**	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	**BRL**	µg/kg	10	1.0	1	8260B	12/10/06 6:51	erussell	Q19772
1,1,1-Trichloroethane	**BRL**	µg/kg	10	0.57	1	8260B	12/10/06 6:51	erussell	Q19772
1,1,2,2-Tetrachloroethane	**BRL**	µg/kg	10	1.0	1	8260B	12/10/06 6:51	erussell	Q19772
1,1,2-Trichloroethane	**BRL**	µg/kg	10	0.63	1	8260B	12/10/06 6:51	erussell	Q19772
1,1-Dichloroethane	**BRL**	µg/kg	10	0.74	1	8260B	12/10/06 6:51	erussell	Q19772
1,1-Dichloroethene	**BRL**	µg/kg	10	0.78	1	8260B	12/10/06 6:51	erussell	Q19772
1,1-Dichloropropene	**BRL**	µg/kg	10	0.90	1	8260B	12/10/06 6:51	erussell	Q19772
1,2,3-Trichlorobenzene	**BRL**	µg/kg	20	1.1	1	8260B	12/10/06 6:51	erussell	Q19772
1,2,3-Trichloropropane	**BRL**	µg/kg	10	0.90	1	8260B	12/10/06 6:51	erussell	Q19772
1,2,4-Trichlorobenzene	**BRL**	µg/kg	20	0.98	1	8260B	12/10/06 6:51	erussell	Q19772
1,2,4-Trimethylbenzene	**BRL**	µg/kg	20	0.78	1	8260B	12/10/06 6:51	erussell	Q19772
1,2-Dibromo-3-chloropropane	**BRL**	µg/kg	20	1.3	1	8260B	12/10/06 6:51	erussell	Q19772
1,2-Dibromoethane (EDB)	**BRL**	µg/kg	10	0.18	1	8260B	12/10/06 6:51	erussell	Q19772
1,2-Dichlorobenzene	**BRL**	µg/kg	20	0.55	1	8260B	12/10/06 6:51	erussell	Q19772
1,2-Dichloroethane	**BRL**	µg/kg	10	1.0	1	8260B	12/10/06 6:51	erussell	Q19772
1,2-Dichloropropane	**BRL**	µg/kg	10	0.76	1	8260B	12/10/06 6:51	erussell	Q19772
1,3,5-Trimethylbenzene	**BRL**	µg/kg	20	0.86	1	8260B	12/10/06 6:51	erussell	Q19772
1,3-Dichlorobenzene	**BRL**	µg/kg	20	0.88	1	8260B	12/10/06 6:51	erussell	Q19772
1,3-Dichloropropane	**BRL**	µg/kg	10	0.69	1	8260B	12/10/06 6:51	erussell	Q19772
1,4-Dichlorobenzene	**BRL**	µg/kg	20	0.80	1	8260B	12/10/06 6:51	erussell	Q19772
2,2-Dichloropropane	**BRL**	µg/kg	10	0.51	1	8260B	12/10/06 6:51	erussell	Q19772
2-Chloroethyl vinyl ether	**BRL**	µg/kg	20	0.76	1	8260B	12/10/06 6:51	erussell	Q19772
2-Chlorotoluene	**BRL**	µg/kg	20	0.76	1	8260B	12/10/06 6:51	erussell	Q19772
2-Hexanone	**BRL**	µg/kg	100	1.1	1	8260B	12/10/06 6:51	erussell	Q19772
4-Chlorotoluene	**BRL**	µg/kg	20	0.53	1	8260B	12/10/06 6:51	erussell	Q19772

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-2
Prism Sample ID: 168064
COC Group: G1206140
Time Collected: 12/04/06 13:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	**BRL**	µg/kg	20	1.0	1	8260B	12/10/06 6:51	erussell	Q19772
Acetone	**360**	µg/kg	41	4.0	1	8260B	12/10/06 6:51	erussell	Q19772
Benzene	**BRL**	µg/kg	6.1	0.82	1	8260B	12/10/06 6:51	erussell	Q19772
Bromobenzene	**BRL**	µg/kg	10	0.72	1	8260B	12/10/06 6:51	erussell	Q19772
Bromochloromethane	**BRL**	µg/kg	10	0.61	1	8260B	12/10/06 6:51	erussell	Q19772
Bromodichloromethane	**BRL**	µg/kg	10	0.90	1	8260B	12/10/06 6:51	erussell	Q19772
Bromoform	**BRL**	µg/kg	10	0.76	1	8260B	12/10/06 6:51	erussell	Q19772
Bromomethane	**BRL**	µg/kg	20	1.2	1	8260B	12/10/06 6:51	erussell	Q19772
Carbon disulfide	**BRL**	µg/kg	20	0.65	1	8260B	12/10/06 6:51	erussell	Q19772
Carbon tetrachloride	**BRL**	µg/kg	10	0.59	1	8260B	12/10/06 6:51	erussell	Q19772
Chlorobenzene	**BRL**	µg/kg	10	0.78	1	8260B	12/10/06 6:51	erussell	Q19772
Chlorodibromomethane	**BRL**	µg/kg	10	0.69	1	8260B	12/10/06 6:51	erussell	Q19772
Chloroethane	**BRL**	µg/kg	20	0.84	1	8260B	12/10/06 6:51	erussell	Q19772
Chloroform	**BRL**	µg/kg	10	0.76	1	8260B	12/10/06 6:51	erussell	Q19772
Chloromethane	**BRL**	µg/kg	20	0.72	1	8260B	12/10/06 6:51	erussell	Q19772
cis-1,2-Dichloroethene	**BRL**	µg/kg	10	0.45	1	8260B	12/10/06 6:51	erussell	Q19772
cis-1,3-Dichloropropene	**BRL**	µg/kg	10	0.65	1	8260B	12/10/06 6:51	erussell	Q19772
Dibromomethane	**BRL**	µg/kg	10	0.76	1	8260B	12/10/06 6:51	erussell	Q19772
Dichlorodifluoromethane	**BRL**	µg/kg	20	2.3	1	8260B	12/10/06 6:51	erussell	Q19772
Ethylbenzene	**BRL**	µg/kg	10	0.72	1	8260B	12/10/06 6:51	erussell	Q19772
Hexachlorobutadiene	**BRL**	µg/kg	31	1.3	1	8260B	12/10/06 6:51	erussell	Q19772
Isopropyl ether (IPE)	**BRL**	µg/kg	10	0.35	1	8260B	12/10/06 6:51	erussell	Q19772
Isopropylbenzene	**BRL**	µg/kg	20	0.82	1	8260B	12/10/06 6:51	erussell	Q19772
m,p-Xylenes	**BRL**	µg/kg	20	1.4	1	8260B	12/10/06 6:51	erussell	Q19772
Methyl ethyl ketone (MEK)	**69**	µg/kg	41	2.9	1	8260B	12/10/06 6:51	erussell	Q19772
Methyl t-butyl ether (MTBE)	**BRL**	µg/kg	10	0.59	1	8260B	12/10/06 6:51	erussell	Q19772
Methylene chloride	**BRL**	µg/kg	20	0.84	1	8260B	12/10/06 6:51	erussell	Q19772
n-Butylbenzene	**BRL**	µg/kg	31	0.82	1	8260B	12/10/06 6:51	erussell	Q19772

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NC Certification No. 402
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NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-2
Prism Sample ID: 168064
COC Group: G1206140
Time Collected: 12/04/06 13:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	20	0.61	1	8260B	12/10/06 6:51	erussell	Q19772
Naphthalene	**BRL**	µg/kg	10	1.2	1	8260B	12/10/06 6:51	erussell	Q19772
o-Xylene	**BRL**	µg/kg	10	0.61	1	8260B	12/10/06 6:51	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	31	0.84	1	8260B	12/10/06 6:51	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	31	0.67	1	8260B	12/10/06 6:51	erussell	Q19772
Styrene	**BRL**	µg/kg	10	1.0	1	8260B	12/10/06 6:51	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	41	0.63	1	8260B	12/10/06 6:51	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	20	1.8	1	8260B	12/10/06 6:51	erussell	Q19772
Toluene	**BRL**	µg/kg	10	0.69	1	8260B	12/10/06 6:51	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	10	0.78	1	8260B	12/10/06 6:51	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	10	0.72	1	8260B	12/10/06 6:51	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	10	0.61	1	8260B	12/10/06 6:51	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	10	0.84	1	8260B	12/10/06 6:51	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	20	1.3	1	8260B	12/10/06 6:51	erussell	Q19772

One surrogate recovery was outside of the control limits. No compounds were detected that were associated with this surrogate. No further action was taken.

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	131 #	77 - 128
Dibromofluoromethane	113	67 - 143
Toluene-d8	119	81 - 128

Sample Weight Determination

Weight Bisulfate 1	**4.14**	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**4.81**	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	**4.57**	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	4500	750	1	8270C	12/13/06 12:02	kelliot	Q19784

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Prism Sample ID: 168064
COC Group: G1206140
Time Collected: 12/04/06 13:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichlorobenzene	BRL	µg/kg	4500	610	1	8270C	12/13/06 12:02	kelliot	Q19784
1,3-Dichlorobenzene	BRL	µg/kg	4500	460	1	8270C	12/13/06 12:02	kelliot	Q19784
1,4-Dichlorobenzene	BRL	µg/kg	4500	370	1	8270C	12/13/06 12:02	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	4500	1000	1	8270C	12/13/06 12:02	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	4500	960	1	8270C	12/13/06 12:02	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	4500	930	1	8270C	12/13/06 12:02	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	4500	870	1	8270C	12/13/06 12:02	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	4500	1100	1	8270C	12/13/06 12:02	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	4500	700	1	8270C	12/13/06 12:02	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	4500	530	1	8270C	12/13/06 12:02	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	4500	740	1	8270C	12/13/06 12:02	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	4500	450	1	8270C	12/13/06 12:02	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	4500	760	1	8270C	12/13/06 12:02	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	4500	720	1	8270C	12/13/06 12:02	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	4500	570	1	8270C	12/13/06 12:02	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	4500	710	1	8270C	12/13/06 12:02	kelliot	Q19784
3,3´-Dichlorobenzidine	BRL	µg/kg	4500	1500	1	8270C	12/13/06 12:02	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	4500	1000	1	8270C	12/13/06 12:02	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	4500	750	1	8270C	12/13/06 12:02	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	4500	850	1	8270C	12/13/06 12:02	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	4500	680	1	8270C	12/13/06 12:02	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	4500	1100	1	8270C	12/13/06 12:02	kelliot	Q19784
Acenaphthene	BRL	µg/kg	4500	860	1	8270C	12/13/06 12:02	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	4500	850	1	8270C	12/13/06 12:02	kelliot	Q19784
Anthracene	BRL	µg/kg	4500	550	1	8270C	12/13/06 12:02	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	4500	890	1	8270C	12/13/06 12:02	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	4500	450	1	8270C	12/13/06 12:02	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	4500	600	1	8270C	12/13/06 12:02	kelliot	Q19784

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Client Sample ID: SUMP-2
Prism Sample ID: 168064
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Time Collected: 12/04/06 13:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Benzo(g,h,i)perylene	BRL	µg/kg	4500	1000	1	8270C	12/13/06 12:02	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	4500	530	1	8270C	12/13/06 12:02	kelliot	Q19784
Bis(2-chloroethoxy)methane	BRL	µg/kg	4500	860	1	8270C	12/13/06 12:02	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	4500	310	1	8270C	12/13/06 12:02	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	4500	630	1	8270C	12/13/06 12:02	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	4500	490	1	8270C	12/13/06 12:02	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	4500	460	1	8270C	12/13/06 12:02	kelliot	Q19784
Chrysene	BRL	µg/kg	4500	850	1	8270C	12/13/06 12:02	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	4500	610	1	8270C	12/13/06 12:02	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	4500	780	1	8270C	12/13/06 12:02	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	4500	1100	1	8270C	12/13/06 12:02	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	4500	830	1	8270C	12/13/06 12:02	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	4500	450	1	8270C	12/13/06 12:02	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	4500	610	1	8270C	12/13/06 12:02	kelliot	Q19784
Fluoranthene	BRL	µg/kg	4500	550	1	8270C	12/13/06 12:02	kelliot	Q19784
Fluorene	BRL	µg/kg	4500	850	1	8270C	12/13/06 12:02	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	4500	660	1	8270C	12/13/06 12:02	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	4500	590	1	8270C	12/13/06 12:02	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	4500	1000	1	8270C	12/13/06 12:02	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	4500	600	1	8270C	12/13/06 12:02	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	4500	1100	1	8270C	12/13/06 12:02	kelliot	Q19784
Isophorone	BRL	µg/kg	4500	830	1	8270C	12/13/06 12:02	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	4500	820	1	8270C	12/13/06 12:02	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	4500	660	1	8270C	12/13/06 12:02	kelliot	Q19784
Naphthalene	BRL	µg/kg	4500	630	1	8270C	12/13/06 12:02	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	4500	820	1	8270C	12/13/06 12:02	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	4500	590	1	8270C	12/13/06 12:02	kelliot	Q19784
Phenanthrene	BRL	µg/kg	4500	510	1	8270C	12/13/06 12:02	kelliot	Q19784

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-2
Prism Sample ID: 168064
COC Group: G1206140
Time Collected: 12/04/06 13:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Phenol	**BRL**	µg/kg	4500	550	1	8270C	12/13/06 12:02	kelliot	Q19784
Pyrene	**BRL**	µg/kg	4500	360	1	8270C	12/13/06 12:02	kelliot	Q19784

RLs for this sample were increased due to sample matrix and higher final extract volume.

Sample Preparation:	29.73 g / 8 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	DO #	25 - 123
2-Fluorobiphenyl	DO #	21 - 108
2-Fluorophenol	DO #	14 - 89
Nitrobenzene-d5	DO #	14 - 103
Phenol-d5	DO #	13 - 95
Terphenyl-d14	DO #	41 - 136

Mercury by CVAA									
Mercury	**9.5**	mg/kg	0.51	0.099	15	7471A	12/07/06 15:25	jhoppel	Q19775
Sample Preparation:			0.6 g / 50 mL			7471A	12/07/06 9:00	jhoppel	P17006
Metals by ICP									
Arsenic	**18**	mg/kg	2.5	0.36	3	6010B	12/08/06 11:49	mcampbell	Q19738
Barium	**390**	mg/kg	2.5	1.6	3	6010B	12/08/06 11:49	mcampbell	Q19738
Cadmium	**22**	mg/kg	1.2	0.017	3	6010B	12/08/06 11:49	mcampbell	Q19738
Chromium	**78**	mg/kg	1.2	0.075	3	6010B	12/08/06 11:49	mcampbell	Q19738
Lead	**810**	mg/kg	4.1	0.35	10	6010B	12/11/06 16:35	mcampbell	Q19738
Selenium	**BRL**	mg/kg	2.5	0.80	3	6010B	12/08/06 11:49	mcampbell	Q19738
Silver	**BRL**	mg/kg	1.2	0.095	3	6010B	12/08/06 11:49	mcampbell	Q19738
Sample Preparation:			2.04 g / 50 mL			3050B	12/07/06 10:00	jhoppel	P17004

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SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-2
Prism Sample ID: 168064
COC Group: G1206140
Time Collected: 12/04/06 13:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-3
Prism Sample ID: 168065
COC Group: G1206140
Time Collected: 12/04/06 13:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	59.0	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	10	0.98	1	8260B	12/10/06 7:22	erussell	Q19772
1,1,1-Trichloroethane	BRL	µg/kg	10	0.56	1	8260B	12/10/06 7:22	erussell	Q19772
1,1,2,2-Tetrachloroethane	BRL	µg/kg	10	1.0	1	8260B	12/10/06 7:22	erussell	Q19772
1,1,2-Trichloroethane	BRL	µg/kg	10	0.62	1	8260B	12/10/06 7:22	erussell	Q19772
1,1-Dichloroethane	BRL	µg/kg	10	0.72	1	8260B	12/10/06 7:22	erussell	Q19772
1,1-Dichloroethene	BRL	µg/kg	10	0.76	1	8260B	12/10/06 7:22	erussell	Q19772
1,1-Dichloropropene	BRL	µg/kg	10	0.88	1	8260B	12/10/06 7:22	erussell	Q19772
1,2,3-Trichlorobenzene	BRL	µg/kg	20	1.1	1	8260B	12/10/06 7:22	erussell	Q19772
1,2,3-Trichloropropane	BRL	µg/kg	10	0.88	1	8260B	12/10/06 7:22	erussell	Q19772
1,2,4-Trichlorobenzene	BRL	µg/kg	20	0.96	1	8260B	12/10/06 7:22	erussell	Q19772
1,2,4-Trimethylbenzene	BRL	µg/kg	20	0.76	1	8260B	12/10/06 7:22	erussell	Q19772
1,2-Dibromo-3-chloropropane	BRL	µg/kg	20	1.3	1	8260B	12/10/06 7:22	erussell	Q19772
1,2-Dibromoethane (EDB)	BRL	µg/kg	10	0.18	1	8260B	12/10/06 7:22	erussell	Q19772
1,2-Dichlorobenzene	BRL	µg/kg	20	0.54	1	8260B	12/10/06 7:22	erussell	Q19772
1,2-Dichloroethane	BRL	µg/kg	10	0.99	1	8260B	12/10/06 7:22	erussell	Q19772
1,2-Dichloropropane	BRL	µg/kg	10	0.74	1	8260B	12/10/06 7:22	erussell	Q19772
1,3,5-Trimethylbenzene	BRL	µg/kg	20	0.84	1	8260B	12/10/06 7:22	erussell	Q19772
1,3-Dichlorobenzene	BRL	µg/kg	20	0.86	1	8260B	12/10/06 7:22	erussell	Q19772
1,3-Dichloropropane	BRL	µg/kg	10	0.68	1	8260B	12/10/06 7:22	erussell	Q19772
1,4-Dichlorobenzene	BRL	µg/kg	20	0.78	1	8260B	12/10/06 7:22	erussell	Q19772
2,2-Dichloropropane	BRL	µg/kg	10	0.50	1	8260B	12/10/06 7:22	erussell	Q19772
2-Chloroethyl vinyl ether	BRL	µg/kg	20	0.74	1	8260B	12/10/06 7:22	erussell	Q19772
2-Chlorotoluene	BRL	µg/kg	20	0.74	1	8260B	12/10/06 7:22	erussell	Q19772
2-Hexanone	BRL	µg/kg	100	1.0	1	8260B	12/10/06 7:22	erussell	Q19772
4-Chlorotoluene	BRL	µg/kg	20	0.52	1	8260B	12/10/06 7:22	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-3
Prism Sample ID: 168065
COC Group: G1206140
Time Collected: 12/04/06 13:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	**BRL**	µg/kg	20	0.99	1	8260B	12/10/06 7:22	erussell	Q19772
Acetone	**1700 E**	µg/kg	40	3.9	1	8260B	12/10/06 7:22	erussell	Q19772
Benzene	**BRL**	µg/kg	6.0	0.80	1	8260B	12/10/06 7:22	erussell	Q19772
Bromobenzene	**BRL**	µg/kg	10	0.70	1	8260B	12/10/06 7:22	erussell	Q19772
Bromochloromethane	**BRL**	µg/kg	10	0.60	1	8260B	12/10/06 7:22	erussell	Q19772
Bromodichloromethane	**BRL**	µg/kg	10	0.88	1	8260B	12/10/06 7:22	erussell	Q19772
Bromoform	**BRL**	µg/kg	10	0.74	1	8260B	12/10/06 7:22	erussell	Q19772
Bromomethane	**BRL**	µg/kg	20	1.2	1	8260B	12/10/06 7:22	erussell	Q19772
Carbon disulfide	**BRL**	µg/kg	20	0.64	1	8260B	12/10/06 7:22	erussell	Q19772
Carbon tetrachloride	**BRL**	µg/kg	10	0.58	1	8260B	12/10/06 7:22	erussell	Q19772
Chlorobenzene	**BRL**	µg/kg	10	0.76	1	8260B	12/10/06 7:22	erussell	Q19772
Chlorodibromomethane	**BRL**	µg/kg	10	0.68	1	8260B	12/10/06 7:22	erussell	Q19772
Chloroethane	**BRL**	µg/kg	20	0.82	1	8260B	12/10/06 7:22	erussell	Q19772
Chloroform	**BRL**	µg/kg	10	0.74	1	8260B	12/10/06 7:22	erussell	Q19772
Chloromethane	**BRL**	µg/kg	20	0.70	1	8260B	12/10/06 7:22	erussell	Q19772
cis-1,2-Dichloroethene	**BRL**	µg/kg	10	0.44	1	8260B	12/10/06 7:22	erussell	Q19772
cis-1,3-Dichloropropene	**BRL**	µg/kg	10	0.64	1	8260B	12/10/06 7:22	erussell	Q19772
Dibromomethane	**BRL**	µg/kg	10	0.74	1	8260B	12/10/06 7:22	erussell	Q19772
Dichlorodifluoromethane	**BRL**	µg/kg	20	2.2	1	8260B	12/10/06 7:22	erussell	Q19772
Ethylbenzene	**BRL**	µg/kg	10	0.70	1	8260B	12/10/06 7:22	erussell	Q19772
Hexachlorobutadiene	**BRL**	µg/kg	30	1.2	1	8260B	12/10/06 7:22	erussell	Q19772
Isopropyl ether (IPE)	**BRL**	µg/kg	10	0.34	1	8260B	12/10/06 7:22	erussell	Q19772
Isopropylbenzene	**BRL**	µg/kg	20	0.80	1	8260B	12/10/06 7:22	erussell	Q19772
m,p-Xylenes	**BRL**	µg/kg	20	1.4	1	8260B	12/10/06 7:22	erussell	Q19772
Methyl ethyl ketone (MEK)	**230**	µg/kg	40	2.8	1	8260B	12/10/06 7:22	erussell	Q19772
Methyl t-butyl ether (MTBE)	**BRL**	µg/kg	10	0.58	1	8260B	12/10/06 7:22	erussell	Q19772
Methylene chloride	**BRL**	µg/kg	20	0.82	1	8260B	12/10/06 7:22	erussell	Q19772
n-Butylbenzene	**BRL**	µg/kg	30	0.80	1	8260B	12/10/06 7:22	erussell	Q19772

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SC Certification No. 99012
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Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-3
Prism Sample ID: 168065
COC Group: G1206140
Time Collected: 12/04/06 13:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	20	0.60	1	8260B	12/10/06 7:22	erussell	Q19772
Naphthalene	**BRL**	µg/kg	10	1.2	1	8260B	12/10/06 7:22	erussell	Q19772
o-Xylene	**BRL**	µg/kg	10	0.60	1	8260B	12/10/06 7:22	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	30	0.82	1	8260B	12/10/06 7:22	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	30	0.66	1	8260B	12/10/06 7:22	erussell	Q19772
Styrene	**BRL**	µg/kg	10	0.99	1	8260B	12/10/06 7:22	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	40	0.62	1	8260B	12/10/06 7:22	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	20	1.7	1	8260B	12/10/06 7:22	erussell	Q19772
Toluene	**BRL**	µg/kg	10	0.68	1	8260B	12/10/06 7:22	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	10	0.76	1	8260B	12/10/06 7:22	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	10	0.70	1	8260B	12/10/06 7:22	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	10	0.60	1	8260B	12/10/06 7:22	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	10	0.82	1	8260B	12/10/06 7:22	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	20	1.3	1	8260B	12/10/06 7:22	erussell	Q19772

* Analysis Note for Acetone: E - Estimated concentration greater than the instrument calibration range. The concentration is less than the RL for a medium level analysis.

Two surrogate recoveries were outside of the control limits. No compounds were detected that were associated with thes surrogates. No further action was taken.

