FILE

ASSESSMENT ACTIVITIES REPORT
PROGRESS ENERGY
DOWNTOWN DEVELOPMENT PROJECT
FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA

Prepared For:

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410 South Wilmington Street
PEB 8A
Raleigh, North Carolina 27601

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May 22, 2002

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Mid-Atlantic Job No. 0001215.01

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TABLE OF CONTENTS

EXECUTIVE SUMMARY i

1.0 INTRODUCTION 1

2.0 HISTORICAL REVIEW 1

- 2.1 Sanborn Fire Insurance Maps 1
- 2.2 City Directories 1
- 2.3 Aerial/Orthophotographs 1
- 2.4 Site Reconnaissance 1
- 2.5 Interviews 2
- 2.6 Review of Previous Environmental Documents 2
- 2.7 Public Environmental Records Review 2
- 2.8 Summary 3

3.0 ENVIRONMENTAL ASSESSMENT 4

- 3.1 Soil Assessment 4
  - 3.1.1 Field Activities 4
  - 3.1.2 Laboratory Chemical Test Results 5
  - 3.1.3 Summary 6
- 3.2 Groundwater Assessment 6
  - 3.2.1 Field Activities 7
  - 3.2.2 Laboratory Chemical Test Results 7
  - 3.2.3 Summary 8

4.0 GEOTECHNICAL ASSESSMENT 8

- 4.1 Field Activities 8
- 4.2 Subsurface Description 9
- 4.3 Preliminary Foundation Concepts 9

5.0 LIMITED ASBESTOS SURVEY 11

- 5.1 Field Activities 12
- 5.2 Laboratory Analytical Results 13
- 5.3 Summary of Limited Asbestos Survey 13

6.0 CONCLUSIONS AND RECOMMENDATIONS 13

7.0 QUALIFICATIONS OF THE REPORT 15

TABLE OF CONTENTS (CON'T.)

DRAWINGS

Drawing 2.1	Property Use Description Map
Drawing 2.2	Boring Location Map

TABLES

Table 2.1	Historical Property Use and Sampling Plan
Table 3.1	Summary of Organic Chemical Constituents Detected in Soil
Table 3.2	Summary of Chemical Constituents Detected in Soil
Table 3.3	Summary of Organic Chemical Constituents Detected in Groundwater Samples Collected in March 2002
Table 5.1	Summary of Asbestos Bulk Sample Analyses

APPENDICES

Appendix A	EDR Report
Appendix B	Direct Push Technology Derived Soil Boring Logs
Appendix C	Laboratory Reports and Chain-of-Custody Records for Soil Samples
Appendix D	Laboratory Reports and Chain-of-Custody Records for Groundwater Samples
Appendix E	Geotechnical Soil Boring Logs
Appendix F	Laboratory Reports and Chain-of-Custody Records for Asbestos Samples

EXECUTIVE SUMMARY

The project site consists of essentially the entire city block bounded by Wilmington Street, East Davie Street, South Blount Street and East Martin Street and the parking lot located at the southwest corner of the intersection of Wilmington Street and East Martin Street. Progress Energy Service Company, LLC contracted with Mid-Atlantic Associates to investigate the historical use of the project site, evaluate subsurface environmental conditions, obtain geotechnical data and obtain asbestos information at the project site. The evaluation was conducted in accordance with the procedures outlined in the "Assessment Activities Work Plan" dated February 19, 2002. Sampling procedures and analytical tests were conducted in accordance with United States Environmental Protection Agency (USEPA) and North Carolina Department of Environment and Natural Resources (NCDENR) regulations and protocols.

The salient results of the assessment are summarized below:

- Documentation was discovered that an underground fuel storage tank is located at the rear the Godwin Elevator Company building.
- Based upon the 42 soil borings, exceedances of soil-to-groundwater maximum soil contaminant concentrations (MSCC) established by NCDENR were noted at two locations for volatile and semi-volatile organic compounds, three locations for mercury and three locations for chromium (See Drawing 2.2) .
- Groundwater collected at four locations on the project site exhibited chemicals in concentrations that exceed North Carolina Groundwater Quality Standards (NCGQS, 15A NCAC 2L .0202). These chemicals included benzene, chloroform, 1,2 dichloroethane and naphthalene.
- Twenty-four building material samples tested positive for the presence of asbestos.
- Two geotechnical borings were advanced at the project site and determined that the depth to auger refusal at these locations was 45 to 76 feet below land surface.

Reporting and remediation obligations are imposed based upon these findings.

1.0 INTRODUCTION

The project site consists of essentially the entire city block bounded by Wilmington Street, East Davie Street, South Blount Street and East Martin Street and the parking lot located at the southwest corner of the intersection of Wilmington Street and East Martin Street. Progress Energy is considering the purchase of the project site. As a part of the preliminary evaluation of the project site, Progress Energy contracted with Mid-Atlantic Associates (Mid-Atlantic) to investigate the historical use of the project site, evaluate subsurface environmental conditions, obtain geotechnical data and obtain asbestos information at the project site.

2.0 HISTORICAL REVIEW

A review of the historical use of the project site was conducted prior to commencing with intrusive field assessment activities. The sources of information used in the historical review are described below. A summary of the noteworthy past uses of the project site is offered in Table 2.1 and shown on Drawing 2.1. The past uses of interest include automobile repair facilities, a filling station, a chemical company, a laboratory and agricultural supply facilities.

2.1 Sanborn Fire Insurance Maps

Copies of salient portions of Sanborn Fire Insurance maps were obtained from North Carolina Archives and Mr. Tim Silar of Progress Energy. The maps that were reviewed are from the years 1884, 1888, 1896, 1903, 1909, 1914, 1950 and 1972.

2.2 City Directories

Copies of salient portions of historical City of Raleigh Business Directories were obtained from North Carolina Archives. The directories that were reviewed are from years 1910, 1920, 1930, 1940, 1950, 1960, 1970, 1980, 1990 and 2000.

2.3 Aerial/Orthophotographs

Aerial photographs with coverage of the project site were obtained from the North Carolina Department of Transportation. The photographs were taken in 1964, 1968, 1970, 1974, 1978, 1981 and 1989. Copies of orthophotographs of the subject property were obtained the Wake County Geologic Information System for the years 1958, 1974, 1981, 1988 and 1999.

2.4 Site Reconnaissance

Site reconnaissance was conducted in two phases. The initial phase, conducted on January 22, 2002 by Mr. Dan Nielsen and Mr. Ryan Miller of Mid-Atlantic, was limited to areas outside on-site structures. After permission was obtained to access First Citizens

Bank owned structures, the second phase of reconnaissance was conducted (March 4, 2002). Mr. Darin McClure and Mr. Dan Nielsen of Mid-Atlantic conducted the second phase reconnaissance. During the second reconnaissance, Mr. Tim Silar and representatives of the tenants in the on-site structures escorted Mr. McClure and Mr. Nielsen.

2.5 Interviews

On March 4, 2002 Mr. Darin McClure, Mr. Dan Nielsen and Mr. Tim Silar interviewed personnel from First Citizens Bank. The interviewees were Mr. Gary Williams, Mr. Alex MacFadyen and Mr. Graham Kennedy.

2.6 Review of Previous Environmental Documents

Mr. Gary Williams provided Mid-Atlantic with document files associated with the project site. These files did not contain exclusively environmentally related information. The files provided were labeled:

Raleigh/Wilmington St. Building
Terry's Furn. Raleigh
313 S. Blount St. Raleigh, NC
Raleigh – Warehouse
Raleigh Downtown Prk. Lot
Raleigh Downtown Parking Lot

In addition, Ms. Lisa Cooper of Progress Energy provided a "Report of Limited Building Survey to Identify Friable Asbestos-Containing Materials" for the Old FCX Building dated December 21, 1988 and authored by Law Engineering. The Old FCX Building was formerly located near the corner of East Davie Street and South Blount Street.

2.7 Public Environmental Records Review

Mid-Atlantic engaged Environmental Data Resources, Inc. (EDR) to conduct an environmental records review for the project site and surrounding areas. The January 23, 2002 report of EDR's findings is included in Appendix A. The project site did not appear on any of the lists reviewed by EDR. The EDR list review also identified one small quantity generator and seven underground storage tanks within 1/8 mile of the project site. The EDR list also identified 21 leaking underground storage tanks with ½ mile of the project site.

Mid-Atlantic reviewed the incident list (dated February 22, 2002) compiled by the North Carolina Department of Environment and Natural Resources. The project site was not on this list. On March 1, 2002, Eric Aufderhaar of Mid-Atlantic reviewed the Spill and Emergency Response database maintained by Wake County Emergency Management. The project site was not listed in this database.

2.8 Summary

The review of the Sanborn maps and the City Directories provided information regarding past use and past occupants of the project site. This information is summarized in Table 2.1.

A pipe was observed emerging from the pavement directly adjacent to eastern portion of the Godwin Elevator building (Drawing 2.1). The pipe was capped with a vent fitting. The pipe appeared to be a vent pipe often associated with underground storage tanks (USTs). Another pipe was observed in the crawl space located beneath the loading dock at the eastern end of the Godwin Elevator building. This pipe extended from the floor of the loading dock vertically downward through the crawl space and into the ground. It appears that the pipe may have been used as a fill pipe for a UST. Additionally, a small boiler was observed in the basement of the Godwin Elevator building adjacent to the suspect fill and vent pipes. It appears that an underground storage tank, which may have been used to fuel the boiler, was and likely still is located under the loading dock. Lastly, a deed provided by Progress Energy identifies the presence of an underground storage tank at 327 South Wilmington Street. This address corresponds to one of the buildings currently used by Godwin Elevator Company.

The site reconnaissance for building interiors was conducted on March 4, 2002. The buildings Mid-Atlantic had access to were the buildings owned by First Citizens Bank. The building not entered and not included as a part of this environmental assessment are noted as parcel numbers 3446, 3495, 3883, and 3860 on Drawing 2.2. The building on parcel 3777 had been demolished at the time of our site visit with only the storefront remaining. The buildings entered were used for office space and storage. During the walk through, approximately six drums of hydraulic oil were observed in the Godwin Elevator Company warehouse. This oil is used to service elevators and was labeled as to its contents.

The interviews conducted with select First Citizen Bank officials did not reveal awareness on the part of the interviewees with respect to environmental liabilities associated with the project site. The documentation provided by First Citizens Bank contained materials that were not related to environmental issues beyond those associated with landscaping.

The records searches conducted by Mid-Atlantic and EDR did not identify the project site in the records. Several nearby properties, including properties on which un-permitted discharges have occurred, were identified in the EDR report. There is the potential that a release from one of these off site sources could impact the project site. However, since responsible parties have been identified for these off-site sources, it appears unlikely that Progress Energy would bear the responsibility of addressing these issues.

3.0 ENVIRONMENTAL ASSESSMENT

Based on the results of our historical review of the subject site, a soil and groundwater sampling plan was developed for the site. The details of this assessment are outlined in the following sections.

3.1 Soil Assessment

Mid-Atlantic conducted an assessment to evaluate subsurface soil conditions at the subject site. The objective of the assessment was to test vadose zone soil for the presence of contaminants typically associated with historical use of portions of the subject site. Table 2.1 identifies the historical use of the site and includes the tests conducted on soil samples collected at each location. Soil samples collected from each location, with two exceptions, were tested for volatile (EPA Method 8260B) and semi-volatile (EPA Method 8270) organic compounds. These tests will identify a spectrum of compounds that are often associated with petroleum fuels and solvents. The two locations where these tests were not conducted were at the historic location of an agricultural supply facility. At this location, two soil samples (GP-15 and GP-16) were tested for the presence of herbicides (EPA Method 8151) and pesticides (EPA Method 8081). In addition, 12 borings were located in four areas where automobile repair reportedly occurred in the past. The soil samples collected from these locations were also tested for the presence of eight RCRA metals (EPA Methods 6010B and 7471), since metal contamination is often related to automobile repair and maintenance activities. The soil samples collected from four soil borings located at sites historically used as a chemical company and as a laboratory were also tested for the presence of the eight RCRA metals.

3.1.1 Field Activities

Field activities were initiated on March 4, 2002 by identifying the proposed locations of the 41 soil borings, as recorded in the "Assessment Activities Work Plan" dated February 19, 2002. These boring locations, totaling 41, were identified by marking and labeling the locations with high visibility orange paint. The locations of the soil borings are illustrated on Drawing 2.2.

On March 5, 2002 Mid-Atlantic personnel accompanied personnel from KCI, Associates to conduct utility clearance activities in the vicinity of each marked boring location. Based on the utility clearance findings, the boring locations were either confirmed, or modified sufficiently to avoid subsurface utilities.

The subsurface soil evaluation started on March 6, 2002. These activities continued on the following days: March 7, 8, 12, 13, 14 and 20, 2002. The soil samples were collected using direct push technology (DPT). This tool was provided by and operated by Regional Probing Services as a subcontractor to Mid-Atlantic Associates.

The use of DPT enables soil to be sampled on a continuous basis from land surface to boring termination (typically at depth of groundwater). The samples are collected in an acetate sleeve and retrieved at five-foot intervals. Each soil filled sleeve was brought to the surface and cut open for evaluation. The soil was visually classified with regard to soil color and soil type. Portions of each sample were screened using a Toxic Vapor Analyzer (TVA) for the presence of volatile organic compounds. Based upon the visual evaluation and the TVA screening results from a boring in its entirety, one soil sample was selected for laboratory testing. Details related to soil sample collection, evaluation and preparation for laboratory testing are provided in the previously submitted "Assessment Activities Work Plan". The soil classifications and TVA readings are provided in the boring logs contained in Appendix B.

During the execution of field activities, Mr. Tim Silar of Progress Energy added one soil boring to the planned regime. This addition boring is identified as Boring 42 and was located in the parking lot located at the southwest corner of the intersection of Wilmington Street and East Martin Street (Drawing 2.2).

3.1.2 Laboratory Chemical Test Results

One soil sample was selected from each soil boring and sent, following chain of custody protocol, to Paradigm Analytical Laboratories in Wilmington, North Carolina. The analyses conducted for each sample is identified in Table 2.1. The laboratory test reports for the soil samples collected and analyzed at the laboratory are included in Appendix C.

Organic compounds were detected in samples collected from four of the soil samples analyzed in the laboratory. A summary of detected organic compounds from the four soil samples is offered in Table 3.1. Organic compounds at two of these four locations, GP-26 and GP-31, were detected in concentrations that exceed the Soil-to-Groundwater Maximum Soil Contaminant Concentrations (MSCC). The soil sample collected from GP-26 was collected from a depth of approximately 10 feet below land surface (BLS) and the sample from GP-31 was collected five feet BLS. The Soil-to

Groundwater MSCC is the maximum permissible concentration of a compound that may be present in soil and not cause an exceedance of North Carolina Groundwater Quality Standards (NCGQS) as defined by the North Carolina Department of Environment and Natural Resources (NCDENR), Groundwater Section. Concentrations that exceed MSCC represent a reportable concentration. Residential and Industrial / Commercial MSCCs are available for use at sites where releases are from petroleum USTs.

Soil samples collected from soil borings that were located in areas that historically were used for automotive repair were tested for the presence of RCRA metals. Soil collected from three borings, GP-28, GP-29 and GP-32, exhibited chromium in excess of the Soil-to-Groundwater MSCC (Table 3.2). These three soil borings are clustered in the south central portion of the project site. The samples were collected from approximately five feet BLS in two of the borings (GP-29 and GP-32) and 25 feet BLS in boring GP-28. Mercury was detected in soil collected from borings GP-7, GP-23 and GP-31 at concentrations that exceed the Soil-to-Groundwater MSCC for Mercury (Table 3.2). These borings are scattered around the project site and the soil samples were collected approximately five feet BLS.

3.1.3 Summary

Volatile and/or semi-volatile organic compounds were detected in soil samples collected from four soil borings at the project site. At two locations (GP-26 and GP-31) the concentrations of the organic compounds exceed the Soil-to-Groundwater MSCC. The source of the organic compounds is uncertain, however, GP-26 is located in the vicinity of a former 'filling station' (Sanborn Map, 1950).

Chromium was detected in excess of the Soil-to-Groundwater MSCC in soil samples collected in three soil borings. These borings (GP-28, GP-29 and GP-32) are located in proximity to each other and in an area where automobile repairs took place. Chromium at elevated concentrations may be caused by the discharge of waste motor oil.

Mercury was detected at a concentration that exceeds Soil-to-Groundwater MSCC in three soil samples collected from borings located across the site (GP-7, GP-23 and GP-31).

3.2 Groundwater Assessment

Groundwater assessment activities took place concurrently with the soil assessment activities. The objective of the groundwater assessment was to evaluate groundwater quality at the project site. Based on the historical use of the project site, the assessment targeted compounds typically associated with petroleum fuels and solvents. As described in the "Assessment Activities Work Plan", the DPT borings at six locations

were extended to intercept the water table to facilitate groundwater sample collection. In addition, the Plan called for the collection of up to four additional groundwater samples if site conditions warrant. Based on conditions encountered during field activities, one additional groundwater sample (GP-35) was collected (totaling seven samples).

3.2.1 Field Activities

The groundwater samples were collected from the DPT soil borings by constructing temporary wells in the boreholes after soil sample collection. Typically the boreholes were terminated at a depth estimated to be seven feet below the water table. All down hole equipment was removed and a 1-inch diameter schedule 40 PVC casing and 10 feet of 0.010-inch slot well screen was inserted in the borehole. Number 2 sand was poured into the annular space between the borehole and the PVC casing/screen to an elevation approximately one foot above the top of the screen. A one-foot thick bentonite seal was place in the annular space above the sand pack.

Prior to collecting the groundwater sample from the well, the equivalent of three well volumes was purged from the well. Purging and sample retrieval was conducted using a peristaltic pump equipped with new Teflon tubing. After the groundwater sample was collected, the casing and screen were removed and disposed. The borehole was backfilled with bentonite to an elevation above the estimated depth of the water table. The remainder of the borehole was backfilled with a slurry grout to land surface.

As indicated in Table 2.1, groundwater sampling was conducted at seven locations. The groundwater at each of these locations was analyzed by EPA Methods 601 (chlorinated volatile organic compounds), 602 (volatile organic compounds) and 625 (semi-volatile organic compounds). Sample collection, handling and chain of custody details were provided in the "Assessment Activities Work Plan".

3.2.2 Laboratory Chemical Test Results

The laboratory test reports for the groundwater samples collected and analyzed at the laboratory are included in Appendix D. Organic compounds were detected in four (GP-1, GP-4, GP-19 and GP-26) of the seven groundwater samples collected at the project site. The detected compounds are summarized in Table 3.3. At each of these locations, at least one compound was detected at a concentration in excess of its respective NCGQS which are established in 15A NCAC 2L .0202.

Benzene and/or naphthalene were detected in groundwater collected from GP-4, GP-19 and GP-26 at concentrations that exceed their NCGQS. The location for GP-26 is proximal to a former 'filling station' (Sanborn Map, 1950) and location GP-19 is near an area historically used for automobile repair. The area near GP-4 was used as a cabinet shop in the past.

3.2.3 Summary

During the course of this groundwater investigation, seven groundwater samples were collected. Organic compounds were detected in four of the groundwater samples and at least one compound was detected at each of these locations in a concentration that exceeds NCGQS. Compounds detected in the groundwater at GP-4, GP-19 and GP-26 are often contained in petroleum fuels and solvents.

4.0 GEOTECHNICAL ASSESSMENT

Mid-Atlantic subcontracted Titan Atlantic Group to conduct geotechnical drilling activities and preliminary geotechnical analyses of the subsurface conditions at the project site. The objective of the geotechnical evaluation was to identify the depth to auger refusal and provide an overview of potential foundation alternatives. Barney C. Hale, PE of Titan Atlantic Group developed the follow discussion.

4.1 Field Activities

Two geotechnical borings (G-1 and G-2) were drilled at the site on March 7, 2002, at the approximate locations shown on Drawing 2.2. The borings were performed with a CME 550 drilling rig using rotary wash drilling procedures and a tri-cone bit. At 2.5 to 5 feet intervals, soil samples were collected by driving a 2-inch O.D. split-spoon sampler in general accordance with ASTM D-1586. In this procedure, the sampler is first seated 6 inches to penetrate soil disturbed by the drilling process and then driven an additional 12 inches by blows from a 140-pound hammer with a 30-inch free drop. The number of blows required to drive each 6-inch interval is recorded on the test boring logs. The sum of the blows needed to drive the sampler the last 12 inches is designated as the standard penetration resistance value and reflects the relative density of granular soils or the consistency of cohesive soils. For very dense or hard materials, 50 blows of the sampler can produce less than 6 inches of penetration. In these cases, driving of the sampler is terminated and the penetration value is reported as 50 blows for the measured penetration.

The use of a drilling fluid precluded the direct measurement of groundwater levels in the geotechnical borings. As a result, groundwater levels were estimated on the basis or relative soil moisture contents and observations from the Geoprobe borings performed for the environmental assessment of the site.

At completion of the drilling operations at each boring, the open boreholes were backfilled with a cement / bentonite grout.

4.2 Subsurface Description

The undisturbed subsurface soils in the Raleigh area are residual materials derived from the in-place weathering of the parent rock. The bedrock beneath downtown Raleigh typically consists of biotite gneiss and schist intruded by dikes and sills of granite. The gneiss and schist contain varying proportions of "mica" minerals. The soils near the ground surface consist primarily of silt and clay due to the more complete degree of weathering. With increasing depth, weathering decreases and the residual soil transitions into sandy silt and silty sand. With a further decrease in weathering, residual materials become more like the original rock in terms of hardness and density. Residual materials that exhibit standard penetration resistance values in excess of 100 blows per foot are termed for engineering purposes as "partially weathered rock". Due to variations in the original rock composition and the weathering process, the depth to partially weathered rock can vary significantly across a site.

Based on the borings, for which boring logs are contained in Appendix E, soil fill has been placed in a portion of the site. Stiff, silty clay fill is present from the current ground surface to a depth of 5.5 feet in the vicinity of Boring G-1. The residual soils at the site consist of stiff to very stiff silty clay in the upper portion of the subsurface profile. Below a depth of 12 feet at both boring locations, the residual soils transition into firm to stiff sandy silt and loose to very dense silty fine to coarse sand. Materials hard enough to classify as partially weathered are present at a depth of 32 feet in Boring G-1 and a depth of 67 feet in Boring G-2.

Based on relative soil moisture contents from both the geotechnical and the environmental borings, groundwater is estimated to occur at a depth of 20 to 28 feet below the existing ground surface.

4.3 Preliminary Foundation Concepts

Low to mid-rise structures (4 to 5 stories) can be supported on shallow foundations bearing on the undisturbed residual soil or approved soil fill. A design bearing pressure of 3,000 to 4,000 pounds per square foot can be utilized for low to moderate structural loads without creating excessively large footings or settlements.

High-rise structures will likely require a deep foundation system due to the heavier column loads associated with these types of buildings. Steel H-piles and drilled piers have both been used for larger buildings in the downtown Raleigh area. In 2001, DeWaal piles were used for the first time in Raleigh and proved to an effective foundation alternative. DeWaal piles are a proprietary foundation system that can be best described as an augered, cast-in-place, displacement pile.

Steel piles and drilled piers would be expected to extend into the partially weathered rock zone with tip depths ranging from 37 to 72 feet below the current ground surface. DeWaal piles would be expected to terminate in very stiff / very dense residual soils or partially weathered rock with tip depths on the order of 35 to 40 feet below the current ground surface. Deviations from these bearing depths are possible in areas of the site that have not yet been explored with geotechnical borings.

Steel HP 12X53 piles driven to the partially weathered rock would be expected to develop axial compressive capacities of 80 to 95 tons per pile. DeWaal piles with a 16-inch diameter and bearing on very stiff / very dense residual soils or partially weathered rock would be expected to develop compressive capacities of 80 to 100 tons per pile. Drilled piers bearing in the partially weathered rock should initially be sized for an end bearing pressure of 20 tons per square foot. Some of the advantages and disadvantages of these foundation options are listed below.

Steel pile advantages:
- a) able to withstand hard driving
- b) piles can be cut or spliced to accommodate variations in bearing depth
- c) installation produces minimal soil cuttings

Steel pile disadvantages:
- a) potential for higher costs tied to steel prices
- b) noise associated with driving (vibrations will be minimal)
- c) require on-site storage space and material handling
- d) two magnitudes of lateral resistance based on orientation of lateral load to the "strong" or "weak" axis of the pile
- e) require a pile cap to transition to the structural frame

DeWaal pile advantages:
- a) can develop capacities equivalent to steel piles but at potentially shorter lengths
- b) potential for materials and installation cost lower
- c) installation produces minimal soil cuttings
- d) can easily accommodate variations in bearing depth
- e) installation by drilling rather than driving reduces noise
- f) requires minimal site storage space

DeWaal piles disadvantages:
- a) as a proprietary system, these foundations will not be competitively bid
- b) reinforcing steel necessary to develop overturning moment or lateral resistance at the top of the pile can be difficult to install
- c) require a pile cap to transition to the structural frame

Drilled pier advantages:

a) can easily accommodate variations in bearing depth
b) can penetrate further into weathered rock if necessary to develop additional compressive capacity
c) can develop higher lateral and overturning moment resistance than piles
d) the actual bearing conditions in the bottom of the shaft can be observed and inspected
e) structural columns can be supported directly on the piers thereby eliminating pile caps at columns locations

Drilled pier disadvantages:

a) installation produces a large amount of soil cuttings that must be removed or disposed on-site
b) groundwater pumped from open shaft excavation must be discharged to the ground surface or storm water system (both a and b can be problematic if there is concern about soil or groundwater contamination)
c) groundwater intrusion and destabilization of the partially weathered rock due to hydrostatic pressures can lead to difficulties in achieving adequate bearing conditions and the need to go deeper with the pier tip to reach harder, more competent rock. These potential difficulties are generally addressed through the use of temporary casing while the shaft is being excavated and filled with concrete. Both borings also indicate material hard enough to present tri-cone bit refusal is available within a reasonable depth of the top of the partially weathered rock zone.

5.0 LIMITED ASBESTOS SURVEY

Mr. Darin McClure and Mr. Drew Dunklee performed a limited asbestos survey of the on-site structures on March 6, 2002. The objective of our scope of services was to identify major classes of asbestos-containing material (ACM) present in the facilities. This survey consisted of a walk-through of the facilities and analysis of samples of suspected ACM.

5.1 Field Activities

On March 6, 2002, 53 samples were collected from readily accessible, representative materials at the subject site. Suspect samples were collected from floor tile and mastic, cove base and mastic, linoleum flooring, thermal system insulation, vibration damper material, roof flashing, ceiling tile, sprayed-on ceiling finish, step pad, and wallboard system. The locations of the samples and a description of the materials sampled are summarized in Table 5.1. No attempt was made to disassemble equipment or demolish structural or finish materials. In addition, Mid-Atlantic was not provided with building drawings for the facilities. Therefore, wall voids, building cavities, mechanical parts, and locked storage units were not evaluated/sampled and may contain unreported ACM. Mid-Atlantic could not access the roof of the building currently occupied by Isaac's Mens Store. With the exception of roof flashing sampled from the roof of the Godwin Elevator/warehouse facility, roofing materials were not sampled as this may have invalidated the roof warranty and/or compromised roof integrity.

Sampled materials were analyzed using Polarized Light Microscopy (PLM) coupled with dispersion staining. PLM is the EPA-recommended method for bulk sample analysis and utilizes the unique optical and crystallographic properties of the various constituents of the samples. These properties (refractive indices, birefringence, sign of elongation and extinction angle) are characteristically unique to each asbestos form and, therefore, can be used to identify asbestos types present in the samples.

The National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations clarify the analytical procedures for determining the percent of asbestos in bulk samples to permit the use of visual area estimation. The regulations also state that regulated ACM (materials which are friable or may become friable) should be further analyzed by point counting when the results indicate less than 10 percent asbestos by visual area estimation. This is non-mandatory if the owner/operator elects to assume that the amount of asbestos in a material is greater than one percent, regardless of the amount determined by visual estimation, and the material is treated as asbestos containing. The laboratory used for this survey (Carolina Environmental, Inc.) utilizes area estimation on a routine basis and does not include point counting unless specifically requested.

Vinyl floor tile, roofing materials and other resinously-bound materials, when analyzed by the PLM method, may yield false negative results because of limitations in separating closely bound fibers and in detecting asbestos fibers of small length and diameter. When a definitive result is required, Mid-Atlantic recommends utilizing alternative methods of identification such as Transmission Electron Microscopy (TEM).

5.2 Laboratory Analytical Results

Asbestos was detected in 45% of the samples collected at the site. Asbestos was detected in samples of floor tile and mastic, cove base and mastic, linoleum floor covering, mastic on certain air handling equipment, thermal system insulation, wallboard system, sprayed-on ceiling finish and roof flashing and tar. The analytical results are summarized in Table 5.1. A copy of the Carolina Environmental, Inc. Asbestos Bulk Analysis Report is included in Appendix F.

5.3 Summary of Limited Asbestos Survey

If the subject facilities are to be demolished, Mid-Atlantic recommends that the ACM in the facilities be removed by a qualified asbestos abatement contractor. Wallboard systems that contain less than one percent asbestos do not have to be treated as asbestos-containing materials. The samples of wallboard system collected during this investigation did not contain greater than one percent asbestos. Several samples of cove base and mastic contained less than one percent asbestos when analyzed as a composite. It may be necessary to collect additional samples of this material in order to properly characterize it for demolition and disposal.

Mid-Atlantic observed several fire doors in these facilities. These fire doors were not sampled as these activities may have compromised the fire rating of the doors. However, based on the age of the facilities and our experience with these doors, we recommend that these doors be disposed of as asbestos containing material.

Mid-Atlantic sampled the roof flashing and tar at several areas of the warehouse building. Mid-Atlantic did not collect core samples of the roofing materials as this may have compromised the roof's integrity. Since asbestos was detected in several samples of roof flashing and based on the age of these buildings, Mid-Atlantic recommends that the roofing materials on each roof be treated as asbestos-containing material. Additional sampling, including roof cores, should be conducted prior to demolition activities to properly characterize the roofing materials for demolition and disposal.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the assessment activities conducted as described above, Mid-Atlantic provides the following summary of conclusions:

- It appears likely that an UST(s) is located behind the Godwin Elevator Company building.

- Four soil samples contained detectable concentrations of these compounds and at two locations the concentration of these compounds exceeded Soil-to-Groundwater MSCCs.
- Three Soil samples exhibited chromium at concentrations that exceed the Soil-to-Groundwater MSCC for chromium and three other soil samples exhibited mercury at concentrations that exceed the Soil-to-Groundwater MSCC for mercury.
- Organic compounds were detected in groundwater in excess of NCGQS at four of the seven sampling locations.
- Twenty-four building materials samples tested positive for the presence of asbestos. The asbestos was present in thermal insulation, flooring, mastic, plaster and roofing materials.
- Two geotechnical borings were advanced at the project site and determined that the depth to auger refusal at these locations was 45 to 76 feet BLS. This refusal depth and the unconsolidated soil encountered above refusal are typical of the downtown area and are conducive to the construction of a wide variety of building foundations.

This assessment was primarily designed to check for the presence of compounds that may impose an environmental concern in various media located at the project site. As documented in this assessment, compounds were detected in soil and groundwater at concentrations that exceed regulatory standards. In addition, asbestos is present in some building materials on the project site.

Based upon our interpretation of the data collected during this assessment, Mid-Atlantic offers the following recommendations:

- Notify NCDENR that compounds have been detected in the soil at the project site at concentrations that exceed MSCCs. This notification is typically performed by the property owner or its representative.
- Notify NCDENR that compounds have been detected in the groundwater at the project site at concentrations that exceed NCGQS as required in 15A NCAC 2L .0106(c). This notification is typically performed by the property owner or its representative.
- Confirm the presence/absence of the suspect UST near the Godwin Elevator Company. If present, close the UST in accordance with 15A NCAC 2N .0800 requirements.
- Conduct remedial activities of soil and groundwater which exceed standards and perform additional assessment to ascertain the source and extent of the impacted soil and groundwater encountered during this assessment.
- Remove and properly dispose ACM prior to demolition of structures in accordance with 15A NCAC 19C .0600.

- After details of site development plans materialize, conduct a design plan specific geotechnical evaluation of the project site.

7.0 QUALIFICATIONS OF THE REPORT

This report is intended for the exclusive use of Progress Energy Services Company and Carolina Power and Light and should only be relied upon in its entirety. The opinions included herein are based on our experience and the information obtained during the study. This report is based on limited observations made on the dates noted using the procedures described herein and should not be relied upon to represent site conditions on other dates. If additional information becomes available after the date of this report, Mid-Atlantic reserves the right to review the information, reassess the potential environmental concerns and modify our conclusions and recommendations, if appropriate.

Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar conditions, by reputable environmental consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional information included in this report.

DRAWINGS

TABLES

TABLE 2.1
HISTORICAL PROPERTY USE AND SAMPLING PLAN
DOWNTOWN DEVELOPMENT PROJECT - FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO. 000R1215.01

Boring Identification	Selection Explanation	Information Source	Test Methods	
			Soil	Groundwater
1	Former bank building, potential UST	GIS, San, CD	8260/8270	601/602/625
2	Four Buildings, potential USTs	GIS, San, CD	8260/8270	
3, **4**	Cabinet Shop	San, CD	8260/8270	601/602/625
5, 6	Dry Cleaner, Furniture	San, CD	8260/8270	
7, 8	Chemical Company, Furniture	San, CD	8260/8270 RCRA Metals	
9, **10**	Laboratory	San, CD	8260/8270 RCRA Metals	601/602/625
11, 12	Printer, Furniture	San, CD	8260/8270	
13, 14	Printer, Battery storage, Furniture	San, CD	8260/8270	
15, 16	Farm Supplies	San, CD	8151/8081	
17	Furniture Repair	San	8260/8270	
18, **19**	Auto Repair & Welding, Clothing Manufacturer	San, CD	8260/8270 RCRA Metals	601/602/625
20	Steam Laundry, Auto Company	CD	8260/8270	
21, 22	Printing	CD	8260/8270	
23, 24	Auto Repair, Printing	CD	8260/8270 RCRA Metals	
25, **26**	Auto Repair, Filling Station, Electric Re-winding	CD	8260/8270 RCRA Metals	601/602/625
27, **28**, 29, 30, 31, 32	Auto Repair, Tire Re-treading, Printer	CD	8260/8270 RCRA Metals	601/602/625
33	Debris Pile	NCDOT	8260/8270	
34	Furniture	CD	8260/8270	
35	Vent Pipe	Walk Over	8260/8270	601/602/625
36, 37	Agricultural Implements, Elevator Company	San, CD, Walk Over	8260 & 8270	
38, 39	Paint Shop	CD	8260 & 8270	
40, 41	Agricultural Implements	San, CD	8260 & 8270	

GIS = Wake County Geographic Information System orthophotograph
UST = Underground Storage Tank
San = Sanborn Fire Insurance Maps
CD = Raleigh City Directory
NCDOT = North Carolina Department of Transportation
Walk Over = Site reconnaissance conducted January 22, 2002
Bold = Boring from which groundwater sample was collected

8260 volatile organic compounds
8270 semi-volatile organic compounds
601 chlorinated volatile organic compounds
602 volatile organic compounds
625 semi-volatile organic compounds

TABLE 3.1
SUMMARY OF ORGANIC CHEMICAL CONSTITUENTS DETECTED IN SOIL SAMPLES COLLECTED IN MARCH 2002
DOWNTOWN DEVELOPMENT PROJECT - FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO. 000R1215.01

CHEMICAL CONSTITUENT	ANALYTICAL METHOD	CONCENTRATION (mg/Kg)				MAXIMUM SOIL CONTAMINANT CONCENTRATIONS (mg/Kg)		
		GP-4-10	GP-26-10	GP-31-5	GP-41-15	Soil-To-Groundwater	Residential*	Industrial / Commercial*
Acenaphthene	8270	BQL	BQL	3	BQL	8	940	24,000
Anthracene	8270	BQL	BQL	3.6	BQL	995	4,600	122,000
Benzo[a]anthracene	8270	BQL	BQL	4.3	BQL	0	1	8
Benzo[a]pyrene	8270	BQL	BQL	3.7	BQL	1	0.088	8
Benzo[b]fluoranthene	8270	BQL	BQL	4.6	BQL	12	9	78
Benzo[g,h,i]perylene	8270	BQL	BQL	2.4	BQL	6,720	469	12,264
Benzo[k]fluoranthene	8270	BQL	BQL	1.5	BQL	12	9	78
Benzene	8260	BQL	BQL	BQL	BQL	0	22	200
Chrysene	8270	BQL	BQL	4.7	BQL	38	88	780
Dibenzo[a,h]anthracene	8270	BQL	BQL	0.72	BQL	0	0	1
Dibenzofuran	8270	BQL	BQL	2	BQL	5	62	1,635
Ethylbenzene	8260	BQL	4.9	BQL	BQL	0	1,560	40,000
Fluoranthene	8270	BQL	BQL	12	0.45	276	620	16,400
Fluorene	8270	BQL	BQL	2.5	BQL	44	620	16,400
Indeno(1,2,3-cd)pyrene	8270	BQL	BQL	2.6	BQL	3	1	8
Isopropylbenzene	8260	BQL	1.8	BQL	BQL	**	**	**
4-Isopropyltoluene	8260	0.18	2	BQL	BQL	**	**	**
2-Methylnaphthalene	8270	BQL	BQL	0.94	BQL	3	63	1,635
Naphthalene	8260/8270	BQL/0.37	BQL/5.3	2.0/3.5	BQL/BQL	1	63	1,635
n-Butylbenzene	8260	0.23	BQL	BQL	BQL	4	156	4,088
n-Propylbenzene	8260	BQL	3.3	BQL	BQL	2	156	4,088
Phenanthrene	8270	BQL	BQL	16	BQL	60	469	12,264
Pyrene	8270	BQL	BQL	10	0.4	286	469	12,264
sec-Butylbenzene	8260	0.16	1.5	BQL	BQL	3	156	4,088
1,2,4-Trimethylbenzene	8260	1.1	24	BQL	BQL	8	782	2,044
1,3,5-Trimethylbenzene	8260	0.4	7.8	BQL	BQL	7	782	20,440
Toluene	8260	BQL	4	BQL	BQL	7	3,200	82,000
Total Xylenes	8260	BQL	30	BQL	BQL	5	32,000	200,000

Notes:
BQL - Below Quantitation Limit .
* - Maximum soil contaminant concentration only applicable to releases from petroleum USTs.
** - Maximum soil contaminant concentration not calculated.
mg/K - milligrams per kilogram or parts per million (ppm)
Shaded values indicate concentrations in excess of soil-to-groundwater MSCCs.

TABLE 3.2
SUMMARY OF INORGANIC CHEMICAL CONSTITUENTS DETECTED IN SOIL
SAMPLES COLLECTED IN MARCH 2002
DOWNTOWN DEVELOPMENT PROJECT - FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO. 000R1215.01

METALS	CONCENTRATION (mg/Kg)								MSCC (mg/Kg)		
	GP-7 5 ft bls	GP-8 25 ft bls	GP-9 25 ft bls	GP-10 25 ft bls	GP-18 25 ft bls	GP-19 15 ft bls	GP-23 5 ft bls	GP-24 20 ft bls	Soil-To-Groundwater	Residential*	Industrial / Commercial*
Arsenic	2.62	BQL	BQL	BQL	BQL	BQL	BQL	BQL	26.2**	NE	NE
Barium	97.8	11.1	137	63.5	225	129	86.9	174	848	NE	NE
Cadmium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2.72**	NE	NE
Chromium	9.39	BQL	15.7	2.57	6.94	5.91	10.8	10.1	27	47	1226
Lead	106	5.14	5.29	3.82	11.1	9.28	48.8	10.1	270	400	400
Mercury	0.161	BQL	BQL	BQL	BQL	BQL	0.378	BQL	0.015**	NE	NE
Selenium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	12.2**	NE	NE
Silver	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.23	78.2	2044

Notes:
BLS - Feet below land surface
MSCC - Maximum Soil Contaminant Concentration
* - Maximum soil contaminant concentration only applicable to releases from petroleum USTs.
** - Estimated value based on soil pH of 5.5 and using calculation methods described in "Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater" July 2000.
NE - Not established
mg/Kg - milligrams per kilogram or parts per million (ppm)
BQL - Below quantitation limit
Shaded values indicate concentrations in excess of soil-to-groundwater MSCCs.

TABLE 3.2 (CON'T.)
SUMMARY OF INORGANIC CHEMICAL CONSTITUENTS DETECTED IN SOIL
SAMPLES COLLECTED IN MARCH 2002
DOWNTOWN DEVELOPMENT PROJECT - FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO. 000R1215.01

METALS	CONCENTRATIONS (mg/Kg)								MSCC (mg/Kg)		
	GP-25 20 ft bls	GP-26 10 ft bls	GP-27 20 ft bls	GP-28 25 ft bls	GP-29 5 ft bls	GP-30 20 ft bls	GP-31 5 ft bls	GP-32 5 ft bls	Soil-To-Groundwater	Residential*	Industrial / Commercial*
Arsenic	BQL	BQL	BQL	BQL	BQL	BQL	3.41	BQL	26.2**	NE	NE
Barium	100	26.3	BQL	393	57.7	186	127	62.3	848	1095	28616
Cadmium	BQL	BQL	BQL	2.12	BQL	BQL	BQL	BQL	2.72**	NE	NE
Chromium	13.8	3.34	BQL	175	325	19	9.25	91.3	27	47	1226
Lead	13.1	7.41	6.82	10.7	21.4	9.91	41.2	19.4	270	400	400
Mercury	BQL	BQL	BQL	BQL	BQL	BQL	0.275	BQL	0.015**	NE	NE
Selenium	BQL	BQL	BQL	6.72	BQL	BQL	BQL	BQL	12.2**	NE	NE
Silver	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.23	78.2	2044

Notes:
BLS - Feet below land surface
MSCC - Maximum Soil Contaminant Concentration
* - Maximum soil contaminant concentration only applicable to releases from petroleum USTs.
** - Estimated value based on soil pH of 5.5 and using calculation methods described in "Groundwater Section Guidelines for the Investigation and Remediation
of Soil and Groundwater" July 2000
NE - Not established
mg/Kg - milligrams per kilogram or parts per million (ppm)
BQL - Below Quantitation Limit
Shaded Values indicate concentrations in excess of soil-to-groundwater MSCCs

TABLE 3.3
SUMMARY OF ORGANIC CHEMICAL CONSTITUENTS DETECTED IN GROUNDWATER SAMPLES COLLECTED IN MARCH 2002
DOWNTOWN DEVELOPMENT PROJECT - FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO. 000R1215.01

CHEMICAL CONSTITUENT	ANALYTICAL METHOD	CONCENTRATION (ug/l)				
		GP-1	GP-4	GP-19	GP-26	NCGQS
Benzene	602	BQL	BQL	650	14	1
Chloroform	601	8	BQL	BQL	BQL	0.19
1,2 Dichloroethane	601	BQL	BQL	2	BQL	0.38
Diethylphthalate	625	BQL	58	BQL	BQL	5,000
Ethylbenzene	602	BQL	BQL	BQL	9	29
Naphthalene	625	BQL	23	BQL	BQL	21
Toluene	602	BQL	BQL	BQL	34	1,000
Total Xylenes	602	BQL	BQL	48	38	530

Notes:
ug/L - micrograms per liter, parts per billion (ppb)
NCGQS - North Carolina Groundwater Quality Standards

TABLE 5.1
SUMMARY OF ASBESTOS BULK SAMPLE ANALYSES
PROGRESS ENERGY DOWNTOWN DEVELOPMENT – FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO.: 000R1215.01

SAMPLE LOCATION NUMBER	SAMPLE TYPE/DESCRIPTION	LOCATION	PERCENT ASBESTOS AND TYPE	FRIABLE (F)/ NON-FRIABLE (N)
S-1	Off-White 12" x 12" Floor Tile	Upstairs Bathroom-Former Wyatt Quarles Building	ND	N
	Black Mastic	Upstairs Bathroom-Former Wyatt Quarles Building	ND	N
	Yellow Mastic	Upstairs Bathroom-Former Wyatt Quarles Building	ND	N
S-2	Wallboard System	Upstairs Bathroom-Former Wyatt Quarles Building	ND	N
S-3	Tan 9" x 9" Floor Tile	Downstairs Kitchen-Former Wyatt Quarles Building	**2% Chrysotile**	N
	Black Mastic	Downstairs Kitchen-Former Wyatt Quarles Building	**10% Chrysotile**	N
S-4	Red 9" x 9" Floor Tile	Downstairs Kitchen-Former Wyatt Quarles Building	ND	N
	Black Mastic	Downstairs Kitchen-Former Wyatt Quarles Building	**5% Chrysotile**	N
S-5	Brown Cove Base	Downstairs Kitchen-Former Wyatt Quarles Building	ND	N
	Mastic	Downstairs Kitchen-Former Wyatt Quarles Building	ND	N
S-6	Pipe Joint Compound (Elbow)	3rd Floor-Godwin Elevator	**8% Chrysotile**	F
S-7	Tan Ceiling Tile	2nd Floor-Godwin Elevator (adj. to blocked off room)	ND	F
S-8	Wrap on Fiberglass Pipe Insulation	2nd Floor-Warehouse (at Air Handling Units)	ND	N

TABLE 5.1 (CON'T.) SUMMARY OF ASBESTOS BULK SAMPLE ANALYSES PROGRESS ENERGY DOWNTOWN DEVELOPMENT – FIRST CITIZENS PROPERTIES RALEIGH, NORTH CAROLINA MID-ATLANTIC JOB NO.: 000R1215.01				
SAMPLE LOCATION NUMBER	SAMPLE TYPE/DESCRIPTION	LOCATION	PERCENT ASBESTOS AND TYPE	FRIABLE (F)/ NON-FRIABLE (N)
S-9	Pipe Joint Compound (Yellow Elbow)	2nd Floor-Warehouse (at Air Handling Units)	**20% Chrysotile**	F
S-10	Black Mastic on Air Handling Unit	2nd Floor-Warehouse (at Air Handling Units)	**5% Chrysotile**	N
S-11	Vibration Damper on Air Handling Unit	2nd Floor-Warehouse (at Air Handling Units)	ND	N
S-12	Roof Flashing and Tar	2nd Floor-Warehouse Roof (Central Portion of Roof)	ND	N
S-13	Roof Flashing and Tar	2nd Floor-Warehouse Roof (Central Portion of Roof)	ND	N
S-14	Roof Flashing and Tar	3rd Floor-Warehouse Roof (Western Portion adj. Wilmington St.)	ND	N
S-15	Roof Flashing and Tar	3rd Floor- Warehouse Roof (Western Portion adj. Wilmington St.)	ND	N
S-16	Pipe Insulation	Basement-Warehouse	**10% Chrysotile** **25% Amosite**	F
S-17	Pipe Joint Compound (Elbow)	Basement-Warehouse	**20% Chrysotile**	F
S-18	Boiler Insulation	Basement-Warehouse	**20% Chrysotile** **5% Amosite**	F

TABLE 5.1 (CON'T.)
SUMMARY OF ASBESTOS BULK SAMPLE ANALYSES
PROGRESS ENERGY DOWNTOWN DEVELOPMENT – FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO.: 000R1215.01

SAMPLE LOCATION NUMBER	SAMPLE TYPE/DESCRIPTION	LOCATION	PERCENT ASBESTOS AND TYPE	FRIABLE (F)/ NON-FRIABLE (N)
S-19	Plaster Wall System	2nd Floor-Isaac's Mens Store	ND	F
S-20	Particle Board/Ceiling Material	2nd Floor-Isaac's Mens Store	ND	F
S-21	Wallboard System	2nd Floor Stairwell-Isaac's Mens Store	ND	F
S-22	Wallboard System	Basement-Isaac's Mens Store	**<1% Chrysotile** (<1% in joint compound and <1% in overall sample)	F
S-23	Ceiling Tile	Tailoring Room-Isaac's Mens Store	ND	F
S-24	Black Cove Base	Showroom-Isaac's Mens Store	ND	N
	Mastic	Showroom-Isaac's Mens Store	ND	N
S-25	Brown Cove Base and Mastic	Office Area (1st Floor)-Godwin Elevator	**<1% Tremolite** (2% in mastic and <1% in overall sample)	N
S-26	Linoleum	Office Area (1st Floor)-Godwin Elevator	ND	N
	Mastic	Office Area (1st Floor)-Godwin Elevator	ND	N

TABLE 5.1 (CON'T.)
SUMMARY OF ASBESTOS BULK SAMPLE ANALYSES
PROGRESS ENERGY DOWNTOWN DEVELOPMENT – FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO.: 000R1215.01

SAMPLE LOCATION NUMBER	SAMPLE TYPE/DESCRIPTION	LOCATION	PERCENT ASBESTOS AND TYPE	FRIABLE (F)/ NON-FRIABLE (N)
S-27	Tan Linoleum	Doorway from Godwin Elevator to NW Portion of Warehouse (1st Floor)	**25% Chrysotile**	N
	Mastic	Doorway from Godwin Elevator to NW Portion of Warehouse (1st Floor)	ND	N
S-28	Multi-Colored Floor Tile	Under Carpet-NW Portion of Warehouse (1st Floor)	ND	N
S-29	Brown Cove Base and Mastic	NW Portion of Warehouse (1st Floor)	**<1% Tremolite** (2% in mastic and <1% in overall sample)	N
S-30	Grey Flooring Material	Under Carpet-NW Portion of Warehouse (1st Floor)	ND	N
	Mastic	Under Carpet-NW Portion of Warehouse (1st Floor)	ND	N
S-31	Brown Linoleum/Flooring	Elevator/Workshop Area-1st Floor of Warehouse	**25% Chrysotile**	N
	Mastic	Elevator/Workshop Area-1st Floor of Warehouse	ND	N
S-32	2' x 4' Ceiling Tile	Elevator/Workshop Area-1st Floor of Warehouse	ND	F
S-33	Tan 12' x 12" Floor Tile	Workshop Bathroom-1st Floor of Warehouse	ND	N
	Mastic	Workshop Bathroom-1st Floor of Warehouse	**10% Chrysotile**	N

TABLE 5.1 (CON'T.)
SUMMARY OF ASBESTOS BULK SAMPLE ANALYSES
PROGRESS ENERGY DOWNTOWN DEVELOPMENT – FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO.: 000R1215.01

SAMPLE LOCATION NUMBER	SAMPLE TYPE/DESCRIPTION	LOCATION	PERCENT ASBESTOS AND TYPE	FRIABLE (F)/ NON-FRIABLE (N)
S-34	Tan 12" x 12" Floor Tile	Office off of Hallway in Basement of Warehouse	**10% Chrysotile**	N
	Mastic	Office off of Hallway in Basement of Warehouse	**10% Chrysotile**	N
S-35	Brown 9" x 9" Floor Tile	Warehouse Basement Hallway	ND	N
	Mastic	Warehouse Basement Hallway	**10% Chrysotile**	N
S-36	Ceiling Tile/Wallboard	Warehouse Basement Hallway	ND	F
S-37 (Same material as S-35)	Brown 9" x 9" Floor Tile	Warehouse Basement Hallway	**10% Chrysotile**	N
	Mastic	Warehouse Basement Hallway	**10% Chrysotile**	N
S-38	Sprayed on Ceiling Finish	Basement Office Area	**10% Chrysotile**	F
S-39	Sprayed on Ceiling Finish	Basement Office Area	**10% Chrysotile**	F
S-40	Tan 9" x 9" Floor Tile	Basement Adjacent to Tunnel Doorway	**10% Chrysotile**	N
	Mastic	Basement Adjacent to Tunnel Doorway	**10% Chrysotile**	N
S-41	Stairwell Step Pad	Basement Stairwell Adjacent to Tunnel Doorway	ND	N
	Mastic	Basement Stairwell Adjacent to Tunnel Doorway	ND	N

TABLE 5.1 (CON'T.)
SUMMARY OF ASBESTOS BULK SAMPLE ANALYSES
PROGRESS ENERGY DOWNTOWN DEVELOPMENT – FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO.: 000R1215.01

SAMPLE LOCATION NUMBER	SAMPLE TYPE/DESCRIPTION	LOCATION	PERCENT ASBESTOS AND TYPE	FRIABLE (F)/ NON-FRIABLE (N)
S-42	Wallboard System	Basement Ceiling	ND	N
S-43	Burgundy Linoleum	3rd Floor of Warehouse-Artifact Storage Area	ND	N
S-44	Gray Specked Linoleum	3rd Floor of Warehouse-Artifact Storage Area	ND	N
S-45	Pipe Joint Compound (Elbow)	3rd Floor of Warehouse-Air Handling Area	**10% Chrysotile**	F
S-46	Pipe Insulation	3rd Floor of Warehouse-Air Handling Area	ND	F
S-47	Roof Flashing and Tar	4th Floor Warehouse Roof (Adjacent to Blount Street)	**10% Chrysotile**	N
S-48	Roof Flashing and Tar	4th Floor Warehouse Roof (Adjacent to Blount Street)	**10% Chrysotile**	N
S-49	Tan 12" x 12" Floor Tile	Safe Area-Godwin Elevator (1st Floor)	ND	N
	Mastic	Safe Area-Godwin Elevator (1st Floor)	ND	N
S-50	Cove Base and Mastic	Safe Area-Godwin Elevator (1st Floor)	**<1% Tremolite** (2% in mastic and <1% in overall sample)	N
S-51	Linoleum Flooring	Under Carpet-Godwin Office Area (1st Floor)	**25% Chrysotile**	N

TABLE 5.1 (CON'T.)
SUMMARY OF ASBESTOS BULK SAMPLE ANALYSES
PROGRESS ENERGY DOWNTOWN DEVELOPMENT – FIRST CITIZENS PROPERTIES
RALEIGH, NORTH CAROLINA
MID-ATLANTIC JOB NO.: 000R1215.01

SAMPLE LOCATION NUMBER	SAMPLE TYPE/DESCRIPTION	LOCATION	PERCENT ASBESTOS AND TYPE	FRIABLE (F)/ NON-FRIABLE (N)
S-52	9" x 9" Ceiling Tile (with holes)	Godwin Office Area (1st Floor)	ND	F
S-53	Linoleum Flooring	Small Basement under Godwin Office Area	ND	N

Friable – Materials which can be crumbled, pulverized, or reduced to powder by hand pressure.
Polarized Light Microscopy coupled with dispersion staining was the method of identification used.
ND No asbestos detected

APPENDIX A

EDR REPORT

Preliminary Map Report

A final EDR Report will be delivered after quality review is conducted and/or online adjustments are received by EDR.

CPL/Progress Energy site
Blount Street/Martin Street
Raleigh, NC 27601
35.776379 / -78.638137
Wake County

Environmental Data Resources, Inc.

Nationwide Customer Service
1-800-352-0050

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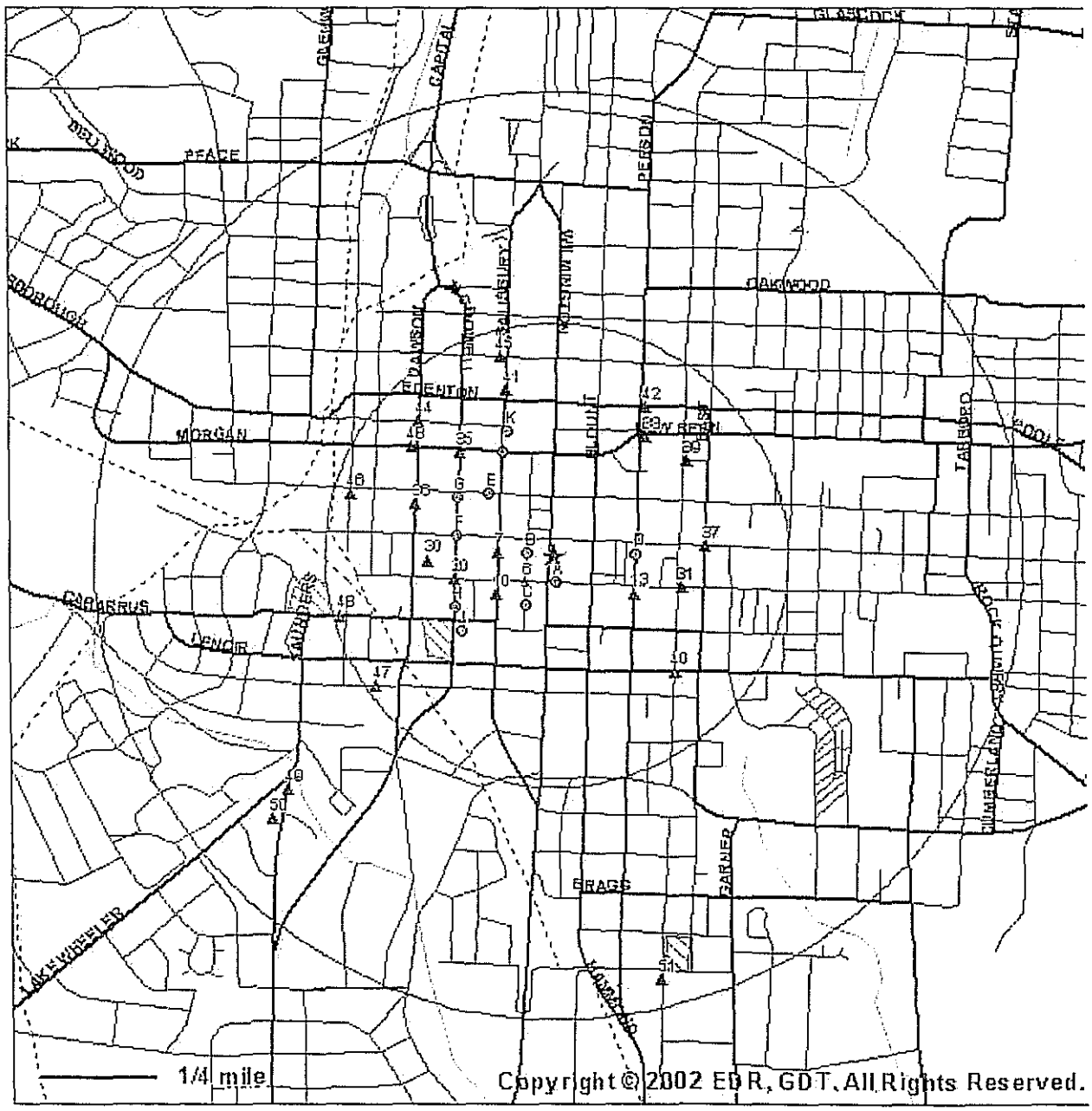
Table of Contents Preliminary Map Findings Summary Preliminary Map Findings Preliminary Orphan Summary EDR PUR IQ Report



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Preliminary Map Findings Summary

The final, quality reviewed report will include target property match column.

Database	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD							
NPL	1	0	0	0	0	NR	0
Proposed NPL	1	0	0	0	0	NR	0
CERCLIS	0.5	0	0	2	NR	NR	2
CERC-NFRAP	0.25	0	0	NR	NR	NR	0
CORRACTS	1	0	0	0	0	NR	0
RCRIS-TSD	0.5	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.	0.25	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	0.25	0	1	NR	NR	NR	1
ERNS	0	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD							
State Haz. Waste	1	0	0	1	2	NR	3
State Landfill	0.5	0	0	0	NR	NR	0
LUST	0.5	5	10	21	NR	NR	36
UST	0.25	6	7	NR	NR	NR	13
FEDERAL ASTM SUPPLEMENTAL							
CONSENT	1	0	0	0	0	NR	0
ROD	1	0	0	0	0	NR	0
Delisted NPL	1	0	0	0	0	NR	0
FINDS	0	NR	NR	NR	NR	NR	0
HMIRS	0	NR	NR	NR	NR	NR	0
MLTS	0	NR	NR	NR	NR	NR	0
MINES	0.25	0	0	NR	NR	NR	0
NPL Liens	0	NR	NR	NR	NR	NR	0
PADS	0	NR	NR	NR	NR	NR	0
RAATS	0	NR	NR	NR	NR	NR	0
TRIS	0	NR	NR	NR	NR	NR	0
TSCA	0	NR	NR	NR	NR	NR	0
FTTS	0	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL							
NC HSDS	1	0	0	1	3	NR	4
IMD	0	NR	NR	NR	NR	NR	0

EDR PROPRIETARY HISTORICAL DATABASES							
Coal Gas	1	0	0	0	0	NR	0

PreliminaryMap Findings

Map ID Direction Distance Dist(ft)	Sites	Databases	EDR ID EPA ID
HSDS Region SW 1/4 - 1/2 1406	RALEIGH COAL GAS PLANT NO. 1 , NC	NC HSDS	S102442419

NC HSDS:
Facility Name: RALEIGH COAL GAS PLANT NO. 1
Latitude: 35 46 24.883278 Longitude: 78 38 34.570676
Site Type: Federal Superfund ID #: 986 188 894

HSDS Region WEST 1/2 - 1 2664	RALEIGH COAL GAS PLANT NO. 2 , NC	NC HSDS	S102442417

NC HSDS:
Facility Name: RALEIGH COAL GAS PLANT NO. 2
Latitude: 35 46 30.352184 Longitude: 78 38 53.054486
Site Type: Federal Superfund ID #: 986 188 902

HSDS Region SSE 1/2 - 1 4502	ASHLAND CHEM CO , NC	NC HSDS	S102442426

NC HSDS:
Facility Name: ASHLAND CHEM CO
Latitude: 35 45 49.626722 Longitude: 78 38 1.792780
Site Type: Federal Superfund ID #: 088 560 032

A1 SOUTH < 1/8 295	MCLAURIN CO PARKER LOT 120 EAST DAVIE STREET RALEIGH, NC 27502	UST IMD LUST	U003698353

LUST:

Incident Number:	21008	Region:	RAL
Date Occurred:	10/21/99	Submit Date:	12/01/1999
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	TWO 1000 GALLON GASOLINE AND ONE 1000 GALLON STODDARD SOLVENT UST REMOVED FROM SITE SOIL CONTA DETECTED IN SAMPLE SW-1 2500PPM(EPA 5030) IN SAMPLE WW-1		
Owner:	MR SCOTT TOWNSEND		
Owner Phone:	919-890-3162		
	222 W HARGETT STREET		
	RALEIGH, NC 27502		
Ownership:	Municipal		
Operation:	Commercial		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Material:	STODDARD SOLVENT		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	Not reported		
Priority Code:	12/1/99	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported

7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-036088	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	21008
Region:	RAL
Date Occurred:	10/21/1999
Submit Date:	12/01/1999
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	MR SCOTT TOWNSEND 222 W HARGETT STREET RALEIGH, NC 27502
Contact Phone:	919-890-3162
Priority Code:	Not reported
Priority Update:	12/01/1999
Site Priority:	Not reported
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	TWO 1000 GALLON GASOLINE AND ONE 1000 GALLON STODDARD SOLVENT UST REMOVED FROM SITE SOIL CONTA DETECTED IN SAMPLE SW-1 2500PPM(EPA 5030) IN SAMPLE WW-1
Ownership:	Municipal
Operation:	Commercial
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	Not reported
Material:	STODDARD SOLVENT
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	CITY OF RALEIGH
Lat/Long:	Not reported
Risk Site	Not reported

UST:

Facility ID:	0-036088
Telephone:	(919) 890-3162
Owner name :	CITY OF RALEIGH
Owner Address:	PO BOX 590/ATTN:MARTY MOLNAR
	RALEIGH, NC 27602
Owner Phone :	(919) 890-3320
Tank capacity :	1000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	1
Date installed:	01/01/1954
Date removed:	10/21/1999
Status:	Permanent Closed

Facility ID:	0-036088
Telephone:	(919) 890-3162
Owner name :	CITY OF RALEIGH
Owner Address:	PO BOX 590/ATTN:MARTY MOLNAR
	RALEIGH, NC 27602
Owner Phone :	(919) 890-3320
Tank capacity :	1000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	2
Date installed:	01/01/1954
Date removed:	10/21/1999
Status:	Permanent Closed

Facility ID:	0-036088
Telephone:	(919) 890-3162
Owner name :	CITY OF RALEIGH
Owner Address:	PO BOX 590/ATTN:MARTY MOLNAR
	RALEIGH, NC 27602
Owner Phone :	(919) 890-3320
Tank capacity :	1000
Comment :	STODDARD SOLVENT
Tank product :	Other, Hazardous
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Paint

Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	3
Date installed:	01/01/1954
Date removed:	10/21/1999
Status:	Permanent Closed

A2
SSW
< 1/8
299

CP&L
WILMINGTON / DAVIE ST.
RALEIGH, NC

IMD
LUST

S10152405

LUST:

Incident Number:	10111	Region:	RAL
Date Occurred:	3/29/93	Submit Date:	04/20/1993
GW Contam:	Not reported	Soil Contam:	Yes
Incident Desc:	UPON EXCAVATION OF 4 OLD USTS, SOIL CONTAM. WAS DISCOVERED.		
Owner:	GEORGE J. OLIVER		
Owner Phone:	Not reported		
	411 FAYETTEVILLE ST. MALL		
	RALEIGH, NC 27602		
	WAKE County		
Ownership:	Private		
Operation:	Commercial		
Material:	DIESEL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Material:	WASTE OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	10E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Soil Samples
7.5 Min Quad:	Not reported	5 Min Quad:	K39Q
Lat/Long:	354631 / 783820	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	10111
Region:	RAL
Date Occurred:	03/29/1993
Submit Date:	04/20/1993
GW Contam:	Not reported
Soil Contam:	Yes
Operator:	GEORGE J. OLIVER
	411 FAYETTEVILLE ST. MALL
	RALEIGH, NC 27602
	WAKE County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	10E
Dem Contact:	Not reported

Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	K39Q
Incident Desc:	UPON EXCAVATION OF 4 OLD USTS. SOIL CONTAM. WAS DISCOVERED.
Ownership:	Private
Operation:	Commercial
Material:	DIESEL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Material:	WASTE OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples
Owner Company:	CP&L
Lat/Long:	354631 / 783820
Risk Site	Yes

B3 WEST < 1/8 318	WAKE COUNTY OFFICE BLDG. 336 FAYETTEVILLE STREET RALEIGH, NC 27603	UST	U001438662

UST:

Facility ID:	0-025635
Telephone:	(919) 755-6801
Owner name :	WAKE COUNTY-FIELD SERVICE DIV
Owner Address:	PO BOX 550
	RALEIGH, NC 27602
Owner Phone :	(919) 870-4040
Tank capacity :	,0,
Comment :	Not reported
Tank product :	,0,0
Tank material :	,0,0,
Interior Protection:	Not reported
Exterior Protection:	,
Piping material :	Not reported
Certify Type :	,
Leak Detection Type :	Not reported
Leak Detection Piping :	,
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	,
Region:	05
Tank ID:	Not reported
Date installed:	,
Date removed:	Not reported
Status:	Not reported

B4 WNW < 1/8	HUDSON BELK BUILDING(FORMER) 319 FAYETTEVILLE STREET MALL RALEIGH, NC 27602	IMD LUST UST	U001439602

326

LUST:

Incident Number:	21247	Region:	RAL
Date Occurred:	11/30/99	Submit Date:	01/13/2000
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	LIMITED UST ASSESSMENT WAS PERFORMED ON 1 8000 GALLON HEATING OIL UST SOIL CONT DETECTED IN SAMPLES COLLECTED 1640 MG/KG TPH DRO IN SAMPLE SB-1(6-8)		
Owner:	MR SCOTT TOWNSEND ADMINISTRATIVE SE		
Owner Phone:	919-890-3162 PO BOX 590 RALEIGH, NC 27602		
Ownership:	Private		
Operation:	Commercial		
Material:	HEATING OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Heating Oil
Location:	Facility	Setting:	Urban
Site Priority:	Not reported		
Priority Code:	1/13/00	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-031866	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	21247
Region:	RAL
Date Occurred:	11/30/1999
Submit Date:	01/13/2000
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	MR SCOTT TOWNSEND ADMINISTRATIVE SE PO BOX 590 RALEIGH, NC 27602
Contact Phone:	919-890-3162
Priority Code:	Not reported
Priority Update:	01/13/2000
Site Priority:	Not reported
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	LIMITED UST ASSESSMENT WAS PERFORMED ON 1 8000 GALLON HEATING OIL UST SOIL CONT DETECTED IN SAMPLES COLLECTED 1640 MG/KG TPH DRO IN SAMPLE SB-1(6-8)
Ownership:	Private
Operation:	Commercial
Material:	HEATING OIL
Qty Lost:	Not reported

Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Heating Oil
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	CITY OF RALEIGH
Lat/Long:	Not reported
Risk Site	Not reported

UST:

Facility ID:	0-031866
Telephone:	(919) 890-3840
Owner name :	CITY OF RALEIGH
Owner Address:	PO BOX 590/ATTN:MARTY MOLNAR
	RALEIGH, NC 27602
Owner Phone :	(919) 890-3320
Tank capacity :	8000
Comment :	Not reported
Tank product :	Fuel Oil
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Paint
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	1
Date installed:	09/20/1960
Date removed:	Not reported
Status:	Currently In Use

B5 WNW < 1/8 334	WAKE COUNTY COURTHOUSE 316 FAYETTEVILLE STREET MALL RALEIGH, NC 27603	UST	U001434686

UST:

Facility ID:	0-005077
Telephone:	(919) 870-4028
Owner name :	WAKE COUNTY-FIELD SERVICE DIV
Owner Address:	PO BOX 550
	RALEIGH, NC 27602
Owner Phone :	(919) 870-4040
Tank capacity :	1500
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Unknown
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05

Tank ID:	1
Date installed:	05/03/1971
Date removed:	03/31/1991
Status:	Permanent Closed
Facility ID:	0-005077
Telephone:	(919) 870-4028
Owner name :	WAKE COUNTY-FIELD SERVICE DIV
Owner Address:	PO BOX 550
	RALEIGH, NC 27602
Owner Phone :	(919) 870-4040
Tank capacity :	1500
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Cathodic Protection
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	2
Date installed:	04/29/1984
Date removed:	03/31/1991
Status:	Permanent Closed
Facility ID:	0-005077
Telephone:	(919) 870-4028
Owner name :	WAKE COUNTY-FIELD SERVICE DIV
Owner Address:	PO BOX 550
	RALEIGH, NC 27602
Owner Phone :	(919) 870-4040
Tank capacity :	10000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Unknown
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	3
Date installed:	05/03/1971
Date removed:	03/31/1991
Status:	Permanent Closed

6 SW < 1/8	CAROLINA POWER & LIGHT COMPAN 411 FAYETTEVILLE STREET RALEIGH, NC 27602	UST	U001558525

RALEIGH, NC 27602

446

UST:

Facility ID:	0-006714
Telephone:	(919) 836-6796
Owner name :	CAROLINA POWER & LIGHT CO.
Owner Address:	411 FAYETTEVILLE ST. MALL
	RALEIGH, NC 27601
Owner Phone :	(919) 546-6111
Tank capacity :	500
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	1
Date installed:	05/10/1977
Date removed:	09/15/1989
Status:	Permanent Closed

7
WEST
< 1/8
646

OLD WAKE CO. OFFICE BLDG.
337 SOUTH SALISBURY ST.
RALEIGH, NC

LUST | S101523833

LUST:

Incident Number:	9391	Region:	RAL
Date Occurred:	7/22/92	Submit Date:	11/02/1992
GW Contam:	Not reported	Soil Contam:	Yes
Incident Desc:	HYDRAULIC FLUID LEAKED INTO SOILS UNDERNEATH ELEVATOR SHAFT.		
Owner:	DAMON DAVENPORT, AGENT		
Owner Phone:	Not reported		
	P.O. BOX 550		
	RALEIGH, NC 27602		
	WAKE County		
Ownership:	Municipal		
Operation:	Public Service		
Material:	HYDRAULIC FLUID		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Other petroleum product
Location:	Other	Setting:	Urban
Site Priority:	20E		
Priority Code:	5/30/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	K39Q
Lat/Long:	783836 / 354633	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

C8 SSW < 1/8 652	RALEIGH CIVIC CENTER 500 FAYETTEVILLE ST MALL RALEIGH, NC 27601	UST	U001439637

UST:

Facility ID:	0-032004
Telephone:	(919) 831-6325
Owner name :	CITY OF RALEIGH
Owner Address:	PO BOX 590/ATTN:MARTY MOLNAR
	RALEIGH, NC 27602
Owner Phone :	(919) 890-3320
Tank capacity :	20000
Comment :	Not reported
Tank product :	Heating Oil/ Fuel
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	45
Date installed:	01/04/1977
Date removed:	03/06/2000
Status:	Permanent Closed

C9 SSW < 1/8 652	RALEIGH CONVENTION & CONF CENT 500 FAYETTEVILLE STREET MALL RALEIGH, NC	IMD LUST	S104483173

LUST:

Incident Number:	21258	Region:	RAL
Date Occurred:	12/17/99	Submit Date:	01/24/2000
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	ONE 20000 GALLON UST HEATING OIL CLOSED IN SITE SOIL CONTAM DETECTED IN SAMPLES COLLECTED AT CLOSURE 35 MG/KG TPH EPA 3550 IN SAMPLE B-4/3 BLS		
Owner:	MR MICKEY BARBOUR		
Owner Phone:	919-831-6325		
	500 FAYETTEVILLE MALL STREET		
	RALEIGH, NC 27002		
Ownership:	Municipal		
Operation:	Public Service		
Material:	FUEL OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Heating Oil
Location:	Facility	Setting:	Urban
Site Priority:	Not reported		
Priority Code:	1/24/00	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-032004	GPS Confirmed:	Not reported
Last Modified:	07/06/2000	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	5/17/2000	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		

Reclassification Report: Not reported
Closure Request Date: Not reported

IMD:
Incident Number: 21258
Region: RAL
Date Occurred: 12/17/1999
Submit Date: 01/24/2000
GW Contam: Not reported
Soil Contam: Not reported
Operator: MR MICKEY BARBOUR
500 FAYETTEVILLE MALL STREET
RALEIGH, NC 27002
Contact Phone: 919-831-6325
Priority Code: Not reported
Priority Update: 01/24/2000
Site Priority: Not reported
Dem Contact: Not reported
Wells Affected: Not reported
Num Affected: 0.00000
Sampled By: Samples Include:
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Incident Desc: ONE 20000 GALLON UST HEATING OIL CLOSED IN SITE SOIL CONTAM DETECTED IN SAMPLES COLLECTED AT CLOSURE 35 MG/KG TPH EPA 3550 IN SAMPLE B-4/3 BLS
Ownership: Municipal
Operation: Public Service
Material: FUEL OIL
Qty Lost: Not reported
Qty Recovered: Not reported
Source: Leak-underground
Type: Heating Oil
Location: Facility
Setting: Urban
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
Owner Company: RALEIGH CONVENTION & CONFERENCE CEN
Lat/Long: Not reported
Risk Site Not reported

10 WSW 1/8 - 1/4 790	CABARRUS ST PARKING DECK 436 S SALISBURY ST RALEIGH, NC 27601	UST IMD LUST	U001823960

LUST:

Incident Number:	11900	Region:	RAL
Date Occurred:	1/9/92	Submit Date:	03/18/1994
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	UPON REMOVAL OF 3 USTS, MINOR SOIL CONTAMINATION WAS CONFIRMED.		
Owner:	DUNN TRUST		
Owner Phone:	Not reported 2626 GLENWOOD AVE. SUITE 160 RALEIGH, NC 27601 WAKE County		
Ownership:	Private		
Operation:	Commercial		
Material:	PETROLEUM		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Other petroleum product
Location:	Facility	Setting:	Urban
Site Priority:	Not reported		

Priority Code:	Not reported	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-033450	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	11900
Region:	RAL
Date Occurred:	01/09/1992
Submit Date:	03/18/1994
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	DUNN TRUST 2626 GLENWOOD AVE. SUITE 160 RALEIGH, NC 27601 WAKE County
Contact Phone:	Not reported
Priority Code:	Not reported
Priority Update:	/ /
Site Priority:	Not reported
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	UPON REMOVAL OF 3 USTS, MINOR SOIL CONTAMINATION WAS CONFIRMED.
Ownership:	Private
Operation:	Commercial
Material:	PETROLEUM
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Other petroleum product
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	Not reported
Lat/Long:	Not reported
Risk Site	Not reported

UST:

Facility ID:	0-033450
Telephone:	(919) 546-4323
Owner name :	CITY OF RALEIGH
Owner Address:	PO BOX 590/ATTN:MARTY MOLNAR RALEIGH, NC 27602
Owner Phone :	(919) 890-3320
Tank capacity :	270
Comment :	Not reported
Tank product :	Motor oil
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Cathodic Protection

Piping material :	Unknown
Certify Type :	Installer certified by tank and piping manufacturers
Leak Detection Type :	Periodic tank tightness testing
Leak Detection Piping :	Vapor monitoring
Corrosn Protec Tank:	Sacrificial annonde
Corrosn Protec Pipe:	Dielectric coating
Spill and Overfill :	Catchment basins
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	1
Date installed:	10/29/1992
Date removed:	11/04/1999
Status:	Permanent Closed
Facility ID:	0-033450
Telephone:	(919) 546-4323
Owner name :	CITY OF RALEIGH
Owner Address:	PO BOX 590/ATTN:MARTY MOLNAR
	RALEIGH, NC 27602
Owner Phone :	(919) 890-3320
Tank capacity :	550
Comment :	Not reported
Tank product :	Motor oil
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Cathodic Protection
Piping material :	Unknown
Certify Type :	Installer certified by tank and piping manufacturers
Leak Detection Type :	Periodic tank tightness testing
Leak Detection Piping :	Vapor monitoring
Corrosn Protec Tank:	Sacrificial annonde
Corrosn Protec Pipe:	Dielectric coating
Spill and Overfill :	Catchment basins
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	2
Date installed:	10/29/1992
Date removed:	11/04/1999
Status:	Permanent Closed

D11 EAST 1/8 - 1/4 932	WAREHOUSE OF TIRES 325 S. PERSON ST. RALEIGH, NC	IMD LUST	S102868001

LUST:

Incident Number:	3897	Region:	RAL
Date Occurred:	1/4/89	Submit Date:	01/25/1989
GW Contam:	Yes	Soil Contam:	Not reported
Incident Desc:	CONTAM. SOIL WAS DISCOVERED DURING REMOVAL OF TANKS.		
Owner:	DAVID M. GOURLEY		
Owner Phone:	Not reported		
	P.O. BOX 590		
	RALEIGH, NC 27602		
Ownership:	Private		
Operation:	Commercial		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	NONE
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	85E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Other	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354632 / 783808	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-025364	GPS Confirmed:	Not reported
Last Modified:	11/16/2000	Incident Phase:	CO

NOV Issued:	06/22/1989	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	9/27/2000	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	3897
Region:	RAL
Date Occurred:	01/04/1989
Submit Date:	01/25/1989
GW Contam:	Yes
Soil Contam:	Not reported
Operator:	DAVID M. GOURLEY P.O. BOX 590 RALEIGH, NC 27602
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	85E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	CONTAM. SOIL WAS DISCOVERED DURING REMOVAL OF TANKS.
Ownership:	Private
Operation:	Commercial
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	NONE
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Other
Samples Include:	Not reported
Owner Company:	CITY OF RALEIGH
Lat/Long:	354632 / 783808
Risk Site	Yes

D12 EAST 1/8 - 1/4 949	WAKE COUNTY PUBLIC SCHOOLS (BL SOUTH PERSON / EAST DAVIE RALEIGH, NC	IMD LUST	S104410968

LUST:

Incident Number:	20791	Region:	RAL
Date Occurred:	9/1/98	Submit Date:	11/22/1999
GW Contam:	Yes	Soil Contam:	Not reported
Incident Desc:	TCE FOUND IN WATER SAMPLES.		
Owner:	FRANK DOONTZ		
Owner Phone:	Not reported 1551 ROCK QUARRY RD. RALEIGH, NC 27610 WAKE County		
Ownership:	County		
Operation:	Educational/Religious		
Material:	TCE		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Unknown	Type:	Other organics
Location:	Facility	Setting:	Urban
Site Priority:	15E		
Priority Code:	11/22/99	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		

Sampled By:	Other	Samples Include:	Groundwater Samples
7.5 Min Quad:	Not reported	5 Min Quad:	K39T
Lat/Long:	354633 / 783805	Risk Site	No
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	11/22/1999	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	10/20/1999	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	85016
Region:	RAL
Date Occurred:	04/01/2000
Submit Date:	/ /
GW Contam:	No
Soil Contam:	Not reported
Operator:	FRANK KOONTZ 1551 ROCK QUARRY ROAD RALEIGH, NORT 27610
Contact Phone:	919-856-3720
Priority Code:	E
Priority Update:	/ /
Site Priority:	20
Dem Contact:	ROUSH
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	SITE CLOSED OUT 10/22/1999.
Ownership:	State
Operation:	Public Service
Material:	Not reported
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Unknown
Type:	Other petroleum product
Location:	Not reported
Setting:	Not reported
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	WAKE COUNTY PUBLIC SCHOOL SYSTEM
Lat/Long:	354637 / Not reported
Risk Site	Not reported

13 ESE 1/8 - 1/4 1002	GENERAL SERVICES ADMIN. 420 S. PERSON ST. RALEIGH, NC	IMD LUST	S102868839

LUST:

Incident Number:	12590	Region:	RAL
Date Occurred:	3/23/94	Submit Date:	08/24/1994
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	SOIL SAMPLES CONFIRMED MINOR CONTAMINATION.		
Owner:	MATTHEW PONTON		
Owner Phone:	Not reported RT. 1, BOX 177 SEABOARD, NC 27876 WAKE County		
Ownership:	Private		
Operation:	Commercial		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	Not reported

Material:	DIESEL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	110B		
Priority Code:	12/4/98	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-031149	GPS Confirmed:	Not reported
Last Modified:	12/27/1994	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	8/15/1994	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	12590
Region:	RAL
Date Occurred:	03/23/1994
Submit Date:	08/24/1994
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	MATTHEW PONTON RT. 1, BOX 177 SEABOARD, NC 27876 WAKE County
Contact Phone:	Not reported
Priority Code:	H
Priority Update:	12/04/1998
Site Priority:	110B
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	SOIL SAMPLES CONFIRMED MINOR CONTAMINATION.
Ownership:	Private
Operation:	Commercial
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	Not reported
Material:	DIESEL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	PRIVATE RES.
Lat/Long:	Not reported
Risk Site	Yes

E14 NW 1/8 - 1/4 1027	HUNTER & ASSOCIATES PROF. BLD 127 WEST HARGETT STREET RALEIGH, NC 27601	UST	U003369663

UST:

Facility ID:	0-035779
Telephone:	(9190 821-8023
Owner name :	RALEIGH PROFESSIONAL ASSOCIATES
Owner Address:	127 WEST HARGETT STREET
	RALEIGH, NC 27601
Owner Phone :	(919) 821-8023
Tank capacity :	280
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Cathodic Protection
Piping material :	Other
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Steel/FRP composite
Corrosn Protec Pipe:	Other type
Spill and Overfill :	Catchment basins
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	1
Date installed:	07/01/1998
Date removed:	Not reported
Status:	Currently In Use

E15 NW 1/8 - 1/4 1027	RALEIGH PROFESSIONAL BLDG. 127 W. HARGETT ST. RALEIGH, NC	IMD LUST	S103916891

LUST:

Incident Number:	20248	Region:	RAL
Date Occurred:	5/20/98	Submit Date:	07/21/1999
GW Contam:	Not reported	Soil Contam:	Yes
Incident Desc:	MAJOR SOIL CONTAM. WAS CONFIRMED UPON REMOVAL OF UST.		
Owner:	Not reported		
Owner Phone:	Not reported		
	1312 ANNAPOLIS DR. RALEIGH, NC 27608 WAKE County		
Ownership:	Private		
Operation:	Commercial		
Material:	DIESEL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Other	Setting:	Urban
Site Priority:	L		
Priority Code:	7/21/99	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Groundwater Samples
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354641 / 783830	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-035630	GPS Confirmed:	Not reported
Last Modified:	05/03/2001	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	10/20/2000	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	20248
Region:	RAL
Date Occurred:	05/20/1998
Submit Date:	07/21/1999
GW Contam:	Not reported
Soil Contam:	Yes
Operator:	Not reported 1312 ANNAPOLIS DR. RALEIGH, NC 27608 WAKE County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	07/21/1999
Site Priority:	L
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	MAJOR SOIL CONTAM. WAS CONFIRMED UPON REMOVAL OF UST.
Ownership:	Private
Operation:	Commercial
Material:	DIESEL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Other
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Groundwater Samples
Owner Company:	HUNTER & ASSOCIATES
Lat/Long:	354641 / 783830
Risk Site	Yes

E16 NW 1/8 - 1/4 1027	RALEIGH PROFESSIONAL BUILDING 127 W HARGETT STREET RALEIGH, NC 27608	UST	U003295340

UST:

Facility ID:	0-035630
Telephone:	(919) 821-8023
Owner name :	RALEIGH PROFESSIONAL ASSOCIATES
Owner Address:	C/O 1312 ANNAPOLIS DR S203 RALEIGH, NC 27608
Owner Phone :	(919) 821-8023
Tank capacity :	125
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Unknown
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	1
Date installed:	01/01/1982
Date removed:	05/20/1998

Status: Permanent Closed

D17 EAST 1/8 - 1/4 1073	MOORE SQUARE MUSEUMS MAGNET 328 EAST MARTIN STREET RALEIGH, NC	IMD LUST	S104914634

LUST:

Incident Number:	22684	Region:	RAL
Date Occurred:	6/13/00	Submit Date:	01/05/2000
GW Contam:	Not reported	Soil Contam:	Yes
Incident Desc:	SOIL CONTAMINATION DISCOVERED UPON UST REMOVAL		
Owner:	FRANK KOONTZ		
Owner Phone:	919 856-3220		
	1551 ROCK QUARRY ROAD		
	RALEIGH, NC 27610		
	WAKE County		
Ownership:	County		
Operation:	Educational/Religious		
Material:	Not reported		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Other petroleum product
Location:	Facility	Setting:	Residential
Site Priority:	L		
Priority Code:	1/5/01	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Yes
Release Code:	2	Source Type:	E
Facility ID:	Not reported	GPS Confirmed:	No
Last Modified:	12/29/2000	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	22684
Region:	RAL
Date Occurred:	06/13/2000
Submit Date:	01/05/2000
GW Contam:	Not reported
Soil Contam:	Yes
Operator:	FRANK KOONTZ
	1551 ROCK QUARRY ROAD
	RALEIGH, NC 27610
	WAKE County
Contact Phone:	919 856-3220
Priority Code:	L
Priority Update:	01/05/2001
Site Priority:	L
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	SOIL CONTAMINATION DISCOVERED UPON UST REMOVAL
Ownership:	County
Operation:	Educational/Religious
Material:	Not reported
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Other petroleum product
Location:	Facility

Setting:	Residential
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	WAKE COUNTY PUBLIC SCHOOL SYSTEM
Lat/Long:	Not reported
Risk Site	Yes

FTS WNW 1/8 - 1/4 1142	WAKE CO. EMS 201 W. MARTIN ST. RALEIGH, NC	IMD LUST	S101522620

LUST:

Incident Number:	5373	Region:	RAL
Date Occurred:	1/16/90	Submit Date:	02/06/1990
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	CONTAM. SOIL DISCOVERED AFTER TANK REMOVAL.		
Owner:	COUNTY OF WAKE		
Owner Phone:	Not reported 427 N. HARRINGTON ST. RALEIGH, NC 27602 WAKE County		
Ownership:	County		
Operation:	Commercial		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	NONE
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	45E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Soil Samples
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354636 / 783835	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-005117	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Signed:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	5373
Region:	RAL
Date Occurred:	01/16/1990
Submit Date:	02/06/1990
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	COUNTY OF WAKE 427 N. HARRINGTON ST. RALEIGH, NC 27602 WAKE County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	45E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	CONTAM. SOIL DISCOVERED AFTER TANK REMOVAL.
Ownership:	County

Operation:	Commercial
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	NONE
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples
Owner Company:	COUNTY OF WAKE
Lat/Long:	354636 / 783835
Risk Site	Yes

F19 WNW 1/8 - 1/4 1142	EMS #1 201 WEST MARTIN STREET RALEIGH, NC 27602	UST	U003142560

UST:

Facility ID:	0-001125
Telephone:	(919) 755-6656
Owner name :	WAKE COUNTY-FIELD SERVICE DIV
Owner Address:	PO BOX 550
	RALEIGH, NC 27602
Owner Phone :	(919) 870-4040
Tank capacity :	5288
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	001
Date installed:	05/10/1941
Date removed:	01/16/1990
Status:	Permanent Closed

Facility ID:	0-001125
Telephone:	(919) 755-6656
Owner name :	WAKE COUNTY-FIELD SERVICE DIV
Owner Address:	PO BOX 550
	RALEIGH, NC 27602
Owner Phone :	(919) 870-4040
Tank capacity :	2500
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	002

Date installed:	05/10/1941
Date removed:	01/16/1990
Status:	Permanent Closed

20 WSW 1/8 - 1/4 1163	WAKE DEPT OF SOCIAL SERVICES 201 WEST DAVIE STREET RALEIGH, NC	IMD LUST	S104483005

LUST:

Incident Number:	20890	Region:	RAL
Date Occurred:	10/8/99	Submit Date:	11/16/1999
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	TWO 6000 GALLON HEATING OIL UST REMOVED FROM SITE SOIL CONTA IN SAMPLES 2620 PPM (EPH 3530) IN SAMPLE T2-S2 NO NORR SENT OUT PHASE I LSA SENT IN ON 11/12/99		
Owner:	MR MIKE AULL PROJECT MANAGERF		
Owner Phone:	919-856-6179 PO BOX 550 FAYETTEVILLE STREET MALL RALEIGH, NC 27602		
Ownership:	County		
Operation:	Public Service		
Material:	HEATING OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Heating Oil
Location:	Facility	Setting:	Industrial
Site Priority:	Not reported		
Priority Code:	11/16/99	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-025636	GPS Confirmed:	Not reported
Last Modified:	07/06/2000	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	5/17/2000	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	20890
Region:	RAL
Date Occurred:	10/08/1999
Submit Date:	11/16/1999
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	MR MIKE AULL PROJECT MANAGERF PO BOX 550 FAYETTEVILLE STREET MALL RALEIGH, NC 27602
Contact Phone:	919-856-6179
Priority Code:	Not reported
Priority Update:	11/16/1999
Site Priority:	Not reported
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported

Incident Desc:	TWO 6000 GALLON HEATING OIL UST REMOVED FROM SITE SOIL CONTA IN SAMPLES 2620 PPM(EPH 3530) IN SAMPLE T2-S2 NO NORR SENT OUT PHASE I LSA SENT IN ON 11/12/99
Ownership:	County
Operation:	Public Service
Material:	HEATING OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Heating Oil
Location:	Facility
Setting:	Industrial
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	WAKE COUNTY
Lat/Long:	Not reported
Risk Site	Not reported

G21 WNW 1/8 - 1/4 1281	NEWS OBSERVER PUBLISHING CO 215 S MCDOWELL ST RALEIGH, NC 27602	RCRIS-SQG FINDS IMD UST	1000373189 NCD107870370

RCRIS:

Owner:	FRANK DANIELS JR
Contact:	FRANK TRAINER (919) 829-4835
Record Date:	12/09/1998
Classification:	Small Quantity Generator
Used Oil Recyc:	No
Violation Status:	No violations found

IMD:

Incident Number:	14813
Region:	RAL
Date Occurred:	09/28/1994
Submit Date:	11/08/1995
GW Contam:	No
Soil Contam:	Not reported
Operator:	Not reported Not reported , NO D WAKE County
Contact Phone:	Not reported
Priority Code:	Not reported
Priority Update:	/ /
Site Priority:	0
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	SEP CLOSED SITE OUT. ADDNL DATA MAY BE ON CLOSURE TABLE
Ownership:	Private
Operation:	Commercial
Material:	MINERAL SPIRITS
Qty Lost:	Not reported
Qty Recovered:	Not reported
Material:	#2 FUEL OIL

Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Unknown
Type:	Other inorganics
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	Not reported
Lat/Long:	Not reported
Risk Site	Not reported

UST:

Facility ID:	0-005647
Telephone:	(919) 829-4685
Owner name :	NEWS & OBSERVER PUBLISHING CO.
Owner Address:	215 SOUTH MCDOWELL STREET
	RALEIGH, NC 27602
Owner Phone :	(919) 829-4685
Tank capacity :	5500
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	1
Date installed:	05/15/1958
Date removed:	12/21/1989
Status:	Permanent Closed

Facility ID:	0-005647
Telephone:	(919) 829-4685
Owner name :	NEWS & OBSERVER PUBLISHING CO.
Owner Address:	215 SOUTH MCDOWELL STREET
	RALEIGH, NC 27602
Owner Phone :	(919) 829-4685
Tank capacity :	4000
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	2
Date installed:	05/10/1978
Date removed:	12/21/1989
Status:	Permanent Closed

Facility ID:	0-005647
Telephone:	(919) 829-4685

Owner name :	NEWS & OBSERVER PUBLISHING CO.
Owner Address:	215 SOUTH MCDOWELL STREET
	RALEIGH, NC 27602
Owner Phone :	(919) 829-4685
Tank capacity :	4000
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	3
Date installed:	05/10/1978
Date removed:	12/21/1989
Status:	Permanent Closed

Facility ID:	0-005647
Telephone:	(919) 829-4685
Owner name :	NEWS & OBSERVER PUBLISHING CO.
Owner Address:	215 SOUTH MCDOWELL STREET
	RALEIGH, NC 27602
Owner Phone :	(919) 829-4685
Tank capacity :	4000
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	4
Date installed:	05/10/1978
Date removed:	12/21/1989
Status:	Permanent Closed

G22
WNW
1/8 - 1/4
1281

NEWS & OBSERVER PUBLISHING CO.
215 SOUTH MCDOWELL STREET
RALEIGH, NC

LUST | S101715103

LUST:

Incident Number:	14813	Region:	RAL
Date Occurred:	8/12/94	Submit Date:	11/08/1995
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	MINOR SOIL CONTAMINATION CONFIRMED FROM RELEASE DISCOVERED DURING TANK CLOSURE.		
Owner:	Not reported		
Owner Phone:	Not reported		
	215 SOUTH MCDOWELL STREET		
	RALEIGH, NC 27601		
	WAKE County		
Ownership:	Private		
Operation:	Commercial		
Material:	MINERAL SPIRITS		

Qty Lost:	Not reported	Qty Recovered:	Not reported
Material:	#2 FUEL OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	0		
Priority Code:	Not reported	Dem Contact:	STEVE PARROTT
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-005647	GPS Confirmed:	Not reported
Last Modified:	01/05/1996	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	11/8/1995	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

H23 WSW 1/8 - 1/4 1285	HUNT GENERAL TIRE CO., INC. 428 SOUTH MCDOWELL STREET RALEIGH, NC 27602	UST	U001434439

UST:

Facility ID:	0-002735
Telephone:	(919) 832-0571
Owner name :	HUNT GENERAL TIRE CO., INC.
Owner Address:	5000 OLD WAKE FOREST RD
	RALEIGH, NC 27609
Owner Phone :	(919) 832-0571
Tank capacity :	500
Comment :	Not reported
Tank product :	Unknown
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	001
Date installed:	05/20/1946
Date removed:	01/01/1960
Status:	Permanent Closed

Facility ID:	0-002735
Telephone:	(919) 832-0571
Owner name :	HUNT GENERAL TIRE CO., INC.
Owner Address:	5000 OLD WAKE FOREST RD
	RALEIGH, NC 27609
Owner Phone :	(919) 832-0571
Tank capacity :	500
Comment :	Not reported
Tank product :	Unknown
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Unknown

Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	002
Date installed:	05/16/1960
Date removed:	06/01/1970
Status:	Permanent Closed

Facility ID:	0-002735
Telephone:	(919) 832-0571
Owner name :	HUNT GENERAL TIRE CO.. INC.
Owner Address:	5000 OLD WAKE FOREST RD
	RALEIGH, NC 27609
Owner Phone :	(919) 832-0571
Tank capacity :	10000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	003
Date installed:	05/13/1973
Date removed:	01/15/1999
Status:	Permanent Closed

Facility ID:	0-002735
Telephone:	(919) 832-0571
Owner name :	HUNT GENERAL TIRE CO.. INC.
Owner Address:	5000 OLD WAKE FOREST RD
	RALEIGH, NC 27609
Owner Phone :	(919) 832-0571
Tank capacity :	1000
Comment :	Not reported
Tank product :	Fuel Oil
Tank material :	Unknown
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	004
Date installed:	01/01/1964
Date removed:	01/15/1999
Status:	Permanent Closed

H24 WSW 1/8 - 1/4 1288	ENTERPRISE RENT-A-CAR 431 SOUTH MCDOWELL STREET RALEIGH, NC 27601	UST	U003202308

UST:

Facility ID:	0-006722
Telephone:	(919) 873-1300
Owner name :	CP&L/MGR. ENVIRONMENTAL SERVICES
Owner Address:	PO BOX 327 - ELLEN PULASKI
	NEW HILL, NC 27562
Owner Phone :	(919) 362-3400
Tank capacity :	10000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	Steel
Exterior Protection:	FRP
Piping material :	FRP
Certify Type :	Installer certified by tank and piping manufacturers
Leak Detection Type :	Periodic tank tightness testing
Leak Detection Piping :	Automatic line leak detectors
Corrosn Protec Tank:	Steel/FRP composite
Corrosn Protec Pipe:	FRP tank/piping
Spill and Overfill :	Catchment basins
Financial Responsiblity :	Financial test of self insurance
Region:	05
Tank ID:	A1
Date installed:	01/24/1993
Date removed:	Not reported
Status:	Currently In Use

Facility ID:	0-006722
Telephone:	(919) 873-1300
Owner name :	CP&L/MGR. ENVIRONMENTAL SERVICES
Owner Address:	PO BOX 327 - ELLEN PULASKI
	NEW HILL, NC 27562
Owner Phone :	(919) 362-3400
Tank capacity :	10000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	Steel
Exterior Protection:	FRP
Piping material :	FRP
Certify Type :	Installer certified by tank and piping manufacturers
Leak Detection Type :	Automatic tank guaging
Leak Detection Piping :	Automatic line leak detectors
Corrosn Protec Tank:	Steel/FRP composite
Corrosn Protec Pipe:	FRP tank/piping
Spill and Overfill :	Catchment basins
Financial Responsiblity :	Financial test of self insurance
Region:	05
Tank ID:	A2
Date installed:	01/24/1993
Date removed:	Not reported
Status:	Currently In Use

Facility ID:	0-006722
Telephone:	(919) 873-1300
Owner name :	CP&L/MGR. ENVIRONMENTAL SERVICES
Owner Address:	PO BOX 327 - ELLEN PULASKI
	NEW HILL, NC 27562
Owner Phone :	(919) 362-3400
Tank capacity :	10000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture

Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Financial test of self insurance
Region:	05
Tank ID:	1
Date installed:	05/08/1984
Date removed:	01/24/1993
Status:	Permanent Closed

Facility ID:	0-006722
Telephone:	(919) 873-1300
Owner name :	CP&L/MGR. ENVIRONMENTAL SERVICES
Owner Address:	PO BOX 327 - ELLEN PULASKI
	NEW HILL, NC 27562
Owner Phone :	(919) 362-3400
Tank capacity :	10000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Financial test of self insurance
Region:	05
Tank ID:	2
Date installed:	05/08/1984
Date removed:	01/24/1993
Status:	Permanent Closed

Facility ID:	0-006722
Telephone:	(919) 873-1300
Owner name :	CP&L/MGR. ENVIRONMENTAL SERVICES
Owner Address:	PO BOX 327 - ELLEN PULASKI
	NEW HILL, NC 27562
Owner Phone :	(919) 362-3400
Tank capacity :	500
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Financial test of self insurance
Region:	05
Tank ID:	3
Date installed:	05/13/1966
Date removed:	12/31/1989