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	155 #	77 - 128
Dibromofluoromethane	122	67 - 143
Toluene-d8	136 #	81 - 128

Sample Weight Determination

Weight Bisulfate 1	**4.24**	g	1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**3.98**	g	1	5035	12/13/06 0:00	lbrown
Weight Methanol	**4.25**	g	1	5035	12/13/06 0:00	lbrown

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Client Sample ID: SUMP-3
Prism Sample ID: 168065
COC Group: G1206140
Time Collected: 12/04/06 13:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Semi-volatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	µg/kg	5600	940	1	8270C	12/13/06 12:50	kelliot	Q19784
1,2-Dichlorobenzene	BRL	µg/kg	5600	770	1	8270C	12/13/06 12:50	kelliot	Q19784
1,3-Dichlorobenzene	BRL	µg/kg	5600	580	1	8270C	12/13/06 12:50	kelliot	Q19784
1,4-Dichlorobenzene	BRL	µg/kg	5600	460	1	8270C	12/13/06 12:50	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	5600	1300	1	8270C	12/13/06 12:50	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	5600	1200	1	8270C	12/13/06 12:50	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	5600	1200	1	8270C	12/13/06 12:50	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	5600	1100	1	8270C	12/13/06 12:50	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	5600	1400	1	8270C	12/13/06 12:50	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	5600	870	1	8270C	12/13/06 12:50	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	5600	660	1	8270C	12/13/06 12:50	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	5600	920	1	8270C	12/13/06 12:50	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	5600	560	1	8270C	12/13/06 12:50	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	5600	950	1	8270C	12/13/06 12:50	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	5600	900	1	8270C	12/13/06 12:50	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	5600	710	1	8270C	12/13/06 12:50	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	5600	880	1	8270C	12/13/06 12:50	kelliot	Q19784
3,3´-Dichlorobenzidine	BRL	µg/kg	5600	1900	1	8270C	12/13/06 12:50	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	5600	1300	1	8270C	12/13/06 12:50	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	5600	940	1	8270C	12/13/06 12:50	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	5600	1100	1	8270C	12/13/06 12:50	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	5600	850	1	8270C	12/13/06 12:50	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	5600	1400	1	8270C	12/13/06 12:50	kelliot	Q19784
Acenaphthene	BRL	µg/kg	5600	1100	1	8270C	12/13/06 12:50	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	5600	1100	1	8270C	12/13/06 12:50	kelliot	Q19784
Anthracene	BRL	µg/kg	5600	680	1	8270C	12/13/06 12:50	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	5600	1100	1	8270C	12/13/06 12:50	kelliot	Q19784

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-3
Prism Sample ID: 168065
COC Group: G1206140
Time Collected: 12/04/06 13:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Benzo(a)pyrene	BRL	µg/kg	5600	560	1	8270C	12/13/06 12:50	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	5600	750	1	8270C	12/13/06 12:50	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	5600	1300	1	8270C	12/13/06 12:50	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	5600	660	1	8270C	12/13/06 12:50	kelliot	Q19784
Bis(2-chloroethoxy)methane	BRL	µg/kg	5600	1100	1	8270C	12/13/06 12:50	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	5600	390	1	8270C	12/13/06 12:50	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	5600	780	1	8270C	12/13/06 12:50	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	5600	610	1	8270C	12/13/06 12:50	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	5600	580	1	8270C	12/13/06 12:50	kelliot	Q19784
Chrysene	BRL	µg/kg	5600	1100	1	8270C	12/13/06 12:50	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	5600	770	1	8270C	12/13/06 12:50	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	5600	970	1	8270C	12/13/06 12:50	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	5600	1300	1	8270C	12/13/06 12:50	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	5600	1000	1	8270C	12/13/06 12:50	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	5600	560	1	8270C	12/13/06 12:50	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	5600	770	1	8270C	12/13/06 12:50	kelliot	Q19784
Fluoranthene	BRL	µg/kg	5600	680	1	8270C	12/13/06 12:50	kelliot	Q19784
Fluorene	BRL	µg/kg	5600	1100	1	8270C	12/13/06 12:50	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	5600	820	1	8270C	12/13/06 12:50	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	5600	730	1	8270C	12/13/06 12:50	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	5600	1300	1	8270C	12/13/06 12:50	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	5600	750	1	8270C	12/13/06 12:50	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	5600	1400	1	8270C	12/13/06 12:50	kelliot	Q19784
Isophorone	BRL	µg/kg	5600	1000	1	8270C	12/13/06 12:50	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	5600	1000	1	8270C	12/13/06 12:50	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	5600	820	1	8270C	12/13/06 12:50	kelliot	Q19784
Naphthalene	BRL	µg/kg	5600	780	1	8270C	12/13/06 12:50	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	5600	1000	1	8270C	12/13/06 12:50	kelliot	Q19784

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-3
Prism Sample ID: 168065
COC Group: G1206140
Time Collected: 12/04/06 13:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Pentachlorophenol	**BRL**	µg/kg	5600	730	1	8270C	12/13/06 12:50	kelliot	Q19784
Phenanthrene	**BRL**	µg/kg	5600	630	1	8270C	12/13/06 12:50	kelliot	Q19784
Phenol	**BRL**	µg/kg	5600	680	1	8270C	12/13/06 12:50	kelliot	Q19784
Pyrene	**BRL**	µg/kg	5600	440	1	8270C	12/13/06 12:50	kelliot	Q19784
Sample Preparation:			29.9 g / 10 mL			3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	DO #	25 - 123
2-Fluorobiphenyl	DO #	21 - 108
2-Fluorophenol	DO #	14 - 89
Nitrobenzene-d5	DO #	14 - 103
Phenol-d5	DO #	13 - 95
Terphenyl-d14	DO #	41 - 136

Mercury by CVAA									
Mercury	**1.1**	mg/kg	0.034	0.0066	1	7471A	12/07/06 15:08	jhoppel	Q19775
Sample Preparation:			0.6 g / 50 mL			7471A	12/07/06 9:00	jhoppel	P17006
Metals by ICP									
Arsenic	**29**	mg/kg	2.5	0.36	3	6010B	12/08/06 11:56	mcampbell	Q19738
Barium	**380**	mg/kg	2.5	1.6	3	6010B	12/08/06 11:56	mcampbell	Q19738
Cadmium	**27**	mg/kg	1.2	0.017	3	6010B	12/08/06 11:56	mcampbell	Q19738
Chromium	**110**	mg/kg	1.2	0.074	3	6010B	12/08/06 11:56	mcampbell	Q19738
Lead	**3000**	mg/kg	8.3	0.69	20	6010B	12/11/06 16:41	mcampbell	Q19738
Selenium	**BRL**	mg/kg	2.5	0.79	3	6010B	12/08/06 11:56	mcampbell	Q19738
Silver	**BRL**	mg/kg	1.2	0.094	3	6010B	12/08/06 11:56	mcampbell	Q19738
Sample Preparation:			2.05 g / 50 mL			3050B	12/07/06 10:00	jhoppel	P17004

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SUMP-3
Prism Sample ID: 168065
COC Group: G1206140
Time Collected: 12/04/06 13:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-7 (2-4')
Prism Sample ID: 168066
COC Group: G1206140
Time Collected: 12/04/06 16:10
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**91.5**	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	**BRL**	µg/kg	4.2	0.41	1	8260B	12/10/06 7:53	erussell	Q19772
1,1,1-Trichloroethane	**BRL**	µg/kg	4.2	0.24	1	8260B	12/10/06 7:53	erussell	Q19772
1,1,2,2-Tetrachloroethane	**BRL**	µg/kg	4.2	0.43	1	8260B	12/10/06 7:53	erussell	Q19772
1,1,2-Trichloroethane	**BRL**	µg/kg	4.2	0.26	1	8260B	12/10/06 7:53	erussell	Q19772
1,1-Dichloroethane	**BRL**	µg/kg	4.2	0.30	1	8260B	12/10/06 7:53	erussell	Q19772
1,1-Dichloroethene	**BRL**	µg/kg	4.2	0.32	1	8260B	12/10/06 7:53	erussell	Q19772
1,1-Dichloropropene	**BRL**	µg/kg	4.2	0.37	1	8260B	12/10/06 7:53	erussell	Q19772
1,2,3-Trichlorobenzene	**BRL**	µg/kg	8.4	0.46	1	8260B	12/10/06 7:53	erussell	Q19772
1,2,3-Trichloropropane	**BRL**	µg/kg	4.2	0.37	1	8260B	12/10/06 7:53	erussell	Q19772
1,2,4-Trichlorobenzene	**BRL**	µg/kg	8.4	0.40	1	8260B	12/10/06 7:53	erussell	Q19772
1,2,4-Trimethylbenzene	**BRL**	µg/kg	8.4	0.32	1	8260B	12/10/06 7:53	erussell	Q19772
1,2-Dibromo-3-chloropropane	**BRL**	µg/kg	8.4	0.86	1	8260B	12/10/06 7:53	erussell	Q19772
1,2-Dibromoethane (EDB)	**BRL**	µg/kg	4.2	0.076	1	8260B	12/10/06 7:53	erussell	Q19772
1,2-Dichlorobenzene	**BRL**	µg/kg	8.4	0.23	1	8260B	12/10/06 7:53	erussell	Q19772
1,2-Dichloroethane	**BRL**	µg/kg	4.2	0.42	1	8260B	12/10/06 7:53	erussell	Q19772
1,2-Dichloropropane	**BRL**	µg/kg	4.2	0.31	1	8260B	12/10/06 7:53	erussell	Q19772
1,3,5-Trimethylbenzene	**BRL**	µg/kg	8.4	0.35	1	8260B	12/10/06 7:53	erussell	Q19772
1,3-Dichlorobenzene	**BRL**	µg/kg	8.4	0.36	1	8260B	12/10/06 7:53	erussell	Q19772
1,3-Dichloropropane	**BRL**	µg/kg	4.2	0.29	1	8260B	12/10/06 7:53	erussell	Q19772
1,4-Dichlorobenzene	**BRL**	µg/kg	8.4	0.33	1	8260B	12/10/06 7:53	erussell	Q19772
2,2-Dichloropropane	**BRL**	µg/kg	4.2	0.21	1	8260B	12/10/06 7:53	erussell	Q19772
2-Chloroethyl vinyl ether	**BRL**	µg/kg	8.4	0.31	1	8260B	12/10/06 7:53	erussell	Q19772
2-Chlorotoluene	**BRL**	µg/kg	8.4	0.31	1	8260B	12/10/06 7:53	erussell	Q19772
2-Hexanone	**BRL**	µg/kg	42	0.44	1	8260B	12/10/06 7:53	erussell	Q19772
4-Chlorotoluene	**BRL**	µg/kg	8.4	0.22	1	8260B	12/10/06 7:53	erussell	Q19772

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Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-7 (2-4')
Prism Sample ID: 168066
COC Group: G1206140
Time Collected: 12/04/06 16:10
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	**BRL**	µg/kg	8.4	0.42	1	8260B	12/10/06 7:53	erussell	Q19772
Acetone	**52**	µg/kg	17	1.6	1	8260B	12/10/06 7:53	erussell	Q19772
Benzene	**BRL**	µg/kg	2.5	0.34	1	8260B	12/10/06 7:53	erussell	Q19772
Bromobenzene	**BRL**	µg/kg	4.2	0.29	1	8260B	12/10/06 7:53	erussell	Q19772
Bromochloromethane	**BRL**	µg/kg	4.2	0.25	1	8260B	12/10/06 7:53	erussell	Q19772
Bromodichloromethane	**BRL**	µg/kg	4.2	0.37	1	8260B	12/10/06 7:53	erussell	Q19772
Bromoform	**BRL**	µg/kg	4.2	0.31	1	8260B	12/10/06 7:53	erussell	Q19772
Bromomethane	**BRL**	µg/kg	8.4	0.49	1	8260B	12/10/06 7:53	erussell	Q19772
Carbon disulfide	**BRL**	µg/kg	8.4	0.27	1	8260B	12/10/06 7:53	erussell	Q19772
Carbon tetrachloride	**BRL**	µg/kg	4.2	0.24	1	8260B	12/10/06 7:53	erussell	Q19772
Chlorobenzene	**BRL**	µg/kg	4.2	0.32	1	8260B	12/10/06 7:53	erussell	Q19772
Chlorodibromomethane	**BRL**	µg/kg	4.2	0.29	1	8260B	12/10/06 7:53	erussell	Q19772
Chloroethane	**BRL**	µg/kg	8.4	0.34	1	8260B	12/10/06 7:53	erussell	Q19772
Chloroform	**BRL**	µg/kg	4.2	0.31	1	8260B	12/10/06 7:53	erussell	Q19772
Chloromethane	**BRL**	µg/kg	8.4	0.29	1	8260B	12/10/06 7:53	erussell	Q19772
cis-1,2-Dichloroethene	**BRL**	µg/kg	4.2	0.18	1	8260B	12/10/06 7:53	erussell	Q19772
cis-1,3-Dichloropropene	**BRL**	µg/kg	4.2	0.27	1	8260B	12/10/06 7:53	erussell	Q19772
Dibromomethane	**BRL**	µg/kg	4.2	0.31	1	8260B	12/10/06 7:53	erussell	Q19772
Dichlorodifluoromethane	**BRL**	µg/kg	8.4	0.94	1	8260B	12/10/06 7:53	erussell	Q19772
Ethylbenzene	**BRL**	µg/kg	4.2	0.29	1	8260B	12/10/06 7:53	erussell	Q19772
Hexachlorobutadiene	**BRL**	µg/kg	13	0.52	1	8260B	12/10/06 7:53	erussell	Q19772
Isopropyl ether (IPE)	**BRL**	µg/kg	4.2	0.14	1	8260B	12/10/06 7:53	erussell	Q19772
Isopropylbenzene	**BRL**	µg/kg	8.4	0.34	1	8260B	12/10/06 7:53	erussell	Q19772
m,p-Xylenes	**BRL**	µg/kg	8.4	0.59	1	8260B	12/10/06 7:53	erussell	Q19772
Methyl ethyl ketone (MEK)	**BRL**	µg/kg	17	1.2	1	8260B	12/10/06 7:53	erussell	Q19772
Methyl t-butyl ether (MTBE)	**BRL**	µg/kg	4.2	0.24	1	8260B	12/10/06 7:53	erussell	Q19772
Methylene chloride	**BRL**	µg/kg	8.4	0.34	1	8260B	12/10/06 7:53	erussell	Q19772
n-Butylbenzene	**BRL**	µg/kg	13	0.34	1	8260B	12/10/06 7:53	erussell	Q19772

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Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-7 (2-4')
Prism Sample ID: 168066
COC Group: G1206140
Time Collected: 12/04/06 16:10
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	8.4	0.25	1	8260B	12/10/06 7:53	erussell	Q19772
Naphthalene	**BRL**	µg/kg	4.2	0.49	1	8260B	12/10/06 7:53	erussell	Q19772
o-Xylene	**BRL**	µg/kg	4.2	0.25	1	8260B	12/10/06 7:53	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	13	0.34	1	8260B	12/10/06 7:53	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	13	0.28	1	8260B	12/10/06 7:53	erussell	Q19772
Styrene	**BRL**	µg/kg	4.2	0.42	1	8260B	12/10/06 7:53	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	17	0.26	1	8260B	12/10/06 7:53	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	8.4	0.72	1	8260B	12/10/06 7:53	erussell	Q19772
Toluene	**BRL**	µg/kg	4.2	0.29	1	8260B	12/10/06 7:53	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	4.2	0.32	1	8260B	12/10/06 7:53	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	4.2	0.29	1	8260B	12/10/06 7:53	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	4.2	0.25	1	8260B	12/10/06 7:53	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	4.2	0.34	1	8260B	12/10/06 7:53	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	8.4	0.54	1	8260B	12/10/06 7:53	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	107	77 - 128
Dibromofluoromethane	100	67 - 143
Toluene-d8	100	81 - 128

Sample Weight Determination

Weight Bisulfate 1	**6.50**	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**6.51**	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	**6.33**	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	360	60	1	8270C	12/12/06 3:21	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	360	49	1	8270C	12/12/06 3:21	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	360	37	1	8270C	12/12/06 3:21	kelliot	Q19784

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-7 (2-4')
Prism Sample ID: 168066
COC Group: G1206140
Time Collected: 12/04/06 16:10
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	360	30	1	8270C	12/12/06 3:21	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	360	81	1	8270C	12/12/06 3:21	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	360	77	1	8270C	12/12/06 3:21	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	360	75	1	8270C	12/12/06 3:21	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	360	70	1	8270C	12/12/06 3:21	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	360	90	1	8270C	12/12/06 3:21	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	360	56	1	8270C	12/12/06 3:21	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	360	43	1	8270C	12/12/06 3:21	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	360	59	1	8270C	12/12/06 3:21	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	360	36	1	8270C	12/12/06 3:21	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	360	62	1	8270C	12/12/06 3:21	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	360	58	1	8270C	12/12/06 3:21	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	360	46	1	8270C	12/12/06 3:21	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	360	57	1	8270C	12/12/06 3:21	kelliot	Q19784
3,3´-Dichlorobenzidine	BRL	µg/kg	360	120	1	8270C	12/12/06 3:21	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	360	81	1	8270C	12/12/06 3:21	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	360	60	1	8270C	12/12/06 3:21	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	360	68	1	8270C	12/12/06 3:21	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	360	55	1	8270C	12/12/06 3:21	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	360	90	1	8270C	12/12/06 3:21	kelliot	Q19784
Acenaphthene	BRL	µg/kg	360	69	1	8270C	12/12/06 3:21	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	360	68	1	8270C	12/12/06 3:21	kelliot	Q19784
Anthracene	BRL	µg/kg	360	44	1	8270C	12/12/06 3:21	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	360	71	1	8270C	12/12/06 3:21	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	360	36	1	8270C	12/12/06 3:21	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	360	48	1	8270C	12/12/06 3:21	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	360	83	1	8270C	12/12/06 3:21	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	360	43	1	8270C	12/12/06 3:21	kelliot	Q19784

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Sample Matrix: Soil

Client Sample ID: SB-7 (2-4')
Prism Sample ID: 168066
COC Group: G1206140
Time Collected: 12/04/06 16:10
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	**BRL**	µg/kg	360	69	1	8270C	12/12/06 3:21	kelliot	Q19784
Bis(2-chloroethyl)ether	**BRL**	µg/kg	360	25	1	8270C	12/12/06 3:21	kelliot	Q19784
Bis(2-chloroisopropyl)ether	**BRL**	µg/kg	360	51	1	8270C	12/12/06 3:21	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	**BRL**	µg/kg	360	40	1	8270C	12/12/06 3:21	kelliot	Q19784
Butylbenzylphthalate	**BRL**	µg/kg	360	37	1	8270C	12/12/06 3:21	kelliot	Q19784
Chrysene	**BRL**	µg/kg	360	68	1	8270C	12/12/06 3:21	kelliot	Q19784
Di-n-butylphthalate	**BRL**	µg/kg	360	49	1	8270C	12/12/06 3:21	kelliot	Q19784
Di-n-octylphthalate	**BRL**	µg/kg	360	63	1	8270C	12/12/06 3:21	kelliot	Q19784
Dibenzo(a,h)anthracene	**BRL**	µg/kg	360	86	1	8270C	12/12/06 3:21	kelliot	Q19784
Dibenzofuran	**BRL**	µg/kg	360	67	1	8270C	12/12/06 3:21	kelliot	Q19784
Diethylphthalate	**BRL**	µg/kg	360	36	1	8270C	12/12/06 3:21	kelliot	Q19784
Dimethylphthalate	**BRL**	µg/kg	360	49	1	8270C	12/12/06 3:21	kelliot	Q19784
Fluoranthene	**BRL**	µg/kg	360	44	1	8270C	12/12/06 3:21	kelliot	Q19784
Fluorene	**BRL**	µg/kg	360	68	1	8270C	12/12/06 3:21	kelliot	Q19784
Hexachlorobenzene	**BRL**	µg/kg	360	53	1	8270C	12/12/06 3:21	kelliot	Q19784
Hexachlorobutadiene	**BRL**	µg/kg	360	47	1	8270C	12/12/06 3:21	kelliot	Q19784
Hexachlorocyclopentadiene	**BRL**	µg/kg	360	83	1	8270C	12/12/06 3:21	kelliot	Q19784
Hexachloroethane	**BRL**	µg/kg	360	48	1	8270C	12/12/06 3:21	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	**BRL**	µg/kg	360	92	1	8270C	12/12/06 3:21	kelliot	Q19784
Isophorone	**BRL**	µg/kg	360	67	1	8270C	12/12/06 3:21	kelliot	Q19784
N-Nitrosodi-n-propylamine	**BRL**	µg/kg	360	66	1	8270C	12/12/06 3:21	kelliot	Q19784
N-Nitrosodiphenylamine	**BRL**	µg/kg	360	53	1	8270C	12/12/06 3:21	kelliot	Q19784
Naphthalene	**BRL**	µg/kg	360	51	1	8270C	12/12/06 3:21	kelliot	Q19784
Nitrobenzene	**BRL**	µg/kg	360	66	1	8270C	12/12/06 3:21	kelliot	Q19784
Pentachlorophenol	**BRL**	µg/kg	360	47	1	8270C	12/12/06 3:21	kelliot	Q19784
Phenanthrene	**BRL**	µg/kg	360	41	1	8270C	12/12/06 3:21	kelliot	Q19784
Phenol	**BRL**	µg/kg	360	44	1	8270C	12/12/06 3:21	kelliot	Q19784
Pyrene	**BRL**	µg/kg	360	29	1	8270C	12/12/06 3:21	kelliot	Q19784

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-7 (2-4')
Prism Sample ID: 168066
COC Group: G1206140
Time Collected: 12/04/06 16:10
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			29.85 g /		1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	94	25 - 123
2-Fluorobiphenyl	74	21 - 108
2-Fluorophenol	66	14 - 89
Nitrobenzene-d5	67	14 - 103
Phenol-d5	74	13 - 95
Terphenyl-d14	98	41 - 136