Status:	Permanent Closed
Facility ID:	0-006722
Telephone:	(919) 873-1300
Owner name :	CP&L/MGR. ENVIRONMENTAL SERVICES
Owner Address:	PO BOX 327 - ELLEN PULASKI
	NEW HILL, NC 27562
Owner Phone :	(919) 362-3400
Tank capacity :	500
Comment :	Not reported
Tank product :	Oil, New/Used/Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Financial test of self insurance
Region:	05
Tank ID:	4
Date installed:	05/13/1966
Date removed:	08/08/1986
Status:	Permanent Closed
Facility ID:	0-006722
Telephone:	(919) 873-1300
Owner name :	CP&L/MGR. ENVIRONMENTAL SERVICES
Owner Address:	PO BOX 327 - ELLEN PULASKI
	NEW HILL, NC 27562
Owner Phone :	(919) 362-3400
Tank capacity :	500
Comment :	Not reported
Tank product :	Oil, New/Used/Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Unknown
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Financial test of self insurance
Region:	05
Tank ID:	5
Date installed:	05/11/1974
Date removed:	05/23/1989
Status:	Permanent Closed

I25 NNW 1/8 - 1/4 1319	NC DEPT OF REVENUE 100 W. MORGAN ST. RALEIGH, NC	IMD LUST	S101573718

LUST:

Incident Number:	12602	Region:	RAL
Date Occurred:	7/13/94	Submit Date:	08/24/1994
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	CP&L FOUND AN ORPHAN FUEL OIL TANK. MINOR SOIL CONTAM. CONFIRMED.		
Owner:	Not reported		
Owner Phone:	Not reported		
	100 W. MORGAN ST RALEIGH, NC 27603 WAKE County		

Ownership:	Municipal		
Operation:	Public Service		
Material:	#2 FUEL OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Heating Oil
Location:	Other	Setting:	Urban
Site Priority:	20E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	12602
Region:	RAL
Date Occurred:	07/13/1994
Submit Date:	08/24/1994
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	Not reported 100 W. MORGAN ST RALEIGH, NC 27603 WAKE County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	20E
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	CP&L FOUND AN ORPHAN FUEL OIL TANK. MINOR SOIL CONTAM. CONFIRMED.
Ownership:	Municipal
Operation:	Public Service
Material:	#2 FUEL OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Heating Oil
Location:	Other
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	NC DEPT OF REVENUE
Lat/Long:	Not reported
Risk Site	Yes

J26 SW 1/4 - 1/2 1360	RALEIGH COAL GAS PLANT NO. 1 S MCDOWELL / W CABARRUS STS RALEIGH, NC 27601	SHWS CERCLIS FINDS	1000482204 NCD986188894

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Ownership Status:	Unknown	NPL Status:	Not on the NPL
Site Description:	COAL GAS PLANT OPERATED 1889 - 1930		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	19910522
Assessment:	PRELIMINARY ASSESSMENT	Completed:	19930414

CERCLIS Site Status:

Low

SHWS:

Facility ID: NCD986188894
Facility Status: Not reported

I27 NNW 1/4 - 1/2 1370	BELLSOUTH FACILITY # 21311 121 WEST MORGAN STREET RALEIGH, NC	LUST	S105043641

LUST:

Incident Number:	21866	Region:	RAL
Date Occurred:	Not reported	Submit Date:	06/13/2000
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	(2) 30000 GAL DIESEL UST REMOVED 5/8/1996. SOIL CONTAM DETECTED IN SAMP AT CLOSURE. 26000 MG/KG TPH DIESEL IN SAMP "SS-4"		
Owner:	KEYE JONES, MGR. ENV. MANAGEMENT		
Owner Phone:	704-417-7707 RM#14A10, 300 S. BREVARD STREET CHARLOTTE, NC 28202 MECKL County		
Ownership:	Private		
Operation:	Commercial		
Material:	DIESEL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Residential
Site Priority:	Not reported		
Priority Code:	7/11/00	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Soil Samples
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-005672	GPS Confirmed:	Not reported
Last Modified:	05/03/2001	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	6/16/2000	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

I28 NNW 1/4 - 1/2	SOUTHERN BELL TELEPHONE 121 W. MORGAN ST. RALEIGH, NC	IMD LUST	S101524302

RALEIGH, NC

1370

LUST:

Incident Number:	10996	Region:	RAL
Date Occurred:	8/16/93	Submit Date:	10/06/1993
GW Contam:	Not reported	Soil Contam:	Yes
Incident Desc:	UPON REMOVAL OF UST, CONTAMINATED SOIL WAS DISCOVERED.		
Owner:	KAYE JONES		
Owner Phone:	Not reported		
	408 SOUTHERN NATIONAL CENTER		
	CHARLOTTE, NC 28230		
	MECKL County		
Ownership:	Private		
Operation:	Commercial		
Material:	DIESEL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	20E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Soil Samples
7.5 Min Quad:	Not reported	5 Min Quad:	K39Q
Lat/Long:	354645 / 783830	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-005203	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	10996
Region:	RAL
Date Occurred:	08/16/1993
Submit Date:	10/06/1993
GW Contam:	Not reported
Soil Contam:	Yes
Operator:	KAYE JONES
	408 SOUTHERN NATIONAL CENTER
	CHARLOTTE, NC 28230
	MECKL County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	20E
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	K39Q
Incident Desc:	UPON REMOVAL OF UST, CONTAMINATED SOIL WAS DISCOVERED.
Ownership:	Private
Operation:	Commercial
Material:	DIESEL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties

Samples Include: Soil Samples
Owner Company: BELL SOUTH TELECOMMUNICATIONS
Lat/Long: 354645 / 783830
Risk Site Yes

J29 SW 1/4 - 1/2 1376	RALEIGH COAL GAS PLANT NO. 2 W. CABARRUS ST RALEIGH, NC 27603	CERCLIS FINDS	1000482205 NCD986188902

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Ownership Status:	Unknown	NPL Status:	Not on the NPL
Site Description:	COAL GAS PLANT OPERATED 1930 - 1950		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	19910522
Assessment:	PRELIMINARY ASSESSMENT	Completed:	19930414

CERCLIS Site Status:
Low

30 WEST 1/4 - 1/2 1455	NEW WAKE CO. JAIL SALISBURY ST. RALEIGH, NC	IMD LUST	S101522869

LUST:

Incident Number:	6004	Region:	RAL
Date Occurred:	9/7/90	Submit Date:	10/15/1990
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	CONTAM. SOIL WAS FOUND IN FRONT OF PARKING DECK BESIDE 1ST FEDERAL BANK. LAW ENGINEERING COLLECTED SAMPLES.		
Owner:	UNKNOWN		
Owner Phone:	Not reported UNK UNK, UN UNK		
Ownership:	Unknown		
Operation:	Not reported		
Material:	FUEL OIL		
Qty Lost:	Not reported	Qty Recovered:	NONE
Source:	Leak-underground	Type:	Heating Oil
Location:	Other	Setting:	Urban
Site Priority:	45D		
Priority Code:	Not reported	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Soil Samples
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354634 / 783836	Risk Site	No
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	6004
Region:	RAL
Date Occurred:	09/07/1990
Submit Date:	10/15/1990
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	UNKNOWN UNK UNK, UN UNK
Contact Phone:	Not reported

Priority Code:	D
Priority Update:	/ /
Site Priority:	45D
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	CONTAM. SOIL WAS FOUND IN FRONT OF PARKING DECK BESIDE 1ST FEDERAL BANK. LAW ENGINEERING COLLECTED SAMPLES.
Ownership:	Unknown
Operation:	Not reported
Material:	FUEL OIL
Qty Lost:	Not reported
Qty Recovered:	NONE
Source:	Leak-underground
Type:	Heating Oil
Location:	Other
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples
Owner Company:	UNK
Lat/Long:	354634 / 783836
Risk Site	No

31
ESE
1/4 - 1/2
1471

DAVIE ST. STATION (FORMER)
412 E. DAVIE ST.
RALEIGH, NC 27601

IMD
LUST
UST

U003143159

LUST:

Incident Number:	10820	Region:	RAL
Date Occurred:	7/8/93	Submit Date:	08/29/1993
GW Contam:	Yes	Soil Contam:	Not reported
Incident Desc:	REMOVED UST AND FOUND SOIL CONTAMINATION. 2502 PPM GASOLINE.		
Owner:	NELL HARRAND		
Owner Phone:	Not reported		
	220 WINDSOR DRIVE		
	SHELBY, NC 28150		
	WAKE County		
Ownership:	Private		
Operation:	Commercial		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	40E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Groundwater Samples
7.5 Min Quad:	Not reported	5 Min Quad:	K39T
Lat/Long:	354630 / 783759	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-005129	GPS Confirmed:	Not reported
Last Modified:	01/26/1999	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	10/19/1998	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	4/2/1996		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	10820
Region:	RAL
Date Occurred:	07/08/1993
Submit Date:	08/29/1993
GW Contam:	Yes
Soil Contam:	Not reported
Operator:	NELL HARRAND 220 WINDSOR DRIVE SHELBY, NC 28150 WAKE County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	40E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	K39T
Incident Desc:	REMOVED UST AND FOUND SOIL CONTAMINATION. 2502 PPM GASOLINE.
Ownership:	Private
Operation:	Commercial
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Groundwater Samples
Owner Company:	Not reported
Lat/Long:	354630 / 783759
Risk Site	Yes

UST:

Facility ID:	0-005129
Telephone:	(000) 000-0000
Owner name :	KATHERINE K. ACTON(EXECUTRIX)
Owner Address:	2804 WYCLIFF ROAD RALEIGH, NC 27607
Owner Phone :	(000) 000-0000
Tank capacity :	2000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	1
Date installed:	05/15/1961
Date removed:	08/02/1993
Status:	Permanent Closed
Facility ID:	0-005129
Telephone:	(000) 000-0000

Owner name :	KATHERINE K. ACTON(EXECUTRIX)
Owner Address:	2804 WYCLIFF ROAD
	RALEIGH, NC 27607
Owner Phone :	(000) 000-0000
Tank capacity :	4000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Fiberglass Reinforced Plastic
Interior Protection:	Unknown
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	2
Date installed:	05/15/1961
Date removed:	08/02/1993
Status:	Permanent Closed

Facility ID:	0-005129
Telephone:	(000) 000-0000
Owner name :	KATHERINE K. ACTON(EXECUTRIX)
Owner Address:	2804 WYCLIFF ROAD
	RALEIGH, NC 27607
Owner Phone :	(000) 000-0000
Tank capacity :	500
Comment :	Not reported
Tank product :	Kerosene, Kerosene Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	3
Date installed:	05/15/1961
Date removed:	08/02/1993
Status:	Permanent Closed

K32 NNW 1/4 - 1/2 1509	MITCHELL DIST CO HWY 54 RALEIGH, NC	IMD LUST	S101572192

LUST:

Incident Number:	8058	Region:	RAL
Date Occurred:	7/16/91	Submit Date:	06/03/1992
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	CONTAMINATION FOUND DURING UST REMOVAL		
Owner:	Not reported		
Owner Phone:	Not reported		
	3535 N GRAHAM ST		
	CHARLOTTE, NC 28210		
	MECKL County		
Ownership:	Private		
Operation:	Commercial		
Material:	MOTOR OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported

Source:	Leak-underground	Type:	Other petroleum product
Location:	Facility	Setting:	Urban
Site Priority:	Not reported		
Priority Code:	Not reported	Dem Contact:	NILE TESTERMAN
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-005400	GPS Confirmed:	Not reported
Last Modified:	03/15/1999	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	5/22/1992	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	8058
Region:	RAL
Date Occurred:	07/16/1991
Submit Date:	06/03/1992
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	Not reported 3535 N GRAHAM ST CHARLOTTE, NC 28210 MECKL County
Contact Phone:	Not reported
Priority Code:	Not reported
Priority Update:	/ /
Site Priority:	Not reported
Dem Contact:	NILE TESTERMAN
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	CONTAMINATION FOUND DURING UST REMOVAL
Ownership:	Private
Operation:	Commercial
Material:	MOTOR OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Other petroleum product
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	MITCHELL DIST CO
Lat/Long:	Not reported
Risk Site	Not reported

K33 NNW 1/4 - 1/2	MEREDITH COLLEGE-BREWER CENTER HILLSBOROUGH ST RALEIGH, NC	IMD LUST	S101572700

RALEIGH, NC

1509

LUST:

Incident Number:	9176	Region:	RAL
Date Occurred:	9/17/92	Submit Date:	09/29/1992
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	FUEL OIL MISSING FROM TANK		
Owner:	CLARK SUTTLE		
Owner Phone:	Not reported		
	Not reported		
	,		
Ownership:	Private		
Operation:	Educational/Religious		
Material:	FUEL OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Heating Oil
Location:	Residence	Setting:	Residential
Site Priority:	0E		
Priority Code:	Not reported	Dem Contact:	ST ARRINGTON
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	No
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-003271	GPS Confirmed:	Not reported
Last Modified:	03/15/1999	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Signed:	Not reported
Close-out Report:	9/21/1992	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	9176
Region:	RAL
Date Occurred:	09/17/1992
Submit Date:	09/29/1992
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	CLARK SUTTLE
	Not reported
	,
Contact Phone:	Not reported
Priority Code:	E
Priority Update:	/ /
Site Priority:	0E
Dem Contact:	ST ARRINGTON
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	FUEL OIL MISSING FROM TANK
Ownership:	Private
Operation:	Educational/Religious
Material:	FUEL OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Heating Oil
Location:	Residence
Setting:	Residential
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	MEREDITH COLLEGE

Lat/Long: Not reported
Risk Site No

K34 NNW 1/4 - 1/2 1509	STATE FAIRGROUNDS (VAULT) HILLSBOROUGH RD RALEIGH, NC	IMD LUST	S101574227

LUST:

Incident Number:	11269	Region:	RAL
Date Occurred:	6/30/93	Submit Date:	11/24/1993
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	SOIL CONTAMINATION FOUND DURING CONSTRUCTION OF NEW BUILDINGS AT NC STATE FAIRGROUNDS NEXT TO DORTEN ARENA.		
Owner:	DOVE K UHN		
Owner Phone:	Not reported		
	Not reported		
	, NC		
Ownership:	State		
Operation:	Not Reported		
Material:	PETRO		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Unknown	Type:	Gasoline/diesel
Location:	Facility	Setting:	Industrial
Site Priority:	Not reported		
Priority Code:	Not reported	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	12/22/1993	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	8/9/1993	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	11269
Region:	RAL
Date Occurred:	11/24/1993
Submit Date:	11/24/1993
GW Contam:	No
Soil Contam:	Not reported
Operator:	DOVE K UHN
	Not reported
	, NC
Contact Phone:	Not reported
Priority Code:	Not reported
Priority Update:	/ /
Site Priority:	Not reported
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	SOIL CONTAMINATION FOUND DURING CONSTRUCTION OF NEW BUILDINGS AT NC STATE FAIRGROUNDS NEXT TO DORTEN
Ownership:	State
Operation:	Not Reported
Material:	PETRO
Qty Lost:	Not reported
Qty Recovered:	Not reported

Source:	Unknown
Type:	Gasoline/diesel
Location:	Facility
Setting:	Industrial
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	WOOTEN CO
Lat/Long:	Not reported
Risk Site	Not reported

35
NW
1/4 - 1/2
1588

RALEIGH POLICE SERVICE CENTER
110 SOUTH MCDOWELL ST.
RALEIGH, NC

IMD
LUST

S103717360

LUST:

Incident Number:	19110	Region:	RAL
Date Occurred:	9/12/97	Submit Date:	10/21/1998
GW Contam:	Yes	Soil Contam:	Not reported
Incident Desc:	22,000 PPB BENZENE WAS FOUND IN GROUNDWATER.		
Owner:	RANDY LAYMON		
Owner Phone:	Not reported		
	P.O. BOX 590		
	RALEIGH, NC 27602		
	WAKE County		
Ownership:	Municipal		
Operation:	Public Service		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	601		
Priority Code:	10/21/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Groundwater Samples
7.5 Min Quad:	Not reported	5 Min Quad:	K39Q
Lat/Long:	354645 / 783830	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-005331	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	19110
Region:	RAL
Date Occurred:	09/12/1997
Submit Date:	10/21/1998
GW Contam:	Yes
Soil Contam:	Not reported
Operator:	RANDY LAYMON
	P.O. BOX 590
	RALEIGH, NC 27602
	WAKE County
Contact Phone:	Not reported
Priority Code:	I
Priority Update:	10/21/1998
Site Priority:	60I
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:

7.5 Min Quad:	Not reported
5 Min Quad:	K39Q
Incident Desc:	22,000 PPB BENZENE WAS FOUND IN GROUNDWATER.
Ownership:	Municipal
Operation:	Public Service
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Groundwater Samples
Owner Company:	CITY OF RALEIGH
Lat/Long:	354645 / 783830
Risk Site	Yes

36 WNW 1/4 - 1/2 1692	FIRE STATION #1 220 S. DAWSON ST. RALEIGH, NC 27602	IMD LUST UST	U001435399

LUST:

Incident Number:	6037	Region:	RAL
Date Occurred:	10/30/90	Submit Date:	11/15/1990
GW Contam:	Yes	Soil Contam:	Not reported
Incident Desc:	RELEASE DETECTED DURING UST REMOVAL.		
Owner:	CITY OF RALEIGH		
Owner Phone:	Not reported		
	P.O. BOX 590		
	RALEIGH, NC 27602		
	WAKE County		
Ownership:	Municipal		
Operation:	Public Service		
Material:	#2 FUEL OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Material:	DIESEL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	85E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354636 / 783839	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-006365	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	6037
Region:	RAL
Date Occurred:	10/30/1990
Submit Date:	11/15/1990
GW Contam:	Yes
Soil Contam:	Not reported
Operator:	CITY OF RALEIGH
	P.O. BOX 590
	RALEIGH, NC 27602
	WAKE County

Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	85E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	RELEASE DETECTED DURING UST REMOVAL.
Ownership:	Municipal
Operation:	Public Service
Material:	#2 FUEL OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Material:	DIESEL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	Not reported
Lat/Long:	354636 / 783839
Risk Site	Yes

UST:

Facility ID:	0-006365
Telephone:	(919) 890-4793
Owner name :	CITY OF RALEIGH
Owner Address:	PO BOX 590/ATTN:MARTY MOLNAR
	RALEIGH, NC 27602
Owner Phone :	(919) 890-3320
Tank capacity :	580
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	1
Date installed:	05/08/1961
Date removed:	10/30/1990
Status:	Permanent Closed

37 EAST 1/4 - 1/2	NW CORNER OF EAST & MARTIN ST. EAST / MARTIN ST. RALEIGH, NC	IMD LUST	S101643247

RALEIGH, NC

1701

LUST:

Incident Number:	14309	Region:	RAL
Date Occurred:	3/14/95	Submit Date:	07/31/1995
GW Contam:	Not reported	Soil Contam:	Yes
Incident Desc:	UPON REMOVAL OF 2 USTS, TPH WAS FOUND IN SOIL TO BE 12,400 PPM.		
Owner:	DOUG BETHONE		
Owner Phone:	Not reported		
	P.O. BOX 590		
	RALEIGH, NC 27602		
	WAKE County		
Ownership:	Municipal		
Operation:	Commercial		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	20E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Soil Samples
7.5 Min Quad:	Not reported	5 Min Quad:	K39Q
Lat/Long:	354636 / 783800	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	14309
Region:	RAL
Date Occurred:	03/14/1995
Submit Date:	07/31/1995
GW Contam:	Not reported
Soil Contam:	Yes
Operator:	DOUG BETHONE
	P.O. BOX 590
	RALEIGH, NC 27602
	WAKE County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	20E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	K39Q
Incident Desc:	UPON REMOVAL OF 2 USTS, TPH WAS FOUND IN SOIL TO BE 12,400 PPM.
Ownership:	Municipal
Operation:	Commercial
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties

Samples Include: Soil Samples
Owner Company: CITY OF RALEIGH
Lat/Long: 354636 / 783800
Risk Site Yes

38 NE 1/4 - 1/2 1713	MAIN POST OFFICE 310 NEW BERN AVE. RALEIGH, NC	IMD LUST	S100048340

LUST:

Incident Number:	5661	Region:	RAL
Date Occurred:	4/20/90	Submit Date:	06/08/1990
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	ANONYMOUS PHONE CALL; MOTOR OIL WAS BUBBLING UP BETWEEN CRACKS IN PARKING LOT.		
Owner:	MIKE BENZ		
Owner Phone:	Not reported		
	P. O. BOX 27497		
	GREENSBORO, NC 27495-1103		
	GUILF County		
Ownership:	Federal		
Operation:	Public Service		
Material:	MOTOR OIL		
Qty Lost:	Not reported	Qty Recovered:	NONE
Source:	Leak-underground	Type:	Other petroleum product
Location:	Facility	Setting:	Urban
Site Priority:	40E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354643 / 783804	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-010135	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

Incident Number:	16358	Region:	RAL
Date Occurred:	1/12/95	Submit Date:	10/10/1996
GW Contam:	Not reported	Soil Contam:	Yes
Incident Desc:	UPON REMOVAL OF UST, SOIL CONTAM. WAS 9,610 PPM.		
Owner:	MR. GREG MAY		
Owner Phone:	Not reported		
	310 NEW BERN AVE.		
	RALEIGH, NC 27601		
	WAKE County		
Ownership:	Private		
Operation:	Commercial		
Material:	FUEL OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Other petroleum product
Location:	Facility	Setting:	Urban
Site Priority:	20E		
Priority Code:	9/25/01	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Soil Samples
7.5 Min Quad:	Not reported	5 Min Quad:	K39Q
Lat/Long:	354645 / 783803	Risk Site	No
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-005419	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported

45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	5661
Region:	RAL
Date Occurred:	04/20/1990
Submit Date:	06/08/1990
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	MIKE BENZ P. O. BOX 27497 GREENSBORO, NC 27495-1103 GUILF County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	40E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	ANONYMOUS PHONE CALL; MOTOR OIL WAS BUBBLING UP BETWEEN CRACKS IN PARKING LOT.
Ownership:	Federal
Operation:	Public Service
Material:	MOTOR OIL
Qty Lost:	Not reported
Qty Recovered:	NONE
Source:	Leak-underground
Type:	Other petroleum product
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	US POSTAL SERVICE
Lat/Long:	354643 / 783804
Risk Site	Yes

Incident Number:	16358
Region:	RAL
Date Occurred:	01/12/1995
Submit Date:	10/10/1996
GW Contam:	Not reported
Soil Contam:	Yes
Operator:	MR. GREG MAY 310 NEW BERN AVE. RALEIGH, NC 27601 WAKE County
Contact Phone:	Not reported
Priority Code:	E
Priority Update:	09/25/2001
Site Priority:	20E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	K39Q
Incident Desc:	UPON REMOVAL OF UST, SOIL CONTAM. WAS 9,610 PPM.
Ownership:	Private
Operation:	Commercial

Material:	FUEL OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Other petroleum product
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples
Owner Company:	USGSA
Lat/Long:	354645 / 783803
Risk Site	No

39 NE 1/4 - 1/2 1840	GEORGE W. KANE, INC. 421 MARCON ST. DURHAM, NC	IMD LUST	S103130111

LUST:

Incident Number:	5130	Region:	RAL
Date Occurred:	6/29/89	Submit Date:	07/19/1989
GW Contam:	Yes	Soil Contam:	Not reported
Incident Desc:	DURING ROUTINE TANK PULL, PRODUCT WAS DISCOVERED IN BOTTOM OF TANK PIT.		
Owner:	MR. W.A. STOKES		
Owner Phone:	Not reported		
	P.O. BOX 2546		
	ORLEANS, MA 02653		
	DURHA County		
Ownership:	Private		
Operation:	Commercial		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	25 GALS.
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	115E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	360031 / 785408	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-005856	GPS Confirmed:	Not reported
Last Modified:	04/03/1991	Incident Phase:	FU
NOV Issued:	02/18/1991	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	5130
Region:	RAL
Date Occurred:	06/29/1989
Submit Date:	07/19/1989
GW Contam:	Yes
Soil Contam:	Not reported
Operator:	MR. W.A. STOKES
	P.O. BOX 2546
	ORLEANS, MA 02653
	DURHA County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	115E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000

Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	DURING ROUTINE TANK PULL, PRODUCT WAS DISCOVERED IN BOTTOM OF TANK PIT.
Ownership:	Private
Operation:	Commercial
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	25 GALS.
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	GEORGE W. KANE, INC.
Lat/Long:	360031 / 785408
Risk Site	Yes

40 SE 1/4 - 1/2 1891	SHAW UNIVERSITY NE CAMPUS E LENIOR ST / S BLOODWORTH RALEIGH, NC	IMD LUST	S101573865

LUST:

Incident Number:	13077	Region:	RAL
Date Occurred:	6/1/94	Submit Date:	12/28/1994
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	DURING BUILDING ACTIVITIES, SOME SOIL CON. WAS FOUND		
Owner:	Not reported		
Owner Phone:	Not reported		
	118 E SOUTH ST RALEIGH, NC 27610 WAKE County		
Ownership:	State		
Operation:	Educational/Religious		
Material:	HEATER OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Heating Oil
Location:	Facility	Setting:	Urban
Site Priority:	Not reported		
Priority Code:	Not reported	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-033546	GPS Confirmed:	Not reported
Last Modified:	05/03/2001	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	12/22/1994	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	13077
Region:	RAL
Date Occurred:	06/01/1994
Submit Date:	12/28/1994
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	Not reported
	118 E SOUTH ST RALEIGH, NC 27610 WAKE County

Contact Phone:	Not reported
Priority Code:	Not reported
Priority Update:	/ /
Site Priority:	Not reported
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	DURING BUILDING ACTIVITIES, SOME SOIL CON. WAS FOUND
Ownership:	State
Operation:	Educational/Religious
Material:	HEATER OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Heating Oil
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	SHAW UNIVERSITY
Lat/Long:	Not reported
Risk Site	Not reported

41
NNW
1/4 - 1/2
1957

MUSEUM OF NATURAL SCIENCE
123 NORTH SALISBURY STREET
RALEIGH, NC

IMD
LUST

S104914279

LUST:

Incident Number:	22121	Region:	RAL
Date Occurred:	4/16/96	Submit Date:	07/04/2000
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	(1) GAL OLD UST REMOVED 4/16/96. UNKNOWN PETRO AND WATER APPX 20 GAL REMOVED. (2) SAMP TAKEN UNDER UST T1=TPH DRO 711 MG/KG & 23.50 GAS MG/KG		
Owner:	DAVID WOOD, OFFICE OF STATE CONSTR		
Owner Phone:	919-733-7962 301 NORTH WILMINGTON STREET ST 405 RALEIGH, NC 27601-2827 WAKE County		
Ownership:	State		
Operation:	Public Service		
Material:	UNKNOWM PETROLEUM		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	63
Location:	Facility	Setting:	Residential
Site Priority:	L		
Priority Code:	8/21/00	Dem Contact:	Not reported
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Soil Samples
7.5 Min Quad:	SW/4RAL	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	10/31/2000	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	7/24/2000	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	22121
Region:	RAL
Date Occurred:	04/16/1996
Submit Date:	07/04/2000
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	DAVID WOOD, OFFICE OF STATE CONSTR 301 NORTH WILMINGTON STREET ST 405 RALEIGH, NC 27601-2827 WAKE County
Contact Phone:	919-733-7962
Priority Code:	L
Priority Update:	08/21/2000
Site Priority:	L
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	SW/4RAL
5 Min Quad:	Not reported
Incident Desc:	(1) GAL OLD UST REMOVED 4/16/96. UNKNOWN PETRO AND WATER APPX 20 GAL REMOVED. (2) SAMP TAKEN UNDER UST T1=TPH DRO 711 MG/KG & 23.50 GAS MG/KG
Ownership:	State
Operation:	Public Service
Material:	UNKNOWM PETROLEUM
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	63
Location:	Facility
Setting:	Residential
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples
Owner Company:	NC STATE
Lat/Long:	Not reported
Risk Site	Yes

42 NNE 1/4 - 1/2 1988	NC SCHOOL BD. ASSN. 311 E. EDENTON ST. RALEIGH, NC	IMD LUST	S101168100

LUST:

Incident Number:	6570	Region:	RAL
Date Occurred:	4/10/91	Submit Date:	05/17/1991
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	CONTAM. SOIL FOUND DURING TANK REMOVAL.		
Owner:	NITA HANFORD/N.C. SCHOOL BD. A		
Owner Phone:	Not reported 311 E. EDENTON ST. RALEIGH, NC 27601 WAKE County		
Ownership:	Private		
Operation:	Residential		
Material:	#2 FUEL OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Heating Oil
Location:	Residence	Setting:	Residential
Site Priority:	30E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0

Wells Contam:	Not reported		
Sampled By:	Dept. of Health Services	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354651 / 783740	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	6570
Region:	RAL
Date Occurred:	04/10/1991
Submit Date:	05/17/1991
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	NITA HANFORD/N.C. SCHOOL BD. A 311 E. EDENTON ST. RALEIGH, NC 27601 WAKE County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	30E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	CONTAM. SOIL FOUND DURING TANK REMOVAL.
Ownership:	Private
Operation:	Residential
Material:	#2 FUEL OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Heating Oil
Location:	Residence
Setting:	Residential
Wells Contam:	Not reported
Sampled By:	Dept. of Health Services
Samples Include:	Not reported
Owner Company:	Not reported
Lat/Long:	354651 / 783740
Risk Site	Yes

43 NW 1/4 - 1/2 2050	INSTRUMENT SOCIETY OF AMERICA 317 WEST MORGAN STREET RALEIGH, NC	IMD LUST	S104914644

LUST:

Incident Number:	22700	Region:	RAL
Date Occurred:	8/19/00	Submit Date:	01/05/2000
GW Contam:	Not reported	Soil Contam:	Yes
Incident Desc:	SOIL CONTAMINATION DISCOVERED UPON UST REMOVAL		
Owner:	DAVID JOHNSON		
Owner Phone:	919 990-9430 67 ALEXANDER DRIVE RTP, NC 27709 WAKE County		
Ownership:	Private		
Operation:	Commercial		

Material:	Not reported		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Other petroleum product
Location:	Other	Setting:	Residential
Site Priority:	U		
Priority Code:	1/5/01	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	2	Source Type:	C
Facility ID:	Not reported	GPS Confirmed:	No
Last Modified:	01/02/2001	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	22700
Region:	RAL
Date Occurred:	08/19/2000
Submit Date:	01/05/2000
GW Contam:	Not reported
Soil Contam:	Yes
Operator:	DAVID JOHNSON 67 ALEXANDER DRIVE RTP, NC 27709 WAKE County
Contact Phone:	919 990-9430
Priority Code:	Not reported
Priority Update:	01/05/2001
Site Priority:	U
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	SOIL CONTAMINATION DISCOVERED UPON UST REMOVAL
Ownership:	Private
Operation:	Commercial
Material:	Not reported
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Other petroleum product
Location:	Other
Setting:	Residential
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Owner Company:	INSTRUMENT SOCIETY OF AMERICA
Lat/Long:	Not reported
Risk Site	Not reported

44 NW 1/4 - 1/2 2178	LOZUPONE PROPERTY HILLSBOROUGH / DAWSON ST. RALEIGH, NC	IMD LUST	S100048338

LUST:

Incident Number:	5372	Region:	RAL
Date Occurred:	12/23/89	Submit Date:	02/06/1990
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	LEAKING PRODUCT LINES FOUND DURING TANK ABONDONMENT AT FORMER SHELL STATION.		
Owner:	RICH TAMBASCIO		
Owner Phone:	Not reported		
	11921 FREEDOM DR-2 FOUNTAIN SQ RESTON, VA 22090		
Ownership:	Not Reported		
Operation:	Commercial		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	NONE
Material:	DIESEL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Material:	WASTE OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	55E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Soil Samples
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354650 / 783839	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	09/28/2000	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	9/8/2000	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	5372
Region:	RAL
Date Occurred:	12/23/1989
Submit Date:	02/06/1990
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	RICH TAMBASCIO 11921 FREEDOM DR-2 FOUNTAIN SQ RESTON, VA 22090
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	55E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	LEAKING PRODUCT LINES FOUND DURING TANK ABONDONMENT AT FORMER SHELL STATION.
Ownership:	Not Reported
Operation:	Commercial
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	NONE

Material:	DIESEL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Material:	WASTE OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples
Owner Company:	SHELL OIL COMPANY
Lat/Long:	354650 / 783839
Risk Site	Yes

45
NNW
1/4 - 1/2
2348

DEPT. OF ADMIN.-JONES ST.
116 W. JONES ST.
RALEIGH, NC

IMD
LUST

S102867978

LUST:

Incident Number:	3499	Region:	RAL
Date Occurred:	8/18/87	Submit Date:	09/09/1987
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	A UST SHOWING VISIBLE SIGNS OF CORROSION LEAKED 50-75 GALS OF FUEL OIL.		
Owner:	SPEROS FLEGGAS		
Owner Phone:	Not reported		
	301 N. WILMINGTON STREET		
	RALEIGH, NC 27601-2827		
Ownership:	State		
Operation:	Public Service		
Material:	FUEL OIL		
Qty Lost:	Not reported	Qty Recovered:	UNK
Source:	Leak-underground	Type:	Other petroleum product
Location:	Facility	Setting:	Urban
Site Priority:	35E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Other	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354700 / 783827	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	Not reported	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	3499
Region:	RAL
Date Occurred:	08/18/1987
Submit Date:	09/09/1987
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	SPEROS FLEGGAS
	301 N. WILMINGTON STREET
	RALEIGH, NC 27601-2827
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	35E
Dem Contact:	Not reported
Wells Affected:	No

Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	A UST SHOWING VISIBLE SIGNS OF CORROSION LEAKED 50-75 GALS OF FUEL OIL.
Ownership:	State
Operation:	Public Service
Material:	FUEL OIL
Qty Lost:	Not reported
Qty Recovered:	UNK
Source:	Leak-underground
Type:	Other petroleum product
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Other
Samples Include:	Not reported
Owner Company:	DEPARTMENT OF ADMINISTRATION
Lat/Long:	354700 / 783827
Risk Site	Yes

46 WNW 1/4 - 1/2 2454	DILLON SUPPLY CO. 216 S. WEST ST. RALEIGH, NC	IMD LUST	S101168149

LUST:

Incident Number:	6724	Region:	RAL
Date Occurred:	6/27/91	Submit Date:	06/13/1991
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	SOIL SAMPLES CONFIRMED THAT A RELEASE HAD OCCURRED.		
Owner:	BOBBY BRANTLY		
Owner Phone:	Not reported		
	216 S. WEST ST.		
	RALEIGH, NC 27602		
	WAKE County		
Ownership:	Private		
Operation:	Commercial		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Material:	DIESEL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Not reported
Site Priority:	75E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Soil Samples
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354645 / 783845	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-025153	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	6724
Region:	RAL
Date Occurred:	06/27/1991
Submit Date:	06/13/1991
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	BOBBY BRANTLY 216 S. WEST ST. RALEIGH, NC 27602 WAKE County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	75E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	SOIL SAMPLES CONFIRMED THAT A RELEASE HAD OCCURRED.
Ownership:	Private
Operation:	Commercial
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	Not reported
Material:	DIESEL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Not reported
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples
Owner Company:	DILLON SUPPLY CO.
Lat/Long:	354645 / 783845
Risk Site	Yes

47 SW 1/4 - 1/2 2529	ROSE SONS AUTO SERVICE INC 410 W SOUTH ST RALEIGH, NC 27601	RCRIS-SQG FINDS IMD LUST UST	1000195102 NCD981855612

RCRIS:

Owner:	ROSE & SONS AUTO SERVICE, INC.
Contact:	KENNETH ROSE (919) 834-6201
Record Date:	12/08/1998
Classification:	Small Quantity Generator
Used Oil Recyc:	No
Violation Status:	No violations found

LUST:

Incident Number:	8076	Region:	RAL
Date Occurred:	11/21/91	Submit Date:	06/03/1992
GW Contam:	Not reported	Soil Contam:	Not reported
Incident Desc:	CONTAMINATION FOUND DURING UST REMOVAL		
Owner:	KENNETH ROSE		
Owner Phone:	Not reported		
	410 W SOUTH ST		
	RALEIGH, NC 27601		
	WAKE County		
Ownership:	Private		
Operation:	Commercial		
Material:	USED OIL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Other petroleum product
Location:	Facility	Setting:	Urban
Site Priority:	Not reported		
Priority Code:	Not reported	Dem Contact:	NILE TESTERMAN
Wells Affected:	Not reported	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Not reported	Samples Include:	Not reported
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	Not reported	Risk Site	Not reported
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-005783	GPS Confirmed:	Not reported
Last Modified:	03/15/1999	Incident Phase:	CO
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	5/22/1992	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
Reclassification Report:	Not reported		
Closure Request Date:	Not reported		

IMD:

Incident Number:	8076
Region:	RAL
Date Occurred:	11/21/1991
Submit Date:	06/03/1992
GW Contam:	Not reported
Soil Contam:	Not reported
Operator:	KENNETH ROSE
	410 W SOUTH ST
	RALEIGH, NC 27601
	WAKE County
Contact Phone:	Not reported
Priority Code:	Not reported
Priority Update:	/ /
Site Priority:	Not reported
Dem Contact:	NILE TESTERMAN
Wells Affected:	Not reported
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	CONTAMINATION FOUND DURING UST REMOVAL
Ownership:	Private
Operation:	Commercial
Material:	USED OIL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Other petroleum product
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported

Owner Company: ROSE & SONS AUTO SERVICE
Lat/Long: Not reported
Risk Site Not reported

UST:

Facility ID:	0-005783
Telephone:	(919) 834-6201
Owner name :	ROSE & SONS AUTO SERVICE. INC.
Owner Address:	410 WEST SOUTH STREET
	RALEIGH, NC 27601
Owner Phone :	(919) 834-6201
Tank capacity :	500
Comment :	Not reported
Tank product :	Oil, New/Used/Mixture
Tank material :	Steel
Interior Protection:	Unknown
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	Not reported
Region:	05
Tank ID:	1
Date installed:	05/07/1981
Date removed:	11/21/1991
Status:	Permanent Closed

48 WSW 1/4 - 1/2 2562	CLANCEY & THEYS CONST. GARAGE 516 CABARRUS ST. RALEIGH, NC 27603	IMD LUST UST	U001435592

LUST:

Incident Number:	5210	Region:	RAL
Date Occurred:	8/22/89	Submit Date:	09/13/1989
GW Contam:	Yes	Soil Contam:	Not reported
Incident Desc:	CONTAMINATION DISCOVERED DURING TANK REMOVAL.		
Owner:	J. G. WILSON/CLANCEY & THEYS		
Owner Phone:	Not reported		
	516 CABARRUS ST. RALEIGH, NC 27604 WAKE County		
Ownership:	Private		
Operation:	Commercial		
Material:	GASOLINE		
Qty Lost:	Not reported	Qty Recovered:	UNK
Material:	DIESEL		
Qty Lost:	Not reported	Qty Recovered:	Not reported
Source:	Leak-underground	Type:	Gasoline/diesel
Location:	Facility	Setting:	Urban
Site Priority:	50E		
Priority Code:	4/16/98	Dem Contact:	Not reported
Wells Affected:	No	Num Affected:	0
Wells Contam:	Not reported		
Sampled By:	Responsible Parties	Samples Include:	Groundwater Samples
7.5 Min Quad:	Not reported	5 Min Quad:	Not reported
Lat/Long:	354908 / 784130	Risk Site	Yes
Release Code:	Not reported	Source Type:	Not reported
Facility ID:	0-006680	GPS Confirmed:	Not reported
Last Modified:	/ /	Incident Phase:	RE
NOV Issued:	/ /	NORR Issued:	Not reported
45 Day Report:	Not reported	Soc Sighned:	Not reported
Close-out Report:	Not reported	RS Designation:	Not reported
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		

Reclassification Report:	Not reported
Closure Request Date:	Not reported

IMD:

Incident Number:	5210
Region:	RAL
Date Occurred:	08/22/1989
Submit Date:	09/13/1989
GW Contam:	Yes
Soil Contam:	Not reported
Operator:	J. G. WILSON/CLANCEY & THEYS 516 CABARRUS ST. RALEIGH, NC 27604 WAKE County
Contact Phone:	Not reported
Priority Code:	L
Priority Update:	04/16/1998
Site Priority:	50E
Dem Contact:	Not reported
Wells Affected:	No
Num Affected:	0.00000
Sampled By:	Samples Include:
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Incident Desc:	CONTAMINATION DISCOVERED DURING TANK REMOVAL.
Ownership:	Private
Operation:	Commercial
Material:	GASOLINE
Qty Lost:	Not reported
Qty Recovered:	UNK
Material:	DIESEL
Qty Lost:	Not reported
Qty Recovered:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Groundwater Samples
Owner Company:	CLANCEY & THEYS
Lat/Long:	354908 / 784130
Risk Site	Yes

UST:

Facility ID:	0-006680
Telephone:	(919) 834-3601
Owner name :	CLANCY & THEYS CONSTRUCTION CO.
Owner Address:	PO BOX 27608/516 W.CABARRUS ST RALEIGH, NC 27611
Owner Phone :	(919) 834-1641
Tank capacity :	275
Comment :	CONCRETE VAULT TK
Tank product :	Oil, New/Used/Mixture
Tank material :	Concrete
Interior Protection:	Other
Exterior Protection:	Other
Piping material :	Cathodic Protection
Certify Type :	Not reported
Leak Detection Type :	Interstitial monitoring/secondary barrier
Leak Detection Piping :	Interstitial monitoring/double-walled tank and/or piping
Corrosn Protec Tank:	Other type
Corrosn Protec Pipe:	Steel/FRP composite
Spill and Overfill :	Catchment basins
Financial Responsiblity :	State funds
Region:	05
Tank ID:	A1
Date installed:	11/01/1991

Date removed:	Not reported
Status:	Currently In Use

Facility ID:	0-006680
Telephone:	(919) 834-3601
Owner name :	CLANCY & THEYS CONSTRUCTION CO.
Owner Address:	PO BOX 27608/516 W.CABARRUS ST
	RALEIGH, NC 27611
Owner Phone :	(919) 834-1641
Tank capacity :	8000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	State funds
Region:	05
Tank ID:	1
Date installed:	05/16/1974
Date removed:	08/01/1989
Status:	Permanent Closed

Facility ID:	0-006680
Telephone:	(919) 834-3601
Owner name :	CLANCY & THEYS CONSTRUCTION CO.
Owner Address:	PO BOX 27608/516 W.CABARRUS ST
	RALEIGH, NC 27611
Owner Phone :	(919) 834-1641
Tank capacity :	2000
Comment :	Not reported
Tank product :	Diesel, Diesel Mixture
Tank material :	Steel
Interior Protection:	None
Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	State funds
Region:	05
Tank ID:	2
Date installed:	05/17/1971
Date removed:	08/01/1989
Status:	Permanent Closed

Facility ID:	0-006680
Telephone:	(919) 834-3601
Owner name :	CLANCY & THEYS CONSTRUCTION CO.
Owner Address:	PO BOX 27608/516 W.CABARRUS ST
	RALEIGH, NC 27611
Owner Phone :	(919) 834-1641
Tank capacity :	8000
Comment :	Not reported
Tank product :	Gasoline, Gasoline Mixture
Tank material :	Steel
Interior Protection:	None

Exterior Protection:	Paint
Piping material :	Steel
Certify Type :	Not reported
Leak Detection Type :	Not reported
Leak Detection Piping :	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill :	Not reported
Financial Responsiblity :	State funds
Region:	05
Tank ID:	3
Date installed:	05/14/1980
Date removed:	08/01/1989
Status:	Permanent Closed

49 SW 1/2 - 1 4073	EAST CAROLINA METAL TREAT, INC. 1014 S. SAUNDERS STREET RALEIGH, NC 27603	SHWS RCRIS-SQG FINDS TRIS CERC-NFRAP	1000391228 NCD040047466

CERCLIS-NFRAP Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Ownership Status:	Other	NPL Status:	Not on the NPL
Site Description:	Not reported		

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	19810601
Assessment:	PRELIMINARY ASSESSMENT	Completed:	19850601
Assessment:	SITE INSPECTION	Completed:	19880808

CERCLIS-NFRAP Alias Name(s):

EAST CAROLINA HEAT TREAT SERV

RCRIS:

Owner:	CORPORATION
Contact:	ROSCOE L STRICKLAND (919) 833-0690
Record Date:	09/27/1989
Classification:	Small Quantity Generator
Used Oil Recyc:	No
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Permit Compliance System (PCS)

SHWS:

Facility ID:	NCD040047466
Facility Status:	No Further Action

50 SW 1/2 - 1 4427	EAST CAROLINA HEAT TREAT SERV , NC	NC HSDS	S102442423

NC HSDS:

Facility Name:	EAST CAROLINA HEAT TREAT SERV		
Latitude:	35 46 4.867306	Longitude:	78 38 57.958781
Site Type:	Federal	Superfund ID #:	040 047 466

51 SSE 1/2 - 1 4971	ASHLAND CHEMICAL COMPANY 1415 BLOODWORTH ST RALEIGH, NC 27601	RAATS SHWS	1000276768
	SHWS: Facility ID: NCD088560032 Facility Status: Not reported		

Preliminary Orphan Summary

City	EDR ID	Site Name	Site Address	Zip	Databases	Facility ID
FUQUAY-VARINA	U001435541	VILLAGE CONVENIENT MART	HIGHWAY 401 SOUTH	27603	IMD, LUST, UST	0-006598
RALEIGH	S104919028	ITT CORPORATION	1208 FRONT ST BLDG K		SHWS	NCD000616276
RALEIGH	S103717506	RDU AIRPORT AFSS	1705 EAST INTERNATIONAL DRIVE		IMD, LUST	19315
RALEIGH	1000181011	INTERNATIONAL PAPER	2215 S. WILMINGTON ST.	27603	IMD, LUST	3865
RALEIGH	S104919029	ITT CORPORATION	3004 INDUSTRIAL DR BDG D		SHWS	NCD000616284
RALEIGH	S105120356	ANILORAC EDGE II PROPERTY	3040 S. WILMINGTON STREET	27603	IMD, LUST	23378
RALEIGH	S105120360	HAN-DEE HUGO #67	412 EAST DAVIE STREET	27601	IMD, LUST	23382
RALEIGH	S104482972	WILKINS DETAIL & REPAIR	418 EAST ST.		IMD, LUST	20846
RALEIGH	U001439475	GENERAL SERVICES ADMINISTRATI	420 S PERSON STREEET	27601	UST	0-031149
RALEIGH	S105119742	AARON HALE RESIDENCE	4205 FAYETTEVILLE RD.	27603	IMD, LUST	5714
RALEIGH	S105119823	ADCOCK PROPERTY	5500 FAYETTEVILLE RD	27603	IMD, LUST	13081
RALEIGH	S105120221	ELDER RESIDENCE (JOSEPH)	625 BUCK JONES ROAD		IMD, LUST	23198
RALEIGH	S103240122	WAKE CO HHW COLLECTION FACILITY	9004 DEPONIE DRIVE		SWF/LF	6
RALEIGH	S103554485	NC STATE UNIV. (LOT 86 FARM UNIT)	CARTER-FINLEY STADIUM		SHWS	NCD980557656
RALEIGH	S103554604	TOWNE NORTH SHOPPING CENTER	CREEDMOOR ROAD		SHWS	NONCD0001017
RALEIGH	S103229165	DURANT PARK	DURANT ROAD		SHWS	NONCD0000037
RALEIGH	S103240128	CAROLINA POWER & LIGHT CO	HARRIS PLANT SITE		SWF/LF	10
RALEIGH	S103554451	MALLINKRODT, INCORPORATED	HIGHWAY #1 NORTH		SHWS	NCD980729297
RALEIGH	U001435414	EATMANS CARPETS	HIGHWAY 70 EAST	27601	UST	0-006380
RALEIGH	S104914374	YELLOW FREIGHT SYSTEM, INC.	HWY 70 W.		IMD, LUST	22283
RALEIGH	S104913996	NCSU LOT 86 SUPERFUND SITE	LOT 86 AT CARTER FINLEY		IMD	85490
RALEIGH	S103229566	WARD TRANSFORMER	MT. HERMAN CHURCH ROAD		SHWS	NCD003202603
RALEIGH	S103131786	NC DOT SITE # 29	NORTHSIDE DRIVE		IMD	17574
RALEIGH	S103240173	COLONIAL BUILDING CO INC	NORWOOD RD/SR 1834		SWF/LF	15
RALEIGH	S102443304	OLDE STAGE GOLF & COUNTRY CLUB	OLD STAGE ROAD (SR 1006)		IMD, LUST	16605
RALEIGH	S103554538	SAFETY-KLEEN CORP 3-171-01	RT 3, 6225 OLD STAGE ROAD		SHWS	NCD000776740
RALEIGH	U001440114	GRAY FUNERAL HOME	S WILMINGTON ST		UST	0-033065
RALEIGH	U001435035	SO BELL-RLGHNCN0	S.R. 1831	27601	UST	0-005673
RALEIGH	S103240334	WAKE COUNTY LANDFILL	SR 2006		SWF/LF	1
RALEIGH	S104907690	SHOTWELL LANDFILL INC.	SR 2233 (SMITHFIELD RD)		SWF/LF	4
RALEIGH	S104914317	SELF SERVE-R.B. HOPKINS-PRIP	SR 2551 / SR 1007		IMD, LUST	22186
RALEIGH	S103229465	SIR WALTER GUN CLUB	US 64		SHWS	NONCD0000019
RALEIGH	S103240254	NEUSE DEMO LANDFILL	WAYNE ADAMS THORNTON		SWF/LF	15

RALEIGH	S103554516	RALEIGH COAL GAS PLANT NO. 2	WEST CABARRUS STREET		SHWS	NCD986188902
RALEIGH	S104402466	RALEIGH, CITY OF YW FACILITY	WILDER'S GROVE LF		SWF/LF	16

EDR PUR-IQ™ Report

"the intelligent way to conduct historical research"

The EDR PUR-IQ report facilitates historical research planning required to complete the Phase I ESA process. The report identifies the *likelihood* of prior use coverage by searching EDR's proprietary historical source(s) database comprising nationwide information on: city directories, fire insurance maps, aerial photographs and historical topographic maps, flood maps, and National Wetland Inventory maps.

Potential for Historical (Prior Use) Coverage - Coverage in the following historical information sources may be used as a guide to develop your historical research strategy.

Number	Source	Coverage
1	City Directory	Coverage exists for portions of RALEIGH for: 1940, 1941, 1945, 1946, 1947, 1950, 1951, 1955, 1956, 1957, 1958, 1960, 1961, 1962, 1965, 1966, 1970, 1971, 1973, 1975, 1976, 1980, 1981, 1985, 1986, 1990, 1994, 1995, 1996, 1997, 1998
2	Fire Insurance Map	When you order online any ASTM 2000 Package, or an EDR Radius Map with a Sanborn Map Search/Print, you receive site specific Sanborn Map coverage information at no charge.
3	Aerial Photograph	Full Coverage exists for Wake County
4	Topographic Map	USGS 7.5 minute quad sheet(s) associated with this site: **Historic** Coverage exists for Wake County **Current** Target Property: 2435078-G6 Raleigh West NC Additional required for 1 mile radius: 2435078-G5 Raleigh East NC
5	Flood Insurance Rate Map (FEMA)	Coverage is available for Wake County

EDR's network of professional researchers, located throughout the United States, accesses the most extensive national collections of city directory, fire insurance map, aerial photograph, historical topographic map and flood insurance map resources available for RALEIGH, NC . These collections may be located in multiple libraries throughout the country. To insure maximum coverage, EDR will often assign researchers at these multiple locations on your behalf.

Preliminary Map Report complete.

APPENDIX B

DIRECT PUSH TECHNOLOGY DERIVED SOIL BORING LOGS

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Asphalt	5' – 0 10' – 19.8 15' – 0 20' – 2.9 25' – 0 30' – 0 35' - 0
3" – 14	Fill material	
14 – 17	Quartz lens with ¼" to ½" fragments	
17 - 27	Brown **SILT**, moist with mottles	
27 – 33	Quartz lens, moist	
33 - 38	Brown **SILT** with mottles, wet at 34'	

Boring terminated at 38 feet due to probe refusal.

REMARKS:

Soil sample collected at 10 feet

Temporary well installed in boring

TEST BORING LOG

BORING NUMBER: GP-1
DATE DRILLED: March 20, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 2"	Asphalt	5' – 0 10' – 0 15' – 0 20' – 0 25' - 0
2" – 6	Fill material	
6 – 10	Reddish brown fine sandy **SILT**, dry	
10 – 25	Light brown medium graded **SAND** with silt, mottled	

Boring terminated at 25 feet due to water.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-2
DATE DRILLED: March 13, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 2"	Asphalt	5' – 0
2" – 4'	Fill material	
4 – 6	Dark brown sandy **SILT**, dry	10' – 0
6 –14	Reddish brown sandy **SILT**, dry	
14 – 16	Quartz lens with ¼" to ½" size fragments	15' – 0
16 – 19	Light brown fine sandy **SILT**, moist	20' – 0
19 – 20	Quartz lens, dry	
20 – 22	Reddish orange brown silty **CLAY**	25' – 0
22 – 28	White quartz lens, dry	
28 – 32	Brown **SILT**, mottled	30' - 0

Boring terminated at 32 feet.

REMARKS:

Soil sample collected at 30 feet

TEST BORING LOG

BORING NUMBER: GP-3
DATE DRILLED: March 13, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 2"	Asphalt	5' – 0 10' – >3,000 15' – 49 20' – 0 25' – 6.5 30' - 0
2" – 7	Fill material, dry	
7 - 12	Dark grey silty CLAY, strong petroleum odors	
12 – 21	Light brown mottled sandy SILT	
21 - 32	White quartz lens, dry	

Probe refusal at 32 feet, set well in attempt to get water.

REMARKS:

Soil sample collected at 10 feet

Temporary well installed in boring

TEST BORING LOG

BORING NUMBER: GP-4
DATE DRILLED: March 13, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Asphalt	5' – 0 10' – 0 15' – 0 20' – 0 25' - 0
3" – 8	Fill material	
8 - 25	Light brown sandy **SILT**, dry	

Boring terminated at 25 feet.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-5
DATE DRILLED: March 14, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Asphalt	5' – 0 10' – 0 15' – 0 20' – 0 25' - 0
3" – 9	Fill material	
9 - 25	Brown sandy **SILT**	

Boring terminated at 25 feet due to water.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-6
DATE DRILLED: March 20, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Asphalt	5' – 0
3" – 8	Fill material	

Boring terminated at 8 feet due to probe refusal.

REMARKS:

Soil sample collected at 5 feet

TEST BORING LOG

BORING NUMBER: GP-7
DATE DRILLED: March 14, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Asphalt	5' – 0
3" – 12	Fill material	10' – 0
12 – 15	Dark brown clayey **SILT**, dry	15' – 0
15 - 19	White quartz lens, ¼" size quartz	20' – 0
19 – 21	Dark brown silty **CLAY**	25' - 0
21 - 25	White quartz lens	

Boring terminated at 25 feet due to probe refusal.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-8
DATE DRILLED: March 14, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Asphalt	5' – 0 10' – 0 15' – 0 20' – 0 25' - 0
3" – 7	Fill material	
7 - 14	Light brown sandy **SILT**	
14 - 28	Brown **SILT**	

Boring terminated at 28 feet due to water at 26 feet.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-9
DATE DRILLED: March 20, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 7	Fill material	5' – 0 10' – 0 15' – 0 20' – 0
7 – 24	Light brown to brown mottled sandy **SILT**, dry	
24	Light brown to brown mottled sandy **SILT** with mica, moist to wet.	

Boring terminated at 24 feet due to water.

REMARKS:

Soil sample collected at 20 feet

Temporary well installed in boring

TEST BORING LOG

BORING NUMBER: GP-10
DATE DRILLED: March 12, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Organic fill	5' – 0 10' – 0 15' – 0 20' – 0
3" – 12	Reddish brown (fill material)	
12 - 23	Dark brown sandy SILT	

Boring terminated at 23 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-11
DATE DRILLED: March 14, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Organic fill	5' – 0 10' – 0 15' – 0 20' – 0
3" – 4	Reddish brown fill material	
4 - 22	Dark brown sandy **SILT**	

Boring terminated at 22 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-12
DATE DRILLED: March 14, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Organic Material	5' – 0 10' – 0 15' – 0 20' – 0
3" – 6	Reddish **CLAY** (fill material)	
6 – 9	Brown silty **SAND**	
9 - 22	Reddish brown silty **CLAY**	

Boring terminated at 22 feet.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-13
DATE DRILLED: March 14, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Organic material	5' – 0 10' – 0 15' – 0 20' – 0
3" – 7	Reddish brown sandy SILT	
7 – 12	Light brown sandy SILT	
12 - 22	Dark brown sandy SILT with mica	

Boring terminated at 22 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-14
DATE DRILLED: March 14, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Organic material	5' – 4.5 10' – 1.2 15' – 0.7 20' – 0.2
3" – 7	Fill material	
7 - 24	Light brown sandy SILT, wet at 21'	

Boring terminated at 24 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-15
DATE DRILLED: March 14, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Organic material	5' – 0 10' – 0 15' – 0 20' – 0
3" – 12	Fill material	
12 - 24	Light brown silty **CLAY**, dry	

Water was encountered at 21 feet, boring terminated at 24 feet.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-16
DATE DRILLED: March 14, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 8	Fill material, dry	5' – 0 10' – 0 15' – 0 20' – 0 25' - 0
8 – 12	Dark brown silty **SAND**, dry	
12 - 27	White to light brown mottled silty **SAND**, wet at 27'.	

Boring terminated at 27 feet due to water.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-17
DATE DRILLED: March 12, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 4	Fill material	5' – 0 10' – 0 15' – 0 20' – 0 25' - 0
4 – 12	Light brown to reddish silty CLAY, moist	
12 - 18	Mottled silty SAND, brown	
18 - 25	Light brown to white silty SAND	

Boring terminated at 25 feet due to water.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-18
DATE DRILLED: March 8, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 4	Fill material	5' – 0 10' – 2.9 15' – 577 20' – 26
4 – 12	Reddish brown sandy **CLAY**	
12 – 18	Light brown silty **SAND** with quartz	
18 - 32	White silty **SAN**D with quartz	

Boring terminated at 32 feet.

REMARKS:

Soil sample collected at 15 feet

Temporary well installed in boring

TEST BORING LOG

BORING NUMBER: GP-19
DATE DRILLED: March 8, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 10	Light brown silty **CLAY**, moist	5' – 0 10' – 0 15' - 0 20' – 0 25' - 0
10 – 20	Reddish brown silty **CLAY**, moist	
20 - 28	White to tan sandy **SILT** with quartz	

Boring terminated at 28 feet due to water.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-20
DATE DRILLED: March 6, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 10	Fill material	5' – 0 10' – 0 15' - 0 20' – 0 25' - 0
10 – 15	Light brown silty **SAND**, moist	
15 - 28	White sandy **SILT**	

Boring terminated at 28 feet due to water.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-21
DATE DRILLED: March 6, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 15	Brown sandy **SILT**, moist	5' – 0 10' – 0 15' - 0 20' – 24.5 25' – 11.8
15 – 20	Light brown silty **SAND** with quartz	
20 - 25	White sandy quartz	

Boring terminated at 25 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-22
DATE DRILLED: March 6, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS
0 – 10	Brown sandy **CLAY** (fill)	5' – 0.6 10' – 0.1 15' – 0.1 20' – 0
10 – 20	Fine sandy **SILT** with mica	

Boring terminated at 20 feet due to water.

REMARKS:

Soil sample collected at 5 feet

TEST BORING LOG

BORING NUMBER: GP-23
DATE DRILLED: March 7, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 12	Reddish brown silty **CLAY**, moist	5' – 0 10' – 0 15' - 0 20' – 0
12 – 20	Brown sandy **SILT**, mottled	

Boring terminated at 20 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-24
DATE DRILLED: March 6, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 4	Brown **SILT** (fill)	5' – 0 10' – 0 15' – 12.8 20' – 15.5 25' - 0
4 – 20	Dark brown **SILT**, mottled	
20 - 28	Grey, brown **SILT**, mottled	

Boring terminated at 28 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-25
DATE DRILLED: March 6, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 7	Dark grey silty **CLAY**	5' – 2,777 10' – 2,820 15' - 177 20' – 47 25' - 16
7 – 18	Light brown to brown silty **SAND** with mottles	
18 – 25	Reddish brown sandy **SILT**	
25 - 32	White to light brown mottled silty **SAND**	

Boring terminated at 32 feet due to water.

REMARKS:

Soil sample collected at 10 feet

Temporary well installed in boring

TEST BORING LOG

BORING NUMBER: GP-26
DATE DRILLED: March 7, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 4	Fill material	5' – 0 10' – 0 15' – 0 20' – 0 25' - 0
4 – 8	Dark reddish brown **SILT**	
8 - 15	Light brown sandy **SILT**	
15 - 25	White quartz **SILT**, very moist	

Boring terminated at 25 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-27
DATE DRILLED: March 8, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 12	Reddish brown fine sandy **CLAY**, dry	5' – 0 10' – 0 15' - 0 20' – 0 25' - 0
12 - 16	Light brown sandy **CLAY**	
16 - 28	Light brown **SILT** with quartz lens, dry	

Boring terminated at 28 feet due to water.

REMARKS:

Soil sample collected at 25 feet

Temporary well installed in boring

TEST BORING LOG

BORING NUMBER: GP-28
DATE DRILLED: March 6, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS
0 – 5	Fill material	5' – 0.6 10' – 0.1 15' - 0 20' – 0
5 – 15	Light brown to reddish brown silty **SAND**, moist, mottled with mica	
15 - 24	Reddish brown **SILT** with mica	

Boring terminated at 24 feet due to water.

REMARKS:

Soil sample collected at 5 feet

TEST BORING LOG

BORING NUMBER: GP-29
DATE DRILLED: March 7, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 4	Fill material	5' – 0 10' – 0 15' – 0 20' – 0
4 – 17	Light brown sandy **CLAY**, dry	
17 - 20	Dark brown to black fine sandy **SILT** with mica	

Boring terminated at 20 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-30
DATE DRILLED: March 8, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 10	Fill material	5' – 7.5 10' – 6.2 15' – 0.3 20' – 0
10 – 11	Concrete	
11 - 24	Dark grey to brown silty **CLAY**, moist	

Boring terminated at 24 feet due to water.

REMARKS:

Soil sample collected at 5 feet

TEST BORING LOG

BORING NUMBER: GP-31
DATE DRILLED: March 7, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 4	Fill material	5' – 4.5 10' – 1.2 15' – 0.7 20' – 0.2
4 – 28	Reddish brown sandy **SILT** with mottles	

Boring terminated at 28 feet due to water.

REMARKS:

Soil sample collected at 5 feet

TEST BORING LOG

BORING NUMBER: GP-32
DATE DRILLED: March 7, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 7	Fill material	5' – 0 10' – 0 15' – 0 20' – 0 25 - 0
7 – 12	Light brown silty **CLAY**	
12 - 25	Light brown to white silty **SAND** with quartz fragements	

Boring terminated at 25 feet.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-33
DATE DRILLED: March 7, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 16	Brown fine sandy **SILT**	5' – 0 10' – 0 15' - 0 20' – 0 25' - 0
16 – 20	Light brown sandy **SILT**	
20 - 28	Light brown to white **SILT** with quartz lens	

Boring terminated at 28 feet due to water.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-34
DATE DRILLED: March 6, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 4	Fill material	5' – 0 10' – 0 15' – 0 20' – 0 25' - 0
4 – 17	Reddish brown mottled silty **SAND** with quartz	
17 - 19	White quartz lens with **SILT**, moist	
19 – 32	Dark brown to black mottled **SILT** with mica	
32 - 36	Light brown sandy **SILT** with mottles	

Boring terminated at 36 feet due to water.

REMARKS:

Soil sample collected at 25 feet

Temporary well installed in boring

TEST BORING LOG

BORING NUMBER: GP-35
DATE DRILLED: March 8, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 5	Fill material	5' – 0 10' – 0 15' – 0 20' – 0
5 – 12	Reddish silty **CLAY**	
12 – 20	Light brown sandy **SILT**, mottled, moist	
20 - 24	Dark brown silty **SAND** with white quartz lens, wet at 23'.	

Boring terminated at 24 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-36
DATE DRILLED: March 7, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 2"	Asphalt	5' – 0
2" – 6	Fill material, dry	10' – 0
6 – 8	Dark brown reddish **SILT** with mottles, mica, dry	15' – 0
8 – 14	Brown to white mottled silty **CLAY**	20' – 0
14 – 20	White sandy **SILT**	25' - 0
20 – 28	Dark brown mottles **SILT** with mica	

Boring terminated at 28 feet.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-37
DATE DRILLED: March 13, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 4"	Concrete	5' – 0 10' – 0 15' – 0 20' – 0
4" – 15	Reddish brown sandy **SILT**, dry	
15 - 24	Whitish brown sandy quartz, dry	

Boring terminated at 24 feet due to water.

REMARKS:

Soil sample collected at 20 feet

TEST BORING LOG

BORING NUMBER: GP-38
DATE DRILLED: March 12, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 2"	Asphalt	5' – 0 10' – 0 15' – 0 20' – 0 25' - 0
2" – 7	Fill material	
7 – 14	Dark brown sandy **SILT**	
14 – 28	Light brown to white **SILT** with quartz fragments, wet at 26'.	

Boring terminated at 28 feet due to water.

REMARKS:

Soil sample collected at 25 feet

TEST BORING LOG

BORING NUMBER: GP-39
DATE DRILLED: March 13, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
The Environmental Solutions People

DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 6"	Concrete	5' – 0 10' – 0 15' – 0 20' – 0
6" – 7	Fill material	
7 – 13	Dark brown fine sandy **SILT** with mica flakes, dry	
13 – 24	Dark brown mottled **SILT** with mica	

Boring terminated at 24 feet due to water.

REMARKS:

Soil sample collected at ~~25~~ 20 feet

TEST BORING LOG

BORING NUMBER: GP-40
DATE DRILLED: March 12, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Asphalt	5' – 0 10' – 0 15' – 1 20' – 0
3" – 7	Fill material	
7 – 13	Light brown fine sandy **SILT**, dry	
13 – 24	Dark brown mottled **SILT**, dry	

Boring terminated at 24 feet due to water.

REMARKS:

Soil sample collected at 15 feet

TEST BORING LOG

BORING NUMBER: GP-41
DATE DRILLED: March 12, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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DEPTH (FEET)	DESCRIPTION	TVA RESULTS (ppm)
0 – 3"	Asphalt	5' – 0 10' – 0 15' – 0
3 – 15	Fill material	

Probe refusal, suspect concrete base floor of previous building.
We advance at two other locations, probe refusal at 15 feet.

REMARKS:

Soil sample collected at 15 feet

TEST BORING LOG

BORING NUMBER: GP-42
DATE DRILLED: March 20, 2002
PROJECT NUMBER: 000R1215.01
PROJECT: Progress Energy
PAGE 1 OF 1

MID-ATLANTIC ASSOCIATES, P.A.
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APPENDIX C

LABORATORY REPORTS AND CHAIN-OF-CUSTODY RECORDS FOR SOIL SAMPLES

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-1-10
Client Project ID: Progress Energy
Lab Sample ID: 39999
Lab Project ID: G122-1711
Matrix: Soil %Solids: 75.2

Date Analyzed: 3/27/02
Analyzed By: EKR
Date Collected: 3/20/02
Date Received: 3/21/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	66	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.6	BQL
Bromobenzene	6.6	BQL
Bromochloromethane	6.6	BQL
Bromodichloromethane	6.6	BQL
Bromoform	6.6	BQL
Bromomethane	6.6	BQL
2-Butanone	33	BQL
n-Butylbenzene	6.6	BQL
sec-Butylbenzene	6.6	BQL
tert-Butylbenzene	6.6	BQL
Carbon disulfide	6.6	BQL
Carbon tetrachloride	6.6	BQL
Chlorobenzene	6.6	BQL
Chloroethane	6.6	BQL
2-Chloroethyl vinyl ether	6.6	BQL
Chloroform	6.6	BQL
Chloromethane	6.6	BQL
2-Chlorotoluene	6.6	BQL
4-Chlorotoluene	6.6	BQL
Dibromochloromethane	6.6	BQL
1,2-Dibromo-3-chloropropane	6.6	BQL
Dibromomethane	6.6	BQL
1,2-Dibromoethane (EDB)	6.6	BQL
1,2-Dichlorobenzene	6.6	BQL
1,3-Dichlorobenzene	6.6	BQL
1,4-Dichlorobenzene	6.6	BQL
trans-1,4-Dichloro-2-butene	6.6	BQL
1,1-Dichloroethane	6.6	BQL
1,1-Dichloroethene	6.6	BQL
1,2-Dichloroethane	6.6	BQL
cis-1,2-Dichloroethene	6.6	BQL
trans-1,2-dichloroethene	6.6	BQL
1,2-Dichloropropane	6.6	BQL
1,3-Dichloropropane	6.6	BQL
2,2-Dichloropropane	6.6	BQL
1,1-Dichloropropene	6.6	BQL
cis-1,3-Dichloropropene	6.6	BQL
trans-1,3-Dichloropropene	6.6	BQL
Dichlorodifluoromethane	6.6	BQL
Diisopropyl ether (DIPE)	6.6	BQL
Ethylbenzene	6.6	BQL
Hexachlorobutadiene	6.6	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-1-10	Date Analyzed:	3/27/02
Client Project ID:	Progress Energy	Analyzed By:	EKR
Lab Sample ID:	39999	Date Collected:	3/20/02
Lab Project ID:	G122-1711	Date Received:	3/21/02
Matrix:	Soil %Solids: 75.2	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.6	BQL
Iodomethane	6.6	BQL
Isopropylbenzene	6.6	BQL
4-Isopropyltoluene	6.6	BQL
Methylene chloride	27	BQL
4-Methyl-2-pentanone	6.6	BQL
Methyl-tert-butyl ether (MTBE)	6.6	BQL
Naphthalene	6.6	BQL
n-Propyl benzene	6.6	BQL
Styrene	6.6	BQL
1,1,1,2-Tetrachloroethane	6.6	BQL
1,1,2,2-Tetrachloroethane	6.6	BQL
Tetrachloroethene	6.6	BQL
Toluene	6.6	BQL
1,2,3-Trichlorobenzene	6.6	BQL
1,2,4-Trichlorobenzene	6.6	BQL
Trichloroethene	6.6	BQL
1,1,1-Trichloroethane	6.6	BQL
1,1,2-Trichloroethane	6.6	BQL
Trichlorofluoromethane	6.6	BQL
1,2,3-Trichloropropane	6.6	BQL
1,2,4-Trimethylbenzene	6.6	BQL
1,3,5-Trimethylbenzene	6.6	BQL
Vinyl chloride	6.6	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.6	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.7	97
1,2-Dichloroethane-d4	50	54.1	108
Toluene-d8	50	51.6	103

Comments:

All results are corrected for dilution.

Reviewed by: _____

Flags: BQL = Below Quantitation Limit

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-1-10
Client Project ID: Progress Energy
Lab Sample ID: 39999
Lab Project ID: G122-1711
Matrix: Soil %Solids: 75.2

Date Collected: 3/20/2002
Date Received: 3/21/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	410	BQL
Acenaphthylene	410	BQL
Anthracene	410	BQL
Benzo[a]anthracene	410	BQL
Benzo[a]pyrene	410	BQL
Benzo[b]fluoranthene	410	BQL
Benzo[g,h,i]perylene	410	BQL
Benzo[k]fluoranthene	410	BQL
Benzoic Acid	820	BQL
Bis(2-chloroethoxy)methane	410	BQL
Bis(2-chloroethyl)ether	410	BQL
Bis(2-chloroisopropyl)ether	410	BQL
Bis(2-ethylhexyl)phthalate	410	BQL
4-bromophenyl phenyl ether	410	BQL
Butylbenzylphthalate	410	BQL
4-Chloroaniline	410	BQL
4-Chloro-3-methylphenol	410	BQL
2-Chloronaphthalene	410	BQL
2-Chlorophenol	410	BQL
4-Chlorophenyl phenyl ether	410	BQL
Chrysene	410	BQL
Di-n-Butylphthalate	410	BQL
Di-n-octylphthalate	410	BQL
Dibenzo[a,h]anthracene	410	BQL
Dibenzofuran	410	BQL
1,2-Dichlorobenzene	410	BQL
1,3-Dichlorobenzene	410	BQL
1,4-Dichlorobenzene	410	BQL
3,3'-Dichlorobenzidine	820	BQL
2,4-Dichlorophenol	410	BQL
Diethylphthalate	410	BQL
2,4-Dimethylphenol	410	BQL
Dimethylphthalate	410	BQL
4,6-Dinitro-2-methylphenol	2100	BQL
2,4-Dinitrophenol	2100	BQL
2,4-Dinitrotoluene	410	BQL
2,6-Dinitrotoluene	410	BQL
Fluoranthene	410	BQL
Fluorene	410	BQL
Hexachlorobenzene	410	BQL

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-1-10
Client Project ID: Progress Energy
Lab Sample ID: 39999
Lab Project ID: G122-1711
Matrix: Soil %Solids: 75.2

Date Collected: 3/20/2002
Date Received: 3/21/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	410	BQL
Hexachlorocyclopentadiene	820	BQL
Hexachloroethane	410	BQL
Indeno(1,2,3-c,d)pyrene	410	BQL
Isophorone	410	BQL
2-Methylnaphthalene	410	BQL
2-Methylphenol	410	BQL
3- & 4-Methylphenol	410	BQL
N-Nitrosodi-n-propylamine	410	BQL
N-Nitrosodiphenylamine	410	BQL
Naphthalene	410	BQL
2-Nitroaniline	410	BQL
3-Nitroaniline	410	BQL
4-Nitroaniline	410	BQL
Nitrobenzene	410	BQL
2-Nitrophenol	410	BQL
4-Nitrophenol	2100	BQL
Pentachlorophenol	2100	BQL
Phenanthrene	410	BQL
Phenol	410	BQL
Pyrene	410	BQL
1,2,4-Trichlorobenzene	410	BQL
2,4,5-Trichlorophenol	410	BQL
2,4,6-Trichlorophenol	410	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	12.9	129
2-Fluorophenol	10	9.9	99
Nitrobenzene-d5	10	11.2	112
Phenol-d6	10	9.8	98
2,4,6-Tribromophenol	10	8.6	86
4-Terphenyl-d14	10	13.0	130

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-2-25
Client Project ID: Progress Energy
Lab Sample ID: 39708
Lab Project ID: G122-1704
Matrix: Soil %Solids: 81.3

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/13/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	62	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	6.2	BQL
Bromobenzene	6.2	BQL
Bromochloromethane	6.2	BQL
Bromodichloromethane	6.2	BQL
Bromoform	6.2	BQL
Bromomethane	6.2	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.2	BQL
sec-Butylbenzene	6.2	BQL
tert-Butylbenzene	6.2	BQL
Carbon disulfide	6.2	BQL
Carbon tetrachloride	6.2	BQL
Chlorobenzene	6.2	BQL
Chloroethane	6.2	BQL
2-Chloroethyl vinyl ether	6.2	BQL
Chloroform	6.2	BQL
Chloromethane	6.2	BQL
2-Chlorotoluene	6.2	BQL
4-Chlorotoluene	6.2	BQL
Dibromochloromethane	6.2	BQL
1,2-Dibromo-3-chloropropane	6.2	BQL
Dibromomethane	6.2	BQL
1,2-Dibromoethane (EDB)	6.2	BQL
1,2-Dichlorobenzene	6.2	BQL
1,3-Dichlorobenzene	6.2	BQL
1,4-Dichlorobenzene	6.2	BQL
trans-1,4-Dichloro-2-butene	6.2	BQL
1,1-Dichloroethane	6.2	BQL
1,1-Dichloroethene	6.2	BQL
1,2-Dichloroethane	6.2	BQL
cis-1,2-Dichloroethene	6.2	BQL
trans-1,2-dichloroethene	6.2	BQL
1,2-Dichloropropane	6.2	BQL
1,3-Dichloropropane	6.2	BQL
2,2-Dichloropropane	6.2	BQL
1,1-Dichloropropene	6.2	BQL
cis-1,3-Dichloropropene	6.2	BQL
trans-1,3-Dichloropropene	6.2	BQL
Dichlorodifluoromethane	6.2	BQL
Diisopropyl ether (DIPE)	6.2	BQL
Ethylbenzene	6.2	BQL
Hexachlorobutadiene	6.2	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID:	GP-2-25	Date Analyzed:	3/21/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39708	Date Collected:	3/13/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %Solids: 81.3	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.2	BQL
Iodomethane	6.2	BQL
Isopropylbenzene	6.2	BQL
4-Isopropyltoluene	6.2	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.2	BQL
Methyl-tert-butyl ether (MTBE)	6.2	BQL
Naphthalene	6.2	BQL
n-Propyl benzene	6.2	BQL
Styrene	6.2	BQL
1,1,1,2-Tetrachloroethane	6.2	BQL
1,1,2,2-Tetrachloroethane	6.2	BQL
Tetrachloroethene	6.2	BQL
Toluene	6.2	BQL
1,2,3-Trichlorobenzene	6.2	BQL
1,2,4-Trichlorobenzene	6.2	BQL
Trichloroethene	6.2	BQL
1,1,1-Trichloroethane	6.2	BQL
1,1,2-Trichloroethane	6.2	BQL
Trichlorofluoromethane	6.2	BQL
1,2,3-Trichloropropane	6.2	BQL
1,2,4-Trimethylbenzene	6.2	BQL
1,3,5-Trimethylbenzene	6.2	BQL
Vinyl chloride	6.2	BQL
m-,p-Xylene	12	BQL
o-Xylene	6.2	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.2	96
1,2-Dichloroethane-d4	50	55.2	110
Toluene-d8	50	50.4	101

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-2-25
Client Project ID: Progress Energy
Lab Sample ID: 39708
Lab Project ID: G122-1704
Matrix: Soil %Solids: 81.3

Date Collected: 3/13/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	390	BQL
Acenaphthylene	390	BQL
Anthracene	390	BQL
Benzo[a]anthracene	390	BQL
Benzo[a]pyrene	390	BQL
Benzo[b]fluoranthene	390	BQL
Benzo[g,h,i]perylene	390	BQL
Benzo[k]fluoranthene	390	BQL
Benzoic Acid	770	BQL
Bis(2-chloroethoxy)methane	390	BQL
Bis(2-chloroethyl)ether	390	BQL
Bis(2-chloroisopropyl)ether	390	BQL
Bis(2-ethylhexyl)phthalate	390	BQL
4-bromophenyl phenyl ether	390	BQL
Butylbenzylphthalate	390	BQL
4-Chloroaniline	390	BQL
4-Chloro-3-methylphenol	390	BQL
2-Chloronaphthalene	390	BQL
2-Chlorophenol	390	BQL
4-Chlorophenyl phenyl ether	390	BQL
Chrysene	390	BQL
Di-n-Butylphthalate	390	BQL
Di-n-octylphthalate	390	BQL
Dibenzo[a,h]anthracene	390	BQL
Dibenzofuran	390	BQL
1,2-Dichlorobenzene	390	BQL
1,3-Dichlorobenzene	390	BQL
1,4-Dichlorobenzene	390	BQL
3,3'-Dichlorobenzidine	770	BQL
2,4-Dichlorophenol	390	BQL
Diethylphthalate	390	BQL
2,4-Dimethylphenol	390	BQL
Dimethylphthalate	390	BQL
4,6-Dinitro-2-methylphenol	1900	BQL
2,4-Dinitrophenol	1900	BQL
2,4-Dinitrotoluene	390	BQL
2,6-Dinitrotoluene	390	BQL
Fluoranthene	390	BQL
Fluorene	390	BQL
Hexachlorobenzene	390	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-2-25
Client Project ID: Progress Energy
Lab Sample ID: 39708
Lab Project ID: G122-1704
Matrix: Soil %Solids: 81.3

Date Collected: 3/13/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	390	BQL
Hexachlorocyclopentadiene	770	BQL
Hexachloroethane	390	BQL
Indeno(1,2,3-c,d)pyrene	390	BQL
Isophorone	390	BQL
2-Methylnaphthalene	390	BQL
2-Methylphenol	390	BQL
3- & 4-Methylphenol	390	BQL
N-Nitrosodi-n-propylamine	390	BQL
N-Nitrosodiphenylamine	390	BQL
Naphthalene	390	BQL
2-Nitroaniline	390	BQL
3-Nitroaniline	390	BQL
4-Nitroaniline	390	BQL
Nitrobenzene	390	BQL
2-Nitrophenol	390	BQL
4-Nitrophenol	1900	BQL
Pentachlorophenol	1900	BQL
Phenanthrene	390	BQL
Phenol	390	BQL
Pyrene	390	BQL
1,2,4-Trichlorobenzene	390	BQL
2,4,5-Trichlorophenol	390	BQL
2,4,6-Trichlorophenol	390	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.6	96
2-Fluorophenol	10	9.2	92
Nitrobenzene-d5	10	8.3	83
Phenol-d6	10	9.2	92
2,4,6-Tribromophenol	10	8.7	87
4-Terphenyl-d14	10	11.0	110

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-3-30
Client Project ID: Progress Energy
Lab Sample ID: 39709
Lab Project ID: G122-1704
Matrix: Soil %Solids: 73.4

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/13/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	68	BQL
Acrolein	140	BQL
Acrylonitrile	140	BQL
Benzene	6.8	BQL
Bromobenzene	6.8	BQL
Bromochloromethane	6.8	BQL
Bromodichloromethane	6.8	BQL
Bromoform	6.8	BQL
Bromomethane	6.8	BQL
2-Butanone	34	BQL
n-Butylbenzene	6.8	BQL
sec-Butylbenzene	6.8	BQL
tert-Butylbenzene	6.8	BQL
Carbon disulfide	6.8	BQL
Carbon tetrachloride	6.8	BQL
Chlorobenzene	6.8	BQL
Chloroethane	6.8	BQL
2-Chloroethyl vinyl ether	6.8	BQL
Chloroform	6.8	BQL
Chloromethane	6.8	BQL
2-Chlorotoluene	6.8	BQL
4-Chlorotoluene	6.8	BQL
Dibromochloromethane	6.8	BQL
1,2-Dibromo-3-chloropropane	6.8	BQL
Dibromomethane	6.8	BQL
1,2-Dibromoethane (EDB)	6.8	BQL
1,2-Dichlorobenzene	6.8	BQL
1,3-Dichlorobenzene	6.8	BQL
1,4-Dichlorobenzene	6.8	BQL
trans-1,4-Dichloro-2-butene	6.8	BQL
1,1-Dichloroethane	6.8	BQL
1,1-Dichloroethene	6.8	BQL
1,2-Dichloroethane	6.8	BQL
cis-1,2-Dichloroethene	6.8	BQL
trans-1,2-dichloroethene	6.8	BQL
1,2-Dichloropropane	6.8	BQL
1,3-Dichloropropane	6.8	BQL
2,2-Dichloropropane	6.8	BQL
1,1-Dichloropropene	6.8	BQL
cis-1,3-Dichloropropene	6.8	BQL
trans-1,3-Dichloropropene	6.8	BQL
Dichlorodifluoromethane	6.8	BQL
Diisopropyl ether (DIPE)	6.8	BQL
Ethylbenzene	6.8	BQL
Hexachlorobutadiene	6.8	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-3-30
Client Project ID: Progress Energy
Lab Sample ID: 39709
Lab Project ID: G122-1704
Matrix: Soil %Solids: 73.4

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/13/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.8	BQL
Iodomethane	6.8	BQL
Isopropylbenzene	6.8	BQL
4-Isopropyltoluene	6.8	BQL
Methylene chloride	27	BQL
4-Methyl-2-pentanone	6.8	BQL
Methyl-tert-butyl ether (MTBE)	6.8	BQL
Naphthalene	6.8	BQL
n-Propyl benzene	6.8	BQL
Styrene	6.8	BQL
1,1,1,2-Tetrachloroethane	6.8	BQL
1,1,2,2-Tetrachloroethane	6.8	BQL
Tetrachloroethene	6.8	BQL
Toluene	6.8	BQL
1,2,3-Trichlorobenzene	6.8	BQL
1,2,4-Trichlorobenzene	6.8	BQL
Trichloroethene	6.8	BQL
1,1,1-Trichloroethane	6.8	BQL
1,1,2-Trichloroethane	6.8	BQL
Trichlorofluoromethane	6.8	BQL
1,2,3-Trichloropropane	6.8	BQL
1,2,4-Trimethylbenzene	6.8	BQL
1,3,5-Trimethylbenzene	6.8	BQL
Vinyl chloride	6.8	BQL
m-,p-Xylene	14	BQL
o-Xylene	6.8	BQL

Surrogate Spike Recoveries

Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.6	97
1,2-Dichloroethane-d4	50	51.2	102
Toluene-d8	50	50.4	101

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-3-30
Client Project ID: Progress Energy
Lab Sample ID: 39709
Lab Project ID: G122-1704
Matrix: Soil %Solids: 73.4

Date Collected: 3/13/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	590	BQL
Acenaphthylene	590	BQL
Anthracene	590	BQL
Benzo[a]anthracene	590	BQL
Benzo[a]pyrene	590	BQL
Benzo[b]fluoranthene	590	BQL
Benzo[g,h,i]perylene	590	BQL
Benzo[k]fluoranthene	590	BQL
Benzoic Acid	1200	BQL
Bis(2-chloroethoxy)methane	590	BQL
Bis(2-chloroethyl)ether	590	BQL
Bis(2-chloroisopropyl)ether	590	BQL
Bis(2-ethylhexyl)phthalate	590	BQL
4-bromophenyl phenyl ether	590	BQL
Butylbenzylphthalate	590	BQL
4-Chloroaniline	590	BQL
4-Chloro-3-methylphenol	590	BQL
2-Chloronaphthalene	590	BQL
2-Chlorophenol	590	BQL
4-Chlorophenyl phenyl ether	590	BQL
Chrysene	590	BQL
Di-n-Butylphthalate	590	BQL
Di-n-octylphthalate	590	BQL
Dibenzo[a,h]anthracene	590	BQL
Dibenzofuran	590	BQL
1,2-Dichlorobenzene	590	BQL
1,3-Dichlorobenzene	590	BQL
1,4-Dichlorobenzene	590	BQL
3,3'-Dichlorobenzidine	1200	BQL
2,4-Dichlorophenol	590	BQL
Diethylphthalate	590	BQL
2,4-Dimethylphenol	590	BQL
Dimethylphthalate	590	BQL
4,6-Dinitro-2-methylphenol	2900	BQL
2,4-Dinitrophenol	2900	BQL
2,4-Dinitrotoluene	590	BQL
2,6-Dinitrotoluene	590	BQL
Fluoranthene	590	BQL
Fluorene	590	BQL
Hexachlorobenzene	590	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-3-30
Client Project ID: Progress Energy
Lab Sample ID: 39709
Lab Project ID: G122-1704
Matrix: Soil %Solids: 73.4

Date Collected: 3/13/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	590	BQL
Hexachlorocyclopentadiene	1200	BQL
Hexachloroethane	590	BQL
Indeno(1,2,3-c,d)pyrene	590	BQL
Isophorone	590	BQL
2-Methylnaphthalene	590	BQL
2-Methylphenol	590	BQL
3- & 4-Methylphenol	590	BQL
N-Nitrosodi-n-propylamine	590	BQL
N-Nitrosodiphenylamine	590	BQL
Naphthalene	590	BQL
2-Nitroaniline	590	BQL
3-Nitroaniline	590	BQL
4-Nitroaniline	590	BQL
Nitrobenzene	590	BQL
2-Nitrophenol	590	BQL
4-Nitrophenol	2900	BQL
Pentachlorophenol	2900	BQL
Phenanthrene	590	BQL
Phenol	590	BQL
Pyrene	590	BQL
1,2,4-Trichlorobenzene	590	BQL
2,4,5-Trichlorophenol	590	BQL
2,4,6-Trichlorophenol	590	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	12.0	120
2-Fluorophenol	10	10.9	109
Nitrobenzene-d5	10	10.7	107
Phenol-d6	10	10.8	108
2,4,6-Tribromophenol	10	10.2	102
4-Terphenyl-d14	10	12.0	120

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: [illegible]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-4-10
Client Project ID: Progress Energy
Lab Sample ID: 39710
Lab Project ID: G122-1704
Matrix: Soil %Solids: 82.9

Date Analyzed: 3/22/02
Analyzed By: EES
Date Collected: 3/13/02
Date Received: 3/16/02
Dilution: 125

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	3800	BQL
Acrolein	15000	BQL
Acrylonitrile	15000	BQL
Benzene	150	BQL
Bromobenzene	150	BQL
Bromochloromethane	150	BQL
Bromodichloromethane	150	BQL
Bromoform	150	BQL
Bromomethane	150	BQL
2-Butanone	3800	BQL
n-Butylbenzene	150	230
sec-Butylbenzene	150	160
tert-Butylbenzene	150	BQL
Carbon disulfide	150	BQL
Carbon tetrachloride	150	BQL
Chlorobenzene	150	BQL
Chloroethane	150	BQL
2-Chloroethyl vinyl ether	750	BQL
Chloroform	150	BQL
Chloromethane	150	BQL
2-Chlorotoluene	150	BQL
4-Chlorotoluene	150	BQL
Dibromochloromethane	150	BQL
1,2-Dibromo-3-chloropropane	750	BQL
Dibromomethane	150	BQL
1,2-Dibromoethane (EDB)	150	BQL
1,2-Dichlorobenzene	150	BQL
1,3-Dichlorobenzene	150	BQL
1,4-Dichlorobenzene	150	BQL
trans-1,4-Dichloro-2-butene	750	BQL
1,1-Dichloroethane	150	BQL
1,1-Dichloroethene	150	BQL
1,2-Dichloroethane	150	BQL
cis-1,2-Dichloroethene	150	BQL
trans-1,2-dichloroethene	150	BQL
1,2-Dichloropropane	150	BQL
1,3-Dichloropropane	150	BQL
2,2-Dichloropropane	150	BQL
1,1-Dichloropropene	150	BQL
cis-1,3-Dichloropropene	150	BQL
trans-1,3-Dichloropropene	150	BQL
Dichlorodifluoromethane	750	BQL
Diisopropyl ether (DIPE)	150	BQL
Ethylbenzene	150	BQL
Hexachlorobutadiene	150	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-4-10	Date Analyzed:	3/22/02
Client Project ID:	Progress Energy	Analyzed By:	EES
Lab Sample ID:	39710	Date Collected:	3/13/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %Solids: 82.9	Dilution:	125

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	750	BQL
Iodomethane	150	BQL
Isopropylbenzene	150	BQL
4-Isopropyltoluene	150	**180**
Methylene chloride	750	BQL
4-Methyl-2-pentanone	750	BQL
Methyl-tert-butyl ether (MTBE)	150	BQL
Naphthalene	150	**370**
n-Propyl benzene	150	BQL
Styrene	150	BQL
1,1,1,2-Tetrachloroethane	150	BQL
1,1,2,2-Tetrachloroethane	150	BQL
Tetrachloroethene	150	BQL
Toluene	150	BQL
1,2,3-Trichlorobenzene	150	BQL
1,2,4-Trichlorobenzene	150	BQL
Trichloroethene	150	BQL
1,1,1-Trichloroethane	150	BQL
1,1,2-Trichloroethane	150	BQL
Trichlorofluoromethane	150	BQL
1,2,3-Trichloropropane	150	BQL
1,2,4-Trimethylbenzene	150	**1100**
1,3,5-Trimethylbenzene	150	**400**
Vinyl chloride	150	BQL
m-,p-Xylene	300	BQL
o-Xylene	150	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	10	10.5	105
1,2-Dichloroethane-d4	10	9.8	98
Toluene-d8	10	10.3	103

Comments:

All results are corrected for dilution.

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-4-10
Client Project ID: Progress Energy
Lab Sample ID: 39710
Lab Project ID: G122-1704
Matrix: Soil %Solids: 82.9

Date Collected: 3/13/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	370	BQL
Acenaphthylene	370	BQL
Anthracene	370	BQL
Benzo[a]anthracene	370	BQL
Benzo[a]pyrene	370	BQL
Benzo[b]fluoranthene	370	BQL
Benzo[g,h,i]perylene	370	BQL
Benzo[k]fluoranthene	370	BQL
Benzoic Acid	740	BQL
Bis(2-chloroethoxy)methane	370	BQL
Bis(2-chloroethyl)ether	370	BQL
Bis(2-chloroisopropyl)ether	370	BQL
Bis(2-ethylhexyl)phthalate	370	BQL
4-bromophenyl phenyl ether	370	BQL
Butylbenzylphthalate	370	BQL
4-Chloroaniline	370	BQL
4-Chloro-3-methylphenol	370	BQL
2-Chloronaphthalene	370	BQL
2-Chlorophenol	370	BQL
4-Chlorophenyl phenyl ether	370	BQL
Chrysene	370	BQL
Di-n-Butylphthalate	370	BQL
Di-n-octylphthalate	370	BQL
Dibenzo[a,h]anthracene	370	BQL
Dibenzofuran	370	BQL
1,2-Dichlorobenzene	370	BQL
1,3-Dichlorobenzene	370	BQL
1,4-Dichlorobenzene	370	BQL
3,3'-Dichlorobenzidine	740	BQL
2,4-Dichlorophenol	370	BQL
Diethylphthalate	370	BQL
2,4-Dimethylphenol	370	BQL
Dimethylphthalate	370	BQL
4,6-Dinitro-2-methylphenol	1900	BQL
2,4-Dinitrophenol	1900	BQL
2,4-Dinitrotoluene	370	BQL
2,6-Dinitrotoluene	370	BQL
Fluoranthene	370	BQL
Fluorene	370	BQL
Hexachlorobenzene	370	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-4-10
Client Project ID: Progress Energy
Lab Sample ID: 39710
Lab Project ID: G122-1704
Matrix: Soil %Solids: 82.9

Date Collected: 3/13/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	370	BQL
Hexachlorocyclopentadiene	740	BQL
Hexachloroethane	370	BQL
Indeno(1,2,3-c,d)pyrene	370	BQL
Isophorone	370	BQL
2-Methylnaphthalene	370	BQL
2-Methylphenol	370	BQL
3- & 4-Methylphenol	370	BQL
N-Nitrosodi-n-propylamine	370	BQL
N-Nitrosodiphenylamine	370	BQL
Naphthalene	370	BQL
2-Nitroaniline	370	BQL
3-Nitroaniline	370	BQL
4-Nitroaniline	370	BQL
Nitrobenzene	370	BQL
2-Nitrophenol	370	BQL
4-Nitrophenol	1900	BQL
Pentachlorophenol	1900	BQL
Phenanthrene	370	BQL
Phenol	370	BQL
Pyrene	370	BQL
1,2,4-Trichlorobenzene	370	BQL
2,4,5-Trichlorophenol	370	BQL
2,4,6-Trichlorophenol	370	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.5	115
2-Fluorophenol	10	8.9	89
Nitrobenzene-d5	10	10.6	106
Phenol-d6	10	8.9	89
2,4,6-Tribromophenol	10	9.6	96
4-Terphenyl-d14	10	12.1	121

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: [illegible]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-5-25
Client Project ID: Progress Energy
Lab Sample ID: 39721
Lab Project ID: G122-1704
Matrix: Soil %Solids: 95.8

Date Analyzed: 3/22/02
Analyzed By: RNP
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	52	BQL
Acrolein	100	BQL
Acrylonitrile	100	BQL
Benzene	5.2	BQL
Bromobenzene	5.2	BQL
Bromochloromethane	5.2	BQL
Bromodichloromethane	5.2	BQL
Bromoform	5.2	BQL
Bromomethane	5.2	BQL
2-Butanone	26	BQL
n-Butylbenzene	5.2	BQL
sec-Butylbenzene	5.2	BQL
tert-Butylbenzene	5.2	BQL
Carbon disulfide	5.2	BQL
Carbon tetrachloride	5.2	BQL
Chlorobenzene	5.2	BQL
Chloroethane	5.2	BQL
2-Chloroethyl vinyl ether	5.2	BQL
Chloroform	5.2	BQL
Chloromethane	5.2	BQL
2-Chlorotoluene	5.2	BQL
4-Chlorotoluene	5.2	BQL
Dibromochloromethane	5.2	BQL
1,2-Dibromo-3-chloropropane	5.2	BQL
Dibromomethane	5.2	BQL
1,2-Dibromoethane (EDB)	5.2	BQL
1,2-Dichlorobenzene	5.2	BQL
1,3-Dichlorobenzene	5.2	BQL
1,4-Dichlorobenzene	5.2	BQL
trans-1,4-Dichloro-2-butene	5.2	BQL
1,1-Dichloroethane	5.2	BQL
1,1-Dichloroethene	5.2	BQL
1,2-Dichloroethane	5.2	BQL
cis-1,2-Dichloroethene	5.2	BQL
trans-1,2-dichloroethene	5.2	BQL
1,2-Dichloropropane	5.2	BQL
1,3-Dichloropropane	5.2	BQL
2,2-Dichloropropane	5.2	BQL
1,1-Dichloropropene	5.2	BQL
cis-1,3-Dichloropropene	5.2	BQL
trans-1,3-Dichloropropene	5.2	BQL
Dichlorodifluoromethane	5.2	BQL
Diisopropyl ether (DIPE)	5.2	BQL
Ethylbenzene	5.2	BQL
Hexachlorobutadiene	5.2	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-5-25
Client Project ID: Progress Energy
Lab Sample ID: 39721
Lab Project ID: G122-1704
Matrix: Soil %Solids: 95.8

Date Analyzed: 3/22/02
Analyzed By: RNP
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.2	BQL
Iodomethane	5.2	BQL
Isopropylbenzene	5.2	BQL
4-Isopropyltoluene	5.2	BQL
Methylene chloride	21	BQL
4-Methyl-2-pentanone	5.2	BQL
Methyl-tert-butyl ether (MTBE)	5.2	BQL
Naphthalene	5.2	BQL
n-Propyl benzene	5.2	BQL
Styrene	5.2	BQL
1,1,1,2-Tetrachloroethane	5.2	BQL
1,1,2,2-Tetrachloroethane	5.2	BQL
Tetrachloroethene	5.2	BQL
Toluene	5.2	BQL
1,2,3-Trichlorobenzene	5.2	BQL
1,2,4-Trichlorobenzene	5.2	BQL
Trichloroethene	5.2	BQL
1,1,1-Trichloroethane	5.2	BQL
1,1,2-Trichloroethane	5.2	BQL
Trichlorofluoromethane	5.2	BQL
1,2,3-Trichloropropane	5.2	BQL
1,2,4-Trimethylbenzene	5.2	BQL
1,3,5-Trimethylbenzene	5.2	BQL
Vinyl chloride	5.2	BQL
m-,p-Xylene	10	BQL
o-Xylene	5.2	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.0	96
1,2-Dichloroethane-d4	50	52.0	104
Toluene-d8	50	49.5	99

Comments:

All results are corrected for dilution.