Metals by ICP									
Chromium	**10**	mg/kg	0.83	0.050	3	6010B	12/08/06 14:57	mcampbell	Q19756
Lead	**12**	mg/kg	0.83	0.070	3	6010B	12/08/06 14:57	mcampbell	Q19756
Sample Preparation:			1.98 g /		50 mL	3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-10 (6-8')
Prism Sample ID: 168067
COC Group: G1206140
Time Collected: 12/05/06 9:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	75.9	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.6	0.75	1	8260B	12/10/06 8:25	erussell	Q19772
1,1,1-Trichloroethane	BRL	µg/kg	5.6	0.92	1	8260B	12/10/06 8:25	erussell	Q19772
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.6	0.68	1	8260B	12/10/06 8:25	erussell	Q19772
1,1,2-Trichloroethane	BRL	µg/kg	5.6	0.54	1	8260B	12/10/06 8:25	erussell	Q19772
1,1-Dichloroethane	BRL	µg/kg	5.6	1.1	1	8260B	12/10/06 8:25	erussell	Q19772
1,1-Dichloroethene	BRL	µg/kg	5.6	0.83	1	8260B	12/10/06 8:25	erussell	Q19772
1,1-Dichloropropene	BRL	µg/kg	5.6	0.96	1	8260B	12/10/06 8:25	erussell	Q19772
1,2,3-Trichlorobenzene	BRL	µg/kg	11	3.9	1	8260B	12/10/06 8:25	erussell	Q19772
1,2,3-Trichloropropane	BRL	µg/kg	5.6	0.29	1	8260B	12/10/06 8:25	erussell	Q19772
1,2,4-Trichlorobenzene	BRL	µg/kg	11	3.8	1	8260B	12/10/06 8:25	erussell	Q19772
1,2,4-Trimethylbenzene	BRL	µg/kg	11	4.0	1	8260B	12/10/06 8:25	erussell	Q19772
1,2-Dibromo-3-chloropropane	BRL	µg/kg	5.6	1.6	1	8260B	12/10/06 8:25	erussell	Q19772
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.6	0.56	1	8260B	12/10/06 8:25	erussell	Q19772
1,2-Dichlorobenzene	BRL	µg/kg	11	2.7	1	8260B	12/10/06 8:25	erussell	Q19772
1,2-Dichloroethane	BRL	µg/kg	5.6	1.3	1	8260B	12/10/06 8:25	erussell	Q19772
1,2-Dichloropropane	BRL	µg/kg	5.6	1.2	1	8260B	12/10/06 8:25	erussell	Q19772
1,3,5-Trimethylbenzene	BRL	µg/kg	11	4.1	1	8260B	12/10/06 8:25	erussell	Q19772
1,3-Dichlorobenzene	BRL	µg/kg	11	3.2	1	8260B	12/10/06 8:25	erussell	Q19772
1,3-Dichloropropane	BRL	µg/kg	5.6	0.99	1	8260B	12/10/06 8:25	erussell	Q19772
1,4-Dichlorobenzene	BRL	µg/kg	11	2.6	1	8260B	12/10/06 8:25	erussell	Q19772
2,2-Dichloropropane	BRL	µg/kg	5.6	1.0	1	8260B	12/10/06 8:25	erussell	Q19772
2-Chloroethyl vinyl ether	BRL	µg/kg	11	0.87	1	8260B	12/10/06 8:25	erussell	Q19772
2-Chlorotoluene	BRL	µg/kg	11	2.8	1	8260B	12/10/06 8:25	erussell	Q19772
2-Hexanone	BRL	µg/kg	56	0.70	1	8260B	12/10/06 8:25	erussell	Q19772
4-Chlorotoluene	BRL	µg/kg	11	2.9	1	8260B	12/10/06 8:25	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-10 (6-8')
Prism Sample ID: 168067
COC Group: G1206140
Time Collected: 12/05/06 9:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	11	1.0	1	8260B	12/10/06 8:25	erussell	Q19772
Acetone	BRL	µg/kg	22	5.7	1	8260B	12/10/06 8:25	erussell	Q19772
Benzene	BRL	µg/kg	3.4	1.1	1	8260B	12/10/06 8:25	erussell	Q19772
Bromobenzene	BRL	µg/kg	5.6	0.79	1	8260B	12/10/06 8:25	erussell	Q19772
Bromochloromethane	BRL	µg/kg	5.6	0.92	1	8260B	12/10/06 8:25	erussell	Q19772
Bromodichloromethane	BRL	µg/kg	5.6	0.69	1	8260B	12/10/06 8:25	erussell	Q19772
Bromoform	BRL	µg/kg	5.6	0.91	1	8260B	12/10/06 8:25	erussell	Q19772
Bromomethane	BRL	µg/kg	11	0.88	1	8260B	12/10/06 8:25	erussell	Q19772
Carbon disulfide	BRL	µg/kg	11	0.81	1	8260B	12/10/06 8:25	erussell	Q19772
Carbon tetrachloride	BRL	µg/kg	5.6	0.86	1	8260B	12/10/06 8:25	erussell	Q19772
Chlorobenzene	BRL	µg/kg	5.6	0.96	1	8260B	12/10/06 8:25	erussell	Q19772
Chlorodibromomethane	BRL	µg/kg	5.6	1.1	1	8260B	12/10/06 8:25	erussell	Q19772
Chloroethane	BRL	µg/kg	11	1.3	1	8260B	12/10/06 8:25	erussell	Q19772
Chloroform	BRL	µg/kg	5.6	0.69	1	8260B	12/10/06 8:25	erussell	Q19772
Chloromethane	BRL	µg/kg	11	0.55	1	8260B	12/10/06 8:25	erussell	Q19772
cis-1,2-Dichloroethene	BRL	µg/kg	5.6	0.97	1	8260B	12/10/06 8:25	erussell	Q19772
cis-1,3-Dichloropropene	BRL	µg/kg	5.6	1.2	1	8260B	12/10/06 8:25	erussell	Q19772
Dibromomethane	BRL	µg/kg	5.6	0.50	1	8260B	12/10/06 8:25	erussell	Q19772
Dichlorodifluoromethane	BRL	µg/kg	11	0.70	1	8260B	12/10/06 8:25	erussell	Q19772
Ethylbenzene	BRL	µg/kg	5.6	2.1	1	8260B	12/10/06 8:25	erussell	Q19772
Hexachlorobutadiene	BRL	µg/kg	17	5.6	1	8260B	12/10/06 8:25	erussell	Q19772
Isopropyl ether (IPE)	BRL	µg/kg	5.6	1.1	1	8260B	12/10/06 8:25	erussell	Q19772
Isopropylbenzene	BRL	µg/kg	11	3.7	1	8260B	12/10/06 8:25	erussell	Q19772
m,p-Xylenes	BRL	µg/kg	11	4.6	1	8260B	12/10/06 8:25	erussell	Q19772
Methyl ethyl ketone (MEK)	BRL	µg/kg	22	2.1	1	8260B	12/10/06 8:25	erussell	Q19772
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.6	0.66	1	8260B	12/10/06 8:25	erussell	Q19772
Methylene chloride	BRL	µg/kg	11	1.3	1	8260B	12/10/06 8:25	erussell	Q19772
n-Butylbenzene	BRL	µg/kg	17	5.1	1	8260B	12/10/06 8:25	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-10 (6-8')
Prism Sample ID: 168067
COC Group: G1206140
Time Collected: 12/05/06 9:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	11	4.4	1	8260B	12/10/06 8:25	erussell	Q19772
Naphthalene	**BRL**	µg/kg	5.6	2.2	1	8260B	12/10/06 8:25	erussell	Q19772
o-Xylene	**BRL**	µg/kg	5.6	1.8	1	8260B	12/10/06 8:25	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	17	5.0	1	8260B	12/10/06 8:25	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	17	5.4	1	8260B	12/10/06 8:25	erussell	Q19772
Styrene	**BRL**	µg/kg	5.6	1.3	1	8260B	12/10/06 8:25	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	22	6.3	1	8260B	12/10/06 8:25	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	11	2.1	1	8260B	12/10/06 8:25	erussell	Q19772
Toluene	**BRL**	µg/kg	5.6	1.2	1	8260B	12/10/06 8:25	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	5.6	1.1	1	8260B	12/10/06 8:25	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	5.6	1.2	1	8260B	12/10/06 8:25	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	5.6	1.1	1	8260B	12/10/06 8:25	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	5.6	0.97	1	8260B	12/10/06 8:25	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	11	0.68	1	8260B	12/10/06 8:25	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	109	77 - 128
Dibromofluoromethane	104	67 - 143
Toluene-d8	105	81 - 128

Sample Weight Determination

Weight Bisulfate 1	**5.89**	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**5.90**	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	**5.54**	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	440	73	1	8270C	12/12/06 4:12	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	440	60	1	8270C	12/12/06 4:12	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	440	45	1	8270C	12/12/06 4:12	kelliot	Q19784

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-10 (6-8')
Prism Sample ID: 168067
COC Group: G1206140
Time Collected: 12/05/06 9:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	440	36	1	8270C	12/12/06 4:12	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	440	99	1	8270C	12/12/06 4:12	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	440	93	1	8270C	12/12/06 4:12	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	440	91	1	8270C	12/12/06 4:12	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	440	85	1	8270C	12/12/06 4:12	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	440	110	1	8270C	12/12/06 4:12	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	440	68	1	8270C	12/12/06 4:12	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	440	52	1	8270C	12/12/06 4:12	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	440	72	1	8270C	12/12/06 4:12	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	440	44	1	8270C	12/12/06 4:12	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	440	75	1	8270C	12/12/06 4:12	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	440	71	1	8270C	12/12/06 4:12	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	440	56	1	8270C	12/12/06 4:12	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	440	69	1	8270C	12/12/06 4:12	kelliot	Q19784
3,3'-Dichlorobenzidine	BRL	µg/kg	440	150	1	8270C	12/12/06 4:12	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	440	99	1	8270C	12/12/06 4:12	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	440	73	1	8270C	12/12/06 4:12	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	440	83	1	8270C	12/12/06 4:12	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	440	67	1	8270C	12/12/06 4:12	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	440	110	1	8270C	12/12/06 4:12	kelliot	Q19784
Acenaphthene	BRL	µg/kg	440	84	1	8270C	12/12/06 4:12	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	440	83	1	8270C	12/12/06 4:12	kelliot	Q19784
Anthracene	BRL	µg/kg	440	53	1	8270C	12/12/06 4:12	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	440	87	1	8270C	12/12/06 4:12	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	440	44	1	8270C	12/12/06 4:12	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	440	59	1	8270C	12/12/06 4:12	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	440	100	1	8270C	12/12/06 4:12	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	440	52	1	8270C	12/12/06 4:12	kelliot	Q19784

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-10 (6-8')
Prism Sample ID: 168067
COC Group: G1206140
Time Collected: 12/05/06 9:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	BRL	µg/kg	440	84	1	8270C	12/12/06 4:12	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	440	31	1	8270C	12/12/06 4:12	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	440	61	1	8270C	12/12/06 4:12	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	440	48	1	8270C	12/12/06 4:12	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	440	45	1	8270C	12/12/06 4:12	kelliot	Q19784
Chrysene	BRL	µg/kg	440	83	1	8270C	12/12/06 4:12	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	440	60	1	8270C	12/12/06 4:12	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	440	76	1	8270C	12/12/06 4:12	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	440	100	1	8270C	12/12/06 4:12	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	440	81	1	8270C	12/12/06 4:12	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	440	44	1	8270C	12/12/06 4:12	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	440	60	1	8270C	12/12/06 4:12	kelliot	Q19784
Fluoranthene	BRL	µg/kg	440	53	1	8270C	12/12/06 4:12	kelliot	Q19784
Fluorene	BRL	µg/kg	440	83	1	8270C	12/12/06 4:12	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	440	64	1	8270C	12/12/06 4:12	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	440	57	1	8270C	12/12/06 4:12	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	440	100	1	8270C	12/12/06 4:12	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	440	59	1	8270C	12/12/06 4:12	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	440	110	1	8270C	12/12/06 4:12	kelliot	Q19784
Isophorone	BRL	µg/kg	440	81	1	8270C	12/12/06 4:12	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	440	80	1	8270C	12/12/06 4:12	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	440	64	1	8270C	12/12/06 4:12	kelliot	Q19784
Naphthalene	BRL	µg/kg	440	61	1	8270C	12/12/06 4:12	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	440	80	1	8270C	12/12/06 4:12	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	440	57	1	8270C	12/12/06 4:12	kelliot	Q19784
Phenanthrene	BRL	µg/kg	440	49	1	8270C	12/12/06 4:12	kelliot	Q19784
Phenol	BRL	µg/kg	440	53	1	8270C	12/12/06 4:12	kelliot	Q19784
Pyrene	BRL	µg/kg	440	35	1	8270C	12/12/06 4:12	kelliot	Q19784

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-10 (6-8')
Prism Sample ID: 168067
COC Group: G1206140
Time Collected: 12/05/06 9:20
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			29.65 g /		1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	100	25 - 123
2-Fluorobiphenyl	78	21 - 108
2-Fluorophenol	73	14 - 89
Nitrobenzene-d5	74	14 - 103
Phenol-d5	82	13 - 95
Terphenyl-d14	103	41 - 136

Metals by ICP

Chromium	**72**	mg/kg	0.96	0.058	3	6010B	12/08/06 15:04	mcampbell	Q19756
Lead	**21**	mg/kg	0.96	0.081	3	6010B	12/08/06 15:04	mcampbell	Q19756
Sample Preparation:			2.05 g /		50 mL	3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-1 (7-8')
Prism Sample ID: 168068
COC Group: G1206140
Time Collected: 12/05/06 9:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	83.7	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.4	0.53	1	8260B	12/10/06 8:56	erussell	Q19772
1,1,1-Trichloroethane	BRL	µg/kg	5.4	0.30	1	8260B	12/10/06 8:56	erussell	Q19772
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.4	0.55	1	8260B	12/10/06 8:56	erussell	Q19772
1,1,2-Trichloroethane	BRL	µg/kg	5.4	0.33	1	8260B	12/10/06 8:56	erussell	Q19772
1,1-Dichloroethane	BRL	µg/kg	5.4	0.39	1	8260B	12/10/06 8:56	erussell	Q19772
1,1-Dichloroethene	BRL	µg/kg	5.4	0.41	1	8260B	12/10/06 8:56	erussell	Q19772
1,1-Dichloropropene	BRL	µg/kg	5.4	0.48	1	8260B	12/10/06 8:56	erussell	Q19772
1,2,3-Trichlorobenzene	BRL	µg/kg	11	0.59	1	8260B	12/10/06 8:56	erussell	Q19772
1,2,3-Trichloropropane	BRL	µg/kg	5.4	0.48	1	8260B	12/10/06 8:56	erussell	Q19772
1,2,4-Trichlorobenzene	BRL	µg/kg	11	0.52	1	8260B	12/10/06 8:56	erussell	Q19772
1,2,4-Trimethylbenzene	BRL	µg/kg	11	0.41	1	8260B	12/10/06 8:56	erussell	Q19772
1,2-Dibromo-3-chloropropane	BRL	µg/kg	11	0.94	1	8260B	12/10/06 8:56	erussell	Q19772
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.4	0.097	1	8260B	12/10/06 8:56	erussell	Q19772
1,2-Dichlorobenzene	BRL	µg/kg	11	0.29	1	8260B	12/10/06 8:56	erussell	Q19772
1,2-Dichloroethane	BRL	µg/kg	5.4	0.54	1	8260B	12/10/06 8:56	erussell	Q19772
1,2-Dichloropropane	BRL	µg/kg	5.4	0.40	1	8260B	12/10/06 8:56	erussell	Q19772
1,3,5-Trimethylbenzene	BRL	µg/kg	11	0.45	1	8260B	12/10/06 8:56	erussell	Q19772
1,3-Dichlorobenzene	BRL	µg/kg	11	0.46	1	8260B	12/10/06 8:56	erussell	Q19772
1,3-Dichloropropane	BRL	µg/kg	5.4	0.37	1	8260B	12/10/06 8:56	erussell	Q19772
1,4-Dichlorobenzene	BRL	µg/kg	11	0.42	1	8260B	12/10/06 8:56	erussell	Q19772
2,2-Dichloropropane	BRL	µg/kg	5.4	0.27	1	8260B	12/10/06 8:56	erussell	Q19772
2-Chloroethyl vinyl ether	BRL	µg/kg	11	0.40	1	8260B	12/10/06 8:56	erussell	Q19772
2-Chlorotoluene	BRL	µg/kg	11	0.40	1	8260B	12/10/06 8:56	erussell	Q19772
2-Hexanone	BRL	µg/kg	54	0.56	1	8260B	12/10/06 8:56	erussell	Q19772
4-Chlorotoluene	BRL	µg/kg	11	0.28	1	8260B	12/10/06 8:56	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-1 (7-8')
Prism Sample ID: 168068
COC Group: G1206140
Time Collected: 12/05/06 9:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	11	0.54	1	8260B	12/10/06 8:56	erussell	Q19772
Acetone	BRL	µg/kg	22	2.1	1	8260B	12/10/06 8:56	erussell	Q19772
Benzene	BRL	µg/kg	3.2	0.43	1	8260B	12/10/06 8:56	erussell	Q19772
Bromobenzene	BRL	µg/kg	5.4	0.38	1	8260B	12/10/06 8:56	erussell	Q19772
Bromochloromethane	BRL	µg/kg	5.4	0.32	1	8260B	12/10/06 8:56	erussell	Q19772
Bromodichloromethane	BRL	µg/kg	5.4	0.48	1	8260B	12/10/06 8:56	erussell	Q19772
Bromoform	BRL	µg/kg	5.4	0.40	1	8260B	12/10/06 8:56	erussell	Q19772
Bromomethane	BRL	µg/kg	11	0.63	1	8260B	12/10/06 8:56	erussell	Q19772
Carbon disulfide	BRL	µg/kg	11	0.35	1	8260B	12/10/06 8:56	erussell	Q19772
Carbon tetrachloride	BRL	µg/kg	5.4	0.31	1	8260B	12/10/06 8:56	erussell	Q19772
Chlorobenzene	BRL	µg/kg	5.4	0.41	1	8260B	12/10/06 8:56	erussell	Q19772
Chlorodibromomethane	BRL	µg/kg	5.4	0.37	1	8260B	12/10/06 8:56	erussell	Q19772
Chloroethane	BRL	µg/kg	11	0.44	1	8260B	12/10/06 8:56	erussell	Q19772
Chloroform	BRL	µg/kg	5.4	0.40	1	8260B	12/10/06 8:56	erussell	Q19772
Chloromethane	BRL	µg/kg	11	0.38	1	8260B	12/10/06 8:56	erussell	Q19772
cis-1,2-Dichloroethene	BRL	µg/kg	5.4	0.24	1	8260B	12/10/06 8:56	erussell	Q19772
cis-1,3-Dichloropropene	BRL	µg/kg	5.4	0.35	1	8260B	12/10/06 8:56	erussell	Q19772
Dibromomethane	BRL	µg/kg	5.4	0.40	1	8260B	12/10/06 8:56	erussell	Q19772
Dichlorodifluoromethane	BRL	µg/kg	11	1.2	1	8260B	12/10/06 8:56	erussell	Q19772
Ethylbenzene	BRL	µg/kg	5.4	0.38	1	8260B	12/10/06 8:56	erussell	Q19772
Hexachlorobutadiene	BRL	µg/kg	16	0.67	1	8260B	12/10/06 8:56	erussell	Q19772
Isopropyl ether (IPE)	BRL	µg/kg	5.4	0.18	1	8260B	12/10/06 8:56	erussell	Q19772
Isopropylbenzene	BRL	µg/kg	11	0.43	1	8260B	12/10/06 8:56	erussell	Q19772
m,p-Xylenes	BRL	µg/kg	11	0.76	1	8260B	12/10/06 8:56	erussell	Q19772
Methyl ethyl ketone (MEK)	BRL	µg/kg	22	1.5	1	8260B	12/10/06 8:56	erussell	Q19772
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.4	0.31	1	8260B	12/10/06 8:56	erussell	Q19772
Methylene chloride	BRL	µg/kg	11	0.44	1	8260B	12/10/06 8:56	erussell	Q19772
n-Butylbenzene	BRL	µg/kg	16	0.43	1	8260B	12/10/06 8:56	erussell	Q19772

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-1 (7-8')
Prism Sample ID: 168068
COC Group: G1206140
Time Collected: 12/05/06 9:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	BRL	µg/kg	11	0.32	1	8260B	12/10/06 8:56	erussell	Q19772
Naphthalene	BRL	µg/kg	5.4	0.63	1	8260B	12/10/06 8:56	erussell	Q19772
o-Xylene	BRL	µg/kg	5.4	0.32	1	8260B	12/10/06 8:56	erussell	Q19772
p-Isopropyltoluene	BRL	µg/kg	16	0.44	1	8260B	12/10/06 8:56	erussell	Q19772
sec-Butylbenzene	BRL	µg/kg	16	0.36	1	8260B	12/10/06 8:56	erussell	Q19772
Styrene	BRL	µg/kg	5.4	0.54	1	8260B	12/10/06 8:56	erussell	Q19772
tert-Butylbenzene	BRL	µg/kg	22	0.33	1	8260B	12/10/06 8:56	erussell	Q19772
Tetrachloroethene	BRL	µg/kg	11	0.93	1	8260B	12/10/06 8:56	erussell	Q19772
Toluene	BRL	µg/kg	5.4	0.37	1	8260B	12/10/06 8:56	erussell	Q19772
trans-1,2-Dichloroethene	BRL	µg/kg	5.4	0.41	1	8260B	12/10/06 8:56	erussell	Q19772
trans-1,3-Dichloropropene	BRL	µg/kg	5.4	0.38	1	8260B	12/10/06 8:56	erussell	Q19772
Trichloroethene	BRL	µg/kg	5.4	0.32	1	8260B	12/10/06 8:56	erussell	Q19772
Trichlorofluoromethane	BRL	µg/kg	5.4	0.44	1	8260B	12/10/06 8:56	erussell	Q19772
Vinyl chloride	BRL	µg/kg	11	0.69	1	8260B	12/10/06 8:56	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	106	77 - 128
Dibromofluoromethane	102	67 - 143
Toluene-d8	100	81 - 128

Sample Weight Determination

Weight Bisulfate 1	5.53	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	5.77	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	5.83	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	390	65	1	8270C	12/12/06 5:02	kelliot	Q19784
1,2-Dichlorobenzene	BRL	µg/kg	390	53	1	8270C	12/12/06 5:02	kelliot	Q19784
1,3-Dichlorobenzene	BRL	µg/kg	390	40	1	8270C	12/12/06 5:02	kelliot	Q19784

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-1 (7-8')
Prism Sample ID: 168068
COC Group: G1206140
Time Collected: 12/05/06 9:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	390	32	1	8270C	12/12/06 5:02	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	390	88	1	8270C	12/12/06 5:02	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	390	83	1	8270C	12/12/06 5:02	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	390	81	1	8270C	12/12/06 5:02	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	390	76	1	8270C	12/12/06 5:02	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	390	97	1	8270C	12/12/06 5:02	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	390	61	1	8270C	12/12/06 5:02	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	390	46	1	8270C	12/12/06 5:02	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	390	64	1	8270C	12/12/06 5:02	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	390	39	1	8270C	12/12/06 5:02	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	390	66	1	8270C	12/12/06 5:02	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	390	63	1	8270C	12/12/06 5:02	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	390	50	1	8270C	12/12/06 5:02	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	390	62	1	8270C	12/12/06 5:02	kelliot	Q19784
3,3´-Dichlorobenzidine	BRL	µg/kg	390	130	1	8270C	12/12/06 5:02	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	390	88	1	8270C	12/12/06 5:02	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	390	65	1	8270C	12/12/06 5:02	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	390	74	1	8270C	12/12/06 5:02	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	390	59	1	8270C	12/12/06 5:02	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	390	97	1	8270C	12/12/06 5:02	kelliot	Q19784
Acenaphthene	BRL	µg/kg	390	75	1	8270C	12/12/06 5:02	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	390	74	1	8270C	12/12/06 5:02	kelliot	Q19784
Anthracene	BRL	µg/kg	390	47	1	8270C	12/12/06 5:02	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	390	77	1	8270C	12/12/06 5:02	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	390	39	1	8270C	12/12/06 5:02	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	390	52	1	8270C	12/12/06 5:02	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	390	90	1	8270C	12/12/06 5:02	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	390	46	1	8270C	12/12/06 5:02	kelliot	Q19784

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
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Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-1 (7-8')
Prism Sample ID: 168068
COC Group: G1206140
Time Collected: 12/05/06 9:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	BRL	µg/kg	390	75	1	8270C	12/12/06 5:02	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	390	27	1	8270C	12/12/06 5:02	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	390	55	1	8270C	12/12/06 5:02	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	390	43	1	8270C	12/12/06 5:02	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	390	40	1	8270C	12/12/06 5:02	kelliot	Q19784
Chrysene	BRL	µg/kg	390	74	1	8270C	12/12/06 5:02	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	390	53	1	8270C	12/12/06 5:02	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	390	68	1	8270C	12/12/06 5:02	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	390	93	1	8270C	12/12/06 5:02	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	390	72	1	8270C	12/12/06 5:02	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	390	39	1	8270C	12/12/06 5:02	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	390	53	1	8270C	12/12/06 5:02	kelliot	Q19784
Fluoranthene	BRL	µg/kg	390	47	1	8270C	12/12/06 5:02	kelliot	Q19784
Fluorene	BRL	µg/kg	390	74	1	8270C	12/12/06 5:02	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	390	57	1	8270C	12/12/06 5:02	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	390	51	1	8270C	12/12/06 5:02	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	390	90	1	8270C	12/12/06 5:02	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	390	52	1	8270C	12/12/06 5:02	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	390	100	1	8270C	12/12/06 5:02	kelliot	Q19784
Isophorone	BRL	µg/kg	390	72	1	8270C	12/12/06 5:02	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	390	71	1	8270C	12/12/06 5:02	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	390	57	1	8270C	12/12/06 5:02	kelliot	Q19784
Naphthalene	BRL	µg/kg	390	55	1	8270C	12/12/06 5:02	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	390	71	1	8270C	12/12/06 5:02	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	390	51	1	8270C	12/12/06 5:02	kelliot	Q19784
Phenanthrene	BRL	µg/kg	390	44	1	8270C	12/12/06 5:02	kelliot	Q19784
Phenol	BRL	µg/kg	390	47	1	8270C	12/12/06 5:02	kelliot	Q19784
Pyrene	BRL	µg/kg	390	31	1	8270C	12/12/06 5:02	kelliot	Q19784

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-1 (7-8')
Prism Sample ID: 168068
COC Group: G1206140
Time Collected: 12/05/06 9:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			30.2 g /		1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	100	25 - 123
2-Fluorobiphenyl	90	21 - 108
2-Fluorophenol	80	14 - 89
Nitrobenzene-d5	84	14 - 103
Phenol-d5	91	13 - 95
Terphenyl-d14	98	41 - 136

Metals by ICP

Chromium	**8.7**	mg/kg	0.89	0.053	3	6010B	12/08/06 15:11	mcampbell	Q19756
Lead	**19**	mg/kg	0.89	0.075	3	6010B	12/08/06 15:11	mcampbell	Q19756
Sample Preparation:			2.01 g /		50 mL	3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-2 (9-10')
Prism Sample ID: 168069
COC Group: G1206140
Time Collected: 12/05/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	84.5	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.3	0.52	1	8260B	12/10/06 9:27	erussell	Q19772
1,1,1-Trichloroethane	BRL	µg/kg	5.3	0.30	1	8260B	12/10/06 9:27	erussell	Q19772
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.3	0.54	1	8260B	12/10/06 9:27	erussell	Q19772
1,1,2-Trichloroethane	BRL	µg/kg	5.3	0.33	1	8260B	12/10/06 9:27	erussell	Q19772
1,1-Dichloroethane	BRL	µg/kg	5.3	0.38	1	8260B	12/10/06 9:27	erussell	Q19772
1,1-Dichloroethene	BRL	µg/kg	5.3	0.40	1	8260B	12/10/06 9:27	erussell	Q19772
1,1-Dichloropropene	BRL	µg/kg	5.3	0.47	1	8260B	12/10/06 9:27	erussell	Q19772
1,2,3-Trichlorobenzene	BRL	µg/kg	11	0.58	1	8260B	12/10/06 9:27	erussell	Q19772
1,2,3-Trichloropropane	BRL	µg/kg	5.3	0.47	1	8260B	12/10/06 9:27	erussell	Q19772
1,2,4-Trichlorobenzene	BRL	µg/kg	11	0.51	1	8260B	12/10/06 9:27	erussell	Q19772
1,2,4-Trimethylbenzene	BRL	µg/kg	11	0.40	1	8260B	12/10/06 9:27	erussell	Q19772
1,2-Dibromo-3-chloropropane	BRL	µg/kg	11	0.93	1	8260B	12/10/06 9:27	erussell	Q19772
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.3	0.095	1	8260B	12/10/06 9:27	erussell	Q19772
1,2-Dichlorobenzene	BRL	µg/kg	11	0.29	1	8260B	12/10/06 9:27	erussell	Q19772
1,2-Dichloroethane	BRL	µg/kg	5.3	0.53	1	8260B	12/10/06 9:27	erussell	Q19772
1,2-Dichloropropane	BRL	µg/kg	5.3	0.39	1	8260B	12/10/06 9:27	erussell	Q19772
1,3,5-Trimethylbenzene	BRL	µg/kg	11	0.45	1	8260B	12/10/06 9:27	erussell	Q19772
1,3-Dichlorobenzene	BRL	µg/kg	11	0.46	1	8260B	12/10/06 9:27	erussell	Q19772
1,3-Dichloropropane	BRL	µg/kg	5.3	0.36	1	8260B	12/10/06 9:27	erussell	Q19772
1,4-Dichlorobenzene	BRL	µg/kg	11	0.41	1	8260B	12/10/06 9:27	erussell	Q19772
2,2-Dichloropropane	BRL	µg/kg	5.3	0.27	1	8260B	12/10/06 9:27	erussell	Q19772
2-Chloroethyl vinyl ether	BRL	µg/kg	11	0.39	1	8260B	12/10/06 9:27	erussell	Q19772
2-Chlorotoluene	BRL	µg/kg	11	0.39	1	8260B	12/10/06 9:27	erussell	Q19772
2-Hexanone	BRL	µg/kg	53	0.55	1	8260B	12/10/06 9:27	erussell	Q19772
4-Chlorotoluene	BRL	µg/kg	11	0.28	1	8260B	12/10/06 9:27	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-2 (9-10')
Prism Sample ID: 168069
COC Group: G1206140
Time Collected: 12/05/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	11	0.53	1	8260B	12/10/06 9:27	erussell	Q19772
Acetone	BRL	µg/kg	21	2.1	1	8260B	12/10/06 9:27	erussell	Q19772
Benzene	BRL	µg/kg	3.2	0.42	1	8260B	12/10/06 9:27	erussell	Q19772
Bromobenzene	BRL	µg/kg	5.3	0.37	1	8260B	12/10/06 9:27	erussell	Q19772
Bromochloromethane	BRL	µg/kg	5.3	0.32	1	8260B	12/10/06 9:27	erussell	Q19772
Bromodichloromethane	BRL	µg/kg	5.3	0.47	1	8260B	12/10/06 9:27	erussell	Q19772
Bromoform	BRL	µg/kg	5.3	0.39	1	8260B	12/10/06 9:27	erussell	Q19772
Bromomethane	BRL	µg/kg	11	0.62	1	8260B	12/10/06 9:27	erussell	Q19772
Carbon disulfide	BRL	µg/kg	11	0.34	1	8260B	12/10/06 9:27	erussell	Q19772
Carbon tetrachloride	BRL	µg/kg	5.3	0.31	1	8260B	12/10/06 9:27	erussell	Q19772
Chlorobenzene	BRL	µg/kg	5.3	0.40	1	8260B	12/10/06 9:27	erussell	Q19772
Chlorodibromomethane	BRL	µg/kg	5.3	0.36	1	8260B	12/10/06 9:27	erussell	Q19772
Chloroethane	BRL	µg/kg	11	0.43	1	8260B	12/10/06 9:27	erussell	Q19772
Chloroform	BRL	µg/kg	5.3	0.39	1	8260B	12/10/06 9:27	erussell	Q19772
Chloromethane	BRL	µg/kg	11	0.37	1	8260B	12/10/06 9:27	erussell	Q19772
cis-1,2-Dichloroethene	BRL	µg/kg	5.3	0.23	1	8260B	12/10/06 9:27	erussell	Q19772
cis-1,3-Dichloropropene	BRL	µg/kg	5.3	0.34	1	8260B	12/10/06 9:27	erussell	Q19772
Dibromomethane	BRL	µg/kg	5.3	0.39	1	8260B	12/10/06 9:27	erussell	Q19772
Dichlorodifluoromethane	BRL	µg/kg	11	1.2	1	8260B	12/10/06 9:27	erussell	Q19772
Ethylbenzene	BRL	µg/kg	5.3	0.37	1	8260B	12/10/06 9:27	erussell	Q19772
Hexachlorobutadiene	BRL	µg/kg	16	0.66	1	8260B	12/10/06 9:27	erussell	Q19772
Isopropyl ether (IPE)	BRL	µg/kg	5.3	0.18	1	8260B	12/10/06 9:27	erussell	Q19772
Isopropylbenzene	BRL	µg/kg	11	0.42	1	8260B	12/10/06 9:27	erussell	Q19772
m,p-Xylenes	BRL	µg/kg	11	0.74	1	8260B	12/10/06 9:27	erussell	Q19772
Methyl ethyl ketone (MEK)	BRL	µg/kg	21	1.5	1	8260B	12/10/06 9:27	erussell	Q19772
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.3	0.31	1	8260B	12/10/06 9:27	erussell	Q19772
Methylene chloride	BRL	µg/kg	11	0.43	1	8260B	12/10/06 9:27	erussell	Q19772
n-Butylbenzene	BRL	µg/kg	16	0.42	1	8260B	12/10/06 9:27	erussell	Q19772

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-2 (9-10')
Prism Sample ID: 168069
COC Group: G1206140
Time Collected: 12/05/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	BRL	µg/kg	11	0.32	1	8260B	12/10/06 9:27	erussell	Q19772
Naphthalene	BRL	µg/kg	5.3	0.62	1	8260B	12/10/06 9:27	erussell	Q19772
o-Xylene	BRL	µg/kg	5.3	0.32	1	8260B	12/10/06 9:27	erussell	Q19772
p-Isopropyltoluene	BRL	µg/kg	16	0.43	1	8260B	12/10/06 9:27	erussell	Q19772
sec-Butylbenzene	BRL	µg/kg	16	0.35	1	8260B	12/10/06 9:27	erussell	Q19772
Styrene	BRL	µg/kg	5.3	0.53	1	8260B	12/10/06 9:27	erussell	Q19772
tert-Butylbenzene	BRL	µg/kg	21	0.33	1	8260B	12/10/06 9:27	erussell	Q19772
Tetrachloroethene	BRL	µg/kg	11	0.91	1	8260B	12/10/06 9:27	erussell	Q19772
Toluene	BRL	µg/kg	5.3	0.36	1	8260B	12/10/06 9:27	erussell	Q19772
trans-1,2-Dichloroethene	BRL	µg/kg	5.3	0.40	1	8260B	12/10/06 9:27	erussell	Q19772
trans-1,3-Dichloropropene	BRL	µg/kg	5.3	0.37	1	8260B	12/10/06 9:27	erussell	Q19772
Trichloroethene	BRL	µg/kg	5.3	0.32	1	8260B	12/10/06 9:27	erussell	Q19772
Trichlorofluoromethane	BRL	µg/kg	5.3	0.43	1	8260B	12/10/06 9:27	erussell	Q19772
Vinyl chloride	BRL	µg/kg	11	0.68	1	8260B	12/10/06 9:27	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	105	77 - 128
Dibromofluoromethane	102	67 - 143
Toluene-d8	100	81 - 128

Sample Weight Determination

Weight Bisulfate 1	5.58	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	5.11	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	5.14	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	390	65	1	8270C	12/12/06 5:52	kelliot	Q19784
1,2-Dichlorobenzene	BRL	µg/kg	390	53	1	8270C	12/12/06 5:52	kelliot	Q19784
1,3-Dichlorobenzene	BRL	µg/kg	390	40	1	8270C	12/12/06 5:52	kelliot	Q19784

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Client Sample ID: MW-2 (9-10')
Prism Sample ID: 168069
COC Group: G1206140
Time Collected: 12/05/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	390	32	1	8270C	12/12/06 5:52	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	390	88	1	8270C	12/12/06 5:52	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	390	83	1	8270C	12/12/06 5:52	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	390	81	1	8270C	12/12/06 5:52	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	390	76	1	8270C	12/12/06 5:52	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	390	97	1	8270C	12/12/06 5:52	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	390	60	1	8270C	12/12/06 5:52	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	390	46	1	8270C	12/12/06 5:52	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	390	64	1	8270C	12/12/06 5:52	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	390	39	1	8270C	12/12/06 5:52	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	390	66	1	8270C	12/12/06 5:52	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	390	63	1	8270C	12/12/06 5:52	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	390	50	1	8270C	12/12/06 5:52	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	390	62	1	8270C	12/12/06 5:52	kelliot	Q19784
3,3´-Dichlorobenzidine	BRL	µg/kg	390	130	1	8270C	12/12/06 5:52	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	390	88	1	8270C	12/12/06 5:52	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	390	65	1	8270C	12/12/06 5:52	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	390	74	1	8270C	12/12/06 5:52	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	390	59	1	8270C	12/12/06 5:52	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	390	97	1	8270C	12/12/06 5:52	kelliot	Q19784
Acenaphthene	BRL	µg/kg	390	75	1	8270C	12/12/06 5:52	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	390	74	1	8270C	12/12/06 5:52	kelliot	Q19784
Anthracene	BRL	µg/kg	390	47	1	8270C	12/12/06 5:52	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	390	77	1	8270C	12/12/06 5:52	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	390	39	1	8270C	12/12/06 5:52	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	390	52	1	8270C	12/12/06 5:52	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	390	90	1	8270C	12/12/06 5:52	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	390	46	1	8270C	12/12/06 5:52	kelliot	Q19784

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Hart & Hickman
Attn: Kevin Buchanan
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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-2 (9-10')
Prism Sample ID: 168069
COC Group: G1206140
Time Collected: 12/05/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	BRL	µg/kg	390	75	1	8270C	12/12/06 5:52	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	390	27	1	8270C	12/12/06 5:52	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	390	55	1	8270C	12/12/06 5:52	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	390	43	1	8270C	12/12/06 5:52	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	390	40	1	8270C	12/12/06 5:52	kelliot	Q19784
Chrysene	BRL	µg/kg	390	74	1	8270C	12/12/06 5:52	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	390	53	1	8270C	12/12/06 5:52	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	390	68	1	8270C	12/12/06 5:52	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	390	93	1	8270C	12/12/06 5:52	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	390	72	1	8270C	12/12/06 5:52	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	390	39	1	8270C	12/12/06 5:52	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	390	53	1	8270C	12/12/06 5:52	kelliot	Q19784
Fluoranthene	BRL	µg/kg	390	47	1	8270C	12/12/06 5:52	kelliot	Q19784
Fluorene	BRL	µg/kg	390	74	1	8270C	12/12/06 5:52	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	390	57	1	8270C	12/12/06 5:52	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	390	51	1	8270C	12/12/06 5:52	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	390	90	1	8270C	12/12/06 5:52	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	390	52	1	8270C	12/12/06 5:52	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	390	100	1	8270C	12/12/06 5:52	kelliot	Q19784
Isophorone	BRL	µg/kg	390	72	1	8270C	12/12/06 5:52	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	390	71	1	8270C	12/12/06 5:52	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	390	57	1	8270C	12/12/06 5:52	kelliot	Q19784
Naphthalene	BRL	µg/kg	390	55	1	8270C	12/12/06 5:52	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	390	71	1	8270C	12/12/06 5:52	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	390	51	1	8270C	12/12/06 5:52	kelliot	Q19784
Phenanthrene	BRL	µg/kg	390	44	1	8270C	12/12/06 5:52	kelliot	Q19784
Phenol	BRL	µg/kg	390	47	1	8270C	12/12/06 5:52	kelliot	Q19784
Pyrene	BRL	µg/kg	390	31	1	8270C	12/12/06 5:52	kelliot	Q19784

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-2 (9-10')
Prism Sample ID: 168069
COC Group: G1206140
Time Collected: 12/05/06 11:25
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			29.93 g /		1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2,4,6-Tribromophenol	104	25 - 123
2-Fluorobiphenyl	82	21 - 108
2-Fluorophenol	76	14 - 89
Phenol-d5	83	13 - 95
Nitrobenzene-d5	75	14 - 103
Terphenyl-d14	100	41 - 136

Metals by ICP									
Chromium	**0.90**	mg/kg	0.90	0.054	3	6010B	12/08/06 15:29	mcampbell	Q19756
Lead	**5.6**	mg/kg	0.90	0.076	3	6010B	12/08/06 15:29	mcampbell	Q19756
Sample Preparation:			1.97 g /		50 mL	3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: DUPLICATE
Prism Sample ID: 168070
COC Group: G1206140
Time Collected: 12/05/06 11:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	81.8	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.7	0.56	1	8260B	12/10/06 9:59	erussell	Q19772
1,1,1-Trichloroethane	BRL	µg/kg	5.7	0.32	1	8260B	12/10/06 9:59	erussell	Q19772
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.7	0.58	1	8260B	12/10/06 9:59	erussell	Q19772
1,1,2-Trichloroethane	BRL	µg/kg	5.7	0.35	1	8260B	12/10/06 9:59	erussell	Q19772
1,1-Dichloroethane	BRL	µg/kg	5.7	0.41	1	8260B	12/10/06 9:59	erussell	Q19772
1,1-Dichloroethene	BRL	µg/kg	5.7	0.43	1	8260B	12/10/06 9:59	erussell	Q19772
1,1-Dichloropropene	BRL	µg/kg	5.7	0.50	1	8260B	12/10/06 9:59	erussell	Q19772
1,2,3-Trichlorobenzene	BRL	µg/kg	11	0.63	1	8260B	12/10/06 9:59	erussell	Q19772
1,2,3-Trichloropropane	BRL	µg/kg	5.7	0.50	1	8260B	12/10/06 9:59	erussell	Q19772
1,2,4-Trichlorobenzene	BRL	µg/kg	11	0.55	1	8260B	12/10/06 9:59	erussell	Q19772
1,2,4-Trimethylbenzene	BRL	µg/kg	11	0.43	1	8260B	12/10/06 9:59	erussell	Q19772
1,2-Dibromo-3-chloropropane	BRL	µg/kg	11	0.97	1	8260B	12/10/06 9:59	erussell	Q19772
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.7	0.10	1	8260B	12/10/06 9:59	erussell	Q19772
1,2-Dichlorobenzene	BRL	µg/kg	11	0.31	1	8260B	12/10/06 9:59	erussell	Q19772
1,2-Dichloroethane	BRL	µg/kg	5.7	0.57	1	8260B	12/10/06 9:59	erussell	Q19772
1,2-Dichloropropane	BRL	µg/kg	5.7	0.42	1	8260B	12/10/06 9:59	erussell	Q19772
1,3,5-Trimethylbenzene	BRL	µg/kg	11	0.48	1	8260B	12/10/06 9:59	erussell	Q19772
1,3-Dichlorobenzene	BRL	µg/kg	11	0.49	1	8260B	12/10/06 9:59	erussell	Q19772
1,3-Dichloropropane	BRL	µg/kg	5.7	0.39	1	8260B	12/10/06 9:59	erussell	Q19772
1,4-Dichlorobenzene	BRL	µg/kg	11	0.45	1	8260B	12/10/06 9:59	erussell	Q19772
2,2-Dichloropropane	BRL	µg/kg	5.7	0.29	1	8260B	12/10/06 9:59	erussell	Q19772
2-Chloroethyl vinyl ether	BRL	µg/kg	11	0.42	1	8260B	12/10/06 9:59	erussell	Q19772
2-Chlorotoluene	BRL	µg/kg	11	0.42	1	8260B	12/10/06 9:59	erussell	Q19772
2-Hexanone	BRL	µg/kg	57	0.59	1	8260B	12/10/06 9:59	erussell	Q19772
4-Chlorotoluene	BRL	µg/kg	11	0.30	1	8260B	12/10/06 9:59	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: DUPLICATE
Prism Sample ID: 168070
COC Group: G1206140
Time Collected: 12/05/06 11:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	11	0.57	1	8260B	12/10/06 9:59	erussell	Q19772
Acetone	BRL	µg/kg	23	2.2	1	8260B	12/10/06 9:59	erussell	Q19772
Benzene	BRL	µg/kg	3.4	0.46	1	8260B	12/10/06 9:59	erussell	Q19772
Bromobenzene	BRL	µg/kg	5.7	0.40	1	8260B	12/10/06 9:59	erussell	Q19772
Bromochloromethane	BRL	µg/kg	5.7	0.34	1	8260B	12/10/06 9:59	erussell	Q19772
Bromodichloromethane	BRL	µg/kg	5.7	0.50	1	8260B	12/10/06 9:59	erussell	Q19772
Bromoform	BRL	µg/kg	5.7	0.42	1	8260B	12/10/06 9:59	erussell	Q19772
Bromomethane	BRL	µg/kg	11	0.66	1	8260B	12/10/06 9:59	erussell	Q19772
Carbon disulfide	BRL	µg/kg	11	0.37	1	8260B	12/10/06 9:59	erussell	Q19772
Carbon tetrachloride	BRL	µg/kg	5.7	0.33	1	8260B	12/10/06 9:59	erussell	Q19772
Chlorobenzene	BRL	µg/kg	5.7	0.43	1	8260B	12/10/06 9:59	erussell	Q19772
Chlorodibromomethane	BRL	µg/kg	5.7	0.39	1	8260B	12/10/06 9:59	erussell	Q19772
Chloroethane	BRL	µg/kg	11	0.47	1	8260B	12/10/06 9:59	erussell	Q19772
Chloroform	BRL	µg/kg	5.7	0.42	1	8260B	12/10/06 9:59	erussell	Q19772
Chloromethane	BRL	µg/kg	11	0.40	1	8260B	12/10/06 9:59	erussell	Q19772
cis-1,2-Dichloroethene	BRL	µg/kg	5.7	0.25	1	8260B	12/10/06 9:59	erussell	Q19772
cis-1,3-Dichloropropene	BRL	µg/kg	5.7	0.37	1	8260B	12/10/06 9:59	erussell	Q19772
Dibromomethane	BRL	µg/kg	5.7	0.42	1	8260B	12/10/06 9:59	erussell	Q19772
Dichlorodifluoromethane	BRL	µg/kg	11	1.3	1	8260B	12/10/06 9:59	erussell	Q19772
Ethylbenzene	BRL	µg/kg	5.7	0.40	1	8260B	12/10/06 9:59	erussell	Q19772
Hexachlorobutadiene	BRL	µg/kg	17	0.71	1	8260B	12/10/06 9:59	erussell	Q19772
Isopropyl ether (IPE)	BRL	µg/kg	5.7	0.19	1	8260B	12/10/06 9:59	erussell	Q19772
Isopropylbenzene	BRL	µg/kg	11	0.46	1	8260B	12/10/06 9:59	erussell	Q19772
m,p-Xylenes	BRL	µg/kg	11	0.80	1	8260B	12/10/06 9:59	erussell	Q19772
Methyl ethyl ketone (MEK)	BRL	µg/kg	23	1.6	1	8260B	12/10/06 9:59	erussell	Q19772
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.7	0.33	1	8260B	12/10/06 9:59	erussell	Q19772
Methylene chloride	BRL	µg/kg	11	0.47	1	8260B	12/10/06 9:59	erussell	Q19772
n-Butylbenzene	BRL	µg/kg	17	0.46	1	8260B	12/10/06 9:59	erussell	Q19772

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SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: DUPLICATE
Prism Sample ID: 168070
COC Group: G1206140
Time Collected: 12/05/06 11:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	11	0.34	1	8260B	12/10/06 9:59	erussell	Q19772
Naphthalene	**BRL**	µg/kg	5.7	0.66	1	8260B	12/10/06 9:59	erussell	Q19772
o-Xylene	**BRL**	µg/kg	5.7	0.34	1	8260B	12/10/06 9:59	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	17	0.47	1	8260B	12/10/06 9:59	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	17	0.38	1	8260B	12/10/06 9:59	erussell	Q19772
Styrene	**BRL**	µg/kg	5.7	0.57	1	8260B	12/10/06 9:59	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	23	0.35	1	8260B	12/10/06 9:59	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	11	0.98	1	8260B	12/10/06 9:59	erussell	Q19772
Toluene	**BRL**	µg/kg	5.7	0.39	1	8260B	12/10/06 9:59	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	5.7	0.43	1	8260B	12/10/06 9:59	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	5.7	0.40	1	8260B	12/10/06 9:59	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	5.7	0.34	1	8260B	12/10/06 9:59	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	5.7	0.47	1	8260B	12/10/06 9:59	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	11	0.73	1	8260B	12/10/06 9:59	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	107	77 - 128
Toluene-d8	101	81 - 128
Dibromofluoromethane	102	67 - 143