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-5-25
Client Project ID: Progress Energy
Lab Sample ID: 39721
Lab Project ID: G122-1704
Matrix: Soil %Solids: 95.8

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	310	BQL
Acenaphthylene	310	BQL
Anthracene	310	BQL
Benzo[a]anthracene	310	BQL
Benzo[a]pyrene	310	BQL
Benzo[b]fluoranthene	310	BQL
Benzo[g,h,i]perylene	310	BQL
Benzo[k]fluoranthene	310	BQL
Benzoic Acid	610	BQL
Bis(2-chloroethoxy)methane	310	BQL
Bis(2-chloroethyl)ether	310	BQL
Bis(2-chloroisopropyl)ether	310	BQL
Bis(2-ethylhexyl)phthalate	310	BQL
4-bromophenyl phenyl ether	310	BQL
Butylbenzylphthalate	310	BQL
4-Chloroaniline	310	BQL
4-Chloro-3-methylphenol	310	BQL
2-Chloronaphthalene	310	BQL
2-Chlorophenol	310	BQL
4-Chlorophenyl phenyl ether	310	BQL
Chrysene	310	BQL
Di-n-Butylphthalate	310	BQL
Di-n-octylphthalate	310	BQL
Dibenzo[a,h]anthracene	310	BQL
Dibenzofuran	310	BQL
1,2-Dichlorobenzene	310	BQL
1,3-Dichlorobenzene	310	BQL
1,4-Dichlorobenzene	310	BQL
3,3'-Dichlorobenzidine	610	BQL
2,4-Dichlorophenol	310	BQL
Diethylphthalate	310	BQL
2,4-Dimethylphenol	310	BQL
Dimethylphthalate	310	BQL
4,6-Dinitro-2-methylphenol	1500	BQL
2,4-Dinitrophenol	1500	BQL
2,4-Dinitrotoluene	310	BQL
2,6-Dinitrotoluene	310	BQL
Fluoranthene	310	BQL
Fluorene	310	BQL
Hexachlorobenzene	310	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-5-25
Client Project ID: Progress Energy
Lab Sample ID: 39721
Lab Project ID: G122-1704
Matrix: Soil %Solids: 95.8

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	310	BQL
Hexachlorocyclopentadiene	610	BQL
Hexachloroethane	310	BQL
Indeno(1,2,3-c,d)pyrene	310	BQL
Isophorone	310	BQL
2-Methylnaphthalene	310	BQL
2-Methylphenol	310	BQL
3- & 4-Methylphenol	310	BQL
N-Nitrosodi-n-propylamine	310	BQL
N-Nitrosodiphenylamine	310	BQL
Naphthalene	310	BQL
2-Nitroaniline	310	BQL
3-Nitroaniline	310	BQL
4-Nitroaniline	310	BQL
Nitrobenzene	310	BQL
2-Nitrophenol	310	BQL
4-Nitrophenol	1500	BQL
Pentachlorophenol	1500	BQL
Phenanthrene	310	BQL
Phenol	310	BQL
Pyrene	310	BQL
1,2,4-Trichlorobenzene	310	BQL
2,4,5-Trichlorophenol	310	BQL
2,4,6-Trichlorophenol	310	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.5	115
2-Fluorophenol	10	7.2	72
Nitrobenzene-d5	10	10.1	101
Phenol-d6	10	7.3	73
2,4,6-Tribromophenol	10	5.3	53
4-Terphenyl-d14	10	11.3	113

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-6-25
Client Project ID: Progress Energy
Lab Sample ID: 40002
Lab Project ID: G122-1711
Matrix: Soil %Solids: 88.9

Date Analyzed: 3/27/02
Analyzed By: EKR
Date Collected: 3/20/02
Date Received: 3/21/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	56	BQL
Acrolein	110	BQL
Acrylonitrile	110	BQL
Benzene	5.6	BQL
Bromobenzene	5.6	BQL
Bromochloromethane	5.6	BQL
Bromodichloromethane	5.6	BQL
Bromoform	5.6	BQL
Bromomethane	5.6	BQL
2-Butanone	28	BQL
n-Butylbenzene	5.6	BQL
sec-Butylbenzene	5.6	BQL
tert-Butylbenzene	5.6	BQL
Carbon disulfide	5.6	BQL
Carbon tetrachloride	5.6	BQL
Chlorobenzene	5.6	BQL
Chloroethane	5.6	BQL
2-Chloroethyl vinyl ether	5.6	BQL
Chloroform	5.6	BQL
Chloromethane	5.6	BQL
2-Chlorotoluene	5.6	BQL
4-Chlorotoluene	5.6	BQL
Dibromochloromethane	5.6	BQL
1,2-Dibromo-3-chloropropane	5.6	BQL
Dibromomethane	5.6	BQL
1,2-Dibromoethane (EDB)	5.6	BQL
1,2-Dichlorobenzene	5.6	BQL
1,3-Dichlorobenzene	5.6	BQL
1,4-Dichlorobenzene	5.6	BQL
trans-1,4-Dichloro-2-butene	5.6	BQL
1,1-Dichloroethane	5.6	BQL
1,1-Dichloroethene	5.6	BQL
1,2-Dichloroethane	5.6	BQL
cis-1,2-Dichloroethene	5.6	BQL
trans-1,2-dichloroethene	5.6	BQL
1,2-Dichloropropane	5.6	BQL
1,3-Dichloropropane	5.6	BQL
2,2-Dichloropropane	5.6	BQL
1,1-Dichloropropene	5.6	BQL
cis-1,3-Dichloropropene	5.6	BQL
trans-1,3-Dichloropropene	5.6	BQL
Dichlorodifluoromethane	5.6	BQL
Diisopropyl ether (DIPE)	5.6	BQL
Ethylbenzene	5.6	BQL
Hexachlorobutadiene	5.6	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID:	GP-6-25	Date Analyzed:	3/27/02
Client Project ID:	Progress Energy	Analyzed By:	EKR
Lab Sample ID:	40002	Date Collected:	3/20/02
Lab Project ID:	G122-1711	Date Received:	3/21/02
Matrix:	Soil %Solids: 88.9	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.6	BQL
Iodomethane	5.6	BQL
Isopropylbenzene	5.6	BQL
4-Isopropyltoluene	5.6	BQL
Methylene chloride	23	BQL
4-Methyl-2-pentanone	5.6	BQL
Methyl-tert-butyl ether (MTBE)	5.6	BQL
Naphthalene	5.6	BQL
n-Propyl benzene	5.6	BQL
Styrene	5.6	BQL
1,1,1,2-Tetrachloroethane	5.6	BQL
1,1,2,2-Tetrachloroethane	5.6	BQL
Tetrachloroethene	5.6	BQL
Toluene	5.6	BQL
1,2,3-Trichlorobenzene	5.6	BQL
1,2,4-Trichlorobenzene	5.6	BQL
Trichloroethene	5.6	BQL
1,1,1-Trichloroethane	5.6	BQL
1,1,2-Trichloroethane	5.6	BQL
Trichlorofluoromethane	5.6	BQL
1,2,3-Trichloropropane	5.6	BQL
1,2,4-Trimethylbenzene	5.6	BQL
1,3,5-Trimethylbenzene	5.6	BQL
Vinyl chloride	5.6	BQL
m-,p-Xylene	11	BQL
o-Xylene	5.6	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	49.5	99
1,2-Dichloroethane-d4	50	57.3	115
Toluene-d8	50	51.5	103

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-6-25
Client Project ID: Progress Energy
Lab Sample ID: 40002
Lab Project ID: G122-1711
Matrix: Soil %Solids: 88.9

Date Collected: 3/20/2002
Date Received: 3/21/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	330	BQL
Acenaphthylene	330	BQL
Anthracene	330	BQL
Benzo[a]anthracene	330	BQL
Benzo[a]pyrene	330	BQL
Benzo[b]fluoranthene	330	BQL
Benzo[g,h,i]perylene	330	BQL
Benzo[k]fluoranthene	330	BQL
Benzoic Acid	670	BQL
Bis(2-chloroethoxy)methane	330	BQL
Bis(2-chloroethyl)ether	330	BQL
Bis(2-chloroisopropyl)ether	330	BQL
Bis(2-ethylhexyl)phthalate	330	BQL
4-bromophenyl phenyl ether	330	BQL
Butylbenzylphthalate	330	BQL
4-Chloroaniline	330	BQL
4-Chloro-3-methylphenol	330	BQL
2-Chloronaphthalene	330	BQL
2-Chlorophenol	330	BQL
4-Chlorophenyl phenyl ether	330	BQL
Chrysene	330	BQL
Di-n-Butylphthalate	330	BQL
Di-n-octylphthalate	330	BQL
Dibenzo[a,h]anthracene	330	BQL
Dibenzofuran	330	BQL
1,2-Dichlorobenzene	330	BQL
1,3-Dichlorobenzene	330	BQL
1,4-Dichlorobenzene	330	BQL
3,3'-Dichlorobenzidine	670	BQL
2,4-Dichlorophenol	330	BQL
Diethylphthalate	330	BQL
2,4-Dimethylphenol	330	BQL
Dimethylphthalate	330	BQL
4,6-Dinitro-2-methylphenol	1700	BQL
2,4-Dinitrophenol	1700	BQL
2,4-Dinitrotoluene	330	BQL
2,6-Dinitrotoluene	330	BQL
Fluoranthene	330	BQL
Fluorene	330	BQL
Hexachlorobenzene	330	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-6-25
Client Project ID: Progress Energy
Lab Sample ID: 40002
Lab Project ID: G122-1711
Matrix: Soil %Solids: 88.9

Date Collected: 3/20/2002
Date Received: 3/21/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	330	BQL
Hexachlorocyclopentadiene	670	BQL
Hexachloroethane	330	BQL
Indeno(1,2,3-c,d)pyrene	330	BQL
Isophorone	330	BQL
2-Methylnaphthalene	330	BQL
2-Methylphenol	330	BQL
3- & 4-Methylphenol	330	BQL
N-Nitrosodi-n-propylamine	330	BQL
N-Nitrosodiphenylamine	330	BQL
Naphthalene	330	BQL
2-Nitroaniline	330	BQL
3-Nitroaniline	330	BQL
4-Nitroaniline	330	BQL
Nitrobenzene	330	BQL
2-Nitrophenol	330	BQL
4-Nitrophenol	1700	BQL
Pentachlorophenol	1700	BQL
Phenanthrene	330	BQL
Phenol	330	BQL
Pyrene	330	BQL
1,2,4-Trichlorobenzene	330	BQL
2,4,5-Trichlorophenol	330	BQL
2,4,6-Trichlorophenol	330	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.4	104
2-Fluorophenol	10	11.1	111
Nitrobenzene-d5	10	11.9	119
Phenol-d6	10	10.4	104
2,4,6-Tribromophenol	10	8.9	89
4-Terphenyl-d14	10	12.0	120

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: JW

PARADIGM ANALYTICAL LABORATORIES, INC.

Volatiles
by GCMS 8260B

Client Sample ID: GP-7-5
Client Project ID: Progress Energy
Lab Sample ID: 39720
Lab Project ID: G122-1704
Matrix: Soil %Solids: 69.4

Date Analyzed: 3/22/02
Analyzed By: RNP
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	72	BQL
Acrolein	140	BQL
Acrylonitrile	140	BQL
Benzene	7.2	BQL
Bromobenzene	7.2	BQL
Bromochloromethane	7.2	BQL
Bromodichloromethane	7.2	BQL
Bromoform	7.2	BQL
Bromomethane	7.2	BQL
2-Butanone	36	BQL
n-Butylbenzene	7.2	BQL
sec-Butylbenzene	7.2	BQL
tert-Butylbenzene	7.2	BQL
Carbon disulfide	7.2	BQL
Carbon tetrachloride	7.2	BQL
Chlorobenzene	7.2	BQL
Chloroethane	7.2	BQL
2-Chloroethyl vinyl ether	7.2	BQL
Chloroform	7.2	BQL
Chloromethane	7.2	BQL
2-Chlorotoluene	7.2	BQL
4-Chlorotoluene	7.2	BQL
Dibromochloromethane	7.2	BQL
1,2-Dibromo-3-chloropropane	7.2	BQL
Dibromomethane	7.2	BQL
1,2-Dibromoethane (EDB)	7.2	BQL
1,2-Dichlorobenzene	7.2	BQL
1,3-Dichlorobenzene	7.2	BQL
1,4-Dichlorobenzene	7.2	BQL
trans-1,4-Dichloro-2-butene	7.2	BQL
1,1-Dichloroethane	7.2	BQL
1,1-Dichloroethene	7.2	BQL
1,2-Dichloroethane	7.2	BQL
cis-1,2-Dichloroethene	7.2	BQL
trans-1,2-dichloroethene	7.2	BQL
1,2-Dichloropropane	7.2	BQL
1,3-Dichloropropane	7.2	BQL
2,2-Dichloropropane	7.2	BQL
1,1-Dichloropropene	7.2	BQL
cis-1,3-Dichloropropene	7.2	BQL
trans-1,3-Dichloropropene	7.2	BQL
Dichlorodifluoromethane	7.2	BQL
Diisopropyl ether (DIPE)	7.2	BQL
Ethylbenzene	7.2	BQL
Hexachlorobutadiene	7.2	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-7-5
Client Project ID: Progress Energy
Lab Sample ID: 39720
Lab Project ID: G122-1704
Matrix: Soil %Solids: 69.4

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	430	BQL
Acenaphthylene	430	BQL
Anthracene	430	BQL
Benzo[a]anthracene	430	BQL
Benzo[a]pyrene	430	BQL
Benzo[b]fluoranthene	430	BQL
Benzo[g,h,i]perylene	430	BQL
Benzo[k]fluoranthene	430	BQL
Benzoic Acid	850	BQL
Bis(2-chloroethoxy)methane	430	BQL
Bis(2-chloroethyl)ether	430	BQL
Bis(2-chloroisopropyl)ether	430	BQL
Bis(2-ethylhexyl)phthalate	430	BQL
4-bromophenyl phenyl ether	430	BQL
Butylbenzylphthalate	430	BQL
4-Chloroaniline	430	BQL
4-Chloro-3-methylphenol	430	BQL
2-Chloronaphthalene	430	BQL
2-Chlorophenol	430	BQL
4-Chlorophenyl phenyl ether	430	BQL
Chrysene	430	BQL
Di-n-Butylphthalate	430	BQL
Di-n-octylphthalate	430	BQL
Dibenzo[a,h]anthracene	430	BQL
Dibenzofuran	430	BQL
1,2-Dichlorobenzene	430	BQL
1,3-Dichlorobenzene	430	BQL
1,4-Dichlorobenzene	430	BQL
3,3'-Dichlorobenzidine	850	BQL
2,4-Dichlorophenol	430	BQL
Diethylphthalate	430	BQL
2,4-Dimethylphenol	430	BQL
Dimethylphthalate	430	BQL
4,6-Dinitro-2-methylphenol	2100	BQL
2,4-Dinitrophenol	2100	BQL
2,4-Dinitrotoluene	430	BQL
2,6-Dinitrotoluene	430	BQL
Fluoranthene	430	BQL
Fluorene	430	BQL
Hexachlorobenzene	430	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-7-5
Client Project ID: Progress Energy
Lab Sample ID: 39720
Lab Project ID: G122-1704
Matrix: Soil %Solids: 69.4

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	430	BQL
Hexachlorocyclopentadiene	850	BQL
Hexachloroethane	430	BQL
Indeno(1,2,3-c,d)pyrene	430	BQL
Isophorone	430	BQL
2-Methylnaphthalene	430	BQL
2-Methylphenol	430	BQL
3- & 4-Methylphenol	430	BQL
N-Nitrosodi-n-propylamine	430	BQL
N-Nitrosodiphenylamine	430	BQL
Naphthalene	430	BQL
2-Nitroaniline	430	BQL
3-Nitroaniline	430	BQL
4-Nitroaniline	430	BQL
Nitrobenzene	430	BQL
2-Nitrophenol	430	BQL
4-Nitrophenol	2100	BQL
Pentachlorophenol	2100	BQL
Phenanthrene	430	BQL
Phenol	430	BQL
Pyrene	430	BQL
1,2,4-Trichlorobenzene	430	BQL
2,4,5-Trichlorophenol	430	BQL
2,4,6-Trichlorophenol	430	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.7	117
2-Fluorophenol	10	10.9	109
Nitrobenzene-d5	10	10.4	104
Phenol-d6	10	11.0	110
2,4,6-Tribromophenol	10	9.5	95
4-Terphenyl-d14	10	11.8	118

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-7-5	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/14/02
Lab Sample ID:	39720	Date Received:	3/16/02
Lab Project ID:	G122-1704	Matrix:	Soil
Batch ID:	2247 2249	Solids	69.39

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	**2.62**	1.31	1	MG/KG	6010B	3/21/02
Barium	**97.8**	13.1	1	MG/KG	6010B	3/21/02
Cadmium	BQL	1.31	1	MG/KG	6010B	3/21/02
Chromium	**9.39**	1.31	1	MG/KG	6010B	3/21/02
Lead	**106**	1.31	1	MG/KG	6010B	3/21/02
Mercury	**0.161**	0.0262	1	MG/KG	7471	3/21/02
Selenium	BQL	1.31	1	MG/KG	6010B	3/21/02
Silver	BQL	1.31	1	MG/KG	6010B	3/21/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-8-25
Client Project ID: Progress Energy
Lab Sample ID: 39719
Lab Project ID: G122-1704
Matrix: Soil %Solids: 91.9

Date Analyzed: 3/22/02
Analyzed By: RNP
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	54	BQL
Acrolein	110	BQL
Acrylonitrile	110	BQL
Benzene	5.4	BQL
Bromobenzene	5.4	BQL
Bromochloromethane	5.4	BQL
Bromodichloromethane	5.4	BQL
Bromoform	5.4	BQL
Bromomethane	5.4	BQL
2-Butanone	27	BQL
n-Butylbenzene	5.4	BQL
sec-Butylbenzene	5.4	BQL
tert-Butylbenzene	5.4	BQL
Carbon disulfide	5.4	BQL
Carbon tetrachloride	5.4	BQL
Chlorobenzene	5.4	BQL
Chloroethane	5.4	BQL
2-Chloroethyl vinyl ether	5.4	BQL
Chloroform	5.4	BQL
Chloromethane	5.4	BQL
2-Chlorotoluene	5.4	BQL
4-Chlorotoluene	5.4	BQL
Dibromochloromethane	5.4	BQL
1,2-Dibromo-3-chloropropane	5.4	BQL
Dibromomethane	5.4	BQL
1,2-Dibromoethane (EDB)	5.4	BQL
1,2-Dichlorobenzene	5.4	BQL
1,3-Dichlorobenzene	5.4	BQL
1,4-Dichlorobenzene	5.4	BQL
trans-1,4-Dichloro-2-butene	5.4	BQL
1,1-Dichloroethane	5.4	BQL
1,1-Dichloroethene	5.4	BQL
1,2-Dichloroethane	5.4	BQL
cis-1,2-Dichloroethene	5.4	BQL
trans-1,2-dichloroethene	5.4	BQL
1,2-Dichloropropane	5.4	BQL
1,3-Dichloropropane	5.4	BQL
2,2-Dichloropropane	5.4	BQL
1,1-Dichloropropene	5.4	BQL
cis-1,3-Dichloropropene	5.4	BQL
trans-1,3-Dichloropropene	5.4	BQL
Dichlorodifluoromethane	5.4	BQL
Diisopropyl ether (DIPE)	5.4	BQL
Ethylbenzene	5.4	BQL
Hexachlorobutadiene	5.4	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-8-25
Client Project ID: Progress Energy
Lab Sample ID: 39719
Lab Project ID: G122-1704
Matrix: Soil %Solids: 91.9

Date Analyzed: 3/22/02
Analyzed By: RNP
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.4	BQL
Iodomethane	5.4	BQL
Isopropylbenzene	5.4	BQL
4-Isopropyltoluene	5.4	BQL
Methylene chloride	22	BQL
4-Methyl-2-pentanone	5.4	BQL
Methyl-tert-butyl ether (MTBE)	5.4	BQL
Naphthalene	5.4	BQL
n-Propyl benzene	5.4	BQL
Styrene	5.4	BQL
1,1,1,2-Tetrachloroethane	5.4	BQL
1,1,2,2-Tetrachloroethane	5.4	BQL
Tetrachloroethene	5.4	BQL
Toluene	5.4	BQL
1,2,3-Trichlorobenzene	5.4	BQL
1,2,4-Trichlorobenzene	5.4	BQL
Trichloroethene	5.4	BQL
1,1,1-Trichloroethane	5.4	BQL
1,1,2-Trichloroethane	5.4	BQL
Trichlorofluoromethane	5.4	BQL
1,2,3-Trichloropropane	5.4	BQL
1,2,4-Trimethylbenzene	5.4	BQL
1,3,5-Trimethylbenzene	5.4	BQL
Vinyl chloride	5.4	BQL
m-,p-Xylene	11	BQL
o-Xylene	5.4	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	46.4	93
1,2-Dichloroethane-d4	50	53.9	108
Toluene-d8	50	48.9	98

Comments:

All results are corrected for dilution.

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-8-25
Client Project ID: Progress Energy
Lab Sample ID: 39719
Lab Project ID: G122-1704
Matrix: Soil %Solids: 91.9

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	320	BQL
Acenaphthylene	320	BQL
Anthracene	320	BQL
Benzo[a]anthracene	320	BQL
Benzo[a]pyrene	320	BQL
Benzo[b]fluoranthene	320	BQL
Benzo[g,h,i]perylene	320	BQL
Benzo[k]fluoranthene	320	BQL
Benzoic Acid	640	BQL
Bis(2-chloroethoxy)methane	320	BQL
Bis(2-chloroethyl)ether	320	BQL
Bis(2-chloroisopropyl)ether	320	BQL
Bis(2-ethylhexyl)phthalate	320	BQL
4-bromophenyl phenyl ether	320	BQL
Butylbenzylphthalate	320	BQL
4-Chloroaniline	320	BQL
4-Chloro-3-methylphenol	320	BQL
2-Chloronaphthalene	320	BQL
2-Chlorophenol	320	BQL
4-Chlorophenyl phenyl ether	320	BQL
Chrysene	320	BQL
Di-n-Butylphthalate	320	BQL
Di-n-octylphthalate	320	BQL
Dibenzo[a,h]anthracene	320	BQL
Dibenzofuran	320	BQL
1,2-Dichlorobenzene	320	BQL
1,3-Dichlorobenzene	320	BQL
1,4-Dichlorobenzene	320	BQL
3,3'-Dichlorobenzidine	640	BQL
2,4-Dichlorophenol	320	BQL
Diethylphthalate	320	BQL
2,4-Dimethylphenol	320	BQL
Dimethylphthalate	320	BQL
4,6-Dinitro-2-methylphenol	1600	BQL
2,4-Dinitrophenol	1600	BQL
2,4-Dinitrotoluene	320	BQL
2,6-Dinitrotoluene	320	BQL
Fluoranthene	320	BQL
Fluorene	320	BQL
Hexachlorobenzene	320	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-8-25
Client Project ID: Progress Energy
Lab Sample ID: 39719
Lab Project ID: G122-1704
Matrix: Soil %Solids: 91.9

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	320	BQL
Hexachlorocyclopentadiene	640	BQL
Hexachloroethane	320	BQL
Indeno(1,2,3-c,d)pyrene	320	BQL
Isophorone	320	BQL
2-Methylnaphthalene	320	BQL
2-Methylphenol	320	BQL
3- & 4-Methylphenol	320	BQL
N-Nitrosodi-n-propylamine	320	BQL
N-Nitrosodiphenylamine	320	BQL
Naphthalene	320	BQL
2-Nitroaniline	320	BQL
3-Nitroaniline	320	BQL
4-Nitroaniline	320	BQL
Nitrobenzene	320	BQL
2-Nitrophenol	320	BQL
4-Nitrophenol	1600	BQL
Pentachlorophenol	1600	BQL
Phenanthrene	320	BQL
Phenol	320	BQL
Pyrene	320	BQL
1,2,4-Trichlorobenzene	320	BQL
2,4,5-Trichlorophenol	320	BQL
2,4,6-Trichlorophenol	320	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.7	107
2-Fluorophenol	10	7.9	79
Nitrobenzene-d5	10	9.4	94
Phenol-d6	10	8.1	81
2,4,6-Tribromophenol	10	7.8	78
4-Terphenyl-d14	10	10.0	100

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID:	GP-8-25	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/14/02
Lab Sample ID:	39719	Date Received:	3/16/02
Lab Project ID:	G122-1704	Matrix:	Soil
Batch ID:	2247 2249	Solids	91.86

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	0.990	1	MG/KG	6010B	3/21/02
Barium	**11.1**	9.90	1	MG/KG	6010B	3/21/02
Cadmium	BQL	0.990	1	MG/KG	6010B	3/21/02
Chromium	BQL	0.990	1	MG/KG	6010B	3/21/02
Lead	**5.14**	0.990	1	MG/KG	6010B	3/21/02
Mercury	BQL	0.0211	1	MG/KG	7471	3/21/02
Selenium	BQL	0.990	1	MG/KG	6010B	3/21/02
Silver	BQL	0.990	1	MG/KG	6010B	3/21/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-9-25
Client Project ID: Progress Energy
Lab Sample ID: 39998
Lab Project ID: G122-1711
Matrix: Soil %Solids: 80.6

Date Analyzed: 3/27/02
Analyzed By: EKR
Date Collected: 3/20/02
Date Received: 3/21/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	62	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	6.2	BQL
Bromobenzene	6.2	BQL
Bromochloromethane	6.2	BQL
Bromodichloromethane	6.2	BQL
Bromoform	6.2	BQL
Bromomethane	6.2	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.2	BQL
sec-Butylbenzene	6.2	BQL
tert-Butylbenzene	6.2	BQL
Carbon disulfide	6.2	BQL
Carbon tetrachloride	6.2	BQL
Chlorobenzene	6.2	BQL
Chloroethane	6.2	BQL
2-Chloroethyl vinyl ether	6.2	BQL
Chloroform	6.2	BQL
Chloromethane	6.2	BQL
2-Chlorotoluene	6.2	BQL
4-Chlorotoluene	6.2	BQL
Dibromochloromethane	6.2	BQL
1,2-Dibromo-3-chloropropane	6.2	BQL
Dibromomethane	6.2	BQL
1,2-Dibromoethane (EDB)	6.2	BQL
1,2-Dichlorobenzene	6.2	BQL
1,3-Dichlorobenzene	6.2	BQL
1,4-Dichlorobenzene	6.2	BQL
trans-1,4-Dichloro-2-butene	6.2	BQL
1,1-Dichloroethane	6.2	BQL
1,1-Dichloroethene	6.2	BQL
1,2-Dichloroethane	6.2	BQL
cis-1,2-Dichloroethene	6.2	BQL
trans-1,2-dichloroethene	6.2	BQL
1,2-Dichloropropane	6.2	BQL
1,3-Dichloropropane	6.2	BQL
2,2-Dichloropropane	6.2	BQL
1,1-Dichloropropene	6.2	BQL
cis-1,3-Dichloropropene	6.2	BQL
trans-1,3-Dichloropropene	6.2	BQL
Dichlorodifluoromethane	6.2	BQL
Diisopropyl ether (DIPE)	6.2	BQL
Ethylbenzene	6.2	BQL
Hexachlorobutadiene	6.2	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID:	GP-9-25	Date Analyzed:	3/27/02
Client Project ID:	Progress Energy	Analyzed By:	EKR
Lab Sample ID:	39998	Date Collected:	3/20/02
Lab Project ID:	G122-1711	Date Received:	3/21/02
Matrix:	Soil %Solids: 80.6	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.2	BQL
Iodomethane	6.2	BQL
Isopropylbenzene	6.2	BQL
4-Isopropyltoluene	6.2	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.2	BQL
Methyl-tert-butyl ether (MTBE)	6.2	BQL
Naphthalene	6.2	BQL
n-Propyl benzene	6.2	BQL
Styrene	6.2	BQL
1,1,1,2-Tetrachloroethane	6.2	BQL
1,1,2,2-Tetrachloroethane	6.2	BQL
Tetrachloroethene	6.2	BQL
Toluene	6.2	BQL
1,2,3-Trichlorobenzene	6.2	BQL
1,2,4-Trichlorobenzene	6.2	BQL
Trichloroethene	6.2	BQL
1,1,1-Trichloroethane	6.2	BQL
1,1,2-Trichloroethane	6.2	BQL
Trichlorofluoromethane	6.2	BQL
1,2,3-Trichloropropane	6.2	BQL
1,2,4-Trimethylbenzene	6.2	BQL
1,3,5-Trimethylbenzene	6.2	BQL
Vinyl chloride	6.2	BQL
m-,p-Xylene	12	BQL
o-Xylene	6.2	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.4	97
1,2-Dichloroethane-d4	50	57.0	114
Toluene-d8	50	51.1	102

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-9-25
Client Project ID: Progress Energy
Lab Sample ID: 39998
Lab Project ID: G122-1711
Matrix: Soil %Solids: 80.6

Date Collected: 3/20/2002
Date Received: 3/21/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	390	BQL
Acenaphthylene	390	BQL
Anthracene	390	BQL
Benzo[a]anthracene	390	BQL
Benzo[a]pyrene	390	BQL
Benzo[b]fluoranthene	390	BQL
Benzo[g,h,i]perylene	390	BQL
Benzo[k]fluoranthene	390	BQL
Benzoic Acid	770	BQL
Bis(2-chloroethoxy)methane	390	BQL
Bis(2-chloroethyl)ether	390	BQL
Bis(2-chloroisopropyl)ether	390	BQL
Bis(2-ethylhexyl)phthalate	390	BQL
4-bromophenyl phenyl ether	390	BQL
Butylbenzylphthalate	390	BQL
4-Chloroaniline	390	BQL
4-Chloro-3-methylphenol	390	BQL
2-Chloronaphthalene	390	BQL
2-Chlorophenol	390	BQL
4-Chlorophenyl phenyl ether	390	BQL
Chrysene	390	BQL
Di-n-Butylphthalate	390	BQL
Di-n-octylphthalate	390	BQL
Dibenzo[a,h]anthracene	390	BQL
Dibenzofuran	390	BQL
1,2-Dichlorobenzene	390	BQL
1,3-Dichlorobenzene	390	BQL
1,4-Dichlorobenzene	390	BQL
3,3'-Dichlorobenzidine	770	BQL
2,4-Dichlorophenol	390	BQL
Diethylphthalate	390	BQL
2,4-Dimethylphenol	390	BQL
Dimethylphthalate	390	BQL
4,6-Dinitro-2-methylphenol	1900	BQL
2,4-Dinitrophenol	1900	BQL
2,4-Dinitrotoluene	390	BQL
2,6-Dinitrotoluene	390	BQL
Fluoranthene	390	BQL
Fluorene	390	BQL
Hexachlorobenzene	390	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-9-25
Client Project ID: Progress Energy
Lab Sample ID: 39998
Lab Project ID: G122-1711
Matrix: Soil %Solids: 80.6

Date Collected: 3/20/2002
Date Received: 3/21/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	390	BQL
Hexachlorocyclopentadiene	770	BQL
Hexachloroethane	390	BQL
Indeno(1,2,3-c,d)pyrene	390	BQL
Isophorone	390	BQL
2-Methylnaphthalene	390	BQL
2-Methylphenol	390	BQL
3- & 4-Methylphenol	390	BQL
N-Nitrosodi-n-propylamine	390	BQL
N-Nitrosodiphenylamine	390	BQL
Naphthalene	390	BQL
2-Nitroaniline	390	BQL
3-Nitroaniline	390	BQL
4-Nitroaniline	390	BQL
Nitrobenzene	390	BQL
2-Nitrophenol	390	BQL
4-Nitrophenol	1900	BQL
Pentachlorophenol	1900	BQL
Phenanthrene	390	BQL
Phenol	390	BQL
Pyrene	390	BQL
1,2,4-Trichlorobenzene	390	BQL
2,4,5-Trichlorophenol	390	BQL
2,4,6-Trichlorophenol	390	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.7	107
2-Fluorophenol	10	11.7	117
Nitrobenzene-d5	10	11.7	117
Phenol-d6	10	10.8	108
2,4,6-Tribromophenol	10	9.7	97
4-Terphenyl-d14	10	10.8	108

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID:	GP-9-25	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/20/02
Lab Sample ID:	39998	Date Received:	3/21/02
Lab Project ID:	G122-1711	Matrix:	Soil
Batch ID:	2256 2249	Solids	80.62

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.24	1	MG/KG	6010B	3/22/02
Barium	**137**	12.4	1	MG/KG	6010B	3/22/02
Cadmium	BQL	1.24	1	MG/KG	6010B	3/22/02
Chromium	**15.7**	1.24	1	MG/KG	6010B	3/22/02
Lead	**5.29**	1.24	1	MG/KG	6010B	3/22/02
Mercury	BQL	0.0223	1	MG/KG	7471	3/26/02
Selenium	BQL	1.24	1	MG/KG	6010B	3/22/02
Silver	BQL	1.24	1	MG/KG	6010B	3/22/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-10-25
Client Project ID: Progress Energy
Lab Sample ID: 39701
Lab Project ID: G122-1704
Matrix: Soil %Solids: 85.0

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/12/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	59	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	5.9	BQL
Bromobenzene	5.9	BQL
Bromochloromethane	5.9	BQL
Bromodichloromethane	5.9	BQL
Bromoform	5.9	BQL
Bromomethane	5.9	BQL
2-Butanone	29	BQL
n-Butylbenzene	5.9	BQL
sec-Butylbenzene	5.9	BQL
tert-Butylbenzene	5.9	BQL
Carbon disulfide	5.9	BQL
Carbon tetrachloride	5.9	BQL
Chlorobenzene	5.9	BQL
Chloroethane	5.9	BQL
2-Chloroethyl vinyl ether	5.9	BQL
Chloroform	5.9	BQL
Chloromethane	5.9	BQL
2-Chlorotoluene	5.9	BQL
4-Chlorotoluene	5.9	BQL
Dibromochloromethane	5.9	BQL
1,2-Dibromo-3-chloropropane	5.9	BQL
Dibromomethane	5.9	BQL
1,2-Dibromoethane (EDB)	5.9	BQL
1,2-Dichlorobenzene	5.9	BQL
1,3-Dichlorobenzene	5.9	BQL
1,4-Dichlorobenzene	5.9	BQL
trans-1,4-Dichloro-2-butene	5.9	BQL
1,1-Dichloroethane	5.9	BQL
1,1-Dichloroethene	5.9	BQL
1,2-Dichloroethane	5.9	BQL
cis-1,2-Dichloroethene	5.9	BQL
trans-1,2-dichloroethene	5.9	BQL
1,2-Dichloropropane	5.9	BQL
1,3-Dichloropropane	5.9	BQL
2,2-Dichloropropane	5.9	BQL
1,1-Dichloropropene	5.9	BQL
cis-1,3-Dichloropropene	5.9	BQL
trans-1,3-Dichloropropene	5.9	BQL
Dichlorodifluoromethane	5.9	BQL
Diisopropyl ether (DIPE)	5.9	BQL
Ethylbenzene	5.9	BQL
Hexachlorobutadiene	5.9	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID:	GP-10-25	Date Analyzed:	3/21/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39701	Date Collected:	3/12/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %Solids: 85.0	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.9	BQL
Iodomethane	5.9	BQL
Isopropylbenzene	5.9	BQL
4-Isopropyltoluene	5.9	BQL
Methylene chloride	24	BQL
4-Methyl-2-pentanone	5.9	BQL
Methyl-tert-butyl ether (MTBE)	5.9	BQL
Naphthalene	5.9	BQL
n-Propyl benzene	5.9	BQL
Styrene	5.9	BQL
1,1,1,2-Tetrachloroethane	5.9	BQL
1,1,2,2-Tetrachloroethane	5.9	BQL
Tetrachloroethene	5.9	BQL
Toluene	5.9	BQL
1,2,3-Trichlorobenzene	5.9	BQL
1,2,4-Trichlorobenzene	5.9	BQL
Trichloroethene	5.9	BQL
1,1,1-Trichloroethane	5.9	BQL
1,1,2-Trichloroethane	5.9	BQL
Trichlorofluoromethane	5.9	BQL
1,2,3-Trichloropropane	5.9	BQL
1,2,4-Trimethylbenzene	5.9	BQL
1,3,5-Trimethylbenzene	5.9	BQL
Vinyl chloride	5.9	BQL
m-,p-Xylene	12	BQL
o-Xylene	5.9	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	47.8	96
1,2-Dichloroethane-d4	50	53.1	106
Toluene-d8	50	50.1	100

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-10-25
Client Project ID: Progress Energy
Lab Sample ID: 39701
Lab Project ID: G122-1704
Matrix: Soil %Solids: 85.0

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	360	BQL
Acenaphthylene	360	BQL
Anthracene	360	BQL
Benzo[a]anthracene	360	BQL
Benzo[a]pyrene	360	BQL
Benzo[b]fluoranthene	360	BQL
Benzo[g,h,i]perylene	360	BQL
Benzo[k]fluoranthene	360	BQL
Benzoic Acid	720	BQL
Bis(2-chloroethoxy)methane	360	BQL
Bis(2-chloroethyl)ether	360	BQL
Bis(2-chloroisopropyl)ether	360	BQL
Bis(2-ethylhexyl)phthalate	360	BQL
4-bromophenyl phenyl ether	360	BQL
Butylbenzylphthalate	360	BQL
4-Chloroaniline	360	BQL
4-Chloro-3-methylphenol	360	BQL
2-Chloronaphthalene	360	BQL
2-Chlorophenol	360	BQL
4-Chlorophenyl phenyl ether	360	BQL
Chrysene	360	BQL
Di-n-Butylphthalate	360	BQL
Di-n-octylphthalate	360	BQL
Dibenzo[a,h]anthracene	360	BQL
Dibenzofuran	360	BQL
1,2-Dichlorobenzene	360	BQL
1,3-Dichlorobenzene	360	BQL
1,4-Dichlorobenzene	360	BQL
3,3'-Dichlorobenzidine	720	BQL
2,4-Dichlorophenol	360	BQL
Diethylphthalate	360	BQL
2,4-Dimethylphenol	360	BQL
Dimethylphthalate	360	BQL
4,6-Dinitro-2-methylphenol	1800	BQL
2,4-Dinitrophenol	1800	BQL
2,4-Dinitrotoluene	360	BQL
2,6-Dinitrotoluene	360	BQL
Fluoranthene	360	BQL
Fluorene	360	BQL
Hexachlorobenzene	360	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-10-25
Client Project ID: Progress Energy
Lab Sample ID: 39701
Lab Project ID: G122-1704
Matrix: Soil %Solids: 85.0

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	360	BQL
Hexachlorocyclopentadiene	720	BQL
Hexachloroethane	360	BQL
Indeno(1,2,3-c,d)pyrene	360	BQL
Isophorone	360	BQL
2-Methylnaphthalene	360	BQL
2-Methylphenol	360	BQL
3- & 4-Methylphenol	360	BQL
N-Nitrosodi-n-propylamine	360	BQL
N-Nitrosodiphenylamine	360	BQL
Naphthalene	360	BQL
2-Nitroaniline	360	BQL
3-Nitroaniline	360	BQL
4-Nitroaniline	360	BQL
Nitrobenzene	360	BQL
2-Nitrophenol	360	BQL
4-Nitrophenol	1800	BQL
Pentachlorophenol	1800	BQL
Phenanthrene	360	BQL
Phenol	360	BQL
Pyrene	360	BQL
1,2,4-Trichlorobenzene	360	BQL
2,4,5-Trichlorophenol	360	BQL
2,4,6-Trichlorophenol	360	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.6	116
2-Fluorophenol	10	9.7	97
Nitrobenzene-d5	10	10.2	102
Phenol-d6	10	9.7	97
2,4,6-Tribromophenol	10	9.4	94
4-Terphenyl-d14	10	12.1	121

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-10-25	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/12/02
Lab Sample ID:	39701	Date Received:	3/16/02
Lab Project ID:	G122-1704	Matrix:	Soil
Batch ID:	2247 2249	Solids	85.03

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.07	1	MG/KG	6010B	3/21/02
Barium	**63.5**	10.7	1	MG/KG	6010B	3/21/02
Cadmium	BQL	1.07	1	MG/KG	6010B	3/21/02
Chromium	**2.57**	1.07	1	MG/KG	6010B	3/21/02
Lead	**3.82**	1.07	1	MG/KG	6010B	3/21/02
Mercury	BQL	0.0220	1	MG/KG	7471	3/21/02
Selenium	BQL	1.07	1	MG/KG	6010B	3/21/02
Silver	BQL	1.07	1	MG/KG	6010B	3/21/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-11-20
Client Project ID: Progress Energy
Lab Sample ID: 39716
Lab Project ID: G122-1704
Matrix: Soil %Solids: 86.8

Date Analyzed: 3/22/02
Analyzed By: RNP
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	58	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	5.8	BQL
Bromobenzene	5.8	BQL
Bromochloromethane	5.8	BQL
Bromodichloromethane	5.8	BQL
Bromoform	5.8	BQL
Bromomethane	5.8	BQL
2-Butanone	29	BQL
n-Butylbenzene	5.8	BQL
sec-Butylbenzene	5.8	BQL
tert-Butylbenzene	5.8	BQL
Carbon disulfide	5.8	BQL
Carbon tetrachloride	5.8	BQL
Chlorobenzene	5.8	BQL
Chloroethane	5.8	BQL
2-Chloroethyl vinyl ether	5.8	BQL
Chloroform	5.8	BQL
Chloromethane	5.8	BQL
2-Chlorotoluene	5.8	BQL
4-Chlorotoluene	5.8	BQL
Dibromochloromethane	5.8	BQL
1,2-Dibromo-3-chloropropane	5.8	BQL
Dibromomethane	5.8	BQL
1,2-Dibromoethane (EDB)	5.8	BQL
1,2-Dichlorobenzene	5.8	BQL
1,3-Dichlorobenzene	5.8	BQL
1,4-Dichlorobenzene	5.8	BQL
trans-1,4-Dichloro-2-butene	5.8	BQL
1,1-Dichloroethane	5.8	BQL
1,1-Dichloroethene	5.8	BQL
1,2-Dichloroethane	5.8	BQL
cis-1,2-Dichloroethene	5.8	BQL
trans-1,2-dichloroethene	5.8	BQL
1,2-Dichloropropane	5.8	BQL
1,3-Dichloropropane	5.8	BQL
2,2-Dichloropropane	5.8	BQL
1,1-Dichloropropene	5.8	BQL
cis-1,3-Dichloropropene	5.8	BQL
trans-1,3-Dichloropropene	5.8	BQL
Dichlorodifluoromethane	5.8	BQL
Diisopropyl ether (DIPE)	5.8	BQL
Ethylbenzene	5.8	BQL
Hexachlorobutadiene	5.8	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-11-20
Client Project ID: Progress Energy
Lab Sample ID: 39716
Lab Project ID: G122-1704
Matrix: Soil %Solids: 86.8

Date Analyzed: 3/22/02
Analyzed By: RNP
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.8	BQL
Iodomethane	5.8	BQL
Isopropylbenzene	5.8	BQL
4-Isopropyltoluene	5.8	BQL
Methylene chloride	23	BQL
4-Methyl-2-pentanone	5.8	BQL
Methyl-tert-butyl ether (MTBE)	5.8	BQL
Naphthalene	5.8	BQL
n-Propyl benzene	5.8	BQL
Styrene	5.8	BQL
1,1,1,2-Tetrachloroethane	5.8	BQL
1,1,2,2-Tetrachloroethane	5.8	BQL
Tetrachloroethene	5.8	BQL
Toluene	5.8	BQL
1,2,3-Trichlorobenzene	5.8	BQL
1,2,4-Trichlorobenzene	5.8	BQL
Trichloroethene	5.8	BQL
1,1,1-Trichloroethane	5.8	BQL
1,1,2-Trichloroethane	5.8	BQL
Trichlorofluoromethane	5.8	BQL
1,2,3-Trichloropropane	5.8	BQL
1,2,4-Trimethylbenzene	5.8	BQL
1,3,5-Trimethylbenzene	5.8	BQL
Vinyl chloride	5.8	BQL
m-,p-Xylene	12	BQL
o-Xylene	5.8	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	47.3	95
1,2-Dichloroethane-d4	50	55.9	112
Toluene-d8	50	50.1	100

Comments:

All results are corrected for dilution.

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-11-20
Client Project ID: Progress Energy
Lab Sample ID: 39716
Lab Project ID: G122-1704
Matrix: Soil %Solids: 86.8

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	350	BQL
Acenaphthylene	350	BQL
Anthracene	350	BQL
Benzo[a]anthracene	350	BQL
Benzo[a]pyrene	350	BQL
Benzo[b]fluoranthene	350	BQL
Benzo[g,h,i]perylene	350	BQL
Benzo[k]fluoranthene	350	BQL
Benzoic Acid	710	BQL
Bis(2-chloroethoxy)methane	350	BQL
Bis(2-chloroethyl)ether	350	BQL
Bis(2-chloroisopropyl)ether	350	BQL
Bis(2-ethylhexyl)phthalate	350	BQL
4-bromophenyl phenyl ether	350	BQL
Butylbenzylphthalate	350	BQL
4-Chloroaniline	350	BQL
4-Chloro-3-methylphenol	350	BQL
2-Chloronaphthalene	350	BQL
2-Chlorophenol	350	BQL
4-Chlorophenyl phenyl ether	350	BQL
Chrysene	350	BQL
Di-n-Butylphthalate	350	BQL
Di-n-octylphthalate	350	BQL
Dibenzo[a,h]anthracene	350	BQL
Dibenzofuran	350	BQL
1,2-Dichlorobenzene	350	BQL
1,3-Dichlorobenzene	350	BQL
1,4-Dichlorobenzene	350	BQL
3,3'-Dichlorobenzidine	710	BQL
2,4-Dichlorophenol	350	BQL
Diethylphthalate	350	BQL
2,4-Dimethylphenol	350	BQL
Dimethylphthalate	350	BQL
4,6-Dinitro-2-methylphenol	1800	BQL
2,4-Dinitrophenol	1800	BQL
2,4-Dinitrotoluene	350	BQL
2,6-Dinitrotoluene	350	BQL
Fluoranthene	350	BQL
Fluorene	350	BQL
Hexachlorobenzene	350	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-11-20
Client Project ID: Progress Energy
Lab Sample ID: 39716
Lab Project ID: G122-1704
Matrix: Soil %Solids: 86.8

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	350	BQL
Hexachlorocyclopentadiene	710	BQL
Hexachloroethane	350	BQL
Indeno(1,2,3-c,d)pyrene	350	BQL
Isophorone	350	BQL
2-Methylnaphthalene	350	BQL
2-Methylphenol	350	BQL
3- & 4-Methylphenol	350	BQL
N-Nitrosodi-n-propylamine	350	BQL
N-Nitrosodiphenylamine	350	BQL
Naphthalene	350	BQL
2-Nitroaniline	350	BQL
3-Nitroaniline	350	BQL
4-Nitroaniline	350	BQL
Nitrobenzene	350	BQL
2-Nitrophenol	350	BQL
4-Nitrophenol	1800	BQL
Pentachlorophenol	1800	BQL
Phenanthrene	350	BQL
Phenol	350	BQL
Pyrene	350	BQL
1,2,4-Trichlorobenzene	350	BQL
2,4,5-Trichlorophenol	350	BQL
2,4,6-Trichlorophenol	350	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.7	117
2-Fluorophenol	10	10.1	101
Nitrobenzene-d5	10	10.5	105
Phenol-d6	10	9.7	97
2,4,6-Tribromophenol	10	9.2	92
4-Terphenyl-d14	10	11.9	119

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-12-20
Client Project ID: Progress Energy
Lab Sample ID: 39717
Lab Project ID: G122-1704
Matrix: Soil %Solids: 83.0

Date Analyzed: 3/22/02
Analyzed By: RNP
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	60	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	6	BQL
Bromobenzene	6	BQL
Bromochloromethane	6	BQL
Bromodichloromethane	6	BQL
Bromoform	6	BQL
Bromomethane	6	BQL
2-Butanone	30	BQL
n-Butylbenzene	6	BQL
sec-Butylbenzene	6	BQL
tert-Butylbenzene	6	BQL
Carbon disulfide	6	BQL
Carbon tetrachloride	6	BQL
Chlorobenzene	6	BQL
Chloroethane	6	BQL
2-Chloroethyl vinyl ether	6	BQL
Chloroform	6	BQL
Chloromethane	6	BQL
2-Chlorotoluene	6	BQL
4-Chlorotoluene	6	BQL
Dibromochloromethane	6	BQL
1,2-Dibromo-3-chloropropane	6	BQL
Dibromomethane	6	BQL
1,2-Dibromoethane (EDB)	6	BQL
1,2-Dichlorobenzene	6	BQL
1,3-Dichlorobenzene	6	BQL
1,4-Dichlorobenzene	6	BQL
trans-1,4-Dichloro-2-butene	6	BQL
1,1-Dichloroethane	6	BQL
1,1-Dichloroethene	6	BQL
1,2-Dichloroethane	6	BQL
cis-1,2-Dichloroethene	6	BQL
trans-1,2-dichloroethene	6	BQL
1,2-Dichloropropane	6	BQL
1,3-Dichloropropane	6	BQL
2,2-Dichloropropane	6	BQL
1,1-Dichloropropene	6	BQL
cis-1,3-Dichloropropene	6	BQL
trans-1,3-Dichloropropene	6	BQL
Dichlorodifluoromethane	6	BQL
Diisopropyl ether (DIPE)	6	BQL
Ethylbenzene	6	BQL
Hexachlorobutadiene	6	BQL

Reviewed by: RN

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID:	GP-12-20	Date Analyzed:	3/22/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39717	Date Collected:	3/14/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %Solids: 83.0	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6	BQL
Iodomethane	6	BQL
Isopropylbenzene	6	BQL
4-Isopropyltoluene	6	BQL
Methylene chloride	24	BQL
4-Methyl-2-pentanone	6	BQL
Methyl-tert-butyl ether (MTBE)	6	BQL
Naphthalene	6	BQL
n-Propyl benzene	6	BQL
Styrene	6	BQL
1,1,1,2-Tetrachloroethane	6	BQL
1,1,2,2-Tetrachloroethane	6	BQL
Tetrachloroethene	6	BQL
Toluene	6	BQL
1,2,3-Trichlorobenzene	6	BQL
1,2,4-Trichlorobenzene	6	BQL
Trichloroethene	6	BQL
1,1,1-Trichloroethane	6	BQL
1,1,2-Trichloroethane	6	BQL
Trichlorofluoromethane	6	BQL
1,2,3-Trichloropropane	6	BQL
1,2,4-Trimethylbenzene	6	BQL
1,3,5-Trimethylbenzene	6	BQL
Vinyl chloride	6	BQL
m-,p-Xylene	12	BQL
o-Xylene	6	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	46.4	93
1,2-Dichloroethane-d4	50	54.7	109
Toluene-d8	50	50.0	100

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-12-20
Client Project ID: 122
Lab Sample ID: 39717
Lab Project ID: G122-1704
Matrix: W1E %Solids: 83.0

Date Collected: 3/16/2002
Date Received: 3/22/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	360	BQL
Acenaphthylene	360	BQL
Anthracene	360	BQL
Benzo[a]anthracene	360	BQL
Benzo[a]pyrene	360	BQL
Benzo[b]fluoranthene	360	BQL
Benzo[g,h,i]perylene	360	BQL
Benzo[k]fluoranthene	360	BQL
Benzoic Acid	720	BQL
Bis(2-chloroethoxy)methane	360	BQL
Bis(2-chloroethyl)ether	360	BQL
Bis(2-chloroisopropyl)ether	360	BQL
Bis(2-ethylhexyl)phthalate	360	BQL
4-bromophenyl phenyl ether	360	BQL
Butylbenzylphthalate	360	BQL
4-Chloroaniline	360	BQL
4-Chloro-3-methylphenol	360	BQL
2-Chloronaphthalene	360	BQL
2-Chlorophenol	360	BQL
4-Chlorophenyl phenyl ether	360	BQL
Chrysene	360	BQL
Di-n-Butylphthalate	360	BQL
Di-n-octylphthalate	360	BQL
Dibenzo[a,h]anthracene	360	BQL
Dibenzofuran	360	BQL
1,2-Dichlorobenzene	360	BQL
1,3-Dichlorobenzene	360	BQL
1,4-Dichlorobenzene	360	BQL
3,3'-Dichlorobenzidine	720	BQL
2,4-Dichlorophenol	360	BQL
Diethylphthalate	360	BQL
2,4-Dimethylphenol	360	BQL
Dimethylphthalate	360	BQL
4,6-Dinitro-2-methylphenol	1800	BQL
2,4-Dinitrophenol	1800	BQL
2,4-Dinitrotoluene	360	BQL
2,6-Dinitrotoluene	360	BQL
Fluoranthene	360	BQL
Fluorene	360	BQL
Hexachlorobenzene	360	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-12-20
Client Project ID: 122
Lab Sample ID: 39717
Lab Project ID: G122-1704
Matrix: W1E %Solids: 83.0

Date Collected: 3/16/2002
Date Received: 3/22/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	360	BQL
Hexachlorocyclopentadiene	720	BQL
Hexachloroethane	360	BQL
Indeno(1,2,3-c,d)pyrene	360	BQL
Isophorone	360	BQL
2-Methylnaphthalene	360	BQL
2-Methylphenol	360	BQL
3- & 4-Methylphenol	360	BQL
N-Nitrosodi-n-propylamine	360	BQL
N-Nitrosodiphenylamine	360	BQL
Naphthalene	360	BQL
2-Nitroaniline	360	BQL
3-Nitroaniline	360	BQL
4-Nitroaniline	360	BQL
Nitrobenzene	360	BQL
2-Nitrophenol	360	BQL
4-Nitrophenol	1800	BQL
Pentachlorophenol	1800	BQL
Phenanthrene	360	BQL
Phenol	360	BQL
Pyrene	360	BQL
1,2,4-Trichlorobenzene	360	BQL
2,4,5-Trichlorophenol	360	BQL
2,4,6-Trichlorophenol	360	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.8	108
2-Fluorophenol	10	7.6	76
Nitrobenzene-d5	10	11.7	117
Phenol-d6	10	7.9	79
2,4,6-Tribromophenol	10	7.2	72
4-Terphenyl-d14	10	12.5	125

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: [illegible]

PARADIGM ANALYTICAL LABORATORIES, INC.

by GCMS 8260B

Client Sample ID: GP-13-20
Client Project ID: Progress Energy
Lab Sample ID: 39715
Lab Project ID: G122-1704
Matrix: Soil %Solids: 75.3

Date Analyzed: 3/22/02
Analyzed By: EKR
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	66	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.6	BQL
Bromobenzene	6.6	BQL
Bromochloromethane	6.6	BQL
Bromodichloromethane	6.6	BQL
Bromoform	6.6	BQL
Bromomethane	6.6	BQL
2-Butanone	33	BQL
n-Butylbenzene	6.6	BQL
sec-Butylbenzene	6.6	BQL
tert-Butylbenzene	6.6	BQL
Carbon disulfide	6.6	BQL
Carbon tetrachloride	6.6	BQL
Chlorobenzene	6.6	BQL
Chloroethane	6.6	BQL
2-Chloroethyl vinyl ether	6.6	BQL
Chloroform	6.6	BQL
Chloromethane	6.6	BQL
2-Chlorotoluene	6.6	BQL
4-Chlorotoluene	6.6	BQL
Dibromochloromethane	6.6	BQL
1,2-Dibromo-3-chloropropane	6.6	BQL
Dibromomethane	6.6	BQL
1,2-Dibromoethane (EDB)	6.6	BQL
1,2-Dichlorobenzene	6.6	BQL
1,3-Dichlorobenzene	6.6	BQL
1,4-Dichlorobenzene	6.6	BQL
trans-1,4-Dichloro-2-butene	6.6	BQL
1,1-Dichloroethane	6.6	BQL
1,1-Dichloroethene	6.6	BQL
1,2-Dichloroethane	6.6	BQL
cis-1,2-Dichloroethene	6.6	BQL
trans-1,2-dichloroethene	6.6	BQL
1,2-Dichloropropane	6.6	BQL
1,3-Dichloropropane	6.6	BQL
2,2-Dichloropropane	6.6	BQL
1,1-Dichloropropene	6.6	BQL
cis-1,3-Dichloropropene	6.6	BQL
trans-1,3-Dichloropropene	6.6	BQL
Dichlorodifluoromethane	6.6	BQL
Diisopropyl ether (DIPE)	6.6	BQL
Ethylbenzene	6.6	BQL
Hexachlorobutadiene	6.6	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results of Volatiles
by GCMS 8260B

Client Sample ID:	GP-13-20	Date Analyzed:	3/22/02
Client Project ID:	Progress Energy	Analyzed By:	EKR
Lab Sample ID:	39715	Date Collected:	3/14/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %Solids: 75.3	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.6	BQL
Iodomethane	6.6	BQL
Isopropylbenzene	6.6	BQL
4-Isopropyltoluene	6.6	BQL
Methylene chloride	27	BQL
4-Methyl-2-pentanone	6.6	BQL
Methyl-tert-butyl ether (MTBE)	6.6	BQL
Naphthalene	6.6	BQL
n-Propyl benzene	6.6	BQL
Styrene	6.6	BQL
1,1,1,2-Tetrachloroethane	6.6	BQL
1,1,2,2-Tetrachloroethane	6.6	BQL
Tetrachloroethene	6.6	BQL
Toluene	6.6	BQL
1,2,3-Trichlorobenzene	6.6	BQL
1,2,4-Trichlorobenzene	6.6	BQL
Trichloroethene	6.6	BQL
1,1,1-Trichloroethane	6.6	BQL
1,1,2-Trichloroethane	6.6	BQL
Trichlorofluoromethane	6.6	BQL
1,2,3-Trichloropropane	6.6	BQL
1,2,4-Trimethylbenzene	6.6	BQL
1,3,5-Trimethylbenzene	6.6	BQL
Vinyl chloride	6.6	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.6	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	46.7	93
1,2-Dichloroethane-d4	50	51.7	103
Toluene-d8	50	49.0	98

Comments:

All results are corrected for dilution.

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-13-20
Client Project ID: Progress Energy
Lab Sample ID: 39715
Lab Project ID: G122-1704
Matrix: Soil %Solids: 75.3

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	420	BQL
Acenaphthylene	420	BQL
Anthracene	420	BQL
Benzo[a]anthracene	420	BQL
Benzo[a]pyrene	420	BQL
Benzo[b]fluoranthene	420	BQL
Benzo[g,h,i]perylene	420	BQL
Benzo[k]fluoranthene	420	BQL
Benzoic Acid	850	BQL
Bis(2-chloroethoxy)methane	420	BQL
Bis(2-chloroethyl)ether	420	BQL
Bis(2-chloroisopropyl)ether	420	BQL
Bis(2-ethylhexyl)phthalate	420	BQL
4-bromophenyl phenyl ether	420	BQL
Butylbenzylphthalate	420	BQL
4-Chloroaniline	420	BQL
4-Chloro-3-methylphenol	420	BQL
2-Chloronaphthalene	420	BQL
2-Chlorophenol	420	BQL
4-Chlorophenyl phenyl ether	420	BQL
Chrysene	420	BQL
Di-n-Butylphthalate	420	BQL
Di-n-octylphthalate	420	BQL
Dibenzo[a,h]anthracene	420	BQL
Dibenzofuran	420	BQL
1,2-Dichlorobenzene	420	BQL
1,3-Dichlorobenzene	420	BQL
1,4-Dichlorobenzene	420	BQL
3,3'-Dichlorobenzidine	850	BQL
2,4-Dichlorophenol	420	BQL
Diethylphthalate	420	BQL
2,4-Dimethylphenol	420	BQL
Dimethylphthalate	420	BQL
4,6-Dinitro-2-methylphenol	2100	BQL
2,4-Dinitrophenol	2100	BQL
2,4-Dinitrotoluene	420	BQL
2,6-Dinitrotoluene	420	BQL
Fluoranthene	420	BQL
Fluorene	420	BQL
Hexachlorobenzene	420	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-13-20
Client Project ID: Progress Energy
Lab Sample ID: 39715
Lab Project ID: G122-1704
Matrix: Soil %Solids: 75.3

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	420	BQL
Hexachlorocyclopentadiene	850	BQL
Hexachloroethane	420	BQL
Indeno(1,2,3-c,d)pyrene	420	BQL
Isophorone	420	BQL
2-Methylnaphthalene	420	BQL
2-Methylphenol	420	BQL
3- & 4-Methylphenol	420	BQL
N-Nitrosodi-n-propylamine	420	BQL
N-Nitrosodiphenylamine	420	BQL
Naphthalene	420	BQL
2-Nitroaniline	420	BQL
3-Nitroaniline	420	BQL
4-Nitroaniline	420	BQL
Nitrobenzene	420	BQL
2-Nitrophenol	420	BQL
4-Nitrophenol	2100	BQL
Pentachlorophenol	2100	BQL
Phenanthrene	420	BQL
Phenol	420	BQL
Pyrene	420	BQL
1,2,4-Trichlorobenzene	420	BQL
2,4,5-Trichlorophenol	420	BQL
2,4,6-Trichlorophenol	420	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	12.1	121
2-Fluorophenol	10	11.1	111
Nitrobenzene-d5	10	11.5	115
Phenol-d6	10	10.4	104
2,4,6-Tribromophenol	10	10.1	101
4-Terphenyl-d14	10	11.7	117

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: [illegible]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-14-20
Client Project ID: Progress Energy
Lab Sample ID: 39718
Lab Project ID: G122-1704
Matrix: Soil %Solids: 89.7

Date Analyzed: 3/22/02
Analyzed By: RNP
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	56	BQL
Acrolein	110	BQL
Acrylonitrile	110	BQL
Benzene	5.6	BQL
Bromobenzene	5.6	BQL
Bromochloromethane	5.6	BQL
Bromodichloromethane	5.6	BQL
Bromoform	5.6	BQL
Bromomethane	5.6	BQL
2-Butanone	28	BQL
n-Butylbenzene	5.6	BQL
sec-Butylbenzene	5.6	BQL
tert-Butylbenzene	5.6	BQL
Carbon disulfide	5.6	BQL
Carbon tetrachloride	5.6	BQL
Chlorobenzene	5.6	BQL
Chloroethane	5.6	BQL
2-Chloroethyl vinyl ether	5.6	BQL
Chloroform	5.6	BQL
Chloromethane	5.6	BQL
2-Chlorotoluene	5.6	BQL
4-Chlorotoluene	5.6	BQL
Dibromochloromethane	5.6	BQL
1,2-Dibromo-3-chloropropane	5.6	BQL
Dibromomethane	5.6	BQL
1,2-Dibromoethane (EDB)	5.6	BQL
1,2-Dichlorobenzene	5.6	BQL
1,3-Dichlorobenzene	5.6	BQL
1,4-Dichlorobenzene	5.6	BQL
trans-1,4-Dichloro-2-butene	5.6	BQL
1,1-Dichloroethane	5.6	BQL
1,1-Dichloroethene	5.6	BQL
1,2-Dichloroethane	5.6	BQL
cis-1,2-Dichloroethene	5.6	BQL
trans-1,2-dichloroethene	5.6	BQL
1,2-Dichloropropane	5.6	BQL
1,3-Dichloropropane	5.6	BQL
2,2-Dichloropropane	5.6	BQL
1,1-Dichloropropene	5.6	BQL
cis-1,3-Dichloropropene	5.6	BQL
trans-1,3-Dichloropropene	5.6	BQL
Dichlorodifluoromethane	5.6	BQL
Diisopropyl ether (DIPE)	5.6	BQL
Ethylbenzene	5.6	BQL
Hexachlorobutadiene	5.6	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-14-20
Client Project ID: Progress Energy
Lab Sample ID: 39718
Lab Project ID: G122-1704
Matrix: Soil %Solids: 89.7

Date Analyzed: 3/22/02
Analyzed By: RNP
Date Collected: 3/14/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.6	BQL
Iodomethane	5.6	BQL
Isopropylbenzene	5.6	BQL
4-Isopropyltoluene	5.6	BQL
Methylene chloride	22	BQL
4-Methyl-2-pentanone	5.6	BQL
Methyl-tert-butyl ether (MTBE)	5.6	BQL
Naphthalene	5.6	BQL
n-Propyl benzene	5.6	BQL
Styrene	5.6	BQL
1,1,1,2-Tetrachloroethane	5.6	BQL
1,1,2,2-Tetrachloroethane	5.6	BQL
Tetrachloroethene	5.6	BQL
Toluene	5.6	BQL
1,2,3-Trichlorobenzene	5.6	BQL
1,2,4-Trichlorobenzene	5.6	BQL
Trichloroethene	5.6	BQL
1,1,1-Trichloroethane	5.6	BQL
1,1,2-Trichloroethane	5.6	BQL
Trichlorofluoromethane	5.6	BQL
1,2,3-Trichloropropane	5.6	BQL
1,2,4-Trimethylbenzene	5.6	BQL
1,3,5-Trimethylbenzene	5.6	BQL
Vinyl chloride	5.6	BQL
m-,p-Xylene	11	BQL
o-Xylene	5.6	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	47.5	95
1,2-Dichloroethane-d4	50	55.8	112
Toluene-d8	50	49.5	99

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-14-20
Client Project ID: Progress Energy
Lab Sample ID: 39718
Lab Project ID: G122-1704
Matrix: Soil %Solids: 89.7

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	330	BQL
Acenaphthylene	330	BQL
Anthracene	330	BQL
Benzo[a]anthracene	330	BQL
Benzo[a]pyrene	330	BQL
Benzo[b]fluoranthene	330	BQL
Benzo[g,h,i]perylene	330	BQL
Benzo[k]fluoranthene	330	BQL
Benzoic Acid	670	BQL
Bis(2-chloroethoxy)methane	330	BQL
Bis(2-chloroethyl)ether	330	BQL
Bis(2-chloroisopropyl)ether	330	BQL
Bis(2-ethylhexyl)phthalate	330	BQL
4-bromophenyl phenyl ether	330	BQL
Butylbenzylphthalate	330	BQL
4-Chloroaniline	330	BQL
4-Chloro-3-methylphenol	330	BQL
2-Chloronaphthalene	330	BQL
2-Chlorophenol	330	BQL
4-Chlorophenyl phenyl ether	330	BQL
Chrysene	330	BQL
Di-n-Butylphthalate	330	BQL
Di-n-octylphthalate	330	BQL
Dibenzo[a,h]anthracene	330	BQL
Dibenzofuran	330	BQL
1,2-Dichlorobenzene	330	BQL
1,3-Dichlorobenzene	330	BQL
1,4-Dichlorobenzene	330	BQL
3,3'-Dichlorobenzidine	670	BQL
2,4-Dichlorophenol	330	BQL
Diethylphthalate	330	BQL
2,4-Dimethylphenol	330	BQL
Dimethylphthalate	330	BQL
4,6-Dinitro-2-methylphenol	1700	BQL
2,4-Dinitrophenol	1700	BQL
2,4-Dinitrotoluene	330	BQL
2,6-Dinitrotoluene	330	BQL
Fluoranthene	330	BQL
Fluorene	330	BQL
Hexachlorobenzene	330	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-14-20
Client Project ID: Progress Energy
Lab Sample ID: 39718
Lab Project ID: G122-1704
Matrix: Soil %Solids: 89.7

Date Collected: 3/14/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	330	BQL
Hexachlorocyclopentadiene	670	BQL
Hexachloroethane	330	BQL
Indeno(1,2,3-c,d)pyrene	330	BQL
Isophorone	330	BQL
2-Methylnaphthalene	330	BQL
2-Methylphenol	330	BQL
3- & 4-Methylphenol	330	BQL
N-Nitrosodi-n-propylamine	330	BQL
N-Nitrosodiphenylamine	330	BQL
Naphthalene	330	BQL
2-Nitroaniline	330	BQL
3-Nitroaniline	330	BQL
4-Nitroaniline	330	BQL
Nitrobenzene	330	BQL
2-Nitrophenol	330	BQL
4-Nitrophenol	1700	BQL
Pentachlorophenol	1700	BQL
Phenanthrene	330	BQL
Phenol	330	BQL
Pyrene	330	BQL
1,2,4-Trichlorobenzene	330	BQL
2,4,5-Trichlorophenol	330	BQL
2,4,6-Trichlorophenol	330	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.1	111
2-Fluorophenol	10	10.5	105
Nitrobenzene-d5	10	10.3	103
Phenol-d6	10	10.1	101
2,4,6-Tribromophenol	10	9.2	92
4-Terphenyl-d14	10	11.3	113

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Herbicides
by EPA 8151

Client Sample ID:	GP-15-20			Date Analyzed:	3/20/02
Client Project ID:	Progress Energy			Analyzed By:	CLP
Lab Sample ID:	39714			Date Collected:	3/14/02
Lab Project ID:	G122-1704			Date Received:	3/16/02
Matrix:	Soil	%SOLIDS	81.6	Dilution:	1.0

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
MCPP	3800	BQL
Dicamba	19	BQL
MCPA	3800	BQL
Dichloroprop	19	BQL
2,4-D	19	BQL
2,4,5-TP(Silvex)	19	BQL
2,4,5-T	19	BQL
Dinoseb	19	BQL
Dalapon	19	BQL
2,4-DB	19	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
DCAA	4.0	3.8	95

Comments:
BQL = Below Quantitation Limit

Reviewed By: [illegible]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Pesticides
by EPA 8081

Client Sample ID:	GP-15-20	Date Analyzed:	3/22/02
Client Project ID:	Progress Energy	Analyzed By:	CLP
Lab Sample ID:	39714	Date Collected:	3/14/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %SOLIDS: 81.6	Dilution:	1.0

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
alpha-BHC	7.6	BQL
beta-BHC	7.6	BQL
delta-BHC	7.6	BQL
gamma-BHC (Lindane)	7.6	BQL
Heptachlor	7.6	BQL
Aldrin	7.6	BQL
Heptachlor epoxide	7.6	BQL
Endosulfan I	7.6	BQL
Dieldrin	7.6	BQL
4,4'-DDE	7.6	BQL
Endrin	7.6	BQL
DDD	7.6	BQL
Endosulfan II	7.6	BQL
4,4'-DDT	7.6	BQL
Methoxychlor	7.6	BQL
Toxaphene	38	BQL
Chlordane	38	BQL
Endrin aldehyde	7.6	BQL
Endosulfan sulfate	7.6	BQL
Endrin ketone	7.6	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	75	75

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Herbicides
by EPA 8151

Client Sample ID:	GP-16-20			Date Analyzed:	3/20/02
Client Project ID:	Progress Energy			Analyzed By:	CLP
Lab Sample ID:	39713			Date Collected:	3/14/02
Lab Project ID:	G122-1704			Date Received:	3/16/02
Matrix:	Soil	%SOLIDS	74.1	Dilution:	1.0

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
MCPP	4200	BQL
Dicamba	21	BQL
MCPA	4200	BQL
Dichloroprop	21	BQL
2,4-D	21	BQL
2,4,5-TP(Silvex)	21	BQL
2,4,5-T	21	BQL
Dinoseb	21	BQL
Dalapon	21	BQL
2,4-DB	21	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
DCAA	4.0	3.6	90

Comments:
BQL = Below Quantitation Limit

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Pesticides
by EPA 8081

Client Sample ID:	GP-16-20	Date Analyzed:	3/22/02
Client Project ID:	Progress Energy	Analyzed By:	CLP
Lab Sample ID:	39713	Date Collected:	3/14/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %SOLIDS: 74.1	Dilution:	1.0

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
alpha-BHC	8.4	BQL
beta-BHC	8.4	BQL
delta-BHC	8.4	BQL
gamma-BHC (Lindane)	8.4	BQL
Heptachlor	8.4	BQL
Aldrin	8.4	BQL
Heptachlor epoxide	8.4	BQL
Endosulfan I	8.4	BQL
Dieldrin	8.4	BQL
4,4'-DDE	8.4	BQL
Endrin	8.4	BQL
DDD	8.4	BQL
Endosulfan II	8.4	BQL
4,4'-DDT	8.4	BQL
Methoxychlor	8.4	BQL
Toxaphene	42	BQL
Chlordane	42	BQL
Endrin aldehyde	8.4	BQL
Endosulfan sulfate	8.4	BQL
Endrin ketone	8.4	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	68	68

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-17-25
Client Project ID: Progress Energy
Lab Sample ID: 39703
Lab Project ID: G122-1704
Matrix: Soil %Solids: 77.4

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/12/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	65	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.5	BQL
Bromobenzene	6.5	BQL
Bromochloromethane	6.5	BQL
Bromodichloromethane	6.5	BQL
Bromoform	6.5	BQL
Bromomethane	6.5	BQL
2-Butanone	32	BQL
n-Butylbenzene	6.5	BQL
sec-Butylbenzene	6.5	BQL
tert-Butylbenzene	6.5	BQL
Carbon disulfide	6.5	BQL
Carbon tetrachloride	6.5	BQL
Chlorobenzene	6.5	BQL
Chloroethane	6.5	BQL
2-Chloroethyl vinyl ether	6.5	BQL
Chloroform	6.5	BQL
Chloromethane	6.5	BQL
2-Chlorotoluene	6.5	BQL
4-Chlorotoluene	6.5	BQL
Dibromochloromethane	6.5	BQL
1,2-Dibromo-3-chloropropane	6.5	BQL
Dibromomethane	6.5	BQL
1,2-Dibromoethane (EDB)	6.5	BQL
1,2-Dichlorobenzene	6.5	BQL
1,3-Dichlorobenzene	6.5	BQL
1,4-Dichlorobenzene	6.5	BQL
trans-1,4-Dichloro-2-butene	6.5	BQL
1,1-Dichloroethane	6.5	BQL
1,1-Dichloroethene	6.5	BQL
1,2-Dichloroethane	6.5	BQL
cis-1,2-Dichloroethene	6.5	BQL
trans-1,2-dichloroethene	6.5	BQL
1,2-Dichloropropane	6.5	BQL
1,3-Dichloropropane	6.5	BQL
2,2-Dichloropropane	6.5	BQL
1,1-Dichloropropene	6.5	BQL
cis-1,3-Dichloropropene	6.5	BQL
trans-1,3-Dichloropropene	6.5	BQL
Dichlorodifluoromethane	6.5	BQL
Diisopropyl ether (DIPE)	6.5	BQL
Ethylbenzene	6.5	BQL
Hexachlorobutadiene	6.5	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID:	GP-17-25	Date Analyzed:	3/21/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39703	Date Collected:	3/12/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %Solids: 77.4	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.5	BQL
Iodomethane	6.5	BQL
Isopropylbenzene	6.5	BQL
4-Isopropyltoluene	6.5	BQL
Methylene chloride	26	BQL
4-Methyl-2-pentanone	6.5	BQL
Methyl-tert-butyl ether (MTBE)	6.5	BQL
Naphthalene	6.5	BQL
n-Propyl benzene	6.5	BQL
Styrene	6.5	BQL
1,1,1,2-Tetrachloroethane	6.5	BQL
1,1,2,2-Tetrachloroethane	6.5	BQL
Tetrachloroethene	6.5	BQL
Toluene	6.5	BQL
1,2,3-Trichlorobenzene	6.5	BQL
1,2,4-Trichlorobenzene	6.5	BQL
Trichloroethene	6.5	BQL
1,1,1-Trichloroethane	6.5	BQL
1,1,2-Trichloroethane	6.5	BQL
Trichlorofluoromethane	6.5	BQL
1,2,3-Trichloropropane	6.5	BQL
1,2,4-Trimethylbenzene	6.5	BQL
1,3,5-Trimethylbenzene	6.5	BQL
Vinyl chloride	6.5	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.5	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.5	97
1,2-Dichloroethane-d4	50	55.3	111
Toluene-d8	50	50.7	101

Comments:

All results are corrected for dilution.

Reviewed by: _____

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-17-25
Client Project ID: Progress Energy
Lab Sample ID: 39703
Lab Project ID: G122-1704
Matrix: Soil %Solids: 77.4

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	400	BQL
Acenaphthylene	400	BQL
Anthracene	400	BQL
Benzo[a]anthracene	400	BQL
Benzo[a]pyrene	400	BQL
Benzo[b]fluoranthene	400	BQL
Benzo[g,h,i]perylene	400	BQL
Benzo[k]fluoranthene	400	BQL
Benzoic Acid	800	BQL
Bis(2-chloroethoxy)methane	400	BQL
Bis(2-chloroethyl)ether	400	BQL
Bis(2-chloroisopropyl)ether	400	BQL
Bis(2-ethylhexyl)phthalate	400	BQL
4-bromophenyl phenyl ether	400	BQL
Butylbenzylphthalate	400	BQL
4-Chloroaniline	400	BQL
4-Chloro-3-methylphenol	400	BQL
2-Chloronaphthalene	400	BQL
2-Chlorophenol	400	BQL
4-Chlorophenyl phenyl ether	400	BQL
Chrysene	400	BQL
Di-n-Butylphthalate	400	BQL
Di-n-octylphthalate	400	BQL
Dibenzo[a,h]anthracene	400	BQL
Dibenzofuran	400	BQL
1,2-Dichlorobenzene	400	BQL
1,3-Dichlorobenzene	400	BQL
1,4-Dichlorobenzene	400	BQL
3,3'-Dichlorobenzidine	800	BQL
2,4-Dichlorophenol	400	BQL
Diethylphthalate	400	BQL
2,4-Dimethylphenol	400	BQL
Dimethylphthalate	400	BQL
4,6-Dinitro-2-methylphenol	2000	BQL
2,4-Dinitrophenol	2000	BQL
2,4-Dinitrotoluene	400	BQL
2,6-Dinitrotoluene	400	BQL
Fluoranthene	400	BQL
Fluorene	400	BQL
Hexachlorobenzene	400	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-17-25
Client Project ID: Progress Energy
Lab Sample ID: 39703
Lab Project ID: G122-1704
Matrix: Soil %Solids: 77.4

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	400	BQL
Hexachlorocyclopentadiene	800	BQL
Hexachloroethane	400	BQL
Indeno(1,2,3-c,d)pyrene	400	BQL
Isophorone	400	BQL
2-Methylnaphthalene	400	BQL
2-Methylphenol	400	BQL
3- & 4-Methylphenol	400	BQL
N-Nitrosodi-n-propylamine	400	BQL
N-Nitrosodiphenylamine	400	BQL
Naphthalene	400	BQL
2-Nitroaniline	400	BQL
3-Nitroaniline	400	BQL
4-Nitroaniline	400	BQL
Nitrobenzene	400	BQL
2-Nitrophenol	400	BQL
4-Nitrophenol	2000	BQL
Pentachlorophenol	2000	BQL
Phenanthrene	400	BQL
Phenol	400	BQL
Pyrene	400	BQL
1,2,4-Trichlorobenzene	400	BQL
2,4,5-Trichlorophenol	400	BQL
2,4,6-Trichlorophenol	400	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.2	112
2-Fluorophenol	10	10.2	102
Nitrobenzene-d5	10	10.1	101
Phenol-d6	10	10.5	105
2,4,6-Tribromophenol	10	9.0	90
4-Terphenyl-d14	10	12.3	123

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: LN

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-18-25
Client Project ID: Progress Energy
Lab Sample ID: 39180
Lab Project ID: G122-1698
Matrix: Soil %Solids: 81.2

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/8/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	62	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	6.2	BQL
Bromobenzene	6.2	BQL
Bromochloromethane	6.2	BQL
Bromodichloromethane	6.2	BQL
Bromoform	6.2	BQL
Bromomethane	6.2	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.2	BQL
sec-Butylbenzene	6.2	BQL
tert-Butylbenzene	6.2	BQL
Carbon disulfide	6.2	BQL
Carbon tetrachloride	6.2	BQL
Chlorobenzene	6.2	BQL
Chloroethane	6.2	BQL
2-Chloroethyl vinyl ether	6.2	BQL
Chloroform	6.2	BQL
Chloromethane	6.2	BQL
2-Chlorotoluene	6.2	BQL
4-Chlorotoluene	6.2	BQL
Dibromochloromethane	6.2	BQL
1,2-Dibromo-3-chloropropane	6.2	BQL
Dibromomethane	6.2	BQL
1,2-Dibromoethane (EDB)	6.2	BQL
1,2-Dichlorobenzene	6.2	BQL
1,3-Dichlorobenzene	6.2	BQL
1,4-Dichlorobenzene	6.2	BQL
trans-1,4-Dichloro-2-butene	6.2	BQL
1,1-Dichloroethane	6.2	BQL
1,1-Dichloroethene	6.2	BQL
1,2-Dichloroethane	6.2	BQL
cis-1,2-Dichloroethene	6.2	BQL
trans-1,2-dichloroethene	6.2	BQL
1,2-Dichloropropane	6.2	BQL
1,3-Dichloropropane	6.2	BQL
2,2-Dichloropropane	6.2	BQL
1,1-Dichloropropene	6.2	BQL
cis-1,3-Dichloropropene	6.2	BQL
trans-1,3-Dichloropropene	6.2	BQL
Dichlorodifluoromethane	6.2	BQL
Diisopropyl ether (DIPE)	6.2	BQL
Ethylbenzene	6.2	BQL
Hexachlorobutadiene	6.2	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-18-25	Date Analyzed:	3/16/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39180	Date Collected:	3/8/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 81.2	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.2	BQL
Iodomethane	6.2	BQL
Isopropylbenzene	6.2	BQL
4-Isopropyltoluene	6.2	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.2	BQL
Methyl-tert-butyl ether (MTBE)	6.2	BQL
Naphthalene	6.2	BQL
n-Propyl benzene	6.2	BQL
Styrene	6.2	BQL
1,1,1,2-Tetrachloroethane	6.2	BQL
1,1,2,2-Tetrachloroethane	6.2	BQL
Tetrachloroethene	6.2	BQL
Toluene	6.2	BQL
1,2,3-Trichlorobenzene	6.2	BQL
1,2,4-Trichlorobenzene	6.2	BQL
Trichloroethene	6.2	BQL
1,1,1-Trichloroethane	6.2	BQL
1,1,2-Trichloroethane	6.2	BQL
Trichlorofluoromethane	6.2	BQL
1,2,3-Trichloropropane	6.2	BQL
1,2,4-Trimethylbenzene	6.2	BQL
1,3,5-Trimethylbenzene	6.2	BQL
Vinyl chloride	6.2	BQL
m-,p-Xylene	12	BQL
o-Xylene	6.2	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.3	97
1,2-Dichloroethane-d4	50	58.2	116
Toluene-d8	50	50.7	101

Comments:

All results are corrected for dilution.

Reviewed by: _____

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-18-25
Client Project ID: Progress Energy
Lab Sample ID: 39180
Lab Project ID: G122-1698
Matrix: Soil %Solids: 81.2

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/12/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	390	BQL
Acenaphthylene	390	BQL
Anthracene	390	BQL
Benzo[a]anthracene	390	BQL
Benzo[a]pyrene	390	BQL
Benzo[b]fluoranthene	390	BQL
Benzo[g,h,i]perylene	390	BQL
Benzo[k]fluoranthene	390	BQL
Benzoic Acid	770	BQL
Bis(2-chloroethoxy)methane	390	BQL
Bis(2-chloroethyl)ether	390	BQL
Bis(2-chloroisopropyl)ether	390	BQL
Bis(2-ethylhexyl)phthalate	390	BQL
4-bromophenyl phenyl ether	390	BQL
Butylbenzylphthalate	390	BQL
4-Chloroaniline	390	BQL
4-Chloro-3-methylphenol	390	BQL
2-Chloronaphthalene	390	BQL
2-Chlorophenol	390	BQL
4-Chlorophenyl phenyl ether	390	BQL
Chrysene	390	BQL
Di-n-Butylphthalate	390	BQL
Di-n-octylphthalate	390	BQL
Dibenzo[a,h]anthracene	390	BQL
Dibenzofuran	390	BQL
1,2-Dichlorobenzene	390	BQL
1,3-Dichlorobenzene	390	BQL
1,4-Dichlorobenzene	390	BQL
3,3'-Dichlorobenzidine	770	BQL
2,4-Dichlorophenol	390	BQL
Diethylphthalate	390	BQL
2,4-Dimethylphenol	390	BQL
Dimethylphthalate	390	BQL
4,6-Dinitro-2-methylphenol	1900	BQL
2,4-Dinitrophenol	1900	BQL
2,4-Dinitrotoluene	390	BQL
2,6-Dinitrotoluene	390	BQL
Fluoranthene	390	BQL
Fluorene	390	BQL
Hexachlorobenzene	390	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-18-25
Client Project ID: Progress Energy
Lab Sample ID: 39180
Lab Project ID: G122-1698
Matrix: Soil %Solids: 81.2

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/12/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	390	BQL
Hexachlorocyclopentadiene	770	BQL
Hexachloroethane	390	BQL
Indeno(1,2,3-c,d)pyrene	390	BQL
Isophorone	390	BQL
2-Methylnaphthalene	390	BQL
2-Methylphenol	390	BQL
3- & 4-Methylphenol	390	BQL
N-Nitrosodi-n-propylamine	390	BQL
N-Nitrosodiphenylamine	390	BQL
Naphthalene	390	BQL
2-Nitroaniline	390	BQL
3-Nitroaniline	390	BQL
4-Nitroaniline	390	BQL
Nitrobenzene	390	BQL
2-Nitrophenol	390	BQL
4-Nitrophenol	1900	BQL
Pentachlorophenol	1900	BQL
Phenanthrene	390	BQL
Phenol	390	BQL
Pyrene	390	BQL
1,2,4-Trichlorobenzene	390	BQL
2,4,5-Trichlorophenol	390	BQL
2,4,6-Trichlorophenol	390	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.5	115
2-Fluorophenol	10	7.5	75
Nitrobenzene-d5	10	9.8	98
Phenol-d6	10	8.1	81
2,4,6-Tribromophenol	10	8.1	81
4-Terphenyl-d14	10	11.7	117

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-18-25	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/8/02
Lab Sample ID:	39180	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	81.22

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.14	1	MG/KG	6010B	3/18/02
Barium	**225**	11.4	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.14	1	MG/KG	6010B	3/18/02
Chromium	**6.94**	1.14	1	MG/KG	6010B	3/18/02
Lead	**11.1**	1.14	1	MG/KG	6010B	3/18/02
Mercury	BQL	0.0226	1	MG/KG	7471	3/18/02
Selenium	BQL	1.14	1	MG/KG	6010B	3/18/02
Silver	BQL	1.14	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-19-15
Client Project ID: Progress Energy
Lab Sample ID: 39178
Lab Project ID: G122-1698
Matrix: Soil %Solids: 82.8

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/8/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	60	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	6	BQL
Bromobenzene	6	BQL
Bromochloromethane	6	BQL
Bromodichloromethane	6	BQL
Bromoform	6	BQL
Bromomethane	6	BQL
2-Butanone	30	BQL
n-Butylbenzene	6	BQL
sec-Butylbenzene	6	BQL
tert-Butylbenzene	6	BQL
Carbon disulfide	6	BQL
Carbon tetrachloride	6	BQL
Chlorobenzene	6	BQL
Chloroethane	6	BQL
2-Chloroethyl vinyl ether	6	BQL
Chloroform	6	BQL
Chloromethane	6	BQL
2-Chlorotoluene	6	BQL
4-Chlorotoluene	6	BQL
Dibromochloromethane	6	BQL
1,2-Dibromo-3-chloropropane	6	BQL
Dibromomethane	6	BQL
1,2-Dibromoethane (EDB)	6	BQL
1,2-Dichlorobenzene	6	BQL
1,3-Dichlorobenzene	6	BQL
1,4-Dichlorobenzene	6	BQL
trans-1,4-Dichloro-2-butene	6	BQL
1,1-Dichloroethane	6	BQL
1,1-Dichloroethene	6	BQL
1,2-Dichloroethane	6	BQL
cis-1,2-Dichloroethene	6	BQL
trans-1,2-dichloroethene	6	BQL
1,2-Dichloropropane	6	BQL
1,3-Dichloropropane	6	BQL
2,2-Dichloropropane	6	BQL
1,1-Dichloropropene	6	BQL
cis-1,3-Dichloropropene	6	BQL
trans-1,3-Dichloropropene	6	BQL
Dichlorodifluoromethane	6	BQL
Diisopropyl ether (DIPE)	6	BQL
Ethylbenzene	6	BQL
Hexachlorobutadiene	6	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

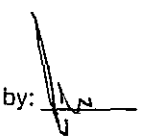
Client Sample ID:	GP-19-15	Date Analyzed:	3/16/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39178	Date Collected:	3/8/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 82.8	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6	BQL
Iodomethane	6	BQL
Isopropylbenzene	6	BQL
4-Isopropyltoluene	6	BQL
Methylene chloride	24	BQL
4-Methyl-2-pentanone	6	BQL
Methyl-tert-butyl ether (MTBE)	6	BQL
Naphthalene	6	BQL
n-Propyl benzene	6	BQL
Styrene	6	BQL
1,1,1,2-Tetrachloroethane	6	BQL
1,1,2,2-Tetrachloroethane	6	BQL
Tetrachloroethene	6	BQL
Toluene	6	BQL
1,2,3-Trichlorobenzene	6	BQL
1,2,4-Trichlorobenzene	6	BQL
Trichloroethene	6	BQL
1,1,1-Trichloroethane	6	BQL
1,1,2-Trichloroethane	6	BQL
Trichlorofluoromethane	6	BQL
1,2,3-Trichloropropane	6	BQL
1,2,4-Trimethylbenzene	6	BQL
1,3,5-Trimethylbenzene	6	BQL
Vinyl chloride	6	BQL
m-,p-Xylene	12	BQL
o-Xylene	6	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	50.7	101
1,2-Dichloroethane-d4	50	40.0	80
Toluene-d8	50	49.3	99

Comments:

All results are corrected for dilution.

Reviewed by: 

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-19-15
Client Project ID: Progress Energy
Lab Sample ID: 39178
Lab Project ID: G122-1698
Matrix: Soil %Solids: 82.8

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	370	BQL
Acenaphthylene	370	BQL
Anthracene	370	BQL
Benzo[a]anthracene	370	BQL
Benzo[a]pyrene	370	BQL
Benzo[b]fluoranthene	370	BQL
Benzo[g,h,i]perylene	370	BQL
Benzo[k]fluoranthene	370	BQL
Benzoic Acid	730	BQL
Bis(2-chloroethoxy)methane	370	BQL
Bis(2-chloroethyl)ether	370	BQL
Bis(2-chloroisopropyl)ether	370	BQL
Bis(2-ethylhexyl)phthalate	370	BQL
4-bromophenyl phenyl ether	370	BQL
Butylbenzylphthalate	370	BQL
4-Chloroaniline	370	BQL
4-Chloro-3-methylphenol	370	BQL
2-Chloronaphthalene	370	BQL
2-Chlorophenol	370	BQL
4-Chlorophenyl phenyl ether	370	BQL
Chrysene	370	BQL
Di-n-Butylphthalate	370	BQL
Di-n-octylphthalate	370	BQL
Dibenzo[a,h]anthracene	370	BQL
Dibenzofuran	370	BQL
1,2-Dichlorobenzene	370	BQL
1,3-Dichlorobenzene	370	BQL
1,4-Dichlorobenzene	370	BQL
3,3'-Dichlorobenzidine	730	BQL
2,4-Dichlorophenol	370	BQL
Diethylphthalate	370	BQL
2,4-Dimethylphenol	370	BQL
Dimethylphthalate	370	BQL
4,6-Dinitro-2-methylphenol	1800	BQL
2,4-Dinitrophenol	1800	BQL
2,4-Dinitrotoluene	370	BQL
2,6-Dinitrotoluene	370	BQL
Fluoranthene	370	BQL
Fluorene	370	BQL
Hexachlorobenzene	370	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-19-15
Client Project ID: Progress Energy
Lab Sample ID: 39178
Lab Project ID: G122-1698
Matrix: Soil %Solids: 82.8

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	370	BQL
Hexachlorocyclopentadiene	730	BQL
Hexachloroethane	370	BQL
Indeno(1,2,3-c,d)pyrene	370	BQL
Isophorone	370	BQL
2-Methylnaphthalene	370	BQL
2-Methylphenol	370	BQL
3- & 4-Methylphenol	370	BQL
N-Nitrosodi-n-propylamine	370	BQL
N-Nitrosodiphenylamine	370	BQL
Naphthalene	370	BQL
2-Nitroaniline	370	BQL
3-Nitroaniline	370	BQL
4-Nitroaniline	370	BQL
Nitrobenzene	370	BQL
2-Nitrophenol	370	BQL
4-Nitrophenol	1800	BQL
Pentachlorophenol	1800	BQL
Phenanthrene	370	BQL
Phenol	370	BQL
Pyrene	370	BQL
1,2,4-Trichlorobenzene	370	BQL
2,4,5-Trichlorophenol	370	BQL
2,4,6-Trichlorophenol	370	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.6	106
2-Fluorophenol	10	7.2	72
Nitrobenzene-d5	10	8.9	89
Phenol-d6	10	8.9	89
2,4,6-Tribromophenol	10	7.7	77
4-Terphenyl-d14	10	10.8	108

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-19-15	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/8/02
Lab Sample ID:	39178	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	82.81

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.18	1	MG/KG	6010B	3/18/02
Barium	**129**	11.8	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.18	1	MG/KG	6010B	3/18/02
Chromium	**5.91**	1.18	1	MG/KG	6010B	3/18/02
Lead	**9.28**	1.18	1	MG/KG	6010B	3/18/02
Mercury	BQL	0.0220	1	MG/KG	7471	3/18/02
Selenium	BQL	1.18	1	MG/KG	6010B	3/18/02
Silver	BQL	1.18	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-20-25
Client Project ID: Progress Energy
Lab Sample ID: 39164
Lab Project ID: G122-1698
Matrix: Soil %Solids: 84.3

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	59	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	5.9	BQL
Bromobenzene	5.9	BQL
Bromochloromethane	5.9	BQL
Bromodichloromethane	5.9	BQL
Bromoform	5.9	BQL
Bromomethane	5.9	BQL
2-Butanone	30	BQL
n-Butylbenzene	5.9	BQL
sec-Butylbenzene	5.9	BQL
tert-Butylbenzene	5.9	BQL
Carbon disulfide	5.9	BQL
Carbon tetrachloride	5.9	BQL
Chlorobenzene	5.9	BQL
Chloroethane	5.9	BQL
2-Chloroethyl vinyl ether	5.9	BQL
Chloroform	5.9	BQL
Chloromethane	5.9	BQL
2-Chlorotoluene	5.9	BQL
4-Chlorotoluene	5.9	BQL
Dibromochloromethane	5.9	BQL
1,2-Dibromo-3-chloropropane	5.9	BQL
Dibromomethane	5.9	BQL
1,2-Dibromoethane (EDB)	5.9	BQL
1,2-Dichlorobenzene	5.9	BQL
1,3-Dichlorobenzene	5.9	BQL
1,4-Dichlorobenzene	5.9	BQL
trans-1,4-Dichloro-2-butene	5.9	BQL
1,1-Dichloroethane	5.9	BQL
1,1-Dichloroethene	5.9	BQL
1,2-Dichloroethane	5.9	BQL
cis-1,2-Dichloroethene	5.9	BQL
trans-1,2-dichloroethene	5.9	BQL
1,2-Dichloropropane	5.9	BQL
1,3-Dichloropropane	5.9	BQL
2,2-Dichloropropane	5.9	BQL
1,1-Dichloropropene	5.9	BQL
cis-1,3-Dichloropropene	5.9	BQL
trans-1,3-Dichloropropene	5.9	BQL
Dichlorodifluoromethane	5.9	BQL
Diisopropyl ether (DIPE)	5.9	BQL
Ethylbenzene	5.9	BQL
Hexachlorobutadiene	5.9	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-20-25	Date Analyzed:	3/16/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39164	Date Collected:	3/6/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 84.3	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.9	BQL
Iodomethane	5.9	BQL
Isopropylbenzene	5.9	BQL
4-Isopropyltoluene	5.9	BQL
Methylene chloride	24	BQL
4-Methyl-2-pentanone	5.9	BQL
Methyl-tert-butyl ether (MTBE)	5.9	BQL
Naphthalene	5.9	BQL
n-Propyl benzene	5.9	BQL
Styrene	5.9	BQL
1,1,1,2-Tetrachloroethane	5.9	BQL
1,1,2,2-Tetrachloroethane	5.9	BQL
Tetrachloroethene	5.9	BQL
Toluene	5.9	BQL
1,2,3-Trichlorobenzene	5.9	BQL
1,2,4-Trichlorobenzene	5.9	BQL
Trichloroethene	5.9	BQL
1,1,1-Trichloroethane	5.9	BQL
1,1,2-Trichloroethane	5.9	BQL
Trichlorofluoromethane	5.9	BQL
1,2,3-Trichloropropane	5.9	BQL
1,2,4-Trimethylbenzene	5.9	BQL
1,3,5-Trimethylbenzene	5.9	BQL
Vinyl chloride	5.9	BQL
m-,p-Xylene	12	BQL
o-Xylene	5.9	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	50.0	100
1,2-Dichloroethane-d4	50	54.9	110
Toluene-d8	50	49.9	100

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-20-25
Client Project ID: Progress Energy
Lab Sample ID: 39164
Lab Project ID: G122-1698
Matrix: Soil %Solids: 84.3

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	340	BQL
Acenaphthylene	340	BQL
Anthracene	340	BQL
Benzo[a]anthracene	340	BQL
Benzo[a]pyrene	340	BQL
Benzo[b]fluoranthene	340	BQL
Benzo[g,h,i]perylene	340	BQL
Benzo[k]fluoranthene	340	BQL
Benzoic Acid	670	BQL
Bis(2-chloroethoxy)methane	340	BQL
Bis(2-chloroethyl)ether	340	BQL
Bis(2-chloroisopropyl)ether	340	BQL
Bis(2-ethylhexyl)phthalate	340	BQL
4-bromophenyl phenyl ether	340	BQL
Butylbenzylphthalate	340	BQL
4-Chloroaniline	340	BQL
4-Chloro-3-methylphenol	340	BQL
2-Chloronaphthalene	340	BQL
2-Chlorophenol	340	BQL
4-Chlorophenyl phenyl ether	340	BQL
Chrysene	340	BQL
Di-n-Butylphthalate	340	BQL
Di-n-octylphthalate	340	BQL
Dibenzo[a,h]anthracene	340	BQL
Dibenzofuran	340	BQL
1,2-Dichlorobenzene	340	BQL
1,3-Dichlorobenzene	340	BQL
1,4-Dichlorobenzene	340	BQL
3,3'-Dichlorobenzidine	670	BQL
2,4-Dichlorophenol	340	BQL
Diethylphthalate	340	BQL
2,4-Dimethylphenol	340	BQL
Dimethylphthalate	340	BQL
4,6-Dinitro-2-methylphenol	1700	BQL
2,4-Dinitrophenol	1700	BQL
2,4-Dinitrotoluene	340	BQL
2,6-Dinitrotoluene	340	BQL
Fluoranthene	340	BQL
Fluorene	340	BQL
Hexachlorobenzene	340	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-20-25
Client Project ID: Progress Energy
Lab Sample ID: 39164
Lab Project ID: G122-1698
Matrix: Soil %Solids: 84.3

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	340	BQL
Hexachlorocyclopentadiene	670	BQL
Hexachloroethane	340	BQL
Indeno(1,2,3-c,d)pyrene	340	BQL
Isophorone	340	BQL
2-Methylnaphthalene	340	BQL
2-Methylphenol	340	BQL
3- & 4-Methylphenol	340	BQL
N-Nitrosodi-n-propylamine	340	BQL
N-Nitrosodiphenylamine	340	BQL
Naphthalene	340	BQL
2-Nitroaniline	340	BQL
3-Nitroaniline	340	BQL
4-Nitroaniline	340	BQL
Nitrobenzene	340	BQL
2-Nitrophenol	340	BQL
4-Nitrophenol	1700	BQL
Pentachlorophenol	1700	BQL
Phenanthrene	340	BQL
Phenol	340	BQL
Pyrene	340	BQL
1,2,4-Trichlorobenzene	340	BQL
2,4,5-Trichlorophenol	340	BQL
2,4,6-Trichlorophenol	340	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.9	99
2-Fluorophenol	10	4.3	43
Nitrobenzene-d5	10	7.4	74
Phenol-d6	10	5.9	59
2,4,6-Tribromophenol	10	4.1	41
4-Terphenyl-d14	10	10.9	109

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-21-20
Client Project ID: Progress Energy
Lab Sample ID: 39166
Lab Project ID: G122-1698
Matrix: Soil %Solids: 72.0

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	69	BQL
Acrolein	140	BQL
Acrylonitrile	140	BQL
Benzene	6.9	BQL
Bromobenzene	6.9	BQL
Bromochloromethane	6.9	BQL
Bromodichloromethane	6.9	BQL
Bromoform	6.9	BQL
Bromomethane	6.9	BQL
2-Butanone	35	BQL
n-Butylbenzene	6.9	BQL
sec-Butylbenzene	6.9	BQL
tert-Butylbenzene	6.9	BQL
Carbon disulfide	6.9	BQL
Carbon tetrachloride	6.9	BQL
Chlorobenzene	6.9	BQL
Chloroethane	6.9	BQL
2-Chloroethyl vinyl ether	6.9	BQL
Chloroform	6.9	BQL
Chloromethane	6.9	BQL
2-Chlorotoluene	6.9	BQL
4-Chlorotoluene	6.9	BQL
Dibromochloromethane	6.9	BQL
1,2-Dibromo-3-chloropropane	6.9	BQL
Dibromomethane	6.9	BQL
1,2-Dibromoethane (EDB)	6.9	BQL
1,2-Dichlorobenzene	6.9	BQL
1,3-Dichlorobenzene	6.9	BQL
1,4-Dichlorobenzene	6.9	BQL
trans-1,4-Dichloro-2-butene	6.9	BQL
1,1-Dichloroethane	6.9	BQL
1,1-Dichloroethene	6.9	BQL
1,2-Dichloroethane	6.9	BQL
cis-1,2-Dichloroethene	6.9	BQL
trans-1,2-dichloroethene	6.9	BQL
1,2-Dichloropropane	6.9	BQL
1,3-Dichloropropane	6.9	BQL
2,2-Dichloropropane	6.9	BQL
1,1-Dichloropropene	6.9	BQL
cis-1,3-Dichloropropene	6.9	BQL
trans-1,3-Dichloropropene	6.9	BQL
Dichlorodifluoromethane	6.9	BQL
Diisopropyl ether (DIPE)	6.9	BQL
Ethylbenzene	6.9	BQL
Hexachlorobutadiene	6.9	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-21-20
Client Project ID: Progress Energy
Lab Sample ID: 39166
Lab Project ID: G122-1698
Matrix: Soil %Solids: 72.0

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.9	BQL
Iodomethane	6.9	BQL
Isopropylbenzene	6.9	BQL
4-Isopropyltoluene	6.9	BQL
Methylene chloride	28	BQL
4-Methyl-2-pentanone	6.9	BQL
Methyl-tert-butyl ether (MTBE)	6.9	BQL
Naphthalene	6.9	BQL
n-Propyl benzene	6.9	BQL
Styrene	6.9	BQL
1,1,1,2-Tetrachloroethane	6.9	BQL
1,1,2,2-Tetrachloroethane	6.9	BQL
Tetrachloroethene	6.9	BQL
Toluene	6.9	BQL
1,2,3-Trichlorobenzene	6.9	BQL
1,2,4-Trichlorobenzene	6.9	BQL
Trichloroethene	6.9	BQL
1,1,1-Trichloroethane	6.9	BQL
1,1,2-Trichloroethane	6.9	BQL
Trichlorofluoromethane	6.9	BQL
1,2,3-Trichloropropane	6.9	BQL
1,2,4-Trimethylbenzene	6.9	BQL
1,3,5-Trimethylbenzene	6.9	BQL
Vinyl chloride	6.9	BQL
m-,p-Xylene	14	BQL
o-Xylene	6.9	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.5	97
1,2-Dichloroethane-d4	50	56.4	113
Toluene-d8	50	51.4	103

Comments:

All results are corrected for dilution.