Sample Weight Determination

Weight Bisulfate 1	**5.35**	g			1	5035	12/13/06 0:00	lbrown	
Weight Bisulfate 2	**5.58**	g			1	5035	12/13/06 0:00	lbrown	
Weight Methanol	**5.22**	g			1	5035	12/13/06 0:00	lbrown	

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	400	67	1	8270C	12/12/06 7:50	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	400	55	1	8270C	12/12/06 7:50	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	400	42	1	8270C	12/12/06 7:50	kelliot	Q19784

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Sample Matrix: Soil

Client Sample ID: DUPLICATE
Prism Sample ID: 168070
COC Group: G1206140
Time Collected: 12/05/06 11:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	400	33	1	8270C	12/12/06 7:50	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	400	90	1	8270C	12/12/06 7:50	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	400	85	1	8270C	12/12/06 7:50	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	400	83	1	8270C	12/12/06 7:50	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	400	78	1	8270C	12/12/06 7:50	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	400	100	1	8270C	12/12/06 7:50	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	400	62	1	8270C	12/12/06 7:50	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	400	48	1	8270C	12/12/06 7:50	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	400	66	1	8270C	12/12/06 7:50	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	400	40	1	8270C	12/12/06 7:50	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	400	68	1	8270C	12/12/06 7:50	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	400	65	1	8270C	12/12/06 7:50	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	400	51	1	8270C	12/12/06 7:50	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	400	63	1	8270C	12/12/06 7:50	kelliot	Q19784
3,3´-Dichlorobenzidine	BRL	µg/kg	400	140	1	8270C	12/12/06 7:50	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	400	90	1	8270C	12/12/06 7:50	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	400	67	1	8270C	12/12/06 7:50	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	400	76	1	8270C	12/12/06 7:50	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	400	61	1	8270C	12/12/06 7:50	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	400	100	1	8270C	12/12/06 7:50	kelliot	Q19784
Acenaphthene	BRL	µg/kg	400	77	1	8270C	12/12/06 7:50	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	400	76	1	8270C	12/12/06 7:50	kelliot	Q19784
Anthracene	BRL	µg/kg	400	49	1	8270C	12/12/06 7:50	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	400	79	1	8270C	12/12/06 7:50	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	400	40	1	8270C	12/12/06 7:50	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	400	54	1	8270C	12/12/06 7:50	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	400	93	1	8270C	12/12/06 7:50	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	400	48	1	8270C	12/12/06 7:50	kelliot	Q19784

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Sample Matrix: Soil

Client Sample ID: DUPLICATE
Prism Sample ID: 168070
COC Group: G1206140
Time Collected: 12/05/06 11:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	BRL	µg/kg	400	77	1	8270C	12/12/06 7:50	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	400	28	1	8270C	12/12/06 7:50	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	400	56	1	8270C	12/12/06 7:50	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	400	44	1	8270C	12/12/06 7:50	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	400	42	1	8270C	12/12/06 7:50	kelliot	Q19784
Chrysene	BRL	µg/kg	400	76	1	8270C	12/12/06 7:50	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	400	55	1	8270C	12/12/06 7:50	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	400	70	1	8270C	12/12/06 7:50	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	400	95	1	8270C	12/12/06 7:50	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	400	74	1	8270C	12/12/06 7:50	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	400	40	1	8270C	12/12/06 7:50	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	400	55	1	8270C	12/12/06 7:50	kelliot	Q19784
Fluoranthene	BRL	µg/kg	400	49	1	8270C	12/12/06 7:50	kelliot	Q19784
Fluorene	BRL	µg/kg	400	76	1	8270C	12/12/06 7:50	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	400	59	1	8270C	12/12/06 7:50	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	400	52	1	8270C	12/12/06 7:50	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	400	93	1	8270C	12/12/06 7:50	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	400	54	1	8270C	12/12/06 7:50	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	400	100	1	8270C	12/12/06 7:50	kelliot	Q19784
Isophorone	BRL	µg/kg	400	74	1	8270C	12/12/06 7:50	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	400	73	1	8270C	12/12/06 7:50	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	400	59	1	8270C	12/12/06 7:50	kelliot	Q19784
Naphthalene	BRL	µg/kg	400	56	1	8270C	12/12/06 7:50	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	400	73	1	8270C	12/12/06 7:50	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	400	52	1	8270C	12/12/06 7:50	kelliot	Q19784
Phenanthrene	BRL	µg/kg	400	45	1	8270C	12/12/06 7:50	kelliot	Q19784
Phenol	BRL	µg/kg	400	49	1	8270C	12/12/06 7:50	kelliot	Q19784
Pyrene	BRL	µg/kg	400	32	1	8270C	12/12/06 7:50	kelliot	Q19784

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: DUPLICATE
Prism Sample ID: 168070
COC Group: G1206140
Time Collected: 12/05/06 11:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			30.04 g /		1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2-Fluorophenol	68	14 - 89
Phenol-d5	79	13 - 95
2-Fluorobiphenyl	77	21 - 108
Nitrobenzene-d5	71	14 - 103
Terphenyl-d14	106	41 - 136
2,4,6-Tribromophenol	97	25 - 123

Metals by ICP									
Chromium	**1.0**	mg/kg	0.93	0.056	3	6010B	12/08/06 15:36	mcampbell	Q19756
Lead	**4.4**	mg/kg	0.93	0.078	3	6010B	12/08/06 15:36	mcampbell	Q19756
Sample Preparation:			1.98 g /		50 mL	3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-3 (8-10')
Prism Sample ID: 168071
COC Group: G1206140
Time Collected: 12/05/06 13:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**74.1**	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	**BRL**	µg/kg	6.7	0.65	1	8260B	12/10/06 10:30	erussell	Q19772
1,1,1-Trichloroethane	**BRL**	µg/kg	6.7	0.37	1	8260B	12/10/06 10:30	erussell	Q19772
1,1,2,2-Tetrachloroethane	**BRL**	µg/kg	6.7	0.68	1	8260B	12/10/06 10:30	erussell	Q19772
1,1,2-Trichloroethane	**BRL**	µg/kg	6.7	0.41	1	8260B	12/10/06 10:30	erussell	Q19772
1,1-Dichloroethane	**BRL**	µg/kg	6.7	0.48	1	8260B	12/10/06 10:30	erussell	Q19772
1,1-Dichloroethene	**BRL**	µg/kg	6.7	0.51	1	8260B	12/10/06 10:30	erussell	Q19772
1,1-Dichloropropene	**BRL**	µg/kg	6.7	0.59	1	8260B	12/10/06 10:30	erussell	Q19772
1,2,3-Trichlorobenzene	**BRL**	µg/kg	13	0.73	1	8260B	12/10/06 10:30	erussell	Q19772
1,2,3-Trichloropropane	**BRL**	µg/kg	6.7	0.59	1	8260B	12/10/06 10:30	erussell	Q19772
1,2,4-Trichlorobenzene	**BRL**	µg/kg	13	0.64	1	8260B	12/10/06 10:30	erussell	Q19772
1,2,4-Trimethylbenzene	**BRL**	µg/kg	13	0.51	1	8260B	12/10/06 10:30	erussell	Q19772
1,2-Dibromo-3-chloropropane	**BRL**	µg/kg	13	1.1	1	8260B	12/10/06 10:30	erussell	Q19772
1,2-Dibromoethane (EDB)	**BRL**	µg/kg	6.7	0.12	1	8260B	12/10/06 10:30	erussell	Q19772
1,2-Dichlorobenzene	**BRL**	µg/kg	13	0.36	1	8260B	12/10/06 10:30	erussell	Q19772
1,2-Dichloroethane	**BRL**	µg/kg	6.7	0.67	1	8260B	12/10/06 10:30	erussell	Q19772
1,2-Dichloropropane	**BRL**	µg/kg	6.7	0.49	1	8260B	12/10/06 10:30	erussell	Q19772
1,3,5-Trimethylbenzene	**BRL**	µg/kg	13	0.56	1	8260B	12/10/06 10:30	erussell	Q19772
1,3-Dichlorobenzene	**BRL**	µg/kg	13	0.57	1	8260B	12/10/06 10:30	erussell	Q19772
1,3-Dichloropropane	**BRL**	µg/kg	6.7	0.45	1	8260B	12/10/06 10:30	erussell	Q19772
1,4-Dichlorobenzene	**BRL**	µg/kg	13	0.52	1	8260B	12/10/06 10:30	erussell	Q19772
2,2-Dichloropropane	**BRL**	µg/kg	6.7	0.33	1	8260B	12/10/06 10:30	erussell	Q19772
2-Chloroethyl vinyl ether	**BRL**	µg/kg	13	0.49	1	8260B	12/10/06 10:30	erussell	Q19772
2-Chlorotoluene	**BRL**	µg/kg	13	0.49	1	8260B	12/10/06 10:30	erussell	Q19772
2-Hexanone	**BRL**	µg/kg	67	0.69	1	8260B	12/10/06 10:30	erussell	Q19772
4-Chlorotoluene	**BRL**	µg/kg	13	0.35	1	8260B	12/10/06 10:30	erussell	Q19772

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-3 (8-10')
Prism Sample ID: 168071
COC Group: G1206140
Time Collected: 12/05/06 13:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	13	0.67	1	8260B	12/10/06 10:30	erussell	Q19772
Acetone	BRL	µg/kg	27	2.6	1	8260B	12/10/06 10:30	erussell	Q19772
Benzene	BRL	µg/kg	4.0	0.53	1	8260B	12/10/06 10:30	erussell	Q19772
Bromobenzene	BRL	µg/kg	6.7	0.47	1	8260B	12/10/06 10:30	erussell	Q19772
Bromochloromethane	BRL	µg/kg	6.7	0.40	1	8260B	12/10/06 10:30	erussell	Q19772
Bromodichloromethane	BRL	µg/kg	6.7	0.59	1	8260B	12/10/06 10:30	erussell	Q19772
Bromoform	BRL	µg/kg	6.7	0.49	1	8260B	12/10/06 10:30	erussell	Q19772
Bromomethane	BRL	µg/kg	13	0.77	1	8260B	12/10/06 10:30	erussell	Q19772
Carbon disulfide	BRL	µg/kg	13	0.43	1	8260B	12/10/06 10:30	erussell	Q19772
Carbon tetrachloride	BRL	µg/kg	6.7	0.39	1	8260B	12/10/06 10:30	erussell	Q19772
Chlorobenzene	BRL	µg/kg	6.7	0.51	1	8260B	12/10/06 10:30	erussell	Q19772
Chlorodibromomethane	BRL	µg/kg	6.7	0.45	1	8260B	12/10/06 10:30	erussell	Q19772
Chloroethane	BRL	µg/kg	13	0.55	1	8260B	12/10/06 10:30	erussell	Q19772
Chloroform	BRL	µg/kg	6.7	0.49	1	8260B	12/10/06 10:30	erussell	Q19772
Chloromethane	BRL	µg/kg	13	0.47	1	8260B	12/10/06 10:30	erussell	Q19772
cis-1,2-Dichloroethene	BRL	µg/kg	6.7	0.29	1	8260B	12/10/06 10:30	erussell	Q19772
cis-1,3-Dichloropropene	BRL	µg/kg	6.7	0.43	1	8260B	12/10/06 10:30	erussell	Q19772
Dibromomethane	BRL	µg/kg	6.7	0.49	1	8260B	12/10/06 10:30	erussell	Q19772
Dichlorodifluoromethane	BRL	µg/kg	13	1.5	1	8260B	12/10/06 10:30	erussell	Q19772
Ethylbenzene	BRL	µg/kg	6.7	0.47	1	8260B	12/10/06 10:30	erussell	Q19772
Hexachlorobutadiene	BRL	µg/kg	20	0.83	1	8260B	12/10/06 10:30	erussell	Q19772
Isopropyl ether (IPE)	BRL	µg/kg	6.7	0.23	1	8260B	12/10/06 10:30	erussell	Q19772
Isopropylbenzene	BRL	µg/kg	13	0.53	1	8260B	12/10/06 10:30	erussell	Q19772
m,p-Xylenes	BRL	µg/kg	13	0.93	1	8260B	12/10/06 10:30	erussell	Q19772
Methyl ethyl ketone (MEK)	BRL	µg/kg	27	1.9	1	8260B	12/10/06 10:30	erussell	Q19772
Methyl t-butyl ether (MTBE)	BRL	µg/kg	6.7	0.39	1	8260B	12/10/06 10:30	erussell	Q19772
Methylene chloride	BRL	µg/kg	13	0.55	1	8260B	12/10/06 10:30	erussell	Q19772
n-Butylbenzene	BRL	µg/kg	20	0.53	1	8260B	12/10/06 10:30	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-3 (8-10')
Prism Sample ID: 168071
COC Group: G1206140
Time Collected: 12/05/06 13:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	13	0.40	1	8260B	12/10/06 10:30	erussell	Q19772
Naphthalene	**BRL**	µg/kg	6.7	0.77	1	8260B	12/10/06 10:30	erussell	Q19772
o-Xylene	**BRL**	µg/kg	6.7	0.40	1	8260B	12/10/06 10:30	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	20	0.55	1	8260B	12/10/06 10:30	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	20	0.44	1	8260B	12/10/06 10:30	erussell	Q19772
Styrene	**BRL**	µg/kg	6.7	0.67	1	8260B	12/10/06 10:30	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	27	0.41	1	8260B	12/10/06 10:30	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	13	1.1	1	8260B	12/10/06 10:30	erussell	Q19772
Toluene	**BRL**	µg/kg	6.7	0.45	1	8260B	12/10/06 10:30	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	6.7	0.51	1	8260B	12/10/06 10:30	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	6.7	0.47	1	8260B	12/10/06 10:30	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	6.7	0.40	1	8260B	12/10/06 10:30	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	6.7	0.55	1	8260B	12/10/06 10:30	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	13	0.85	1	8260B	12/10/06 10:30	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	106	77 - 128
Toluene-d8	101	81 - 128
Dibromofluoromethane	102	67 - 143

Sample Weight Determination

Weight Bisulfate 1	**5.07**	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**5.26**	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	**4.61**	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	450	75	1	8270C	12/12/06 8:39	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	450	62	1	8270C	12/12/06 8:39	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	450	46	1	8270C	12/12/06 8:39	kelliot	Q19784

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-3 (8-10')
Prism Sample ID: 168071
COC Group: G1206140
Time Collected: 12/05/06 13:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	450	37	1	8270C	12/12/06 8:39	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	450	100	1	8270C	12/12/06 8:39	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	450	96	1	8270C	12/12/06 8:39	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	450	93	1	8270C	12/12/06 8:39	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	450	87	1	8270C	12/12/06 8:39	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	450	110	1	8270C	12/12/06 8:39	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	450	70	1	8270C	12/12/06 8:39	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	450	53	1	8270C	12/12/06 8:39	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	450	74	1	8270C	12/12/06 8:39	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	450	45	1	8270C	12/12/06 8:39	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	450	77	1	8270C	12/12/06 8:39	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	450	72	1	8270C	12/12/06 8:39	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	450	57	1	8270C	12/12/06 8:39	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	450	71	1	8270C	12/12/06 8:39	kelliot	Q19784
3,3´-Dichlorobenzidine	BRL	µg/kg	450	150	1	8270C	12/12/06 8:39	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	450	100	1	8270C	12/12/06 8:39	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	450	75	1	8270C	12/12/06 8:39	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	450	85	1	8270C	12/12/06 8:39	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	450	68	1	8270C	12/12/06 8:39	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	450	110	1	8270C	12/12/06 8:39	kelliot	Q19784
Acenaphthene	BRL	µg/kg	450	86	1	8270C	12/12/06 8:39	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	450	85	1	8270C	12/12/06 8:39	kelliot	Q19784
Anthracene	BRL	µg/kg	450	55	1	8270C	12/12/06 8:39	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	450	89	1	8270C	12/12/06 8:39	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	450	45	1	8270C	12/12/06 8:39	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	450	60	1	8270C	12/12/06 8:39	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	450	100	1	8270C	12/12/06 8:39	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	450	53	1	8270C	12/12/06 8:39	kelliot	Q19784

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-3 (8-10')
Prism Sample ID: 168071
COC Group: G1206140
Time Collected: 12/05/06 13:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	**BRL**	µg/kg	450	86	1	8270C	12/12/06 8:39	kelliot	Q19784
Bis(2-chloroethyl)ether	**BRL**	µg/kg	450	31	1	8270C	12/12/06 8:39	kelliot	Q19784
Bis(2-chloroisopropyl)ether	**BRL**	µg/kg	450	63	1	8270C	12/12/06 8:39	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	**BRL**	µg/kg	450	49	1	8270C	12/12/06 8:39	kelliot	Q19784
Butylbenzylphthalate	**BRL**	µg/kg	450	46	1	8270C	12/12/06 8:39	kelliot	Q19784
Chrysene	**BRL**	µg/kg	450	85	1	8270C	12/12/06 8:39	kelliot	Q19784
Di-n-butylphthalate	**BRL**	µg/kg	450	62	1	8270C	12/12/06 8:39	kelliot	Q19784
Di-n-octylphthalate	**BRL**	µg/kg	450	78	1	8270C	12/12/06 8:39	kelliot	Q19784
Dibenzo(a,h)anthracene	**BRL**	µg/kg	450	110	1	8270C	12/12/06 8:39	kelliot	Q19784
Dibenzofuran	**BRL**	µg/kg	450	83	1	8270C	12/12/06 8:39	kelliot	Q19784
Diethylphthalate	**BRL**	µg/kg	450	45	1	8270C	12/12/06 8:39	kelliot	Q19784
Dimethylphthalate	**BRL**	µg/kg	450	62	1	8270C	12/12/06 8:39	kelliot	Q19784
Fluoranthene	**BRL**	µg/kg	450	55	1	8270C	12/12/06 8:39	kelliot	Q19784
Fluorene	**BRL**	µg/kg	450	85	1	8270C	12/12/06 8:39	kelliot	Q19784
Hexachlorobenzene	**BRL**	µg/kg	450	66	1	8270C	12/12/06 8:39	kelliot	Q19784
Hexachlorobutadiene	**BRL**	µg/kg	450	59	1	8270C	12/12/06 8:39	kelliot	Q19784
Hexachlorocyclopentadiene	**BRL**	µg/kg	450	100	1	8270C	12/12/06 8:39	kelliot	Q19784
Hexachloroethane	**BRL**	µg/kg	450	60	1	8270C	12/12/06 8:39	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	**BRL**	µg/kg	450	110	1	8270C	12/12/06 8:39	kelliot	Q19784
Isophorone	**BRL**	µg/kg	450	83	1	8270C	12/12/06 8:39	kelliot	Q19784
N-Nitrosodi-n-propylamine	**BRL**	µg/kg	450	82	1	8270C	12/12/06 8:39	kelliot	Q19784
N-Nitrosodiphenylamine	**BRL**	µg/kg	450	66	1	8270C	12/12/06 8:39	kelliot	Q19784
Naphthalene	**BRL**	µg/kg	450	63	1	8270C	12/12/06 8:39	kelliot	Q19784
Nitrobenzene	**BRL**	µg/kg	450	82	1	8270C	12/12/06 8:39	kelliot	Q19784
Pentachlorophenol	**BRL**	µg/kg	450	59	1	8270C	12/12/06 8:39	kelliot	Q19784
Phenanthrene	**BRL**	µg/kg	450	51	1	8270C	12/12/06 8:39	kelliot	Q19784
Phenol	**BRL**	µg/kg	450	55	1	8270C	12/12/06 8:39	kelliot	Q19784
Pyrene	**BRL**	µg/kg	450	36	1	8270C	12/12/06 8:39	kelliot	Q19784

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-3 (8-10')
Prism Sample ID: 168071
COC Group: G1206140
Time Collected: 12/05/06 13:30
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			29.62 g / 1 mL			3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
Terphenyl-d14	100	41 - 136
Phenol-d5	81	13 - 95
2-Fluorobiphenyl	82	21 - 108
Nitrobenzene-d5	74	14 - 103
2,4,6-Tribromophenol	97	25 - 123
2-Fluorophenol	73	14 - 89

Metals by ICP

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chromium	**20**	mg/kg	1.0	0.062	3	6010B	12/08/06 15:43	mcampbell	Q19756
Lead	**11**	mg/kg	1.0	0.086	3	6010B	12/08/06 15:43	mcampbell	Q19756
Sample Preparation:			1.97 g / 50 mL			3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-5 (8-10')
Prism Sample ID: 168072
COC Group: G1206140
Time Collected: 12/05/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**78.9**	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	**BRL**	µg/kg	8.0	0.79	1	8260B	12/10/06 11:01	erussell	Q19772
1,1,1-Trichloroethane	**BRL**	µg/kg	8.0	0.45	1	8260B	12/10/06 11:01	erussell	Q19772
1,1,2,2-Tetrachloroethane	**BRL**	µg/kg	8.0	0.82	1	8260B	12/10/06 11:01	erussell	Q19772
1,1,2-Trichloroethane	**BRL**	µg/kg	8.0	0.50	1	8260B	12/10/06 11:01	erussell	Q19772
1,1-Dichloroethane	**BRL**	µg/kg	8.0	0.58	1	8260B	12/10/06 11:01	erussell	Q19772
1,1-Dichloroethene	**BRL**	µg/kg	8.0	0.61	1	8260B	12/10/06 11:01	erussell	Q19772
1,1-Dichloropropene	**BRL**	µg/kg	8.0	0.71	1	8260B	12/10/06 11:01	erussell	Q19772
1,2,3-Trichlorobenzene	**BRL**	µg/kg	16	0.88	1	8260B	12/10/06 11:01	erussell	Q19772
1,2,3-Trichloropropane	**BRL**	µg/kg	8.0	0.71	1	8260B	12/10/06 11:01	erussell	Q19772
1,2,4-Trichlorobenzene	**BRL**	µg/kg	16	0.77	1	8260B	12/10/06 11:01	erussell	Q19772
1,2,4-Trimethylbenzene	**BRL**	µg/kg	16	0.61	1	8260B	12/10/06 11:01	erussell	Q19772
1,2-Dibromo-3-chloropropane	**BRL**	µg/kg	16	1.0	1	8260B	12/10/06 11:01	erussell	Q19772
1,2-Dibromoethane (EDB)	**BRL**	µg/kg	8.0	0.14	1	8260B	12/10/06 11:01	erussell	Q19772
1,2-Dichlorobenzene	**BRL**	µg/kg	16	0.43	1	8260B	12/10/06 11:01	erussell	Q19772
1,2-Dichloroethane	**BRL**	µg/kg	8.0	0.80	1	8260B	12/10/06 11:01	erussell	Q19772
1,2-Dichloropropane	**BRL**	µg/kg	8.0	0.60	1	8260B	12/10/06 11:01	erussell	Q19772
1,3,5-Trimethylbenzene	**BRL**	µg/kg	16	0.68	1	8260B	12/10/06 11:01	erussell	Q19772
1,3-Dichlorobenzene	**BRL**	µg/kg	16	0.69	1	8260B	12/10/06 11:01	erussell	Q19772
1,3-Dichloropropane	**BRL**	µg/kg	8.0	0.55	1	8260B	12/10/06 11:01	erussell	Q19772
1,4-Dichlorobenzene	**BRL**	µg/kg	16	0.63	1	8260B	12/10/06 11:01	erussell	Q19772
2,2-Dichloropropane	**BRL**	µg/kg	8.0	0.40	1	8260B	12/10/06 11:01	erussell	Q19772
2-Chloroethyl vinyl ether	**BRL**	µg/kg	16	0.60	1	8260B	12/10/06 11:01	erussell	Q19772
2-Chlorotoluene	**BRL**	µg/kg	16	0.60	1	8260B	12/10/06 11:01	erussell	Q19772
2-Hexanone	**BRL**	µg/kg	80	0.84	1	8260B	12/10/06 11:01	erussell	Q19772
4-Chlorotoluene	**BRL**	µg/kg	16	0.42	1	8260B	12/10/06 11:01	erussell	Q19772