Reviewed by: _____

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-21-20
Client Project ID: Progress Energy
Lab Sample ID: 39166
Lab Project ID: G122-1698
Matrix: Soil %Solids: 72.0

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	420	BQL
Acenaphthylene	420	BQL
Anthracene	420	BQL
Benzo[a]anthracene	420	BQL
Benzo[a]pyrene	420	BQL
Benzo[b]fluoranthene	420	BQL
Benzo[g,h,i]perylene	420	BQL
Benzo[k]fluoranthene	420	BQL
Benzoic Acid	830	BQL
Bis(2-chloroethoxy)methane	420	BQL
Bis(2-chloroethyl)ether	420	BQL
Bis(2-chloroisopropyl)ether	420	BQL
Bis(2-ethylhexyl)phthalate	420	BQL
4-bromophenyl phenyl ether	420	BQL
Butylbenzylphthalate	420	BQL
4-Chloroaniline	420	BQL
4-Chloro-3-methylphenol	420	BQL
2-Chloronaphthalene	420	BQL
2-Chlorophenol	420	BQL
4-Chlorophenyl phenyl ether	420	BQL
Chrysene	420	BQL
Di-n-Butylphthalate	420	BQL
Di-n-octylphthalate	420	BQL
Dibenzo[a,h]anthracene	420	BQL
Dibenzofuran	420	BQL
1,2-Dichlorobenzene	420	BQL
1,3-Dichlorobenzene	420	BQL
1,4-Dichlorobenzene	420	BQL
3,3'-Dichlorobenzidine	830	BQL
2,4-Dichlorophenol	420	BQL
Diethylphthalate	420	BQL
2,4-Dimethylphenol	420	BQL
Dimethylphthalate	420	BQL
4,6-Dinitro-2-methylphenol	2100	BQL
2,4-Dinitrophenol	2100	BQL
2,4-Dinitrotoluene	420	BQL
2,6-Dinitrotoluene	420	BQL
Fluoranthene	420	BQL
Fluorene	420	BQL
Hexachlorobenzene	420	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-21-20
Client Project ID: Progress Energy
Lab Sample ID: 39166
Lab Project ID: G122-1698
Matrix: Soil %Solids: 72.0

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	420	BQL
Hexachlorocyclopentadiene	830	BQL
Hexachloroethane	420	BQL
Indeno(1,2,3-c,d)pyrene	420	BQL
Isophorone	420	BQL
2-Methylnaphthalene	420	BQL
2-Methylphenol	420	BQL
3- & 4-Methylphenol	420	BQL
N-Nitrosodi-n-propylamine	420	BQL
N-Nitrosodiphenylamine	420	BQL
Naphthalene	420	BQL
2-Nitroaniline	420	BQL
3-Nitroaniline	420	BQL
4-Nitroaniline	420	BQL
Nitrobenzene	420	BQL
2-Nitrophenol	420	BQL
4-Nitrophenol	2100	BQL
Pentachlorophenol	2100	BQL
Phenanthrene	420	BQL
Phenol	420	BQL
Pyrene	420	BQL
1,2,4-Trichlorobenzene	420	BQL
2,4,5-Trichlorophenol	420	BQL
2,4,6-Trichlorophenol	420	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.1	81
2-Fluorophenol	10	6.4	64
Nitrobenzene-d5	10	7.3	73
Phenol-d6	10	7.7	77
2,4,6-Tribromophenol	10	6.3	63
4-Terphenyl-d14	10	8.6	86

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-22-20
Client Project ID: Progress Energy
Lab Sample ID: 39163
Lab Project ID: G122-1698
Matrix: Soil %Solids: 78.4

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	64	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.4	BQL
Bromobenzene	6.4	BQL
Bromochloromethane	6.4	BQL
Bromodichloromethane	6.4	BQL
Bromoform	6.4	BQL
Bromomethane	6.4	BQL
2-Butanone	32	BQL
n-Butylbenzene	6.4	BQL
sec-Butylbenzene	6.4	BQL
tert-Butylbenzene	6.4	BQL
Carbon disulfide	6.4	BQL
Carbon tetrachloride	6.4	BQL
Chlorobenzene	6.4	BQL
Chloroethane	6.4	BQL
2-Chloroethyl vinyl ether	6.4	BQL
Chloroform	6.4	BQL
Chloromethane	6.4	BQL
2-Chlorotoluene	6.4	BQL
4-Chlorotoluene	6.4	BQL
Dibromochloromethane	6.4	BQL
1,2-Dibromo-3-chloropropane	6.4	BQL
Dibromomethane	6.4	BQL
1,2-Dibromoethane (EDB)	6.4	BQL
1,2-Dichlorobenzene	6.4	BQL
1,3-Dichlorobenzene	6.4	BQL
1,4-Dichlorobenzene	6.4	BQL
trans-1,4-Dichloro-2-butene	6.4	BQL
1,1-Dichloroethane	6.4	BQL
1,1-Dichloroethene	6.4	BQL
1,2-Dichloroethane	6.4	BQL
cis-1,2-Dichloroethene	6.4	BQL
trans-1,2-dichloroethene	6.4	BQL
1,2-Dichloropropane	6.4	BQL
1,3-Dichloropropane	6.4	BQL
2,2-Dichloropropane	6.4	BQL
1,1-Dichloropropene	6.4	BQL
cis-1,3-Dichloropropene	6.4	BQL
trans-1,3-Dichloropropene	6.4	BQL
Dichlorodifluoromethane	6.4	BQL
Diisopropyl ether (DIPE)	6.4	BQL
Ethylbenzene	6.4	BQL
Hexachlorobutadiene	6.4	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-22-20
Client Project ID: Progress Energy
Lab Sample ID: 39163
Lab Project ID: G122-1698
Matrix: Soil %Solids: 78.4

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.4	BQL
Iodomethane	6.4	BQL
Isopropylbenzene	6.4	BQL
4-Isopropyltoluene	6.4	BQL
Methylene chloride	26	BQL
4-Methyl-2-pentanone	6.4	BQL
Methyl-tert-butyl ether (MTBE)	6.4	BQL
Naphthalene	6.4	BQL
n-Propyl benzene	6.4	BQL
Styrene	6.4	BQL
1,1,1,2-Tetrachloroethane	6.4	BQL
1,1,2,2-Tetrachloroethane	6.4	BQL
Tetrachloroethene	6.4	BQL
Toluene	6.4	BQL
1,2,3-Trichlorobenzene	6.4	BQL
1,2,4-Trichlorobenzene	6.4	BQL
Trichloroethene	6.4	BQL
1,1,1-Trichloroethane	6.4	BQL
1,1,2-Trichloroethane	6.4	BQL
Trichlorofluoromethane	6.4	BQL
1,2,3-Trichloropropane	6.4	BQL
1,2,4-Trimethylbenzene	6.4	BQL
1,3,5-Trimethylbenzene	6.4	BQL
Vinyl chloride	6.4	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.4	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	45.7	91
1,2-Dichloroethane-d4	50	58.3	117
Toluene-d8	50	50.8	102

Comments:

All results are corrected for dilution.

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-22-20
Client Project ID: Progress Energy
Lab Sample ID: 39163
Lab Project ID: G122-1698
Matrix: Soil %Solids: 78.4

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	400	BQL
Acenaphthylene	400	BQL
Anthracene	400	BQL
Benzo[a]anthracene	400	BQL
Benzo[a]pyrene	400	BQL
Benzo[b]fluoranthene	400	BQL
Benzo[g,h,i]perylene	400	BQL
Benzo[k]fluoranthene	400	BQL
Benzoic Acid	790	BQL
Bis(2-chloroethoxy)methane	400	BQL
Bis(2-chloroethyl)ether	400	BQL
Bis(2-chloroisopropyl)ether	400	BQL
Bis(2-ethylhexyl)phthalate	400	BQL
4-bromophenyl phenyl ether	400	BQL
Butylbenzylphthalate	400	BQL
4-Chloroaniline	400	BQL
4-Chloro-3-methylphenol	400	BQL
2-Chloronaphthalene	400	BQL
2-Chlorophenol	400	BQL
4-Chlorophenyl phenyl ether	400	BQL
Chrysene	400	BQL
Di-n-Butylphthalate	400	BQL
Di-n-octylphthalate	400	BQL
Dibenzo[a,h]anthracene	400	BQL
Dibenzofuran	400	BQL
1,2-Dichlorobenzene	400	BQL
1,3-Dichlorobenzene	400	BQL
1,4-Dichlorobenzene	400	BQL
3,3'-Dichlorobenzidine	790	BQL
2,4-Dichlorophenol	400	BQL
Diethylphthalate	400	BQL
2,4-Dimethylphenol	400	BQL
Dimethylphthalate	400	BQL
4,6-Dinitro-2-methylphenol	2000	BQL
2,4-Dinitrophenol	2000	BQL
2,4-Dinitrotoluene	400	BQL
2,6-Dinitrotoluene	400	BQL
Fluoranthene	400	BQL
Fluorene	400	BQL
Hexachlorobenzene	400	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-22-20
Client Project ID: Progress Energy
Lab Sample ID: 39163
Lab Project ID: G122-1698
Matrix: Soil %Solids: 78.4

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	400	BQL
Hexachlorocyclopentadiene	790	BQL
Hexachloroethane	400	BQL
Indeno(1,2,3-c,d)pyrene	400	BQL
Isophorone	400	BQL
2-Methylnaphthalene	400	BQL
2-Methylphenol	400	BQL
3- & 4-Methylphenol	400	BQL
N-Nitrosodi-n-propylamine	400	BQL
N-Nitrosodiphenylamine	400	BQL
Naphthalene	400	BQL
2-Nitroaniline	400	BQL
3-Nitroaniline	400	BQL
4-Nitroaniline	400	BQL
Nitrobenzene	400	BQL
2-Nitrophenol	400	BQL
4-Nitrophenol	2000	BQL
Pentachlorophenol	2000	BQL
Phenanthrene	400	BQL
Phenol	400	BQL
Pyrene	400	BQL
1,2,4-Trichlorobenzene	400	BQL
2,4,5-Trichlorophenol	400	BQL
2,4,6-Trichlorophenol	400	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.0	90
2-Fluorophenol	10	7.3	73
Nitrobenzene-d5	10	7.3	73
Phenol-d6	10	7.9	79
2,4,6-Tribromophenol	10	7.8	78
4-Terphenyl-d14	10	10.6	106

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-23-5
Client Project ID: Progress Energy
Lab Sample ID: 39170
Lab Project ID: G122-1698
Matrix: Soil %Solids: 80.3

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/7/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	62	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	6.2	BQL
Bromobenzene	6.2	BQL
Bromochloromethane	6.2	BQL
Bromodichloromethane	6.2	BQL
Bromoform	6.2	BQL
Bromomethane	6.2	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.2	BQL
sec-Butylbenzene	6.2	BQL
tert-Butylbenzene	6.2	BQL
Carbon disulfide	6.2	BQL
Carbon tetrachloride	6.2	BQL
Chlorobenzene	6.2	BQL
Chloroethane	6.2	BQL
2-Chloroethyl vinyl ether	6.2	BQL
Chloroform	6.2	BQL
Chloromethane	6.2	BQL
2-Chlorotoluene	6.2	BQL
4-Chlorotoluene	6.2	BQL
Dibromochloromethane	6.2	BQL
1,2-Dibromo-3-chloropropane	6.2	BQL
Dibromomethane	6.2	BQL
1,2-Dibromoethane (EDB)	6.2	BQL
1,2-Dichlorobenzene	6.2	BQL
1,3-Dichlorobenzene	6.2	BQL
1,4-Dichlorobenzene	6.2	BQL
trans-1,4-Dichloro-2-butene	6.2	BQL
1,1-Dichloroethane	6.2	BQL
1,1-Dichloroethene	6.2	BQL
1,2-Dichloroethane	6.2	BQL
cis-1,2-Dichloroethene	6.2	BQL
trans-1,2-dichloroethene	6.2	BQL
1,2-Dichloropropane	6.2	BQL
1,3-Dichloropropane	6.2	BQL
2,2-Dichloropropane	6.2	BQL
1,1-Dichloropropene	6.2	BQL
cis-1,3-Dichloropropene	6.2	BQL
trans-1,3-Dichloropropene	6.2	BQL
Dichlorodifluoromethane	6.2	BQL
Diisopropyl ether (DIPE)	6.2	BQL
Ethylbenzene	6.2	BQL
Hexachlorobutadiene	6.2	BQL

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-23-5	Date Analyzed:	3/16/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39170	Date Collected:	3/7/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 80.3	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.2	BQL
Iodomethane	6.2	BQL
Isopropylbenzene	6.2	BQL
4-Isopropyltoluene	6.2	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.2	BQL
Methyl-tert-butyl ether (MTBE)	6.2	BQL
Naphthalene	6.2	BQL
n-Propyl benzene	6.2	BQL
Styrene	6.2	BQL
1,1,1,2-Tetrachloroethane	6.2	BQL
1,1,2,2-Tetrachloroethane	6.2	BQL
Tetrachloroethene	6.2	BQL
Toluene	6.2	BQL
1,2,3-Trichlorobenzene	6.2	BQL
1,2,4-Trichlorobenzene	6.2	BQL
Trichloroethene	6.2	BQL
1,1,1-Trichloroethane	6.2	BQL
1,1,2-Trichloroethane	6.2	BQL
Trichlorofluoromethane	6.2	BQL
1,2,3-Trichloropropane	6.2	BQL
1,2,4-Trimethylbenzene	6.2	BQL
1,3,5-Trimethylbenzene	6.2	BQL
Vinyl chloride	6.2	BQL
m-,p-Xylene	12	BQL
o-Xylene	6.2	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.6	97
1,2-Dichloroethane-d4	50	53.4	107
Toluene-d8	50	51.5	103

Comments:

All results are corrected for dilution.

Reviewed by: MN

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-23-5
Client Project ID: Progress Energy
Lab Sample ID: 39170
Lab Project ID: G122-1698
Matrix: Soil %Solids: 80.3

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	380	BQL
Acenaphthylene	380	BQL
Anthracene	380	BQL
Benzo[a]anthracene	380	BQL
Benzo[a]pyrene	380	BQL
Benzo[b]fluoranthene	380	BQL
Benzo[g,h,i]perylene	380	BQL
Benzo[k]fluoranthene	380	BQL
Benzoic Acid	760	BQL
Bis(2-chloroethoxy)methane	380	BQL
Bis(2-chloroethyl)ether	380	BQL
Bis(2-chloroisopropyl)ether	380	BQL
Bis(2-ethylhexyl)phthalate	380	BQL
4-bromophenyl phenyl ether	380	BQL
Butylbenzylphthalate	380	BQL
4-Chloroaniline	380	BQL
4-Chloro-3-methylphenol	380	BQL
2-Chloronaphthalene	380	BQL
2-Chlorophenol	380	BQL
4-Chlorophenyl phenyl ether	380	BQL
Chrysene	380	BQL
Di-n-Butylphthalate	380	BQL
Di-n-octylphthalate	380	BQL
Dibenzo[a,h]anthracene	380	BQL
Dibenzofuran	380	BQL
1,2-Dichlorobenzene	380	BQL
1,3-Dichlorobenzene	380	BQL
1,4-Dichlorobenzene	380	BQL
3,3'-Dichlorobenzidine	760	BQL
2,4-Dichlorophenol	380	BQL
Diethylphthalate	380	BQL
2,4-Dimethylphenol	380	BQL
Dimethylphthalate	380	BQL
4,6-Dinitro-2-methylphenol	1900	BQL
2,4-Dinitrophenol	1900	BQL
2,4-Dinitrotoluene	380	BQL
2,6-Dinitrotoluene	380	BQL
Fluoranthene	380	BQL
Fluorene	380	BQL
Hexachlorobenzene	380	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-23-5
Client Project ID: Progress Energy
Lab Sample ID: 39170
Lab Project ID: G122-1698
Matrix: Soil %Solids: 80.3

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	380	BQL
Hexachlorocyclopentadiene	760	BQL
Hexachloroethane	380	BQL
Indeno(1,2,3-c,d)pyrene	380	BQL
Isophorone	380	BQL
2-Methylnaphthalene	380	BQL
2-Methylphenol	380	BQL
3- & 4-Methylphenol	380	BQL
N-Nitrosodi-n-propylamine	380	BQL
N-Nitrosodiphenylamine	380	BQL
Naphthalene	380	BQL
2-Nitroaniline	380	BQL
3-Nitroaniline	380	BQL
4-Nitroaniline	380	BQL
Nitrobenzene	380	BQL
2-Nitrophenol	380	BQL
4-Nitrophenol	1900	BQL
Pentachlorophenol	1900	BQL
Phenanthrene	380	BQL
Phenol	380	BQL
Pyrene	380	BQL
1,2,4-Trichlorobenzene	380	BQL
2,4,5-Trichlorophenol	380	BQL
2,4,6-Trichlorophenol	380	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.8	108
2-Fluorophenol	10	8.8	88
Nitrobenzene-d5	10	9.1	91
Phenol-d6	10	8.6	86
2,4,6-Tribromophenol	10	7.2	72
4-Terphenyl-d14	10	10.7	107

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-23-5	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/7/02
Lab Sample ID:	39170	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	80.34

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.24	1	MG/KG	6010B	3/18/02
Barium	**86.9**	12.4	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.24	1	MG/KG	6010B	3/18/02
Chromium	**10.8**	1.24	1	MG/KG	6010B	3/18/02
Lead	**48.8**	1.24	1	MG/KG	6010B	3/18/02
Mercury	**0.378**	0.0233	1	MG/KG	7471	3/18/02
Selenium	BQL	1.24	1	MG/KG	6010B	3/18/02
Silver	BQL	1.24	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-24-20
Client Project ID: Progress Energy
Lab Sample ID: 39165
Lab Project ID: G122-1698
Matrix: Soil %Solids: 73.5

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	68	BQL
Acrolein	140	BQL
Acrylonitrile	140	BQL
Benzene	6.8	BQL
Bromobenzene	6.8	BQL
Bromochloromethane	6.8	BQL
Bromodichloromethane	6.8	BQL
Bromoform	6.8	BQL
Bromomethane	6.8	BQL
2-Butanone	34	BQL
n-Butylbenzene	6.8	BQL
sec-Butylbenzene	6.8	BQL
tert-Butylbenzene	6.8	BQL
Carbon disulfide	6.8	BQL
Carbon tetrachloride	6.8	BQL
Chlorobenzene	6.8	BQL
Chloroethane	6.8	BQL
2-Chloroethyl vinyl ether	6.8	BQL
Chloroform	6.8	BQL
Chloromethane	6.8	BQL
2-Chlorotoluene	6.8	BQL
4-Chlorotoluene	6.8	BQL
Dibromochloromethane	6.8	BQL
1,2-Dibromo-3-chloropropane	6.8	BQL
Dibromomethane	6.8	BQL
1,2-Dibromoethane (EDB)	6.8	BQL
1,2-Dichlorobenzene	6.8	BQL
1,3-Dichlorobenzene	6.8	BQL
1,4-Dichlorobenzene	6.8	BQL
trans-1,4-Dichloro-2-butene	6.8	BQL
1,1-Dichloroethane	6.8	BQL
1,1-Dichloroethene	6.8	BQL
1,2-Dichloroethane	6.8	BQL
cis-1,2-Dichloroethene	6.8	BQL
trans-1,2-dichloroethene	6.8	BQL
1,2-Dichloropropane	6.8	BQL
1,3-Dichloropropane	6.8	BQL
2,2-Dichloropropane	6.8	BQL
1,1-Dichloropropene	6.8	BQL
cis-1,3-Dichloropropene	6.8	BQL
trans-1,3-Dichloropropene	6.8	BQL
Dichlorodifluoromethane	6.8	BQL
Diisopropyl ether (DIPE)	6.8	BQL
Ethylbenzene	6.8	BQL
Hexachlorobutadiene	6.8	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-24-20
Client Project ID: Progress Energy
Lab Sample ID: 39165
Lab Project ID: G122-1698
Matrix: Soil %Solids: 73.5

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.8	BQL
Iodomethane	6.8	BQL
Isopropylbenzene	6.8	BQL
4-Isopropyltoluene	6.8	BQL
Methylene chloride	27	BQL
4-Methyl-2-pentanone	6.8	BQL
Methyl-tert-butyl ether (MTBE)	6.8	BQL
Naphthalene	6.8	BQL
n-Propyl benzene	6.8	BQL
Styrene	6.8	BQL
1,1,1,2-Tetrachloroethane	6.8	BQL
1,1,2,2-Tetrachloroethane	6.8	BQL
Tetrachloroethene	6.8	BQL
Toluene	6.8	BQL
1,2,3-Trichlorobenzene	6.8	BQL
1,2,4-Trichlorobenzene	6.8	BQL
Trichloroethene	6.8	BQL
1,1,1-Trichloroethane	6.8	BQL
1,1,2-Trichloroethane	6.8	BQL
Trichlorofluoromethane	6.8	BQL
1,2,3-Trichloropropane	6.8	BQL
1,2,4-Trimethylbenzene	6.8	BQL
1,3,5-Trimethylbenzene	6.8	BQL
Vinyl chloride	6.8	BQL
m-,p-Xylene	14	BQL
o-Xylene	6.8	BQL

Surrogate Spike Recoveries

Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	49.3	99
1,2-Dichloroethane-d4	50	54.6	109
Toluene-d8	50	49.1	98

Comments:

All results are corrected for dilution.

Reviewed by: JN

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-24-20
Client Project ID: Progress Energy
Lab Sample ID: 39165
Lab Project ID: G122-1698
Matrix: Soil %Solids: 73.5

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/18/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	410	BQL
Acenaphthylene	410	BQL
Anthracene	410	BQL
Benzo[a]anthracene	410	BQL
Benzo[a]pyrene	410	BQL
Benzo[b]fluoranthene	410	BQL
Benzo[g,h,i]perylene	410	BQL
Benzo[k]fluoranthene	410	BQL
Benzoic Acid	830	BQL
Bis(2-chloroethoxy)methane	410	BQL
Bis(2-chloroethyl)ether	410	BQL
Bis(2-chloroisopropyl)ether	410	BQL
Bis(2-ethylhexyl)phthalate	410	BQL
4-bromophenyl phenyl ether	410	BQL
Butylbenzylphthalate	410	BQL
4-Chloroaniline	410	BQL
4-Chloro-3-methylphenol	410	BQL
2-Chloronaphthalene	410	BQL
2-Chlorophenol	410	BQL
4-Chlorophenyl phenyl ether	410	BQL
Chrysene	410	BQL
Di-n-Butylphthalate	410	BQL
Di-n-octylphthalate	410	BQL
Dibenzo[a,h]anthracene	410	BQL
Dibenzofuran	410	BQL
1,2-Dichlorobenzene	410	BQL
1,3-Dichlorobenzene	410	BQL
1,4-Dichlorobenzene	410	BQL
3,3'-Dichlorobenzidine	830	BQL
2,4-Dichlorophenol	410	BQL
Diethylphthalate	410	BQL
2,4-Dimethylphenol	410	BQL
Dimethylphthalate	410	BQL
4,6-Dinitro-2-methylphenol	2100	BQL
2,4-Dinitrophenol	2100	BQL
2,4-Dinitrotoluene	410	BQL
2,6-Dinitrotoluene	410	BQL
Fluoranthene	410	BQL
Fluorene	410	BQL
Hexachlorobenzene	410	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-24-20
Client Project ID: Progress Energy
Lab Sample ID: 39165
Lab Project ID: G122-1698
Matrix: Soil %Solids: 73.5

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/18/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	410	BQL
Hexachlorocyclopentadiene	830	BQL
Hexachloroethane	410	BQL
Indeno(1,2,3-c,d)pyrene	410	BQL
Isophorone	410	BQL
2-Methylnaphthalene	410	BQL
2-Methylphenol	410	BQL
3- & 4-Methylphenol	410	BQL
N-Nitrosodi-n-propylamine	410	BQL
N-Nitrosodiphenylamine	410	BQL
Naphthalene	410	BQL
2-Nitroaniline	410	BQL
3-Nitroaniline	410	BQL
4-Nitroaniline	410	BQL
Nitrobenzene	410	BQL
2-Nitrophenol	410	BQL
4-Nitrophenol	2100	BQL
Pentachlorophenol	2100	BQL
Phenanthrene	410	BQL
Phenol	410	BQL
Pyrene	410	BQL
1,2,4-Trichlorobenzene	410	BQL
2,4,5-Trichlorophenol	410	BQL
2,4,6-Trichlorophenol	410	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	6.1	61
2-Fluorophenol	10	2.0	20#
Nitrobenzene-d5	10	5.1	51
Phenol-d6	10	2.7	27#
2,4,6-Tribromophenol	10	2.4	24#
4-Terphenyl-d14	10	5.8	58

Comments:

Results are corrected for %solids and dilution where applicable.
Surrogate recoveries were confirmed by duplicate analysis.

Flags:

BQL = Below Quantitation Limit.
# = Surrogate recovery outside In-House statistical limits.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-24-20	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/6/02
Lab Sample ID:	39165	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	73.52

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.28	1	MG/KG	6010B	3/18/02
Barium	**174**	12.8	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.28	1	MG/KG	6010B	3/18/02
Chromium	**10.1**	1.28	1	MG/KG	6010B	3/18/02
Lead	**10.1**	1.28	1	MG/KG	6010B	3/18/02
Mercury	BQL	0.0250	1	MG/KG	7471	3/18/02
Selenium	BQL	1.28	1	MG/KG	6010B	3/18/02
Silver	BQL	1.28	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-25-20
Client Project ID: Progress Energy
Lab Sample ID: 39161
Lab Project ID: G122-1698
Matrix: Soil %Solids: 77.7

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	64	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.4	BQL
Bromobenzene	6.4	BQL
Bromochloromethane	6.4	BQL
Bromodichloromethane	6.4	BQL
Bromoform	6.4	BQL
Bromomethane	6.4	BQL
2-Butanone	32	BQL
n-Butylbenzene	6.4	BQL
sec-Butylbenzene	6.4	BQL
tert-Butylbenzene	6.4	BQL
Carbon disulfide	6.4	BQL
Carbon tetrachloride	6.4	BQL
Chlorobenzene	6.4	BQL
Chloroethane	6.4	BQL
2-Chloroethyl vinyl ether	6.4	BQL
Chloroform	6.4	BQL
Chloromethane	6.4	BQL
2-Chlorotoluene	6.4	BQL
4-Chlorotoluene	6.4	BQL
Dibromochloromethane	6.4	BQL
1,2-Dibromo-3-chloropropane	6.4	BQL
Dibromomethane	6.4	BQL
1,2-Dibromoethane (EDB)	6.4	BQL
1,2-Dichlorobenzene	6.4	BQL
1,3-Dichlorobenzene	6.4	BQL
1,4-Dichlorobenzene	6.4	BQL
trans-1,4-Dichloro-2-butene	6.4	BQL
1,1-Dichloroethane	6.4	BQL
1,1-Dichloroethene	6.4	BQL
1,2-Dichloroethane	6.4	BQL
cis-1,2-Dichloroethene	6.4	BQL
trans-1,2-dichloroethene	6.4	BQL
1,2-Dichloropropane	6.4	BQL
1,3-Dichloropropane	6.4	BQL
2,2-Dichloropropane	6.4	BQL
1,1-Dichloropropene	6.4	BQL
cis-1,3-Dichloropropene	6.4	BQL
trans-1,3-Dichloropropene	6.4	BQL
Dichlorodifluoromethane	6.4	BQL
Diisopropyl ether (DIPE)	6.4	BQL
Ethylbenzene	6.4	BQL
Hexachlorobutadiene	6.4	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-25-20
Client Project ID: Progress Energy
Lab Sample ID: 39161
Lab Project ID: G122-1698
Matrix: Soil %Solids: 77.7

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.4	BQL
Iodomethane	6.4	BQL
Isopropylbenzene	6.4	BQL
4-Isopropyltoluene	6.4	BQL
Methylene chloride	26	BQL
4-Methyl-2-pentanone	6.4	BQL
Methyl-tert-butyl ether (MTBE)	6.4	BQL
Naphthalene	6.4	BQL
n-Propyl benzene	6.4	BQL
Styrene	6.4	BQL
1,1,1,2-Tetrachloroethane	6.4	BQL
1,1,2,2-Tetrachloroethane	6.4	BQL
Tetrachloroethene	6.4	BQL
Toluene	6.4	BQL
1,2,3-Trichlorobenzene	6.4	BQL
1,2,4-Trichlorobenzene	6.4	BQL
Trichloroethene	6.4	BQL
1,1,1-Trichloroethane	6.4	BQL
1,1,2-Trichloroethane	6.4	BQL
Trichlorofluoromethane	6.4	BQL
1,2,3-Trichloropropane	6.4	BQL
1,2,4-Trimethylbenzene	6.4	BQL
1,3,5-Trimethylbenzene	6.4	BQL
Vinyl chloride	6.4	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.4	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.5	97
1,2-Dichloroethane-d4	50	57.0	114
Toluene-d8	50	50.6	101

Comments:

All results are corrected for dilution.

Reviewed by: RN

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-25-20
Client Project ID: Progress Energy
Lab Sample ID: 39161
Lab Project ID: G122-1698
Matrix: Soil %Solids: 77.7

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	410	BQL
Acenaphthylene	410	BQL
Anthracene	410	BQL
Benzo[a]anthracene	410	BQL
Benzo[a]pyrene	410	BQL
Benzo[b]fluoranthene	410	BQL
Benzo[g,h,i]perylene	410	BQL
Benzo[k]fluoranthene	410	BQL
Benzoic Acid	820	BQL
Bis(2-chloroethoxy)methane	410	BQL
Bis(2-chloroethyl)ether	410	BQL
Bis(2-chloroisopropyl)ether	410	BQL
Bis(2-ethylhexyl)phthalate	410	BQL
4-bromophenyl phenyl ether	410	BQL
Butylbenzylphthalate	410	BQL
4-Chloroaniline	410	BQL
4-Chloro-3-methylphenol	410	BQL
2-Chloronaphthalene	410	BQL
2-Chlorophenol	410	BQL
4-Chlorophenyl phenyl ether	410	BQL
Chrysene	410	BQL
Di-n-Butylphthalate	410	BQL
Di-n-octylphthalate	410	BQL
Dibenzo[a,h]anthracene	410	BQL
Dibenzofuran	410	BQL
1,2-Dichlorobenzene	410	BQL
1,3-Dichlorobenzene	410	BQL
1,4-Dichlorobenzene	410	BQL
3,3'-Dichlorobenzidine	820	BQL
2,4-Dichlorophenol	410	BQL
Diethylphthalate	410	BQL
2,4-Dimethylphenol	410	BQL
Dimethylphthalate	410	BQL
4,6-Dinitro-2-methylphenol	2100	BQL
2,4-Dinitrophenol	2100	BQL
2,4-Dinitrotoluene	410	BQL
2,6-Dinitrotoluene	410	BQL
Fluoranthene	410	BQL
Fluorene	410	BQL
Hexachlorobenzene	410	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-25-20
Client Project ID: Progress Energy
Lab Sample ID: 39161
Lab Project ID: G122-1698
Matrix: Soil %Solids: 77.7

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	410	BQL
Hexachlorocyclopentadiene	820	BQL
Hexachloroethane	410	BQL
Indeno(1,2,3-c,d)pyrene	410	BQL
Isophorone	410	BQL
2-Methylnaphthalene	410	BQL
2-Methylphenol	410	BQL
3- & 4-Methylphenol	410	BQL
N-Nitrosodi-n-propylamine	410	BQL
N-Nitrosodiphenylamine	410	BQL
Naphthalene	410	BQL
2-Nitroaniline	410	BQL
3-Nitroaniline	410	BQL
4-Nitroaniline	410	BQL
Nitrobenzene	410	BQL
2-Nitrophenol	410	BQL
4-Nitrophenol	2100	BQL
Pentachlorophenol	2100	BQL
Phenanthrene	410	BQL
Phenol	410	BQL
Pyrene	410	BQL
1,2,4-Trichlorobenzene	410	BQL
2,4,5-Trichlorophenol	410	BQL
2,4,6-Trichlorophenol	410	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.3	93
2-Fluorophenol	10	7.1	71
Nitrobenzene-d5	10	7.9	79
Phenol-d6	10	8.1	81
2,4,6-Tribromophenol	10	7.2	72
4-Terphenyl-d14	10	11.1	111

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-25-20	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/6/02
Lab Sample ID:	39161	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	77.74

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.19	1	MG/KG	6010B	3/18/02
Barium	**100**	11.9	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.19	1	MG/KG	6010B	3/18/02
Chromium	**13.8**	1.19	1	MG/KG	6010B	3/18/02
Lead	**13.1**	1.19	1	MG/KG	6010B	3/18/02
Mercury	BQL	0.0234	1	MG/KG	7471	3/18/02
Selenium	BQL	1.19	1	MG/KG	6010B	3/18/02
Silver	BQL	1.19	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-26-10
Client Project ID: Progress Energy
Lab Sample ID: 39167
Lab Project ID: G122-1698
Matrix: Soil %Solids: 89.1

Date Analyzed: 3/18/02
Analyzed By: RNP
Date Collected: 3/7/02
Date Received: 3/9/02
Dilution: 500

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	14000	BQL
Acrolein	56000	BQL
Acrylonitrile	56000	BQL
Benzene	560	BQL
Bromobenzene	560	BQL
Bromochloromethane	560	BQL
Bromodichloromethane	560	BQL
Bromoform	560	BQL
Bromomethane	560	BQL
2-Butanone	14000	BQL
n-Butylbenzene	560	BQL
sec-Butylbenzene	560	**1500**
tert-Butylbenzene	560	BQL
Carbon disulfide	560	BQL
Carbon tetrachloride	560	BQL
Chlorobenzene	560	BQL
Chloroethane	560	BQL
2-Chloroethyl vinyl ether	2800	BQL
Chloroform	560	BQL
Chloromethane	560	BQL
2-Chlorotoluene	560	BQL
4-Chlorotoluene	560	BQL
Dibromochloromethane	560	BQL
1,2-Dibromo-3-chloropropane	2800	BQL
Dibromomethane	560	BQL
1,2-Dibromoethane (EDB)	560	BQL
1,2-Dichlorobenzene	560	BQL
1,3-Dichlorobenzene	560	BQL
1,4-Dichlorobenzene	560	BQL
trans-1,4-Dichloro-2-butene	2800	BQL
1,1-Dichloroethane	560	BQL
1,1-Dichloroethene	560	BQL
1,2-Dichloroethane	560	BQL
cis-1,2-Dichloroethene	560	BQL
trans-1,2-dichloroethene	560	BQL
1,2-Dichloropropane	560	BQL
1,3-Dichloropropane	560	BQL
2,2-Dichloropropane	560	BQL
1,1-Dichloropropene	560	BQL
cis-1,3-Dichloropropene	560	BQL
trans-1,3-Dichloropropene	560	BQL
Dichlorodifluoromethane	2800	BQL
Diisopropyl ether (DIPE)	560	BQL
Ethylbenzene	560	**4900**
Hexachlorobutadiene	560	BQL

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-26-10
Client Project ID: Progress Energy
Lab Sample ID: 39167
Lab Project ID: G122-1698
Matrix: Soil %Solids: 89.1

Date Analyzed: 3/18/02
Analyzed By: RNP
Date Collected: 3/7/02
Date Received: 3/9/02
Dilution: 500

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	2800	BQL
Iodomethane	560	BQL
Isopropylbenzene	560	**1800**
4-Isopropyltoluene	560	**2000**
Methylene chloride	2800	BQL
4-Methyl-2-pentanone	2800	BQL
Methyl-tert-butyl ether (MTBE)	560	BQL
Naphthalene	560	BQL
n-Propyl benzene	560	**3300**
Styrene	560	BQL
1,1,1,2-Tetrachloroethane	560	BQL
1,1,2,2-Tetrachloroethane	560	BQL
Tetrachloroethene	560	BQL
Toluene	560	**4000**
1,2,3-Trichlorobenzene	560	BQL
1,2,4-Trichlorobenzene	560	BQL
Trichloroethene	560	BQL
1,1,1-Trichloroethane	560	BQL
1,1,2-Trichloroethane	560	BQL
Trichlorofluoromethane	560	BQL
1,2,3-Trichloropropane	560	BQL
1,2,4-Trimethylbenzene	560	**24000**
1,3,5-Trimethylbenzene	560	**7800**
Vinyl chloride	560	BQL
m-,p-Xylene	1100	**21000**
o-Xylene	560	**9000**

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	10	10.0	100
1,2-Dichloroethane-d4	10	9.5	95
Toluene-d8	10	10.6	106

Comments:

All results are corrected for dilution.

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-26-10
Client Project ID: Progress Energy
Lab Sample ID: 39167
Lab Project ID: G122-1698
Matrix: Soil %Solids: 89.1

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	320	BQL
Acenaphthylene	320	BQL
Anthracene	320	BQL
Benzo[a]anthracene	320	BQL
Benzo[a]pyrene	320	BQL
Benzo[b]fluoranthene	320	BQL
Benzo[g,h,i]perylene	320	BQL
Benzo[k]fluoranthene	320	BQL
Benzoic Acid	640	BQL
Bis(2-chloroethoxy)methane	320	BQL
Bis(2-chloroethyl)ether	320	BQL
Bis(2-chloroisopropyl)ether	320	BQL
Bis(2-ethylhexyl)phthalate	320	BQL
4-bromophenyl phenyl ether	320	BQL
Butylbenzylphthalate	320	BQL
4-Chloroaniline	320	BQL
4-Chloro-3-methylphenol	320	BQL
2-Chloronaphthalene	320	BQL
2-Chlorophenol	320	BQL
4-Chlorophenyl phenyl ether	320	BQL
Chrysene	320	BQL
Di-n-Butylphthalate	320	BQL
Di-n-octylphthalate	320	BQL
Dibenzo[a,h]anthracene	320	BQL
Dibenzofuran	320	BQL
1,2-Dichlorobenzene	320	BQL
1,3-Dichlorobenzene	320	BQL
1,4-Dichlorobenzene	320	BQL
3,3'-Dichlorobenzidine	640	BQL
2,4-Dichlorophenol	320	BQL
Diethylphthalate	320	BQL
2,4-Dimethylphenol	320	BQL
Dimethylphthalate	320	BQL
4,6-Dinitro-2-methylphenol	1600	BQL
2,4-Dinitrophenol	1600	BQL
2,4-Dinitrotoluene	320	BQL
2,6-Dinitrotoluene	320	BQL
Fluoranthene	320	BQL
Fluorene	320	BQL
Hexachlorobenzene	320	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-26-10
Client Project ID: Progress Energy
Lab Sample ID: 39167
Lab Project ID: G122-1698
Matrix: Soil %Solids: 89.1

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	320	BQL
Hexachlorocyclopentadiene	640	BQL
Hexachloroethane	320	BQL
Indeno(1,2,3-c,d)pyrene	320	BQL
Isophorone	320	BQL
2-Methylnaphthalene	320	**5400**
2-Methylphenol	320	BQL
3- & 4-Methylphenol	320	BQL
N-Nitrosodi-n-propylamine	320	BQL
N-Nitrosodiphenylamine	320	BQL
Naphthalene	320	**5300**
2-Nitroaniline	320	BQL
3-Nitroaniline	320	BQL
4-Nitroaniline	320	BQL
Nitrobenzene	320	BQL
2-Nitrophenol	320	BQL
4-Nitrophenol	1600	BQL
Pentachlorophenol	1600	BQL
Phenanthrene	320	BQL
Phenol	320	BQL
Pyrene	320	BQL
1,2,4-Trichlorobenzene	320	BQL
2,4,5-Trichlorophenol	320	BQL
2,4,6-Trichlorophenol	320	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.8	98
2-Fluorophenol	10	4.9	49
Nitrobenzene-d5	10	11.1	111
Phenol-d6	10	6.9	69
2,4,6-Tribromophenol	10	6.8	68
4-Terphenyl-d14	10	9.9	99

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-26-10	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/7/02
Lab Sample ID:	39167	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	89.11

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.02	1	MG/KG	6010B	3/18/02
Barium	**26.3**	10.2	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.02	1	MG/KG	6010B	3/18/02
Chromium	**3.34**	1.02	1	MG/KG	6010B	3/18/02
Lead	**7.41**	1.02	1	MG/KG	6010B	3/18/02
Mercury	BQL	0.0220	1	MG/KG	7471	3/18/02
Selenium	BQL	1.02	1	MG/KG	6010B	3/18/02
Silver	BQL	1.02	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-27-20
Client Project ID: Progress Energy
Lab Sample ID: 39177
Lab Project ID: G122-1698
Matrix: Soil %Solids: 84.2

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/8/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	59	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	5.9	BQL
Bromobenzene	5.9	BQL
Bromochloromethane	5.9	BQL
Bromodichloromethane	5.9	BQL
Bromoform	5.9	BQL
Bromomethane	5.9	BQL
2-Butanone	30	BQL
n-Butylbenzene	5.9	BQL
sec-Butylbenzene	5.9	BQL
tert-Butylbenzene	5.9	BQL
Carbon disulfide	5.9	BQL
Carbon tetrachloride	5.9	BQL
Chlorobenzene	5.9	BQL
Chloroethane	5.9	BQL
2-Chloroethyl vinyl ether	5.9	BQL
Chloroform	5.9	BQL
Chloromethane	5.9	BQL
2-Chlorotoluene	5.9	BQL
4-Chlorotoluene	5.9	BQL
Dibromochloromethane	5.9	BQL
1,2-Dibromo-3-chloropropane	5.9	BQL
Dibromomethane	5.9	BQL
1,2-Dibromoethane (EDB)	5.9	BQL
1,2-Dichlorobenzene	5.9	BQL
1,3-Dichlorobenzene	5.9	BQL
1,4-Dichlorobenzene	5.9	BQL
trans-1,4-Dichloro-2-butene	5.9	BQL
1,1-Dichloroethane	5.9	BQL
1,1-Dichloroethene	5.9	BQL
1,2-Dichloroethane	5.9	BQL
cis-1,2-Dichloroethene	5.9	BQL
trans-1,2-dichloroethene	5.9	BQL
1,2-Dichloropropane	5.9	BQL
1,3-Dichloropropane	5.9	BQL
2,2-Dichloropropane	5.9	BQL
1,1-Dichloropropene	5.9	BQL
cis-1,3-Dichloropropene	5.9	BQL
trans-1,3-Dichloropropene	5.9	BQL
Dichlorodifluoromethane	5.9	BQL
Diisopropyl ether (DIPE)	5.9	BQL
Ethylbenzene	5.9	BQL
Hexachlorobutadiene	5.9	BQL

Reviewed by: _____

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-27-20	Date Analyzed:	3/16/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39177	Date Collected:	3/8/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 84.2	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.9	BQL
Iodomethane	5.9	BQL
Isopropylbenzene	5.9	BQL
4-Isopropyltoluene	5.9	BQL
Methylene chloride	24	BQL
4-Methyl-2-pentanone	5.9	BQL
Methyl-tert-butyl ether (MTBE)	5.9	BQL
Naphthalene	5.9	BQL
n-Propyl benzene	5.9	BQL
Styrene	5.9	BQL
1,1,1,2-Tetrachloroethane	5.9	BQL
1,1,2,2-Tetrachloroethane	5.9	BQL
Tetrachloroethene	5.9	BQL
Toluene	5.9	BQL
1,2,3-Trichlorobenzene	5.9	BQL
1,2,4-Trichlorobenzene	5.9	BQL
Trichloroethene	5.9	BQL
1,1,1-Trichloroethane	5.9	BQL
1,1,2-Trichloroethane	5.9	BQL
Trichlorofluoromethane	5.9	BQL
1,2,3-Trichloropropane	5.9	BQL
1,2,4-Trimethylbenzene	5.9	BQL
1,3,5-Trimethylbenzene	5.9	BQL
Vinyl chloride	5.9	BQL
m-,p-Xylene	12	BQL
o-Xylene	5.9	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.7	97
1,2-Dichloroethane-d4	50	56.9	114
Toluene-d8	50	49.9	100

Comments:

All results are corrected for dilution.

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-27-20
Client Project ID: Progress Energy
Lab Sample ID: 39177
Lab Project ID: G122-1698
Matrix: Soil %Solids: 84.2

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	360	BQL
Acenaphthylene	360	BQL
Anthracene	360	BQL
Benzo[a]anthracene	360	BQL
Benzo[a]pyrene	360	BQL
Benzo[b]fluoranthene	360	BQL
Benzo[g,h,i]perylene	360	BQL
Benzo[k]fluoranthene	360	BQL
Benzoic Acid	720	BQL
Bis(2-chloroethoxy)methane	360	BQL
Bis(2-chloroethyl)ether	360	BQL
Bis(2-chloroisopropyl)ether	360	BQL
Bis(2-ethylhexyl)phthalate	360	BQL
4-bromophenyl phenyl ether	360	BQL
Butylbenzylphthalate	360	BQL
4-Chloroaniline	360	BQL
4-Chloro-3-methylphenol	360	BQL
2-Chloronaphthalene	360	BQL
2-Chlorophenol	360	BQL
4-Chlorophenyl phenyl ether	360	BQL
Chrysene	360	BQL
Di-n-Butylphthalate	360	BQL
Di-n-octylphthalate	360	BQL
Dibenzo[a,h]anthracene	360	BQL
Dibenzofuran	360	BQL
1,2-Dichlorobenzene	360	BQL
1,3-Dichlorobenzene	360	BQL
1,4-Dichlorobenzene	360	BQL
3,3'-Dichlorobenzidine	720	BQL
2,4-Dichlorophenol	360	BQL
Diethylphthalate	360	BQL
2,4-Dimethylphenol	360	BQL
Dimethylphthalate	360	BQL
4,6-Dinitro-2-methylphenol	1800	BQL
2,4-Dinitrophenol	1800	BQL
2,4-Dinitrotoluene	360	BQL
2,6-Dinitrotoluene	360	BQL
Fluoranthene	360	BQL
Fluorene	360	BQL
Hexachlorobenzene	360	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-27-20
Client Project ID: Progress Energy
Lab Sample ID: 39177
Lab Project ID: G122-1698
Matrix: Soil %Solids: 84.2

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	360	BQL
Hexachlorocyclopentadiene	720	BQL
Hexachloroethane	360	BQL
Indeno(1,2,3-c,d)pyrene	360	BQL
Isophorone	360	BQL
2-Methylnaphthalene	360	BQL
2-Methylphenol	360	BQL
3- & 4-Methylphenol	360	BQL
N-Nitrosodi-n-propylamine	360	BQL
N-Nitrosodiphenylamine	360	BQL
Naphthalene	360	BQL
2-Nitroaniline	360	BQL
3-Nitroaniline	360	BQL
4-Nitroaniline	360	BQL
Nitrobenzene	360	BQL
2-Nitrophenol	360	BQL
4-Nitrophenol	1800	BQL
Pentachlorophenol	1800	BQL
Phenanthrene	360	BQL
Phenol	360	BQL
Pyrene	360	BQL
1,2,4-Trichlorobenzene	360	BQL
2,4,5-Trichlorophenol	360	BQL
2,4,6-Trichlorophenol	360	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.5	105
2-Fluorophenol	10	7.3	73
Nitrobenzene-d5	10	8.6	86
Phenol-d6	10	8.9	89
2,4,6-Tribromophenol	10	7.7	77
4-Terphenyl-d14	10	10.4	104

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-27-20	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/8/02
Lab Sample ID:	39177	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	84.22

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.12	1	MG/KG	6010B	3/18/02
Barium	BQL	11.2	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.12	1	MG/KG	6010B	3/18/02
Chromium	BQL	1.12	1	MG/KG	6010B	3/18/02
Lead	**6.82**	1.12	1	MG/KG	6010B	3/18/02
Mercury	BQL	0.0222	1	MG/KG	7471	3/18/02
Selenium	BQL	1.12	1	MG/KG	6010B	3/18/02
Silver	BQL	1.12	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-28-25
Client Project ID: Progress Energy
Lab Sample ID: 39160
Lab Project ID: G122-1698
Matrix: Soil %Solids: 85.3

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	59	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	5.9	BQL
Bromobenzene	5.9	BQL
Bromochloromethane	5.9	BQL
Bromodichloromethane	5.9	BQL
Bromoform	5.9	BQL
Bromomethane	5.9	BQL
2-Butanone	29	BQL
n-Butylbenzene	5.9	BQL
sec-Butylbenzene	5.9	BQL
tert-Butylbenzene	5.9	BQL
Carbon disulfide	5.9	BQL
Carbon tetrachloride	5.9	BQL
Chlorobenzene	5.9	BQL
Chloroethane	5.9	BQL
2-Chloroethyl vinyl ether	5.9	BQL
Chloroform	5.9	BQL
Chloromethane	5.9	BQL
2-Chlorotoluene	5.9	BQL
4-Chlorotoluene	5.9	BQL
Dibromochloromethane	5.9	BQL
1,2-Dibromo-3-chloropropane	5.9	BQL
Dibromomethane	5.9	BQL
1,2-Dibromoethane (EDB)	5.9	BQL
1,2-Dichlorobenzene	5.9	BQL
1,3-Dichlorobenzene	5.9	BQL
1,4-Dichlorobenzene	5.9	BQL
trans-1,4-Dichloro-2-butene	5.9	BQL
1,1-Dichloroethane	5.9	BQL
1,1-Dichloroethene	5.9	BQL
1,2-Dichloroethane	5.9	BQL
cis-1,2-Dichloroethene	5.9	BQL
trans-1,2-dichloroethene	5.9	BQL
1,2-Dichloropropane	5.9	BQL
1,3-Dichloropropane	5.9	BQL
2,2-Dichloropropane	5.9	BQL
1,1-Dichloropropene	5.9	BQL
cis-1,3-Dichloropropene	5.9	BQL
trans-1,3-Dichloropropene	5.9	BQL
Dichlorodifluoromethane	5.9	BQL
Diisopropyl ether (DIPE)	5.9	BQL
Ethylbenzene	5.9	BQL
Hexachlorobutadiene	5.9	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-28-25
Client Project ID: Progress Energy
Lab Sample ID: 39160
Lab Project ID: G122-1698
Matrix: Soil %Solids: 85.3

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.9	BQL
Iodomethane	5.9	BQL
Isopropylbenzene	5.9	BQL
4-Isopropyltoluene	5.9	BQL
Methylene chloride	23	BQL
4-Methyl-2-pentanone	5.9	BQL
Methyl-tert-butyl ether (MTBE)	5.9	BQL
Naphthalene	5.9	BQL
n-Propyl benzene	5.9	BQL
Styrene	5.9	BQL
1,1,1,2-Tetrachloroethane	5.9	BQL
1,1,2,2-Tetrachloroethane	5.9	BQL
Tetrachloroethene	5.9	BQL
Toluene	5.9	BQL
1,2,3-Trichlorobenzene	5.9	BQL
1,2,4-Trichlorobenzene	5.9	BQL
Trichloroethene	5.9	BQL
1,1,1-Trichloroethane	5.9	BQL
1,1,2-Trichloroethane	5.9	BQL
Trichlorofluoromethane	5.9	BQL
1,2,3-Trichloropropane	5.9	BQL
1,2,4-Trimethylbenzene	5.9	BQL
1,3,5-Trimethylbenzene	5.9	BQL
Vinyl chloride	5.9	BQL
m-,p-Xylene	12	BQL
o-Xylene	5.9	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	50.1	100
1,2-Dichloroethane-d4	50	55.0	110
Toluene-d8	50	49.5	99

Comments:

All results are corrected for dilution.