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-5 (8-10')
Prism Sample ID: 168072
COC Group: G1206140
Time Collected: 12/05/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	16	0.80	1	8260B	12/10/06 11:01	erussell	Q19772
Acetone	BRL	µg/kg	32	3.2	1	8260B	12/10/06 11:01	erussell	Q19772
Benzene	BRL	µg/kg	4.8	0.64	1	8260B	12/10/06 11:01	erussell	Q19772
Bromobenzene	BRL	µg/kg	8.0	0.56	1	8260B	12/10/06 11:01	erussell	Q19772
Bromochloromethane	BRL	µg/kg	8.0	0.48	1	8260B	12/10/06 11:01	erussell	Q19772
Bromodichloromethane	BRL	µg/kg	8.0	0.71	1	8260B	12/10/06 11:01	erussell	Q19772
Bromoform	BRL	µg/kg	8.0	0.60	1	8260B	12/10/06 11:01	erussell	Q19772
Bromomethane	BRL	µg/kg	16	0.93	1	8260B	12/10/06 11:01	erussell	Q19772
Carbon disulfide	BRL	µg/kg	16	0.51	1	8260B	12/10/06 11:01	erussell	Q19772
Carbon tetrachloride	BRL	µg/kg	8.0	0.47	1	8260B	12/10/06 11:01	erussell	Q19772
Chlorobenzene	BRL	µg/kg	8.0	0.61	1	8260B	12/10/06 11:01	erussell	Q19772
Chlorodibromomethane	BRL	µg/kg	8.0	0.55	1	8260B	12/10/06 11:01	erussell	Q19772
Chloroethane	BRL	µg/kg	16	0.66	1	8260B	12/10/06 11:01	erussell	Q19772
Chloroform	BRL	µg/kg	8.0	0.60	1	8260B	12/10/06 11:01	erussell	Q19772
Chloromethane	BRL	µg/kg	16	0.56	1	8260B	12/10/06 11:01	erussell	Q19772
cis-1,2-Dichloroethene	BRL	µg/kg	8.0	0.35	1	8260B	12/10/06 11:01	erussell	Q19772
cis-1,3-Dichloropropene	BRL	µg/kg	8.0	0.51	1	8260B	12/10/06 11:01	erussell	Q19772
Dibromomethane	BRL	µg/kg	8.0	0.60	1	8260B	12/10/06 11:01	erussell	Q19772
Dichlorodifluoromethane	BRL	µg/kg	16	1.8	1	8260B	12/10/06 11:01	erussell	Q19772
Ethylbenzene	BRL	µg/kg	8.0	0.56	1	8260B	12/10/06 11:01	erussell	Q19772
Hexachlorobutadiene	BRL	µg/kg	24	0.99	1	8260B	12/10/06 11:01	erussell	Q19772
Isopropyl ether (IPE)	BRL	µg/kg	8.0	0.27	1	8260B	12/10/06 11:01	erussell	Q19772
Isopropylbenzene	BRL	µg/kg	16	0.64	1	8260B	12/10/06 11:01	erussell	Q19772
m,p-Xylenes	BRL	µg/kg	16	1.1	1	8260B	12/10/06 11:01	erussell	Q19772
Methyl ethyl ketone (MEK)	BRL	µg/kg	32	2.3	1	8260B	12/10/06 11:01	erussell	Q19772
Methyl t-butyl ether (MTBE)	BRL	µg/kg	8.0	0.47	1	8260B	12/10/06 11:01	erussell	Q19772
Methylene chloride	BRL	µg/kg	16	0.66	1	8260B	12/10/06 11:01	erussell	Q19772
n-Butylbenzene	BRL	µg/kg	24	0.64	1	8260B	12/10/06 11:01	erussell	Q19772

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-5 (8-10')
Prism Sample ID: 168072
COC Group: G1206140
Time Collected: 12/05/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	16	0.48	1	8260B	12/10/06 11:01	erussell	Q19772
Naphthalene	**BRL**	µg/kg	8.0	0.93	1	8260B	12/10/06 11:01	erussell	Q19772
o-Xylene	**BRL**	µg/kg	8.0	0.48	1	8260B	12/10/06 11:01	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	24	0.66	1	8260B	12/10/06 11:01	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	24	0.53	1	8260B	12/10/06 11:01	erussell	Q19772
Styrene	**BRL**	µg/kg	8.0	0.80	1	8260B	12/10/06 11:01	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	32	0.50	1	8260B	12/10/06 11:01	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	16	1.4	1	8260B	12/10/06 11:01	erussell	Q19772
Toluene	**BRL**	µg/kg	8.0	0.55	1	8260B	12/10/06 11:01	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	8.0	0.61	1	8260B	12/10/06 11:01	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	8.0	0.56	1	8260B	12/10/06 11:01	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	8.0	0.48	1	8260B	12/10/06 11:01	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	8.0	0.66	1	8260B	12/10/06 11:01	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	16	1.0	1	8260B	12/10/06 11:01	erussell	Q19772

Surrogate	% Recovery	Control Limits
Dibromofluoromethane	102	67 - 143
Bromofluorobenzene	105	77 - 128
Toluene-d8	98	81 - 128

Sample Weight Determination

Weight Bisulfate 1	**3.94**	g			1	5035	12/12/06 0:00	lbrown
Weight Bisulfate 2	**4.07**	g			1	5035	12/12/06 0:00	lbrown
Weight Methanol	**3.82**	g			1	5035	12/12/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	420	70	1	8270C	12/12/06 9:28	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	420	57	1	8270C	12/12/06 9:28	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	420	43	1	8270C	12/12/06 9:28	kelliot	Q19784

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-5 (8-10')
Prism Sample ID: 168072
COC Group: G1206140
Time Collected: 12/05/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	420	34	1	8270C	12/12/06 9:28	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	420	94	1	8270C	12/12/06 9:28	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	420	89	1	8270C	12/12/06 9:28	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	420	86	1	8270C	12/12/06 9:28	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	420	81	1	8270C	12/12/06 9:28	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	420	100	1	8270C	12/12/06 9:28	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	420	65	1	8270C	12/12/06 9:28	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	420	49	1	8270C	12/12/06 9:28	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	420	68	1	8270C	12/12/06 9:28	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	420	42	1	8270C	12/12/06 9:28	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	420	71	1	8270C	12/12/06 9:28	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	420	67	1	8270C	12/12/06 9:28	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	420	53	1	8270C	12/12/06 9:28	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	420	66	1	8270C	12/12/06 9:28	kelliot	Q19784
3,3'-Dichlorobenzidine	BRL	µg/kg	420	140	1	8270C	12/12/06 9:28	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	420	94	1	8270C	12/12/06 9:28	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	420	70	1	8270C	12/12/06 9:28	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	420	79	1	8270C	12/12/06 9:28	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	420	63	1	8270C	12/12/06 9:28	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	420	100	1	8270C	12/12/06 9:28	kelliot	Q19784
Acenaphthene	BRL	µg/kg	420	80	1	8270C	12/12/06 9:28	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	420	79	1	8270C	12/12/06 9:28	kelliot	Q19784
Anthracene	BRL	µg/kg	420	51	1	8270C	12/12/06 9:28	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	420	82	1	8270C	12/12/06 9:28	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	420	42	1	8270C	12/12/06 9:28	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	420	56	1	8270C	12/12/06 9:28	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	420	96	1	8270C	12/12/06 9:28	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	420	49	1	8270C	12/12/06 9:28	kelliot	Q19784

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
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Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-5 (8-10')
Prism Sample ID: 168072
COC Group: G1206140
Time Collected: 12/05/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	**BRL**	µg/kg	420	80	1	8270C	12/12/06 9:28	kelliot	Q19784
Bis(2-chloroethyl)ether	**BRL**	µg/kg	420	29	1	8270C	12/12/06 9:28	kelliot	Q19784
Bis(2-chloroisopropyl)ether	**BRL**	µg/kg	420	58	1	8270C	12/12/06 9:28	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	**BRL**	µg/kg	420	46	1	8270C	12/12/06 9:28	kelliot	Q19784
Butylbenzylphthalate	**BRL**	µg/kg	420	43	1	8270C	12/12/06 9:28	kelliot	Q19784
Chrysene	**BRL**	µg/kg	420	79	1	8270C	12/12/06 9:28	kelliot	Q19784
Di-n-butylphthalate	**BRL**	µg/kg	420	57	1	8270C	12/12/06 9:28	kelliot	Q19784
Di-n-octylphthalate	**BRL**	µg/kg	420	72	1	8270C	12/12/06 9:28	kelliot	Q19784
Dibenzo(a,h)anthracene	**BRL**	µg/kg	420	99	1	8270C	12/12/06 9:28	kelliot	Q19784
Dibenzofuran	**BRL**	µg/kg	420	77	1	8270C	12/12/06 9:28	kelliot	Q19784
Diethylphthalate	**BRL**	µg/kg	420	42	1	8270C	12/12/06 9:28	kelliot	Q19784
Dimethylphthalate	**BRL**	µg/kg	420	57	1	8270C	12/12/06 9:28	kelliot	Q19784
Fluoranthene	**BRL**	µg/kg	420	51	1	8270C	12/12/06 9:28	kelliot	Q19784
Fluorene	**BRL**	µg/kg	420	79	1	8270C	12/12/06 9:28	kelliot	Q19784
Hexachlorobenzene	**BRL**	µg/kg	420	61	1	8270C	12/12/06 9:28	kelliot	Q19784
Hexachlorobutadiene	**BRL**	µg/kg	420	54	1	8270C	12/12/06 9:28	kelliot	Q19784
Hexachlorocyclopentadiene	**BRL**	µg/kg	420	96	1	8270C	12/12/06 9:28	kelliot	Q19784
Hexachloroethane	**BRL**	µg/kg	420	56	1	8270C	12/12/06 9:28	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	**BRL**	µg/kg	420	110	1	8270C	12/12/06 9:28	kelliot	Q19784
Isophorone	**BRL**	µg/kg	420	77	1	8270C	12/12/06 9:28	kelliot	Q19784
N-Nitrosodi-n-propylamine	**BRL**	µg/kg	420	76	1	8270C	12/12/06 9:28	kelliot	Q19784
N-Nitrosodiphenylamine	**BRL**	µg/kg	420	61	1	8270C	12/12/06 9:28	kelliot	Q19784
Naphthalene	**BRL**	µg/kg	420	58	1	8270C	12/12/06 9:28	kelliot	Q19784
Nitrobenzene	**BRL**	µg/kg	420	76	1	8270C	12/12/06 9:28	kelliot	Q19784
Pentachlorophenol	**BRL**	µg/kg	420	54	1	8270C	12/12/06 9:28	kelliot	Q19784
Phenanthrene	**BRL**	µg/kg	420	47	1	8270C	12/12/06 9:28	kelliot	Q19784
Phenol	**BRL**	µg/kg	420	51	1	8270C	12/12/06 9:28	kelliot	Q19784
Pyrene	**BRL**	µg/kg	420	33	1	8270C	12/12/06 9:28	kelliot	Q19784

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-5 (8-10')
Prism Sample ID: 168072
COC Group: G1206140
Time Collected: 12/05/06 14:45
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			30 g /		1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
Terphenyl-d14	95	41 - 136
2,4,6-Tribromophenol	95	25 - 123
2-Fluorophenol	81	14 - 89
Phenol-d5	87	13 - 95
2-Fluorobiphenyl	86	21 - 108
Nitrobenzene-d5	81	14 - 103

Metals by ICP

Chromium	**13**	mg/kg	0.95	0.057	3	6010B	12/08/06 15:51	mcampbell	Q19756
Lead	**16**	mg/kg	0.95	0.079	3	6010B	12/08/06 15:51	mcampbell	Q19756
Sample Preparation:			2.01 g /		50 mL	3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: COAL BIN
Prism Sample ID: 168073
COC Group: G1206140
Time Collected: 12/05/06 15:00
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	98.0	%			1	SM2540 G	12/06/06 15:25	lthao	
PAHs by GC/MS									
2-Methylnaphthalene	0.25 J	mg/kg	0.34	0.057	1	8270C	12/12/06 13:32	kelliot	Q19784
Acenaphthene	BRL	mg/kg	0.34	0.065	1	8270C	12/12/06 13:32	kelliot	Q19784
Acenaphthylene	BRL	mg/kg	0.34	0.064	1	8270C	12/12/06 13:32	kelliot	Q19784
Anthracene	BRL	mg/kg	0.34	0.041	1	8270C	12/12/06 13:32	kelliot	Q19784
Benzo(a)anthracene	BRL	mg/kg	0.34	0.067	1	8270C	12/12/06 13:32	kelliot	Q19784
Benzo(a)pyrene	BRL	mg/kg	0.34	0.034	1	8270C	12/12/06 13:32	kelliot	Q19784
Benzo(b)fluoranthene	BRL	mg/kg	0.34	0.045	1	8270C	12/12/06 13:32	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	mg/kg	0.34	0.078	1	8270C	12/12/06 13:32	kelliot	Q19784
Benzo(k)fluoranthene	BRL	mg/kg	0.34	0.040	1	8270C	12/12/06 13:32	kelliot	Q19784
Chrysene	BRL	mg/kg	0.34	0.064	1	8270C	12/12/06 13:32	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	mg/kg	0.34	0.080	1	8270C	12/12/06 13:32	kelliot	Q19784
Fluoranthene	BRL	mg/kg	0.34	0.041	1	8270C	12/12/06 13:32	kelliot	Q19784
Fluorene	BRL	mg/kg	0.34	0.064	1	8270C	12/12/06 13:32	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	mg/kg	0.34	0.086	1	8270C	12/12/06 13:32	kelliot	Q19784
Naphthalene	0.19 J	mg/kg	0.34	0.047	1	8270C	12/12/06 13:32	kelliot	Q19784
Phenanthrene	0.20 J	mg/kg	0.34	0.038	1	8270C	12/12/06 13:32	kelliot	Q19784
Pyrene	BRL	mg/kg	0.34	0.027	1	8270C	12/12/06 13:32	kelliot	Q19784
Sample Preparation:			29.86 g	/	1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
Nitrobenzene-d5	80	14 - 103
2-Fluorobiphenyl	91	21 - 108
Terphenyl-d14	95	41 - 136

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12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: COAL BIN
Prism Sample ID: 168073
COC Group: G1206140
Time Collected: 12/05/06 15:00
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-4 (6-8')
Prism Sample ID: 168074
COC Group: G1206140
Time Collected: 12/05/06 15:40
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	86.4	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	6.0	0.59	1	8260B	12/10/06 11:33	erussell	Q19772
1,1,1-Trichloroethane	BRL	µg/kg	6.0	0.34	1	8260B	12/10/06 11:33	erussell	Q19772
1,1,2,2-Tetrachloroethane	BRL	µg/kg	6.0	0.61	1	8260B	12/10/06 11:33	erussell	Q19772
1,1,2-Trichloroethane	BRL	µg/kg	6.0	0.37	1	8260B	12/10/06 11:33	erussell	Q19772
1,1-Dichloroethane	BRL	µg/kg	6.0	0.43	1	8260B	12/10/06 11:33	erussell	Q19772
1,1-Dichloroethene	BRL	µg/kg	6.0	0.46	1	8260B	12/10/06 11:33	erussell	Q19772
1,1-Dichloropropene	BRL	µg/kg	6.0	0.53	1	8260B	12/10/06 11:33	erussell	Q19772
1,2,3-Trichlorobenzene	BRL	µg/kg	12	0.66	1	8260B	12/10/06 11:33	erussell	Q19772
1,2,3-Trichloropropane	BRL	µg/kg	6.0	0.53	1	8260B	12/10/06 11:33	erussell	Q19772
1,2,4-Trichlorobenzene	BRL	µg/kg	12	0.58	1	8260B	12/10/06 11:33	erussell	Q19772
1,2,4-Trimethylbenzene	BRL	µg/kg	12	0.46	1	8260B	12/10/06 11:33	erussell	Q19772
1,2-Dibromo-3-chloropropane	BRL	µg/kg	12	0.91	1	8260B	12/10/06 11:33	erussell	Q19772
1,2-Dibromoethane (EDB)	BRL	µg/kg	6.0	0.11	1	8260B	12/10/06 11:33	erussell	Q19772
1,2-Dichlorobenzene	BRL	µg/kg	12	0.32	1	8260B	12/10/06 11:33	erussell	Q19772
1,2-Dichloroethane	BRL	µg/kg	6.0	0.60	1	8260B	12/10/06 11:33	erussell	Q19772
1,2-Dichloropropane	BRL	µg/kg	6.0	0.45	1	8260B	12/10/06 11:33	erussell	Q19772
1,3,5-Trimethylbenzene	BRL	µg/kg	12	0.51	1	8260B	12/10/06 11:33	erussell	Q19772
1,3-Dichlorobenzene	BRL	µg/kg	12	0.52	1	8260B	12/10/06 11:33	erussell	Q19772
1,3-Dichloropropane	BRL	µg/kg	6.0	0.41	1	8260B	12/10/06 11:33	erussell	Q19772
1,4-Dichlorobenzene	BRL	µg/kg	12	0.47	1	8260B	12/10/06 11:33	erussell	Q19772
2,2-Dichloropropane	BRL	µg/kg	6.0	0.30	1	8260B	12/10/06 11:33	erussell	Q19772
2-Chloroethyl vinyl ether	BRL	µg/kg	12	0.45	1	8260B	12/10/06 11:33	erussell	Q19772
2-Chlorotoluene	BRL	µg/kg	12	0.45	1	8260B	12/10/06 11:33	erussell	Q19772
2-Hexanone	BRL	µg/kg	60	0.63	1	8260B	12/10/06 11:33	erussell	Q19772
4-Chlorotoluene	BRL	µg/kg	12	0.31	1	8260B	12/10/06 11:33	erussell	Q19772

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Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-4 (6-8')
Prism Sample ID: 168074
COC Group: G1206140
Time Collected: 12/05/06 15:40
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	12	0.60	1	8260B	12/10/06 11:33	erussell	Q19772
Acetone	BRL	µg/kg	24	2.4	1	8260B	12/10/06 11:33	erussell	Q19772
Benzene	BRL	µg/kg	3.6	0.48	1	8260B	12/10/06 11:33	erussell	Q19772
Bromobenzene	BRL	µg/kg	6.0	0.42	1	8260B	12/10/06 11:33	erussell	Q19772
Bromochloromethane	BRL	µg/kg	6.0	0.36	1	8260B	12/10/06 11:33	erussell	Q19772
Bromodichloromethane	BRL	µg/kg	6.0	0.53	1	8260B	12/10/06 11:33	erussell	Q19772
Bromoform	BRL	µg/kg	6.0	0.45	1	8260B	12/10/06 11:33	erussell	Q19772
Bromomethane	BRL	µg/kg	12	0.70	1	8260B	12/10/06 11:33	erussell	Q19772
Carbon disulfide	BRL	µg/kg	12	0.39	1	8260B	12/10/06 11:33	erussell	Q19772
Carbon tetrachloride	BRL	µg/kg	6.0	0.35	1	8260B	12/10/06 11:33	erussell	Q19772
Chlorobenzene	BRL	µg/kg	6.0	0.46	1	8260B	12/10/06 11:33	erussell	Q19772
Chlorodibromomethane	BRL	µg/kg	6.0	0.41	1	8260B	12/10/06 11:33	erussell	Q19772
Chloroethane	BRL	µg/kg	12	0.49	1	8260B	12/10/06 11:33	erussell	Q19772
Chloroform	BRL	µg/kg	6.0	0.45	1	8260B	12/10/06 11:33	erussell	Q19772
Chloromethane	BRL	µg/kg	12	0.42	1	8260B	12/10/06 11:33	erussell	Q19772
cis-1,2-Dichloroethene	BRL	µg/kg	6.0	0.26	1	8260B	12/10/06 11:33	erussell	Q19772
cis-1,3-Dichloropropene	BRL	µg/kg	6.0	0.39	1	8260B	12/10/06 11:33	erussell	Q19772
Dibromomethane	BRL	µg/kg	6.0	0.45	1	8260B	12/10/06 11:33	erussell	Q19772
Dichlorodifluoromethane	BRL	µg/kg	12	1.3	1	8260B	12/10/06 11:33	erussell	Q19772
Ethylbenzene	BRL	µg/kg	6.0	0.42	1	8260B	12/10/06 11:33	erussell	Q19772
Hexachlorobutadiene	BRL	µg/kg	18	0.75	1	8260B	12/10/06 11:33	erussell	Q19772
Isopropyl ether (IPE)	BRL	µg/kg	6.0	0.20	1	8260B	12/10/06 11:33	erussell	Q19772
Isopropylbenzene	BRL	µg/kg	12	0.48	1	8260B	12/10/06 11:33	erussell	Q19772
m,p-Xylenes	BRL	µg/kg	12	0.84	1	8260B	12/10/06 11:33	erussell	Q19772
Methyl ethyl ketone (MEK)	BRL	µg/kg	24	1.7	1	8260B	12/10/06 11:33	erussell	Q19772
Methyl t-butyl ether (MTBE)	BRL	µg/kg	6.0	0.35	1	8260B	12/10/06 11:33	erussell	Q19772
Methylene chloride	BRL	µg/kg	12	0.49	1	8260B	12/10/06 11:33	erussell	Q19772
n-Butylbenzene	BRL	µg/kg	18	0.48	1	8260B	12/10/06 11:33	erussell	Q19772

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-4 (6-8')
Prism Sample ID: 168074
COC Group: G1206140
Time Collected: 12/05/06 15:40
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	12	0.36	1	8260B	12/10/06 11:33	erussell	Q19772
Naphthalene	**BRL**	µg/kg	6.0	0.70	1	8260B	12/10/06 11:33	erussell	Q19772
o-Xylene	**BRL**	µg/kg	6.0	0.36	1	8260B	12/10/06 11:33	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	18	0.49	1	8260B	12/10/06 11:33	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	18	0.40	1	8260B	12/10/06 11:33	erussell	Q19772
Styrene	**BRL**	µg/kg	6.0	0.60	1	8260B	12/10/06 11:33	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	24	0.37	1	8260B	12/10/06 11:33	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	12	1.0	1	8260B	12/10/06 11:33	erussell	Q19772
Toluene	**BRL**	µg/kg	6.0	0.41	1	8260B	12/10/06 11:33	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	6.0	0.46	1	8260B	12/10/06 11:33	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	6.0	0.42	1	8260B	12/10/06 11:33	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	6.0	0.36	1	8260B	12/10/06 11:33	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	6.0	0.49	1	8260B	12/10/06 11:33	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	12	0.77	1	8260B	12/10/06 11:33	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	105	77 - 128
Toluene-d8	100	81 - 128
Dibromofluoromethane	102	67 - 143

Sample Weight Determination

Weight Bisulfate 1	**4.81**	g			1	5035	12/13/06 0:00	lbrown
Weight Bisulfate 2	**5.04**	g			1	5035	12/13/06 0:00	lbrown
Weight Methanol	**5.28**	g			1	5035	12/13/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	390	64	1	8270C	12/12/06 11:53	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	390	53	1	8270C	12/12/06 11:53	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	390	40	1	8270C	12/12/06 11:53	kelliot	Q19784

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Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-4 (6-8')
Prism Sample ID: 168074
COC Group: G1206140
Time Collected: 12/05/06 15:40
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	390	32	1	8270C	12/12/06 11:53	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	390	87	1	8270C	12/12/06 11:53	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	390	82	1	8270C	12/12/06 11:53	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	390	80	1	8270C	12/12/06 11:53	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	390	75	1	8270C	12/12/06 11:53	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	390	96	1	8270C	12/12/06 11:53	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	390	60	1	8270C	12/12/06 11:53	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	390	46	1	8270C	12/12/06 11:53	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	390	63	1	8270C	12/12/06 11:53	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	390	39	1	8270C	12/12/06 11:53	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	390	66	1	8270C	12/12/06 11:53	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	390	62	1	8270C	12/12/06 11:53	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	390	49	1	8270C	12/12/06 11:53	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	390	61	1	8270C	12/12/06 11:53	kelliot	Q19784
3,3´-Dichlorobenzidine	BRL	µg/kg	390	130	1	8270C	12/12/06 11:53	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	390	87	1	8270C	12/12/06 11:53	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	390	64	1	8270C	12/12/06 11:53	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	390	73	1	8270C	12/12/06 11:53	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	390	59	1	8270C	12/12/06 11:53	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	390	96	1	8270C	12/12/06 11:53	kelliot	Q19784
Acenaphthene	BRL	µg/kg	390	74	1	8270C	12/12/06 11:53	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	390	73	1	8270C	12/12/06 11:53	kelliot	Q19784
Anthracene	BRL	µg/kg	390	47	1	8270C	12/12/06 11:53	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	390	76	1	8270C	12/12/06 11:53	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	390	39	1	8270C	12/12/06 11:53	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	390	52	1	8270C	12/12/06 11:53	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	390	89	1	8270C	12/12/06 11:53	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	390	46	1	8270C	12/12/06 11:53	kelliot	Q19784

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PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-4 (6-8')
Prism Sample ID: 168074
COC Group: G1206140
Time Collected: 12/05/06 15:40
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	BRL	µg/kg	390	74	1	8270C	12/12/06 11:53	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	390	27	1	8270C	12/12/06 11:53	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	390	54	1	8270C	12/12/06 11:53	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	390	42	1	8270C	12/12/06 11:53	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	390	40	1	8270C	12/12/06 11:53	kelliot	Q19784
Chrysene	BRL	µg/kg	390	73	1	8270C	12/12/06 11:53	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	390	53	1	8270C	12/12/06 11:53	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	390	67	1	8270C	12/12/06 11:53	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	390	91	1	8270C	12/12/06 11:53	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	390	71	1	8270C	12/12/06 11:53	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	390	39	1	8270C	12/12/06 11:53	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	390	53	1	8270C	12/12/06 11:53	kelliot	Q19784
Fluoranthene	BRL	µg/kg	390	47	1	8270C	12/12/06 11:53	kelliot	Q19784
Fluorene	BRL	µg/kg	390	73	1	8270C	12/12/06 11:53	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	390	56	1	8270C	12/12/06 11:53	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	390	50	1	8270C	12/12/06 11:53	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	390	89	1	8270C	12/12/06 11:53	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	390	52	1	8270C	12/12/06 11:53	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	390	98	1	8270C	12/12/06 11:53	kelliot	Q19784
Isophorone	BRL	µg/kg	390	71	1	8270C	12/12/06 11:53	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	390	70	1	8270C	12/12/06 11:53	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	390	56	1	8270C	12/12/06 11:53	kelliot	Q19784
Naphthalene	BRL	µg/kg	390	54	1	8270C	12/12/06 11:53	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	390	70	1	8270C	12/12/06 11:53	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	390	50	1	8270C	12/12/06 11:53	kelliot	Q19784
Phenanthrene	BRL	µg/kg	390	43	1	8270C	12/12/06 11:53	kelliot	Q19784
Phenol	BRL	µg/kg	390	47	1	8270C	12/12/06 11:53	kelliot	Q19784
Pyrene	BRL	µg/kg	390	30	1	8270C	12/12/06 11:53	kelliot	Q19784

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: MW-4 (6-8')
Prism Sample ID: 168074
COC Group: G1206140
Time Collected: 12/05/06 15:40
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			29.65 g /		1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
Phenol-d5	82	13 - 95
Nitrobenzene-d5	76	14 - 103
Terphenyl-d14	101	41 - 136
2-Fluorophenol	74	14 - 89
2-Fluorobiphenyl	86	21 - 108
2,4,6-Tribromophenol	97	25 - 123

Metals by ICP

Chromium	**6.2**	mg/kg	0.87	0.052	3	6010B	12/08/06 15:58	mcampbell	Q19756
Lead	**22**	mg/kg	0.87	0.073	3	6010B	12/08/06 15:58	mcampbell	Q19756
Sample Preparation:			1.99 g /		50 mL	3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-8 (0-2')
Prism Sample ID: 168075
COC Group: G1206140
Time Collected: 12/05/06 16:05
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	85.4	%			1	SM2540 G	12/06/06 15:25	lthao	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	4.7	0.63	1	8260B	12/10/06 12:04	erussell	Q19772
1,1,1-Trichloroethane	BRL	µg/kg	4.7	0.77	1	8260B	12/10/06 12:04	erussell	Q19772
1,1,2,2-Tetrachloroethane	BRL	µg/kg	4.7	0.57	1	8260B	12/10/06 12:04	erussell	Q19772
1,1,2-Trichloroethane	BRL	µg/kg	4.7	0.45	1	8260B	12/10/06 12:04	erussell	Q19772
1,1-Dichloroethane	BRL	µg/kg	4.7	0.90	1	8260B	12/10/06 12:04	erussell	Q19772
1,1-Dichloroethene	BRL	µg/kg	4.7	0.69	1	8260B	12/10/06 12:04	erussell	Q19772
1,1-Dichloropropene	BRL	µg/kg	4.7	0.80	1	8260B	12/10/06 12:04	erussell	Q19772
1,2,3-Trichlorobenzene	BRL	µg/kg	9.3	3.3	1	8260B	12/10/06 12:04	erussell	Q19772
1,2,3-Trichloropropane	BRL	µg/kg	4.7	0.24	1	8260B	12/10/06 12:04	erussell	Q19772
1,2,4-Trichlorobenzene	BRL	µg/kg	9.3	3.2	1	8260B	12/10/06 12:04	erussell	Q19772
1,2,4-Trimethylbenzene	BRL	µg/kg	9.3	3.4	1	8260B	12/10/06 12:04	erussell	Q19772
1,2-Dibromo-3-chloropropane	BRL	µg/kg	4.7	1.3	1	8260B	12/10/06 12:04	erussell	Q19772
1,2-Dibromoethane (EDB)	BRL	µg/kg	4.7	0.47	1	8260B	12/10/06 12:04	erussell	Q19772
1,2-Dichlorobenzene	BRL	µg/kg	9.3	2.2	1	8260B	12/10/06 12:04	erussell	Q19772
1,2-Dichloroethane	BRL	µg/kg	4.7	1.1	1	8260B	12/10/06 12:04	erussell	Q19772
1,2-Dichloropropane	BRL	µg/kg	4.7	1.0	1	8260B	12/10/06 12:04	erussell	Q19772
1,3,5-Trimethylbenzene	BRL	µg/kg	9.3	3.5	1	8260B	12/10/06 12:04	erussell	Q19772
1,3-Dichlorobenzene	BRL	µg/kg	9.3	2.7	1	8260B	12/10/06 12:04	erussell	Q19772
1,3-Dichloropropane	BRL	µg/kg	4.7	0.83	1	8260B	12/10/06 12:04	erussell	Q19772
1,4-Dichlorobenzene	BRL	µg/kg	9.3	2.1	1	8260B	12/10/06 12:04	erussell	Q19772
2,2-Dichloropropane	BRL	µg/kg	4.7	0.84	1	8260B	12/10/06 12:04	erussell	Q19772
2-Chloroethyl vinyl ether	BRL	µg/kg	9.3	0.73	1	8260B	12/10/06 12:04	erussell	Q19772
2-Chlorotoluene	BRL	µg/kg	9.3	2.3	1	8260B	12/10/06 12:04	erussell	Q19772
2-Hexanone	BRL	µg/kg	47	0.59	1	8260B	12/10/06 12:04	erussell	Q19772
4-Chlorotoluene	BRL	µg/kg	9.3	2.4	1	8260B	12/10/06 12:04	erussell	Q19772

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SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-8 (0-2')
Prism Sample ID: 168075
COC Group: G1206140
Time Collected: 12/05/06 16:05
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Methyl-2-pentanone (MIBK)	**BRL**	µg/kg	9.3	0.85	1	8260B	12/10/06 12:04	erussell	Q19772
Acetone	**180**	µg/kg	19	4.8	1	8260B	12/10/06 12:04	erussell	Q19772
Benzene	**BRL**	µg/kg	2.8	0.91	1	8260B	12/10/06 12:04	erussell	Q19772
Bromobenzene	**BRL**	µg/kg	4.7	0.66	1	8260B	12/10/06 12:04	erussell	Q19772
Bromochloromethane	**BRL**	µg/kg	4.7	0.77	1	8260B	12/10/06 12:04	erussell	Q19772
Bromodichloromethane	**BRL**	µg/kg	4.7	0.58	1	8260B	12/10/06 12:04	erussell	Q19772
Bromoform	**BRL**	µg/kg	4.7	0.76	1	8260B	12/10/06 12:04	erussell	Q19772
Bromomethane	**BRL**	µg/kg	9.3	0.74	1	8260B	12/10/06 12:04	erussell	Q19772
Carbon disulfide	**BRL**	µg/kg	9.3	0.67	1	8260B	12/10/06 12:04	erussell	Q19772
Carbon tetrachloride	**BRL**	µg/kg	4.7	0.72	1	8260B	12/10/06 12:04	erussell	Q19772
Chlorobenzene	**BRL**	µg/kg	4.7	0.80	1	8260B	12/10/06 12:04	erussell	Q19772
Chlorodibromomethane	**BRL**	µg/kg	4.7	0.93	1	8260B	12/10/06 12:04	erussell	Q19772
Chloroethane	**BRL**	µg/kg	9.3	1.1	1	8260B	12/10/06 12:04	erussell	Q19772
Chloroform	**BRL**	µg/kg	4.7	0.58	1	8260B	12/10/06 12:04	erussell	Q19772
Chloromethane	**BRL**	µg/kg	9.3	0.46	1	8260B	12/10/06 12:04	erussell	Q19772
cis-1,2-Dichloroethene	**BRL**	µg/kg	4.7	0.81	1	8260B	12/10/06 12:04	erussell	Q19772
cis-1,3-Dichloropropene	**BRL**	µg/kg	4.7	1.0	1	8260B	12/10/06 12:04	erussell	Q19772
Dibromomethane	**BRL**	µg/kg	4.7	0.42	1	8260B	12/10/06 12:04	erussell	Q19772
Dichlorodifluoromethane	**BRL**	µg/kg	9.3	0.59	1	8260B	12/10/06 12:04	erussell	Q19772
Ethylbenzene	**BRL**	µg/kg	4.7	1.8	1	8260B	12/10/06 12:04	erussell	Q19772
Hexachlorobutadiene	**BRL**	µg/kg	14	4.7	1	8260B	12/10/06 12:04	erussell	Q19772
Isopropyl ether (IPE)	**BRL**	µg/kg	4.7	0.90	1	8260B	12/10/06 12:04	erussell	Q19772
Isopropylbenzene	**BRL**	µg/kg	9.3	3.1	1	8260B	12/10/06 12:04	erussell	Q19772
m,p-Xylenes	**BRL**	µg/kg	9.3	3.8	1	8260B	12/10/06 12:04	erussell	Q19772
Methyl ethyl ketone (MEK)	**BRL**	µg/kg	19	1.8	1	8260B	12/10/06 12:04	erussell	Q19772
Methyl t-butyl ether (MTBE)	**BRL**	µg/kg	4.7	0.55	1	8260B	12/10/06 12:04	erussell	Q19772
Methylene chloride	**BRL**	µg/kg	9.3	1.1	1	8260B	12/10/06 12:04	erussell	Q19772
n-Butylbenzene	**BRL**	µg/kg	14	4.3	1	8260B	12/10/06 12:04	erussell	Q19772

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Full Service Analytical & Environmental Solutions

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-8 (0-2')
Prism Sample ID: 168075
COC Group: G1206140
Time Collected: 12/05/06 16:05
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	**BRL**	µg/kg	9.3	3.6	1	8260B	12/10/06 12:04	erussell	Q19772
Naphthalene	**BRL**	µg/kg	4.7	1.9	1	8260B	12/10/06 12:04	erussell	Q19772
o-Xylene	**BRL**	µg/kg	4.7	1.5	1	8260B	12/10/06 12:04	erussell	Q19772
p-Isopropyltoluene	**BRL**	µg/kg	14	4.2	1	8260B	12/10/06 12:04	erussell	Q19772
sec-Butylbenzene	**BRL**	µg/kg	14	4.5	1	8260B	12/10/06 12:04	erussell	Q19772
Styrene	**BRL**	µg/kg	4.7	1.1	1	8260B	12/10/06 12:04	erussell	Q19772
tert-Butylbenzene	**BRL**	µg/kg	19	5.2	1	8260B	12/10/06 12:04	erussell	Q19772
Tetrachloroethene	**BRL**	µg/kg	9.3	1.8	1	8260B	12/10/06 12:04	erussell	Q19772
Toluene	**BRL**	µg/kg	4.7	1.0	1	8260B	12/10/06 12:04	erussell	Q19772
trans-1,2-Dichloroethene	**BRL**	µg/kg	4.7	0.88	1	8260B	12/10/06 12:04	erussell	Q19772
trans-1,3-Dichloropropene	**BRL**	µg/kg	4.7	1.0	1	8260B	12/10/06 12:04	erussell	Q19772
Trichloroethene	**BRL**	µg/kg	4.7	0.93	1	8260B	12/10/06 12:04	erussell	Q19772
Trichlorofluoromethane	**BRL**	µg/kg	4.7	0.81	1	8260B	12/10/06 12:04	erussell	Q19772
Vinyl chloride	**BRL**	µg/kg	9.3	0.57	1	8260B	12/10/06 12:04	erussell	Q19772

Surrogate	% Recovery	Control Limits
Bromofluorobenzene	107	77 - 128
Toluene-d8	99	81 - 128
Dibromofluoromethane	104	67 - 143

Sample Weight Determination

Weight Bisulfate 1	**6.27**	g			1	5035	12/12/06 0:00	lbrown
Weight Bisulfate 2	**5.65**	g			1	5035	12/12/06 0:00	lbrown
Weight Methanol	**6.21**	g			1	5035	12/12/06 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	**BRL**	µg/kg	390	65	1	8270C	12/12/06 10:16	kelliot	Q19784
1,2-Dichlorobenzene	**BRL**	µg/kg	390	53	1	8270C	12/12/06 10:16	kelliot	Q19784
1,3-Dichlorobenzene	**BRL**	µg/kg	390	40	1	8270C	12/12/06 10:16	kelliot	Q19784

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Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-8 (0-2')
Prism Sample ID: 168075
COC Group: G1206140
Time Collected: 12/05/06 16:05
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,4-Dichlorobenzene	BRL	µg/kg	390	32	1	8270C	12/12/06 10:16	kelliot	Q19784
2,4,5-Trichlorophenol	BRL	µg/kg	390	88	1	8270C	12/12/06 10:16	kelliot	Q19784
2,4,6-Trichlorophenol	BRL	µg/kg	390	83	1	8270C	12/12/06 10:16	kelliot	Q19784
2,4-Dichlorophenol	BRL	µg/kg	390	81	1	8270C	12/12/06 10:16	kelliot	Q19784
2,4-Dimethylphenol	BRL	µg/kg	390	76	1	8270C	12/12/06 10:16	kelliot	Q19784
2,4-Dinitrophenol	BRL	µg/kg	390	97	1	8270C	12/12/06 10:16	kelliot	Q19784
2,4-Dinitrotoluene	BRL	µg/kg	390	60	1	8270C	12/12/06 10:16	kelliot	Q19784
2,6-Dinitrotoluene	BRL	µg/kg	390	46	1	8270C	12/12/06 10:16	kelliot	Q19784
2-Chloronaphthalene	BRL	µg/kg	390	64	1	8270C	12/12/06 10:16	kelliot	Q19784
2-Chlorophenol	BRL	µg/kg	390	39	1	8270C	12/12/06 10:16	kelliot	Q19784
2-Methylnaphthalene	BRL	µg/kg	390	66	1	8270C	12/12/06 10:16	kelliot	Q19784
2-Methylphenol	BRL	µg/kg	390	63	1	8270C	12/12/06 10:16	kelliot	Q19784
2-Nitrophenol	BRL	µg/kg	390	50	1	8270C	12/12/06 10:16	kelliot	Q19784
3&4-Methylphenol	BRL	µg/kg	390	62	1	8270C	12/12/06 10:16	kelliot	Q19784
3,3'-Dichlorobenzidine	BRL	µg/kg	390	130	1	8270C	12/12/06 10:16	kelliot	Q19784
4,6-Dinitro-2-methylphenol	BRL	µg/kg	390	88	1	8270C	12/12/06 10:16	kelliot	Q19784
4-Bromophenylphenylether	BRL	µg/kg	390	65	1	8270C	12/12/06 10:16	kelliot	Q19784
4-Chloro-3-methylphenol	BRL	µg/kg	390	74	1	8270C	12/12/06 10:16	kelliot	Q19784
4-Chlorophenylphenylether	BRL	µg/kg	390	59	1	8270C	12/12/06 10:16	kelliot	Q19784
4-Nitrophenol	BRL	µg/kg	390	97	1	8270C	12/12/06 10:16	kelliot	Q19784
Acenaphthene	BRL	µg/kg	390	75	1	8270C	12/12/06 10:16	kelliot	Q19784
Acenaphthylene	BRL	µg/kg	390	74	1	8270C	12/12/06 10:16	kelliot	Q19784
Anthracene	BRL	µg/kg	390	47	1	8270C	12/12/06 10:16	kelliot	Q19784
Benzo(a)anthracene	BRL	µg/kg	390	77	1	8270C	12/12/06 10:16	kelliot	Q19784
Benzo(a)pyrene	BRL	µg/kg	390	39	1	8270C	12/12/06 10:16	kelliot	Q19784
Benzo(b)fluoranthene	BRL	µg/kg	390	52	1	8270C	12/12/06 10:16	kelliot	Q19784
Benzo(g,h,i)perylene	BRL	µg/kg	390	90	1	8270C	12/12/06 10:16	kelliot	Q19784
Benzo(k)fluoranthene	BRL	µg/kg	390	46	1	8270C	12/12/06 10:16	kelliot	Q19784

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-8 (0-2')
Prism Sample ID: 168075
COC Group: G1206140
Time Collected: 12/05/06 16:05
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethoxy)methane	BRL	µg/kg	390	75	1	8270C	12/12/06 10:16	kelliot	Q19784
Bis(2-chloroethyl)ether	BRL	µg/kg	390	27	1	8270C	12/12/06 10:16	kelliot	Q19784
Bis(2-chloroisopropyl)ether	BRL	µg/kg	390	55	1	8270C	12/12/06 10:16	kelliot	Q19784
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	390	43	1	8270C	12/12/06 10:16	kelliot	Q19784
Butylbenzylphthalate	BRL	µg/kg	390	40	1	8270C	12/12/06 10:16	kelliot	Q19784
Chrysene	BRL	µg/kg	390	74	1	8270C	12/12/06 10:16	kelliot	Q19784
Di-n-butylphthalate	BRL	µg/kg	390	53	1	8270C	12/12/06 10:16	kelliot	Q19784
Di-n-octylphthalate	BRL	µg/kg	390	68	1	8270C	12/12/06 10:16	kelliot	Q19784
Dibenzo(a,h)anthracene	BRL	µg/kg	390	93	1	8270C	12/12/06 10:16	kelliot	Q19784
Dibenzofuran	BRL	µg/kg	390	72	1	8270C	12/12/06 10:16	kelliot	Q19784
Diethylphthalate	BRL	µg/kg	390	39	1	8270C	12/12/06 10:16	kelliot	Q19784
Dimethylphthalate	BRL	µg/kg	390	53	1	8270C	12/12/06 10:16	kelliot	Q19784
Fluoranthene	BRL	µg/kg	390	47	1	8270C	12/12/06 10:16	kelliot	Q19784
Fluorene	BRL	µg/kg	390	74	1	8270C	12/12/06 10:16	kelliot	Q19784
Hexachlorobenzene	BRL	µg/kg	390	57	1	8270C	12/12/06 10:16	kelliot	Q19784
Hexachlorobutadiene	BRL	µg/kg	390	51	1	8270C	12/12/06 10:16	kelliot	Q19784
Hexachlorocyclopentadiene	BRL	µg/kg	390	90	1	8270C	12/12/06 10:16	kelliot	Q19784
Hexachloroethane	BRL	µg/kg	390	52	1	8270C	12/12/06 10:16	kelliot	Q19784
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	390	100	1	8270C	12/12/06 10:16	kelliot	Q19784
Isophorone	BRL	µg/kg	390	72	1	8270C	12/12/06 10:16	kelliot	Q19784
N-Nitrosodi-n-propylamine	BRL	µg/kg	390	71	1	8270C	12/12/06 10:16	kelliot	Q19784
N-Nitrosodiphenylamine	BRL	µg/kg	390	57	1	8270C	12/12/06 10:16	kelliot	Q19784
Naphthalene	BRL	µg/kg	390	55	1	8270C	12/12/06 10:16	kelliot	Q19784
Nitrobenzene	BRL	µg/kg	390	71	1	8270C	12/12/06 10:16	kelliot	Q19784
Pentachlorophenol	BRL	µg/kg	390	51	1	8270C	12/12/06 10:16	kelliot	Q19784
Phenanthrene	BRL	µg/kg	390	44	1	8270C	12/12/06 10:16	kelliot	Q19784
Phenol	BRL	µg/kg	390	47	1	8270C	12/12/06 10:16	kelliot	Q19784
Pyrene	BRL	µg/kg	390	31	1	8270C	12/12/06 10:16	kelliot	Q19784

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.
Sample Matrix: Soil

Client Sample ID: SB-8 (0-2')
Prism Sample ID: 168075
COC Group: G1206140
Time Collected: 12/05/06 16:05
Time Submitted: 12/06/06 9:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:			29.62 g /		1 mL	3550B	12/11/06 8:30	dpope	P17033

Surrogate	% Recovery	Control Limits
2-Fluorobiphenyl	80	21 - 108
Nitrobenzene-d5	73	14 - 103
Terphenyl-d14	101	41 - 136
2,4,6-Tribromophenol	97	25 - 123
2-Fluorophenol	69	14 - 89
Phenol-d5	79	13 - 95

Metals by ICP									
Chromium	**13**	mg/kg	0.88	0.053	3	6010B	12/08/06 16:05	mcampbell	Q19756
Lead	**17**	mg/kg	0.88	0.074	3	6010B	12/08/06 16:05	mcampbell	Q19756
Sample Preparation:			2 g /		50 mL	3050B	12/08/06 7:30	jhoppel	P17007

Sample Comment(s):

BRL = Below Reporting Limit

J = Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Level II QC Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.

COC Group Number: G1206140
Date/Time Submitted: 12/6/06 9:30

Metals by ICP, method 6010B

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Arsenic	-0.0058	0.5	<0.25	mg/kg	Q19738
Barium	0.0185	0.5	<0.25	mg/kg	Q19738
Cadmium	0.0051	0.25	<0.125	mg/kg	Q19738
Chromium	0.0433	0.25	<0.125	mg/kg	Q19738
Lead	0.0255	0.25	<0.125	mg/kg	Q19738
Selenium	0.0351	0.5	<0.25	mg/kg	Q19738
Silver	0.0017	0.25	<0.125	mg/kg	Q19738

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
Arsenic	23.7059	25	mg/kg	95	80 - 120	Q19738
Barium	25.3606	25	mg/kg	101	80 - 120	Q19738
Cadmium	23.3241	25	mg/kg	93	80 - 120	Q19738
Chromium	25.4572	25	mg/kg	102	80 - 120	Q19738
Lead	24.0167	25	mg/kg	96	80 - 120	Q19738
Selenium	22.5124	25	mg/kg	90	80 - 120	Q19738
Silver	24.0168	25	mg/kg	96	80 - 120	Q19738

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
168008	Arsenic	185.798	24.51	mg/kg	98	75 - 125	Q19738
	Barium	200.323	24.51	mg/kg	103	75 - 125	Q19738
	Cadmium	25.1675	24.51	mg/kg	101	75 - 125	Q19738
	Chromium	41.6571	24.51	mg/kg	97	75 - 125	Q19738
	Lead	35.9205	24.51	mg/kg	102	75 - 125	Q19738
	Selenium	20.7477	24.51	mg/kg	101	75 - 125	Q19738
	Silver	25.0348	24.51	mg/kg	104	75 - 125	Q19738

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
168008	Arsenic	175.43	25	mg/kg	55 #	75 - 125	6	0 - 20	Q19738
	Barium	188.62	25	mg/kg	54 #	75 - 125	6	0 - 20	Q19738
	Cadmium	24.474	25	mg/kg	96	75 - 125	3	0 - 20	Q19738
	Chromium	41.157	25	mg/kg	93	75 - 125	1	0 - 20	Q19738
	Lead	33.535	25	mg/kg	90	75 - 125	7	0 - 20	Q19738
	Selenium	20.090	25	mg/kg	96	75 - 125	3	0 - 20	Q19738
	Silver	24.410	25	mg/kg	100	75 - 125	3	0 - 20	Q19738

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Level II QC Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.

COC Group Number: G1206140
Date/Time Submitted: 12/6/06 9:30

Metals by ICP, method 6010B

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Chromium	0.0288	0.25	<0.125	mg/kg	Q19756
Lead	0.0146	0.25	<0.125	mg/kg	Q19756

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
Chromium	26.53	25	mg/kg	106	80 - 120	Q19756
Lead	25.4623	25	mg/kg	102	80 - 120	Q19756

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
168059	Chromium	33.6576	25.253	mg/kg	105	75 - 125	Q19756
	Lead	38.6317	25.253	mg/kg	101	75 - 125	Q19756

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
168059	Chromium	31.469	25	mg/kg	97	75 - 125	7	0 - 20	Q19756
	Lead	37.263	25	mg/kg	97	75 - 125	4	0 - 20	Q19756

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Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.

COC Group Number: G1206140
Date/Time Submitted: 12/6/06 9:30

Volatile Organic Compounds by GC/MS, method 8260B

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
1,1,1,2-Tetrachloroethane	ND	5	<2.5	µg/kg	Q19772
1,1,1-Trichloroethane	ND	5	<2.5	µg/kg	Q19772
1,1,2,2-Tetrachloroethane	ND	5	<2.5	µg/kg	Q19772
1,1,2-Trichloroethane	ND	5	<2.5	µg/kg	Q19772
1,1-Dichloroethane	ND	5	<2.5	µg/kg	Q19772
1,1-Dichloroethene	ND	5	<2.5	µg/kg	Q19772
1,1-Dichloropropene	ND	5	<2.5	µg/kg	Q19772
1,2,3-Trichlorobenzene	ND	10	<5	µg/kg	Q19772
1,2,3-Trichloropropane	ND	5	<2.5	µg/kg	Q19772
1,2,4-Trichlorobenzene	ND	10	<5	µg/kg	Q19772
1,2,4-Trimethylbenzene	ND	10	<5	µg/kg	Q19772
1,2-Dibromo-3-chloropropane	ND	5	<2.5	µg/kg	Q19772
1,2-Dibromoethane (EDB)	ND	5	<2.5	µg/kg	Q19772
1,2-Dichlorobenzene	ND	10	<5	µg/kg	Q19772
1,2-Dichloroethane	ND	5	<2.5	µg/kg	Q19772
1,2-Dichloropropane	ND	5	<2.5	µg/kg	Q19772
1,3,5-Trimethylbenzene	ND	10	<5	µg/kg	Q19772
1,3-Dichlorobenzene	ND	10	<5	µg/kg	Q19772
1,3-Dichloropropane	ND	5	<2.5	µg/kg	Q19772
1,4-Dichlorobenzene	ND	10	<5	µg/kg	Q19772
2,2-Dichloropropane	ND	5	<2.5	µg/kg	Q19772
2-Chloroethyl vinyl ether	ND	10	<5	µg/kg	Q19772
2-Chlorotoluene	ND	10	<5	µg/kg	Q19772
2-Hexanone	ND	50	<25	µg/kg	Q19772
4-Chlorotoluene	ND	10	<5	µg/kg	Q19772
4-Methyl-2-pentanone (MIBK)	ND	10	<5	µg/kg	Q19772
Acetone	ND	20	<10	µg/kg	Q19772
Benzene	ND	3	<1.5	µg/kg	Q19772
Bromobenzene	ND	5	<2.5	µg/kg	Q19772
Bromochloromethane	ND	5	<2.5	µg/kg	Q19772
Bromodichloromethane	ND	5	<2.5	µg/kg	Q19772
Bromoform	ND	5	<2.5	µg/kg	Q19772
Bromomethane	ND	10	<5	µg/kg	Q19772
Carbon disulfide	ND	10	<5	µg/kg	Q19772
Carbon tetrachloride	ND	5	<2.5	µg/kg	Q19772
Chlorobenzene	ND	5	<2.5	µg/kg	Q19772
Chlorodibromomethane	ND	5	<2.5	µg/kg	Q19772
Chloroethane	ND	10	<5	µg/kg	Q19772
Chloroform	ND	5	<2.5	µg/kg	Q19772
Chloromethane	ND	10	<5	µg/kg	Q19772
cis-1,2-Dichloroethene	ND	5	<2.5	µg/kg	Q19772
cis-1,3-Dichloropropene	ND	5	<2.5	µg/kg	Q19772

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Level II QC Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.

COC Group Number: G1206140
Date/Time Submitted: 12/6/06 9:30

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Dibromomethane	ND	5	<2.5	µg/kg	Q19772
Dichlorodifluoromethane	ND	10	<5	µg/kg	Q19772
Ethylbenzene	ND	5	<2.5	µg/kg	Q19772
Hexachlorobutadiene	ND	15	<7.5	µg/kg	Q19772
Isopropyl ether (IPE)	ND	5	<2.5	µg/kg	Q19772
Isopropylbenzene	ND	10	<5	µg/kg	Q19772
m,p-Xylenes	ND	10	<5	µg/kg	Q19772
Methyl ethyl ketone (MEK)	ND	20	<10	µg/kg	Q19772
Methyl t-butyl ether (MTBE)	ND	5	<2.5	µg/kg	Q19772
Methylene chloride	ND	10	<5	µg/kg	Q19772
n-Butylbenzene	ND	15	<7.5	µg/kg	Q19772
n-Propylbenzene	ND	10	<5	µg/kg	Q19772
Naphthalene	ND	5	<2.5	µg/kg	Q19772
o-Xylene	ND	5	<2.5	µg/kg	Q19772
p-Isopropyltoluene	ND	15	<7.5	µg/kg	Q19772
sec-Butylbenzene	ND	15	<7.5	µg/kg	Q19772
Styrene	ND	5	<2.5	µg/kg	Q19772
tert-Butylbenzene	ND	20	<10	µg/kg	Q19772
Tetrachloroethene	ND	10	<5	µg/kg	Q19772
Toluene	ND	5	<2.5	µg/kg	Q19772
trans-1,2-Dichloroethene	ND	5	<2.5	µg/kg	Q19772
trans-1,3-Dichloropropene	ND	5	<2.5	µg/kg	Q19772
Trichloroethene	ND	5	<2.5	µg/kg	Q19772
Trichlorofluoromethane	ND	5	<2.5	µg/kg	Q19772
Vinyl chloride	ND	10	<5	µg/kg	Q19772

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
1,1-Dichloroethene	45.06	50	µg/kg	90	57 - 122	Q19772
Benzene	46.53	50	µg/kg	93	62 - 119	Q19772
Chlorobenzene	45.29	50	µg/kg	91	61 - 124	Q19772
Toluene	44.83	50	µg/kg	90	57 - 122	Q19772
Trichloroethene	49.03	50	µg/kg	98	59 - 129	Q19772

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
168060	1,1-Dichloroethene	25.94	50	µg/kg	52	44 - 140	Q19772
	Benzene	36.35	50	µg/kg	73	46 - 136	Q19772
	Chlorobenzene	35.98	50	µg/kg	72	47 - 135	Q19772
	Toluene	36.63	50	µg/kg	73	47 - 136	Q19772
	Trichloroethene	38.75	50	µg/kg	78	45 - 141	Q19772

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Attn: Kevin Buchanan
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Raleigh, NC 27615

Project ID: 500 E. Davis St.

COC Group Number: G1206140
Date/Time Submitted: 12/6/06 9:30

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
168060	1,1-Dichloroethene	23.26	50	µg/kg	47	44 - 140	11	0 - 23	Q19772
	Benzene	31.96	50	µg/kg	64	46 - 136	13	0 - 22	Q19772
	Chlorobenzene	31.09	50	µg/kg	62	47 - 135	15	0 - 22	Q19772
	Toluene	32.36	50	µg/kg	65	47 - 136	12	0 - 22	Q19772
	Trichloroethene	34.78	50	µg/kg	70	45 - 141	11	0 - 23	Q19772

Mercury by CVAA, method 7471A

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Mercury	-0.00792	0.02	<0.01	mg/kg	Q19775

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
Mercury	0.43654	0.398	mg/kg	110	80 - 120	Q19775

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
167754	Mercury	0.50399	0.401	mg/kg	124 #	80 - 120	Q19775

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
167754	Mercury	0.4746	0.39	mg/kg	120 #	80 - 120	6	0 - 20	Q19775

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Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.

COC Group Number: G1206140
Date/Time Submitted: 12/6/06 9:30

Semi-volatile Organic Compounds by GC/MS, method 8270C

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
1,2,4-Trichlorobenzene	ND	330	<165	µg/kg	Q19784
1,2-Dichlorobenzene	ND	330	<165	µg/kg	Q19784
1,3-Dichlorobenzene	ND	330	<165	µg/kg	Q19784
1,4-Dichlorobenzene	ND	330	<165	µg/kg	Q19784
2,4,5-Trichlorophenol	ND	330	<165	µg/kg	Q19784
2,4,6-Trichlorophenol	ND	330	<165	µg/kg	Q19784
2,4-Dichlorophenol	ND	330	<165	µg/kg	Q19784
2,4-Dimethylphenol	ND	330	<165	µg/kg	Q19784
2,4-Dinitrophenol	ND	330	<165	µg/kg	Q19784
2,4-Dinitrotoluene	ND	330	<165	µg/kg	Q19784
2,6-Dinitrotoluene	ND	330	<165	µg/kg	Q19784
2-Chloronaphthalene	ND	330	<165	µg/kg	Q19784
2-Chlorophenol	ND	330	<165	µg/kg	Q19784
2-Methylnaphthalene	ND	330	<165	µg/kg	Q19784
2-Methylphenol	ND	330	<165	µg/kg	Q19784
2-Nitrophenol	ND	330	<165	µg/kg	Q19784
3&4-Methylphenol	ND	330	<165	µg/kg	Q19784
3,3´-Dichlorobenzidine	ND	330	<165	µg/kg	Q19784
4,6-Dinitro-2-methylphenol	ND	330	<165	µg/kg	Q19784
4-Bromophenylphenylether	ND	330	<165	µg/kg	Q19784
4-Chloro-3-methylphenol	ND	330	<165	µg/kg	Q19784
4-Chlorophenylphenylether	ND	330	<165	µg/kg	Q19784
4-Nitrophenol	ND	330	<165	µg/kg	Q19784
Acenaphthene	ND	330	<165	µg/kg	Q19784
Acenaphthylene	ND	330	<165	µg/kg	Q19784
Anthracene	ND	330	<165	µg/kg	Q19784
Benzo(a)anthracene	ND	330	<165	µg/kg	Q19784
Benzo(a)pyrene	ND	330	<165	µg/kg	Q19784
Benzo(b)fluoranthene	ND	330	<165	µg/kg	Q19784
Benzo(g,h,i)perylene	ND	330	<165	µg/kg	Q19784
Benzo(k)fluoranthene	ND	330	<165	µg/kg	Q19784
Bis(2-chloroethoxy)methane	ND	330	<165	µg/kg	Q19784
Bis(2-chloroethyl)ether	ND	330	<165	µg/kg	Q19784
Bis(2-chloroisopropyl)ether	ND	330	<165	µg/kg	Q19784
Bis(2-ethylhexyl)phthalate	ND	330	<165	µg/kg	Q19784
Butylbenzylphthalate	ND	330	<165	µg/kg	Q19784
Chrysene	ND	330	<165	µg/kg	Q19784
Di-n-butylphthalate	ND	330	<165	µg/kg	Q19784
Di-n-octylphthalate	ND	330	<165	µg/kg	Q19784
Dibenzo(a,h)anthracene	ND	330	<165	µg/kg	Q19784
Dibenzofuran	ND	330	<165	µg/kg	Q19784
Diethylphthalate	ND	330	<165	µg/kg	Q19784

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.

COC Group Number: G1206140
Date/Time Submitted: 12/6/06 9:30

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Dimethylphthalate	ND	330	<165	µg/kg	Q19784
Fluoranthene	ND	330	<165	µg/kg	Q19784
Fluorene	ND	330	<165	µg/kg	Q19784
Hexachlorobenzene	ND	330	<165	µg/kg	Q19784
Hexachlorobutadiene	ND	330	<165	µg/kg	Q19784
Hexachlorocyclopentadiene	ND	330	<165	µg/kg	Q19784
Hexachloroethane	ND	330	<165	µg/kg	Q19784
Indeno(1,2,3-cd)pyrene	ND	330	<165	µg/kg	Q19784
Isophorone	ND	330	<165	µg/kg	Q19784
N-Nitrosodi-n-propylamine	ND	330	<165	µg/kg	Q19784
N-Nitrosodiphenylamine	ND	330	<165	µg/kg	Q19784
Naphthalene	ND	330	<165	µg/kg	Q19784
Nitrobenzene	ND	330	<165	µg/kg	Q19784
Pentachlorophenol	ND	330	<165	µg/kg	Q19784
Phenanthrene	ND	330	<165	µg/kg	Q19784
Phenol	ND	330	<165	µg/kg	Q19784
Pyrene	ND	330	<165	µg/kg	Q19784

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
1,2,4-Trichlorobenzene	1004.66	1670	µg/kg	60	39 - 98	Q19784
1,4-Dichlorobenzene	1014.67	1670	µg/kg	61	37 - 95	Q19784
2,4-Dinitrotoluene	1494.32	1670	µg/kg	90	56 - 128	Q19784
2-Chlorophenol	1046.36	1670	µg/kg	63	37 - 98	Q19784
4-Chloro-3-methylphenol	1346.23	1670	µg/kg	81	45 - 111	Q19784
4-Nitrophenol	1285.52	1670	µg/kg	77	20 - 157	Q19784
Acenaphthene	1325.88	1670	µg/kg	79	44 - 110	Q19784
N-Nitrosodi-n-propylamine	1130.42	1670	µg/kg	68	38 - 101	Q19784
Pentachlorophenol	1867.24	1670	µg/kg	112	53 - 127	Q19784
Phenol	1079.05	1670	µg/kg	65	34 - 102	Q19784
Pyrene	1688.45	1670	µg/kg	101	54 - 131	Q19784

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
168060	1,2,4-Trichlorobenzene	1212.191	1670	µg/kg	73	26 - 97	Q19784
	1,4-Dichlorobenzene	1270.153	1670	µg/kg	76	23 - 92	Q19784
	2,4-Dinitrotoluene	1528.314	1670	µg/kg	92	45 - 127	Q19784
	2-Chlorophenol	1232.511	1670	µg/kg	74	25 - 94	Q19784
	4-Chloro-3-methylphenol	1441.705	1670	µg/kg	87	31 - 113	Q19784
	4-Nitrophenol	1413.724	1670	µg/kg	85	17 - 150	Q19784
	Acenaphthene	1464.690	1670	µg/kg	88	36 - 107	Q19784
	N-Nitrosodi-n-propylamine	1308.461	1670	µg/kg	79	22 - 105	Q19784
	Pentachlorophenol	1951.032	1670	µg/kg	117	39 - 137	Q19784

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

12/19/06

Hart & Hickman
Attn: Kevin Buchanan
8601 Six Forks Rd.
Suite 400
Raleigh, NC 27615

Project ID: 500 E. Davis St.

COC Group Number: G1206140
Date/Time Submitted: 12/6/06 9:30

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
	Phenol	1262.158	1670	µg/kg	76	23 - 97	Q19784
	Pyrene	1652.231	1670	µg/kg	99	45 - 133	Q19784

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
168060	1,2,4-Trichlorobenzene	1334.21	1652	µg/kg	81	26 - 97	10	0 - 37	Q19784
	1,4-Dichlorobenzene	1355.01	1652	µg/kg	82	23 - 92	6	0 - 36	Q19784
	2,4-Dinitrotoluene	1569.68	1652	µg/kg	95	45 - 127	3	0 - 29	Q19784
	2-Chlorophenol	1381.77	1652	µg/kg	84	25 - 94	11	0 - 37	Q19784
	4-Chloro-3-methylphenol	1489.43	1652	µg/kg	90	31 - 113	3	0 - 32	Q19784
	4-Nitrophenol	1398.28	1652	µg/kg	85	17 - 150	1	0 - 32	Q19784
	Acenaphthene	1443.52	1652	µg/kg	87	36 - 107	1	0 - 32	Q19784
	N-Nitrosodi-n-propylamine	1482.16	1652	µg/kg	90	22 - 105	12	0 - 37	Q19784
	Pentachlorophenol	1968.95	1652	µg/kg	119	39 - 137	1	0 - 27	Q19784
	Phenol	1370.21	1652	µg/kg	83	23 - 97	8	0 - 42	Q19784
	Pyrene	1650.59	1652	µg/kg	100	45 - 133	0	0 - 27	Q19784

#-See Case Narrative

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PRISM LABORATORIES, INC.

Full Service Analytical & Environmental Solutions

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Phone: 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: 500 E. DAVIE STREET / RAL-001
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: _____
Address: _____

Purchase Order No./Billing Reference _____
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

Client Company Name: HART & HICKMAN, PC
Report To/Contact Name: KEVIN BUCHANAN
Reporting Address: 8601 Six Forks Rd SUITE 400 RALEIGH, NC 27615
Phone: 919847 4241 Fax (Yes) (No): _____
Email (Yes) (No) Email Address KBUCHANAN@HARTHICKMAN
EDD Type: PDF____ Excel____ Other_____
Site Location Name: 500 E. DAVIE STREET
Site Location Physical Address: RALEIGH, NC

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 1.1	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?			✓
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ USACE____ FL____ NC ✓
SC____ OTHER _____ N/A _____
Water Chlorinated: YES___ NO___
Sample Iced Upon Collection: YES ✓ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	8260	8270	pb/cr	RCRA METALS			REMARKS	PRISM LAB ID NO.
SB-5 (8-10')	12/4/06	1035	SOIL	CG	5	VARIES	VARIES	X	X	X					168059
SB-6 (4-6')	12/4/06	1125	SOIL	CG	5	VARIES	VARIES	X	X	X					168060
SB-9 (0-2')	12/4/06	1445	SOIL	CG	5	VARIES	VARIES	X	X	X					168061
SB-3 (2-4')	12/4/06	1500	SOIL	CG	5	VARIES	VARIES	X	X		X				168062
SB-2 (0-2')	12/4/06	1520	SOIL	CG	5	VARIES	VARIES	X	X		X				168063
SUMP-2	12/4/06	1320	SOIL	CG	5	VARIES	VARIES	X	X		X				168064
SUMP-3	12/4/06	1345	SOIL	CG	5	VARIES	VARIES	X	X		X				168065
SB-7 (2-4')	12/4/06	1610	SOIL	CG	5	VARIES	VARIES	X	X	X					168066
SB-10 (6-8')	12/5/06	0920	SOIL	CG	5	VARIES	VARIES	X	X	X					168067
SB-1 (7-8')	12/5/06	0945	SOIL	CG	5	VARIES	VARIES	X	X	X					168068

Sampler's Signature [signature] Sampled By (Print Name) KEVIN BUCHANAN Affiliation HART & HICKMAN

PRESS DOWN FIRMLY - 3 COPIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	Fedex-AirBill #8594-1819-7870	12/5/06	1830
Relinquished By: (Signature)	Received By: (Signature)	Date	
	[signature]		
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date	
	[signature]	12/6/06	930

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☒ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other _____
COC Group No. G120614B

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____

SEE REVERSE FOR TERMS & CONDITIONS

*CONTAINER TYPE CODES: A – Amber C – Clear G – Glass P – Plastic: TL – Teflon-Lined Cap VOA – Volatile Organics Analysis (Zero Head Space)

ORIGINAL

PRISM LABORATORIES, INC.

Full Service Analytical & Environmental Solutions

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Phone: 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2 QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: HART & HICKMAN, PC
Report To/Contact Name: KEVIN BUCHANAN
Reporting Address: 8601 SIX FORKS Rd, SUITE 400 RALEIGH, NC 27615
Phone: 919847 4241 Fax (Yes) (No): _____
Email (Yes) (No) Email Address KBuchanan@HARTHICKMAN
EDD Type: PDF___ Excel___ Other_____
Site Location Name: 500 E. DANIE STREET
Site Location Physical Address: RALEIGH, NC

Project Name: 500 E.DANIE STREET / RAL-001
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: _____
Address: _____

Purchase Order No./Billing Reference _____
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 1.1	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?			✓
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ USACE____ FL____ NC K
SC____ OTHER _____ N/A _____
Water Chlorinated: YES___ NO___
Sample Iced Upon Collection: YES___ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	8260	8270	pb/cr	PAH'S			REMARKS	PRISM LAB ID NO.
MW-2 (9-10')	12/5/06 ~~1125~~ KB	1125	SOIL	CG	5	VARIES	VARIES	X	X	X					168469
DUPLICATE	12/5/06	1130	SOIL	CG	5	VARIES	VARIES	X	X	X					168470
MW-3 (8-10')	12/5/06	1330	SOIL	CG	5	VARIES	VARIES	X	X	X					168471
MW-5 (8-10')	12/5/06	1445	SOIL	CG	5	VARIES	VARIES	X	X	X					168472
COAL BIN	12/5/06	1500	SOIL	CG	1	8 oz	—				X				168473
MW-4 (6-8)	12/5/06	1540	SOIL	CG	5	VARIES	VARIES	X	X	X					168474
SB-8 (0-2)	12/5/06	1605	SOIL	CG	5	VARIES	VARIES	X	X	X					168475

Sampler's Signature [signature] Sampled By (Print Name) KEVIN BUCHANAN Affiliation HART & HICKMAN

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Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	Fedex - AirBill # 8594-1819-7870	12/5/06	1830
Relinquished By: (Signature)	Received By: (Signature)	Date	
	[signature]		
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date	
	[signature]	12/6/06	9:30

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☒ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other _____
COC Group No. G12061408

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____

SEE REVERSE FOR TERMS & CONDITIONS

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

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