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-28-25
Client Project ID: Progress Energy
Lab Sample ID: 39160
Lab Project ID: G122-1698
Matrix: Soil %Solids: 85.3

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/19/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	370	BQL
Acenaphthylene	370	BQL
Anthracene	370	BQL
Benzo[a]anthracene	370	BQL
Benzo[a]pyrene	370	BQL
Benzo[b]fluoranthene	370	BQL
Benzo[g,h,i]perylene	370	BQL
Benzo[k]fluoranthene	370	BQL
Benzoic Acid	740	BQL
Bis(2-chloroethoxy)methane	370	BQL
Bis(2-chloroethyl)ether	370	BQL
Bis(2-chloroisopropyl)ether	370	BQL
Bis(2-ethylhexyl)phthalate	370	BQL
4-bromophenyl phenyl ether	370	BQL
Butylbenzylphthalate	370	BQL
4-Chloroaniline	370	BQL
4-Chloro-3-methylphenol	370	BQL
2-Chloronaphthalene	370	BQL
2-Chlorophenol	370	BQL
4-Chlorophenyl phenyl ether	370	BQL
Chrysene	370	BQL
Di-n-Butylphthalate	370	BQL
Di-n-octylphthalate	370	BQL
Dibenzo[a,h]anthracene	370	BQL
Dibenzofuran	370	BQL
1,2-Dichlorobenzene	370	BQL
1,3-Dichlorobenzene	370	BQL
1,4-Dichlorobenzene	370	BQL
3,3'-Dichlorobenzidine	740	BQL
2,4-Dichlorophenol	370	BQL
Diethylphthalate	370	BQL
2,4-Dimethylphenol	370	BQL
Dimethylphthalate	370	BQL
4,6-Dinitro-2-methylphenol	1900	BQL
2,4-Dinitrophenol	1900	BQL
2,4-Dinitrotoluene	370	BQL
2,6-Dinitrotoluene	370	BQL
Fluoranthene	370	BQL
Fluorene	370	BQL
Hexachlorobenzene	370	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-28-25
Client Project ID: Progress Energy
Lab Sample ID: 39160
Lab Project ID: G122-1698
Matrix: Soil %Solids: 85.3

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/19/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	370	BQL
Hexachlorocyclopentadiene	740	BQL
Hexachloroethane	370	BQL
Indeno(1,2,3-c,d)pyrene	370	BQL
Isophorone	370	BQL
2-Methylnaphthalene	370	BQL
2-Methylphenol	370	BQL
3- & 4-Methylphenol	370	BQL
N-Nitrosodi-n-propylamine	370	BQL
N-Nitrosodiphenylamine	370	BQL
Naphthalene	370	BQL
2-Nitroaniline	370	BQL
3-Nitroaniline	370	BQL
4-Nitroaniline	370	BQL
Nitrobenzene	370	BQL
2-Nitrophenol	370	BQL
4-Nitrophenol	1900	BQL
Pentachlorophenol	1900	BQL
Phenanthrene	370	BQL
Phenol	370	BQL
Pyrene	370	BQL
1,2,4-Trichlorobenzene	370	BQL
2,4,5-Trichlorophenol	370	BQL
2,4,6-Trichlorophenol	370	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	12.8	128
2-Fluorophenol	10	7.5	75
Nitrobenzene-d5	10	11.2	112
Phenol-d6	10	8.5	85
2,4,6-Tribromophenol	10	8.0	80
4-Terphenyl-d14	10	12.2	122

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-28-25	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/6/02
Lab Sample ID:	39160	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	85.27

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.13	1	MG/KG	6010B	3/18/02
Barium	**393**	11.3	1	MG/KG	6010B	3/18/02
Cadmium	**2.12**	1.13	1	MG/KG	6010B	3/18/02
Chromium	**175**	1.13	1	MG/KG	6010B	3/18/02
Lead	**10.7**	1.13	1	MG/KG	6010B	3/18/02
Mercury	BQL	0.0221	1	MG/KG	7471	3/18/02
Selenium	**6.72**	1.13	1	MG/KG	6010B	3/18/02
Silver	BQL	1.13	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-29-5
Client Project ID: Progress Energy
Lab Sample ID: 39169
Lab Project ID: G122-1698
Matrix: Soil %Solids: 74.8

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/7/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	67	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.7	BQL
Bromobenzene	6.7	BQL
Bromochloromethane	6.7	BQL
Bromodichloromethane	6.7	BQL
Bromoform	6.7	BQL
Bromomethane	6.7	BQL
2-Butanone	33	BQL
n-Butylbenzene	6.7	BQL
sec-Butylbenzene	6.7	BQL
tert-Butylbenzene	6.7	BQL
Carbon disulfide	6.7	BQL
Carbon tetrachloride	6.7	BQL
Chlorobenzene	6.7	BQL
Chloroethane	6.7	BQL
2-Chloroethyl vinyl ether	6.7	BQL
Chloroform	6.7	BQL
Chloromethane	6.7	BQL
2-Chlorotoluene	6.7	BQL
4-Chlorotoluene	6.7	BQL
Dibromochloromethane	6.7	BQL
1,2-Dibromo-3-chloropropane	6.7	BQL
Dibromomethane	6.7	BQL
1,2-Dibromoethane (EDB)	6.7	BQL
1,2-Dichlorobenzene	6.7	BQL
1,3-Dichlorobenzene	6.7	BQL
1,4-Dichlorobenzene	6.7	BQL
trans-1,4-Dichloro-2-butene	6.7	BQL
1,1-Dichloroethane	6.7	BQL
1,1-Dichloroethene	6.7	BQL
1,2-Dichloroethane	6.7	BQL
cis-1,2-Dichloroethene	6.7	BQL
trans-1,2-dichloroethene	6.7	BQL
1,2-Dichloropropane	6.7	BQL
1,3-Dichloropropane	6.7	BQL
2,2-Dichloropropane	6.7	BQL
1,1-Dichloropropene	6.7	BQL
cis-1,3-Dichloropropene	6.7	BQL
trans-1,3-Dichloropropene	6.7	BQL
Dichlorodifluoromethane	6.7	BQL
Diisopropyl ether (DIPE)	6.7	BQL
Ethylbenzene	6.7	BQL
Hexachlorobutadiene	6.7	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-29-5
Client Project ID: Progress Energy
Lab Sample ID: 39169
Lab Project ID: G122-1698
Matrix: Soil %Solids: 74.8

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/7/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.7	BQL
Iodomethane	6.7	BQL
Isopropylbenzene	6.7	BQL
4-Isopropyltoluene	6.7	BQL
Methylene chloride	27	BQL
4-Methyl-2-pentanone	6.7	BQL
Methyl-tert-butyl ether (MTBE)	6.7	BQL
Naphthalene	6.7	BQL
n-Propyl benzene	6.7	BQL
Styrene	6.7	BQL
1,1,1,2-Tetrachloroethane	6.7	BQL
1,1,2,2-Tetrachloroethane	6.7	BQL
Tetrachloroethene	6.7	BQL
Toluene	6.7	BQL
1,2,3-Trichlorobenzene	6.7	BQL
1,2,4-Trichlorobenzene	6.7	BQL
Trichloroethene	6.7	BQL
1,1,1-Trichloroethane	6.7	BQL
1,1,2-Trichloroethane	6.7	BQL
Trichlorofluoromethane	6.7	BQL
1,2,3-Trichloropropane	6.7	BQL
1,2,4-Trimethylbenzene	6.7	BQL
1,3,5-Trimethylbenzene	6.7	BQL
Vinyl chloride	6.7	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.7	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	49.4	99
1,2-Dichloroethane-d4	50	55.0	110
Toluene-d8	50	48.9	98

Comments:

All results are corrected for dilution.

Reviewed by: MN

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-29-5
Client Project ID: Progress Energy
Lab Sample ID: 39169
Lab Project ID: G122-1698
Matrix: Soil %Solids: 74.8

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	430	BQL
Acenaphthylene	430	BQL
Anthracene	430	BQL
Benzo[a]anthracene	430	BQL
Benzo[a]pyrene	430	BQL
Benzo[b]fluoranthene	430	BQL
Benzo[g,h,i]perylene	430	BQL
Benzo[k]fluoranthene	430	BQL
Benzoic Acid	870	BQL
Bis(2-chloroethoxy)methane	430	BQL
Bis(2-chloroethyl)ether	430	BQL
Bis(2-chloroisopropyl)ether	430	BQL
Bis(2-ethylhexyl)phthalate	430	BQL
4-bromophenyl phenyl ether	430	BQL
Butylbenzylphthalate	430	BQL
4-Chloroaniline	430	BQL
4-Chloro-3-methylphenol	430	BQL
2-Chloronaphthalene	430	BQL
2-Chlorophenol	430	BQL
4-Chlorophenyl phenyl ether	430	BQL
Chrysene	430	BQL
Di-n-Butylphthalate	430	BQL
Di-n-octylphthalate	430	BQL
Dibenzo[a,h]anthracene	430	BQL
Dibenzofuran	430	BQL
1,2-Dichlorobenzene	430	BQL
1,3-Dichlorobenzene	430	BQL
1,4-Dichlorobenzene	430	BQL
3,3'-Dichlorobenzidine	870	BQL
2,4-Dichlorophenol	430	BQL
Diethylphthalate	430	BQL
2,4-Dimethylphenol	430	BQL
Dimethylphthalate	430	BQL
4,6-Dinitro-2-methylphenol	2200	BQL
2,4-Dinitrophenol	2200	BQL
2,4-Dinitrotoluene	430	BQL
2,6-Dinitrotoluene	430	BQL
Fluoranthene	430	BQL
Fluorene	430	BQL
Hexachlorobenzene	430	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-29-5
Client Project ID: Progress Energy
Lab Sample ID: 39169
Lab Project ID: G122-1698
Matrix: Soil %Solids: 74.8

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	430	BQL
Hexachlorocyclopentadiene	870	BQL
Hexachloroethane	430	BQL
Indeno(1,2,3-c,d)pyrene	430	BQL
Isophorone	430	BQL
2-Methylnaphthalene	430	BQL
2-Methylphenol	430	BQL
3- & 4-Methylphenol	430	BQL
N-Nitrosodi-n-propylamine	430	BQL
N-Nitrosodiphenylamine	430	BQL
Naphthalene	430	BQL
2-Nitroaniline	430	BQL
3-Nitroaniline	430	BQL
4-Nitroaniline	430	BQL
Nitrobenzene	430	BQL
2-Nitrophenol	430	BQL
4-Nitrophenol	2200	BQL
Pentachlorophenol	2200	BQL
Phenanthrene	430	BQL
Phenol	430	BQL
Pyrene	430	BQL
1,2,4-Trichlorobenzene	430	BQL
2,4,5-Trichlorophenol	430	BQL
2,4,6-Trichlorophenol	430	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	7.5	75
2-Fluorophenol	10	6.6	66
Nitrobenzene-d5	10	6.8	68
Phenol-d6	10	7.3	73
2,4,6-Tribromophenol	10	5.5	55
4-Terphenyl-d14	10	9.5	95

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-29-5	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/7/02
Lab Sample ID:	39169	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	74.84

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.31	1	MG/KG	6010B	3/18/02
Barium	**57.7**	13.1	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.31	1	MG/KG	6010B	3/18/02
Chromium	**32.5**	1.31	1	MG/KG	6010B	3/18/02
Lead	**21.4**	1.31	1	MG/KG	6010B	3/18/02
Mercury	BQL	0.0243	1	MG/KG	7471	3/18/02
Selenium	BQL	1.31	1	MG/KG	6010B	3/18/02
Silver	BQL	1.31	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-30-20
Client Project ID: Progress Energy
Lab Sample ID: 39176
Lab Project ID: G122-1698
Matrix: Soil %Solids: 80.0

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/8/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	63	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.3	BQL
Bromobenzene	6.3	BQL
Bromochloromethane	6.3	BQL
Bromodichloromethane	6.3	BQL
Bromoform	6.3	BQL
Bromomethane	6.3	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.3	BQL
sec-Butylbenzene	6.3	BQL
tert-Butylbenzene	6.3	BQL
Carbon disulfide	6.3	BQL
Carbon tetrachloride	6.3	BQL
Chlorobenzene	6.3	BQL
Chloroethane	6.3	BQL
2-Chloroethyl vinyl ether	6.3	BQL
Chloroform	6.3	BQL
Chloromethane	6.3	BQL
2-Chlorotoluene	6.3	BQL
4-Chlorotoluene	6.3	BQL
Dibromochloromethane	6.3	BQL
1,2-Dibromo-3-chloropropane	6.3	BQL
Dibromomethane	6.3	BQL
1,2-Dibromoethane (EDB)	6.3	BQL
1,2-Dichlorobenzene	6.3	BQL
1,3-Dichlorobenzene	6.3	BQL
1,4-Dichlorobenzene	6.3	BQL
trans-1,4-Dichloro-2-butene	6.3	BQL
1,1-Dichloroethane	6.3	BQL
1,1-Dichloroethene	6.3	BQL
1,2-Dichloroethane	6.3	BQL
cis-1,2-Dichloroethene	6.3	BQL
trans-1,2-dichloroethene	6.3	BQL
1,2-Dichloropropane	6.3	BQL
1,3-Dichloropropane	6.3	BQL
2,2-Dichloropropane	6.3	BQL
1,1-Dichloropropene	6.3	BQL
cis-1,3-Dichloropropene	6.3	BQL
trans-1,3-Dichloropropene	6.3	BQL
Dichlorodifluoromethane	6.3	BQL
Diisopropyl ether (DIPE)	6.3	BQL
Ethylbenzene	6.3	BQL
Hexachlorobutadiene	6.3	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-30-20
Client Project ID: Progress Energy
Lab Sample ID: 39176
Lab Project ID: G122-1698
Matrix: Soil %Solids: 80.0

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/8/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.3	BQL
Iodomethane	6.3	BQL
Isopropylbenzene	6.3	BQL
4-Isopropyltoluene	6.3	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.3	BQL
Methyl-tert-butyl ether (MTBE)	6.3	BQL
Naphthalene	6.3	BQL
n-Propyl benzene	6.3	BQL
Styrene	6.3	BQL
1,1,1,2-Tetrachloroethane	6.3	BQL
1,1,2,2-Tetrachloroethane	6.3	BQL
Tetrachloroethene	6.3	BQL
Toluene	6.3	BQL
1,2,3-Trichlorobenzene	6.3	BQL
1,2,4-Trichlorobenzene	6.3	BQL
Trichloroethene	6.3	BQL
1,1,1-Trichloroethane	6.3	BQL
1,1,2-Trichloroethane	6.3	BQL
Trichlorofluoromethane	6.3	BQL
1,2,3-Trichloropropane	6.3	BQL
1,2,4-Trimethylbenzene	6.3	BQL
1,3,5-Trimethylbenzene	6.3	BQL
Vinyl chloride	6.3	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.3	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	49.4	99
1,2-Dichloroethane-d4	50	54.2	108
Toluene-d8	50	50.0	100

Comments:

All results are corrected for dilution.

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-30-20
Client Project ID: Progress Energy
Lab Sample ID: 39176
Lab Project ID: G122-1698
Matrix: Soil %Solids: 80.0

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	390	BQL
Acenaphthylene	390	BQL
Anthracene	390	BQL
Benzo[a]anthracene	390	BQL
Benzo[a]pyrene	390	BQL
Benzo[b]fluoranthene	390	BQL
Benzo[g,h,i]perylene	390	BQL
Benzo[k]fluoranthene	390	BQL
Benzoic Acid	780	BQL
Bis(2-chloroethoxy)methane	390	BQL
Bis(2-chloroethyl)ether	390	BQL
Bis(2-chloroisopropyl)ether	390	BQL
Bis(2-ethylhexyl)phthalate	390	BQL
4-bromophenyl phenyl ether	390	BQL
Butylbenzylphthalate	390	BQL
4-Chloroaniline	390	BQL
4-Chloro-3-methylphenol	390	BQL
2-Chloronaphthalene	390	BQL
2-Chlorophenol	390	BQL
4-Chlorophenyl phenyl ether	390	BQL
Chrysene	390	BQL
Di-n-Butylphthalate	390	BQL
Di-n-octylphthalate	390	BQL
Dibenzo[a,h]anthracene	390	BQL
Dibenzofuran	390	BQL
1,2-Dichlorobenzene	390	BQL
1,3-Dichlorobenzene	390	BQL
1,4-Dichlorobenzene	390	BQL
3,3'-Dichlorobenzidine	780	BQL
2,4-Dichlorophenol	390	BQL
Diethylphthalate	390	BQL
2,4-Dimethylphenol	390	BQL
Dimethylphthalate	390	BQL
4,6-Dinitro-2-methylphenol	1900	BQL
2,4-Dinitrophenol	1900	BQL
2,4-Dinitrotoluene	390	BQL
2,6-Dinitrotoluene	390	BQL
Fluoranthene	390	BQL
Fluorene	390	BQL
Hexachlorobenzene	390	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-30-20
Client Project ID: Progress Energy
Lab Sample ID: 39176
Lab Project ID: G122-1698
Matrix: Soil %Solids: 80.0

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	390	BQL
Hexachlorocyclopentadiene	780	BQL
Hexachloroethane	390	BQL
Indeno(1,2,3-c,d)pyrene	390	BQL
Isophorone	390	BQL
2-Methylnaphthalene	390	BQL
2-Methylphenol	390	BQL
3- & 4-Methylphenol	390	BQL
N-Nitrosodi-n-propylamine	390	BQL
N-Nitrosodiphenylamine	390	BQL
Naphthalene	390	BQL
2-Nitroaniline	390	BQL
3-Nitroaniline	390	BQL
4-Nitroaniline	390	BQL
Nitrobenzene	390	BQL
2-Nitrophenol	390	BQL
4-Nitrophenol	1900	BQL
Pentachlorophenol	1900	BQL
Phenanthrene	390	BQL
Phenol	390	BQL
Pyrene	390	BQL
1,2,4-Trichlorobenzene	390	BQL
2,4,5-Trichlorophenol	390	BQL
2,4,6-Trichlorophenol	390	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	7.6	76
2-Fluorophenol	10	3.8	38
Nitrobenzene-d5	10	5.9	59
Phenol-d6	10	4.4	44
2,4,6-Tribromophenol	10	4.3	43
4-Terphenyl-d14	10	7.5	75

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-30-20	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/8/02
Lab Sample ID:	39176	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	79.97

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.10	1	MG/KG	6010B	3/18/02
Barium	**186**	11.0	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.10	1	MG/KG	6010B	3/18/02
Chromium	**19.0**	1.10	1	MG/KG	6010B	3/18/02
Lead	**9.91**	1.10	1	MG/KG	6010B	3/18/02
Mercury	BQL	0.0214	1	MG/KG	7471	3/18/02
Selenium	BQL	1.10	1	MG/KG	6010B	3/18/02
Silver	BQL	1.10	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-31-5
Client Project ID: Progress Energy
Lab Sample ID: 39171
Lab Project ID: G122-1698
Matrix: Soil %Solids: 84.8

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/7/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	59	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	5.9	BQL
Bromobenzene	5.9	BQL
Bromochloromethane	5.9	BQL
Bromodichloromethane	5.9	BQL
Bromoform	5.9	BQL
Bromomethane	5.9	BQL
2-Butanone	29	BQL
n-Butylbenzene	5.9	BQL
sec-Butylbenzene	5.9	BQL
tert-Butylbenzene	5.9	BQL
Carbon disulfide	5.9	BQL
Carbon tetrachloride	5.9	BQL
Chlorobenzene	5.9	BQL
Chloroethane	5.9	BQL
2-Chloroethyl vinyl ether	5.9	BQL
Chloroform	5.9	BQL
Chloromethane	5.9	BQL
2-Chlorotoluene	5.9	BQL
4-Chlorotoluene	5.9	BQL
Dibromochloromethane	5.9	BQL
1,2-Dibromo-3-chloropropane	5.9	BQL
Dibromomethane	5.9	BQL
1,2-Dibromoethane (EDB)	5.9	BQL
1,2-Dichlorobenzene	5.9	BQL
1,3-Dichlorobenzene	5.9	BQL
1,4-Dichlorobenzene	5.9	BQL
trans-1,4-Dichloro-2-butene	5.9	BQL
1,1-Dichloroethane	5.9	BQL
1,1-Dichloroethene	5.9	BQL
1,2-Dichloroethane	5.9	BQL
cis-1,2-Dichloroethene	5.9	BQL
trans-1,2-dichloroethene	5.9	BQL
1,2-Dichloropropane	5.9	BQL
1,3-Dichloropropane	5.9	BQL
2,2-Dichloropropane	5.9	BQL
1,1-Dichloropropene	5.9	BQL
cis-1,3-Dichloropropene	5.9	BQL
trans-1,3-Dichloropropene	5.9	BQL
Dichlorodifluoromethane	5.9	BQL
Diisopropyl ether (DIPE)	5.9	BQL
Ethylbenzene	5.9	BQL
Hexachlorobutadiene	5.9	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-31-5
Client Project ID: Progress Energy
Lab Sample ID: 39171
Lab Project ID: G122-1698
Matrix: Soil %Solids: 84.8

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/7/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.9	BQL
Iodomethane	5.9	BQL
Isopropylbenzene	5.9	BQL
4-Isopropyltoluene	5.9	BQL
Methylene chloride	24	BQL
4-Methyl-2-pentanone	5.9	BQL
Methyl-tert-butyl ether (MTBE)	5.9	BQL
Naphthalene	5.9	see 125:1 run
n-Propyl benzene	5.9	BQL
Styrene	5.9	BQL
1,1,1,2-Tetrachloroethane	5.9	BQL
1,1,2,2-Tetrachloroethane	5.9	BQL
Tetrachloroethene	5.9	BQL
Toluene	5.9	BQL
1,2,3-Trichlorobenzene	5.9	BQL
1,2,4-Trichlorobenzene	5.9	BQL
Trichloroethene	5.9	BQL
1,1,1-Trichloroethane	5.9	BQL
1,1,2-Trichloroethane	5.9	BQL
Trichlorofluoromethane	5.9	BQL
1,2,3-Trichloropropane	5.9	BQL
1,2,4-Trimethylbenzene	5.9	BQL
1,3,5-Trimethylbenzene	5.9	BQL
Vinyl chloride	5.9	BQL
m-,p-Xylene	12	BQL
o-Xylene	5.9	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	46.7	93
1,2-Dichloroethane-d4	50	57.3	115
Toluene-d8	50	50.9	102

Comments:

All results are corrected for dilution.

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-31-5	Date Analyzed:	3/19/02
Client Project ID:	Progress Energy	Analyzed By:	EKR
Lab Sample ID:	39171	Date Collected:	3/7/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 84.8	Dilution:	125

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Naphthalene	150	**2000**

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	10	10.2	102
1,2-Dichloroethane-d4	10	9.8	98
Toluene-d8	10	10.2	102

Comments:

All results are corrected for dilution.

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-31-5
Client Project ID: Progress Energy
Lab Sample ID: 39171
Lab Project ID: G122-1698
Matrix: Soil %Solids: 84.8

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	360	3000
Acenaphthylene	360	BQL
Anthracene	360	3600
Benzo[a]anthracene	360	4300
Benzo[a]pyrene	360	3700
Benzo[b]fluoranthene	360	4600
Benzo[g,h,i]perylene	360	2400
Benzo[k]fluoranthene	360	1500
Benzoic Acid	720	BQL
Bis(2-chloroethoxy)methane	360	BQL
Bis(2-chloroethyl)ether	360	BQL
Bis(2-chloroisopropyl)ether	360	BQL
Bis(2-ethylhexyl)phthalate	360	BQL
4-bromophenyl phenyl ether	360	BQL
Butylbenzylphthalate	360	BQL
4-Chloroaniline	360	BQL
4-Chloro-3-methylphenol	360	BQL
2-Chloronaphthalene	360	BQL
2-Chlorophenol	360	BQL
4-Chlorophenyl phenyl ether	360	BQL
Chrysene	360	4700
Di-n-Butylphthalate	360	BQL
Di-n-octylphthalate	360	BQL
Dibenzo[a,h]anthracene	360	720
Dibenzofuran	360	2000
1,2-Dichlorobenzene	360	BQL
1,3-Dichlorobenzene	360	BQL
1,4-Dichlorobenzene	360	BQL
3,3'-Dichlorobenzidine	720	BQL
2,4-Dichlorophenol	360	BQL
Diethylphthalate	360	BQL
2,4-Dimethylphenol	360	BQL
Dimethylphthalate	360	BQL
4,6-Dinitro-2-methylphenol	1800	BQL
2,4-Dinitrophenol	1800	BQL
2,4-Dinitrotoluene	360	BQL
2,6-Dinitrotoluene	360	BQL
Fluoranthene	360	12000
Fluorene	360	2500
Hexachlorobenzene	360	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-31-5
Client Project ID: Progress Energy
Lab Sample ID: 39171
Lab Project ID: G122-1698
Matrix: Soil %Solids: 84.8

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	360	BQL
Hexachlorocyclopentadiene	720	BQL
Hexachloroethane	360	BQL
Indeno(1,2,3-c,d)pyrene	360	**2600**
Isophorone	360	BQL
2-Methylnaphthalene	360	**940**
2-Methylphenol	360	BQL
3- & 4-Methylphenol	360	BQL
N-Nitrosodi-n-propylamine	360	BQL
N-Nitrosodiphenylamine	360	BQL
Naphthalene	360	**3300**
2-Nitroaniline	360	BQL
3-Nitroaniline	360	BQL
4-Nitroaniline	360	BQL
Nitrobenzene	360	BQL
2-Nitrophenol	360	BQL
4-Nitrophenol	1800	BQL
Pentachlorophenol	1800	BQL
Phenanthrene	360	**16000**
Phenol	360	BQL
Pyrene	360	**10000**
1,2,4-Trichlorobenzene	360	BQL
2,4,5-Trichlorophenol	360	BQL
2,4,6-Trichlorophenol	360	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.5	85
2-Fluorophenol	10	6.2	62
Nitrobenzene-d5	10	6.8	68
Phenol-d6	10	6.6	66
2,4,6-Tribromophenol	10	4.7	47
4-Terphenyl-d14	10	8.0	80

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-31-5	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/7/02
Lab Sample ID:	39171	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	84.78

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	**3.41**	1.03	1	MG/KG	6010B	3/18/02
Barium	**127**	10.3	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.03	1	MG/KG	6010B	3/18/02
Chromium	**9.25**	1.03	1	MG/KG	6010B	3/18/02
Lead	**41.2**	1.03	1	MG/KG	6010B	3/18/02
Mercury	**0.275**	0.0214	1	MG/KG	7471	3/18/02
Selenium	BQL	1.03	1	MG/KG	6010B	3/18/02
Silver	BQL	1.03	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-32-5
Client Project ID: Progress Energy
Lab Sample ID: 39172
Lab Project ID: G122-1698
Matrix: Soil %Solids: 79.9

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/7/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	63	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.3	BQL
Bromobenzene	6.3	BQL
Bromochloromethane	6.3	BQL
Bromodichloromethane	6.3	BQL
Bromoform	6.3	BQL
Bromomethane	6.3	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.3	BQL
sec-Butylbenzene	6.3	BQL
tert-Butylbenzene	6.3	BQL
Carbon disulfide	6.3	BQL
Carbon tetrachloride	6.3	BQL
Chlorobenzene	6.3	BQL
Chloroethane	6.3	BQL
2-Chloroethyl vinyl ether	6.3	BQL
Chloroform	6.3	BQL
Chloromethane	6.3	BQL
2-Chlorotoluene	6.3	BQL
4-Chlorotoluene	6.3	BQL
Dibromochloromethane	6.3	BQL
1,2-Dibromo-3-chloropropane	6.3	BQL
Dibromomethane	6.3	BQL
1,2-Dibromoethane (EDB)	6.3	BQL
1,2-Dichlorobenzene	6.3	BQL
1,3-Dichlorobenzene	6.3	BQL
1,4-Dichlorobenzene	6.3	BQL
trans-1,4-Dichloro-2-butene	6.3	BQL
1,1-Dichloroethane	6.3	BQL
1,1-Dichloroethene	6.3	BQL
1,2-Dichloroethane	6.3	BQL
cis-1,2-Dichloroethene	6.3	BQL
trans-1,2-dichloroethene	6.3	BQL
1,2-Dichloropropane	6.3	BQL
1,3-Dichloropropane	6.3	BQL
2,2-Dichloropropane	6.3	BQL
1,1-Dichloropropene	6.3	BQL
cis-1,3-Dichloropropene	6.3	BQL
trans-1,3-Dichloropropene	6.3	BQL
Dichlorodifluoromethane	6.3	BQL
Diisopropyl ether (DIPE)	6.3	BQL
Ethylbenzene	6.3	BQL
Hexachlorobutadiene	6.3	BQL

Reviewed by: RN

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-32-5	Date Analyzed:	3/16/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39172	Date Collected:	3/7/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 79.9	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.3	BQL
Iodomethane	6.3	BQL
Isopropylbenzene	6.3	BQL
4-Isopropyltoluene	6.3	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.3	BQL
Methyl-tert-butyl ether (MTBE)	6.3	BQL
Naphthalene	6.3	BQL
n-Propyl benzene	6.3	BQL
Styrene	6.3	BQL
1,1,1,2-Tetrachloroethane	6.3	BQL
1,1,2,2-Tetrachloroethane	6.3	BQL
Tetrachloroethene	6.3	BQL
Toluene	6.3	BQL
1,2,3-Trichlorobenzene	6.3	BQL
1,2,4-Trichlorobenzene	6.3	BQL
Trichloroethene	6.3	BQL
1,1,1-Trichloroethane	6.3	BQL
1,1,2-Trichloroethane	6.3	BQL
Trichlorofluoromethane	6.3	BQL
1,2,3-Trichloropropane	6.3	BQL
1,2,4-Trimethylbenzene	6.3	BQL
1,3,5-Trimethylbenzene	6.3	BQL
Vinyl chloride	6.3	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.3	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	50.9	102
1,2-Dichloroethane-d4	50	55.2	110
Toluene-d8	50	50.3	101

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-32-5
Client Project ID: Progress Energy
Lab Sample ID: 39172
Lab Project ID: G122-1698
Matrix: Soil %Solids: 79.9

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	380	BQL
Acenaphthylene	380	BQL
Anthracene	380	BQL
Benzo[a]anthracene	380	BQL
Benzo[a]pyrene	380	BQL
Benzo[b]fluoranthene	380	BQL
Benzo[g,h,i]perylene	380	BQL
Benzo[k]fluoranthene	380	BQL
Benzoic Acid	770	BQL
Bis(2-chloroethoxy)methane	380	BQL
Bis(2-chloroethyl)ether	380	BQL
Bis(2-chloroisopropyl)ether	380	BQL
Bis(2-ethylhexyl)phthalate	380	BQL
4-bromophenyl phenyl ether	380	BQL
Butylbenzylphthalate	380	BQL
4-Chloroaniline	380	BQL
4-Chloro-3-methylphenol	380	BQL
2-Chloronaphthalene	380	BQL
2-Chlorophenol	380	BQL
4-Chlorophenyl phenyl ether	380	BQL
Chrysene	380	BQL
Di-n-Butylphthalate	380	BQL
Di-n-octylphthalate	380	BQL
Dibenzo[a,h]anthracene	380	BQL
Dibenzofuran	380	BQL
1,2-Dichlorobenzene	380	BQL
1,3-Dichlorobenzene	380	BQL
1,4-Dichlorobenzene	380	BQL
3,3'-Dichlorobenzidine	770	BQL
2,4-Dichlorophenol	380	BQL
Diethylphthalate	380	BQL
2,4-Dimethylphenol	380	BQL
Dimethylphthalate	380	BQL
4,6-Dinitro-2-methylphenol	1900	BQL
2,4-Dinitrophenol	1900	BQL
2,4-Dinitrotoluene	380	BQL
2,6-Dinitrotoluene	380	BQL
Fluoranthene	380	BQL
Fluorene	380	BQL
Hexachlorobenzene	380	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-32-5
Client Project ID: Progress Energy
Lab Sample ID: 39172
Lab Project ID: G122-1698
Matrix: Soil %Solids: 79.9

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	380	BQL
Hexachlorocyclopentadiene	770	BQL
Hexachloroethane	380	BQL
Indeno(1,2,3-c,d)pyrene	380	BQL
Isophorone	380	BQL
2-Methylnaphthalene	380	BQL
2-Methylphenol	380	BQL
3- & 4-Methylphenol	380	BQL
N-Nitrosodi-n-propylamine	380	BQL
N-Nitrosodiphenylamine	380	BQL
Naphthalene	380	BQL
2-Nitroaniline	380	BQL
3-Nitroaniline	380	BQL
4-Nitroaniline	380	BQL
Nitrobenzene	380	BQL
2-Nitrophenol	380	BQL
4-Nitrophenol	1900	BQL
Pentachlorophenol	1900	BQL
Phenanthrene	380	BQL
Phenol	380	BQL
Pyrene	380	BQL
1,2,4-Trichlorobenzene	380	BQL
2,4,5-Trichlorophenol	380	BQL
2,4,6-Trichlorophenol	380	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.2	112
2-Fluorophenol	10	7.5	75
Nitrobenzene-d5	10	8.9	89
Phenol-d6	10	8.7	87
2,4,6-Tribromophenol	10	7.6	76
4-Terphenyl-d14	10	12.3	123

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.
Results for Metals

Client Sample ID:	GP-32-5	Analyzed By:	PSW
Client Project ID:	Progress Energy	Date Collected:	3/7/02
Lab Sample ID:	39172	Date Received:	3/9/02
Lab Project ID:	G122-1698	Matrix:	Soil
Batch ID:	2247 2249	Solids	79.89

Metals	Result	Quantitation Limit	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.16	1	MG/KG	6010B	3/18/02
Barium	**62.3**	11.6	1	MG/KG	6010B	3/18/02
Cadmium	BQL	1.16	1	MG/KG	6010B	3/18/02
Chromium	**91.3**	1.16	1	MG/KG	6010B	3/18/02
Lead	**19.4**	1.16	1	MG/KG	6010B	3/18/02
Mercury	BQL	0.0228	1	MG/KG	7471	3/18/02
Selenium	BQL	1.16	1	MG/KG	6010B	3/18/02
Silver	BQL	1.16	1	MG/KG	6010B	3/18/02

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-33-25
Client Project ID: Progress Energy
Lab Sample ID: 39182
Lab Project ID: G122-1698
Matrix: Soil %Solids: 77.7

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/7/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	64	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.4	BQL
Bromobenzene	6.4	BQL
Bromochloromethane	6.4	BQL
Bromodichloromethane	6.4	BQL
Bromoform	6.4	BQL
Bromomethane	6.4	BQL
2-Butanone	32	BQL
n-Butylbenzene	6.4	BQL
sec-Butylbenzene	6.4	BQL
tert-Butylbenzene	6.4	BQL
Carbon disulfide	6.4	BQL
Carbon tetrachloride	6.4	BQL
Chlorobenzene	6.4	BQL
Chloroethane	6.4	BQL
2-Chloroethyl vinyl ether	6.4	BQL
Chloroform	6.4	BQL
Chloromethane	6.4	BQL
2-Chlorotoluene	6.4	BQL
4-Chlorotoluene	6.4	BQL
Dibromochloromethane	6.4	BQL
1,2-Dibromo-3-chloropropane	6.4	BQL
Dibromomethane	6.4	BQL
1,2-Dibromoethane (EDB)	6.4	BQL
1,2-Dichlorobenzene	6.4	BQL
1,3-Dichlorobenzene	6.4	BQL
1,4-Dichlorobenzene	6.4	BQL
trans-1,4-Dichloro-2-butene	6.4	BQL
1,1-Dichloroethane	6.4	BQL
1,1-Dichloroethene	6.4	BQL
1,2-Dichloroethane	6.4	BQL
cis-1,2-Dichloroethene	6.4	BQL
trans-1,2-dichloroethene	6.4	BQL
1,2-Dichloropropane	6.4	BQL
1,3-Dichloropropane	6.4	BQL
2,2-Dichloropropane	6.4	BQL
1,1-Dichloropropene	6.4	BQL
cis-1,3-Dichloropropene	6.4	BQL
trans-1,3-Dichloropropene	6.4	BQL
Dichlorodifluoromethane	6.4	BQL
Diisopropyl ether (DIPE)	6.4	BQL
Ethylbenzene	6.4	BQL
Hexachlorobutadiene	6.4	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-33-25	Date Analyzed:	3/16/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39182	Date Collected:	3/7/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 77.7	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.4	BQL
Iodomethane	6.4	BQL
Isopropylbenzene	6.4	BQL
4-Isopropyltoluene	6.4	BQL
Methylene chloride	26	BQL
4-Methyl-2-pentanone	6.4	BQL
Methyl-tert-butyl ether (MTBE)	6.4	BQL
Naphthalene	6.4	BQL
n-Propyl benzene	6.4	BQL
Styrene	6.4	BQL
1,1,1,2-Tetrachloroethane	6.4	BQL
1,1,2,2-Tetrachloroethane	6.4	BQL
Tetrachloroethene	6.4	BQL
Toluene	6.4	BQL
1,2,3-Trichlorobenzene	6.4	BQL
1,2,4-Trichlorobenzene	6.4	BQL
Trichloroethene	6.4	BQL
1,1,1-Trichloroethane	6.4	BQL
1,1,2-Trichloroethane	6.4	BQL
Trichlorofluoromethane	6.4	BQL
1,2,3-Trichloropropane	6.4	BQL
1,2,4-Trimethylbenzene	6.4	BQL
1,3,5-Trimethylbenzene	6.4	BQL
Vinyl chloride	6.4	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.4	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	44.8	90
1,2-Dichloroethane-d4	50	57.9	116
Toluene-d8	50	50.6	101

Comments:

All results are corrected for dilution.

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-33-25
Client Project ID: Progress Energy
Lab Sample ID: 39182
Lab Project ID: G122-1698
Matrix: Soil %Solids: 77.7

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	400	BQL
Acenaphthylene	400	BQL
Anthracene	400	BQL
Benzo[a]anthracene	400	BQL
Benzo[a]pyrene	400	BQL
Benzo[b]fluoranthene	400	BQL
Benzo[g,h,i]perylene	400	BQL
Benzo[k]fluoranthene	400	BQL
Benzoic Acid	810	BQL
Bis(2-chloroethoxy)methane	400	BQL
Bis(2-chloroethyl)ether	400	BQL
Bis(2-chloroisopropyl)ether	400	BQL
Bis(2-ethylhexyl)phthalate	400	BQL
4-bromophenyl phenyl ether	400	BQL
Butylbenzylphthalate	400	BQL
4-Chloroaniline	400	BQL
4-Chloro-3-methylphenol	400	BQL
2-Chloronaphthalene	400	BQL
2-Chlorophenol	400	BQL
4-Chlorophenyl phenyl ether	400	BQL
Chrysene	400	BQL
Di-n-Butylphthalate	400	BQL
Di-n-octylphthalate	400	BQL
Dibenzo[a,h]anthracene	400	BQL
Dibenzofuran	400	BQL
1,2-Dichlorobenzene	400	BQL
1,3-Dichlorobenzene	400	BQL
1,4-Dichlorobenzene	400	BQL
3,3'-Dichlorobenzidine	810	BQL
2,4-Dichlorophenol	400	BQL
Diethylphthalate	400	BQL
2,4-Dimethylphenol	400	BQL
Dimethylphthalate	400	BQL
4,6-Dinitro-2-methylphenol	2000	BQL
2,4-Dinitrophenol	2000	BQL
2,4-Dinitrotoluene	400	BQL
2,6-Dinitrotoluene	400	BQL
Fluoranthene	400	BQL
Fluorene	400	BQL
Hexachlorobenzene	400	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-33-25
Client Project ID: Progress Energy
Lab Sample ID: 39182
Lab Project ID: G122-1698
Matrix: Soil %Solids: 77.7

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	400	BQL
Hexachlorocyclopentadiene	810	BQL
Hexachloroethane	400	BQL
Indeno(1,2,3-c,d)pyrene	400	BQL
Isophorone	400	BQL
2-Methylnaphthalene	400	BQL
2-Methylphenol	400	BQL
3- & 4-Methylphenol	400	BQL
N-Nitrosodi-n-propylamine	400	BQL
N-Nitrosodiphenylamine	400	BQL
Naphthalene	400	BQL
2-Nitroaniline	400	BQL
3-Nitroaniline	400	BQL
4-Nitroaniline	400	BQL
Nitrobenzene	400	BQL
2-Nitrophenol	400	BQL
4-Nitrophenol	2000	BQL
Pentachlorophenol	2000	BQL
Phenanthrene	400	BQL
Phenol	400	BQL
Pyrene	400	BQL
1,2,4-Trichlorobenzene	400	BQL
2,4,5-Trichlorophenol	400	BQL
2,4,6-Trichlorophenol	400	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.5	95
2-Fluorophenol	10	5.4	54
Nitrobenzene-d5	10	7.7	77
Phenol-d6	10	6.6	66
2,4,6-Tribromophenol	10	5.9	59
4-Terphenyl-d14	10	9.6	96

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-34-25
Client Project ID: Progress Energy
Lab Sample ID: 39159
Lab Project ID: G122-1698
Matrix: Soil %Solids: 86.1

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/6/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	58	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	5.8	BQL
Bromobenzene	5.8	BQL
Bromochloromethane	5.8	BQL
Bromodichloromethane	5.8	BQL
Bromoform	5.8	BQL
Bromomethane	5.8	BQL
2-Butanone	29	BQL
n-Butylbenzene	5.8	BQL
sec-Butylbenzene	5.8	BQL
tert-Butylbenzene	5.8	BQL
Carbon disulfide	5.8	BQL
Carbon tetrachloride	5.8	BQL
Chlorobenzene	5.8	BQL
Chloroethane	5.8	BQL
2-Chloroethyl vinyl ether	5.8	BQL
Chloroform	5.8	BQL
Chloromethane	5.8	BQL
2-Chlorotoluene	5.8	BQL
4-Chlorotoluene	5.8	BQL
Dibromochloromethane	5.8	BQL
1,2-Dibromo-3-chloropropane	5.8	BQL
Dibromomethane	5.8	BQL
1,2-Dibromoethane (EDB)	5.8	BQL
1,2-Dichlorobenzene	5.8	BQL
1,3-Dichlorobenzene	5.8	BQL
1,4-Dichlorobenzene	5.8	BQL
trans-1,4-Dichloro-2-butene	5.8	BQL
1,1-Dichloroethane	5.8	BQL
1,1-Dichloroethene	5.8	BQL
1,2-Dichloroethane	5.8	BQL
cis-1,2-Dichloroethene	5.8	BQL
trans-1,2-dichloroethene	5.8	BQL
1,2-Dichloropropane	5.8	BQL
1,3-Dichloropropane	5.8	BQL
2,2-Dichloropropane	5.8	BQL
1,1-Dichloropropene	5.8	BQL
cis-1,3-Dichloropropene	5.8	BQL
trans-1,3-Dichloropropene	5.8	BQL
Dichlorodifluoromethane	5.8	BQL
Diisopropyl ether (DIPE)	5.8	BQL
Ethylbenzene	5.8	BQL
Hexachlorobutadiene	5.8	BQL

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-34-25	Date Analyzed:	3/16/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39159	Date Collected:	3/6/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 86.1	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.8	BQL
Iodomethane	5.8	BQL
Isopropylbenzene	5.8	BQL
4-Isopropyltoluene	5.8	BQL
Methylene chloride	23	BQL
4-Methyl-2-pentanone	5.8	BQL
Methyl-tert-butyl ether (MTBE)	5.8	BQL
Naphthalene	5.8	BQL
n-Propyl benzene	5.8	BQL
Styrene	5.8	BQL
1,1,1,2-Tetrachloroethane	5.8	BQL
1,1,2,2-Tetrachloroethane	5.8	BQL
Tetrachloroethene	5.8	BQL
Toluene	5.8	BQL
1,2,3-Trichlorobenzene	5.8	BQL
1,2,4-Trichlorobenzene	5.8	BQL
Trichloroethene	5.8	BQL
1,1,1-Trichloroethane	5.8	BQL
1,1,2-Trichloroethane	5.8	BQL
Trichlorofluoromethane	5.8	BQL
1,2,3-Trichloropropane	5.8	BQL
1,2,4-Trimethylbenzene	5.8	BQL
1,3,5-Trimethylbenzene	5.8	BQL
Vinyl chloride	5.8	BQL
m-,p-Xylene	12	BQL
o-Xylene	5.8	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.5	97
1,2-Dichloroethane-d4	50	54.2	108
Toluene-d8	50	50.4	101

Comments:

All results are corrected for dilution.

Reviewed by: AN

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-34-25
Client Project ID: Progress Energy
Lab Sample ID: 39159
Lab Project ID: G122-1698
Matrix: Soil %Solids: 86.1

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	360	BQL
Acenaphthylene	360	BQL
Anthracene	360	BQL
Benzo[a]anthracene	360	BQL
Benzo[a]pyrene	360	BQL
Benzo[b]fluoranthene	360	BQL
Benzo[g,h,i]perylene	360	BQL
Benzo[k]fluoranthene	360	BQL
Benzoic Acid	710	BQL
Bis(2-chloroethoxy)methane	360	BQL
Bis(2-chloroethyl)ether	360	BQL
Bis(2-chloroisopropyl)ether	360	BQL
Bis(2-ethylhexyl)phthalate	360	BQL
4-bromophenyl phenyl ether	360	BQL
Butylbenzylphthalate	360	BQL
4-Chloroaniline	360	BQL
4-Chloro-3-methylphenol	360	BQL
2-Chloronaphthalene	360	BQL
2-Chlorophenol	360	BQL
4-Chlorophenyl phenyl ether	360	BQL
Chrysene	360	BQL
Di-n-Butylphthalate	360	BQL
Di-n-octylphthalate	360	BQL
Dibenzo[a,h]anthracene	360	BQL
Dibenzofuran	360	BQL
1,2-Dichlorobenzene	360	BQL
1,3-Dichlorobenzene	360	BQL
1,4-Dichlorobenzene	360	BQL
3,3'-Dichlorobenzidine	710	BQL
2,4-Dichlorophenol	360	BQL
Diethylphthalate	360	BQL
2,4-Dimethylphenol	360	BQL
Dimethylphthalate	360	BQL
4,6-Dinitro-2-methylphenol	1800	BQL
2,4-Dinitrophenol	1800	BQL
2,4-Dinitrotoluene	360	BQL
2,6-Dinitrotoluene	360	BQL
Fluoranthene	360	BQL
Fluorene	360	BQL
Hexachlorobenzene	360	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-34-25
Client Project ID: Progress Energy
Lab Sample ID: 39159
Lab Project ID: G122-1698
Matrix: Soil %Solids: 86.1

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	360	BQL
Hexachlorocyclopentadiene	710	BQL
Hexachloroethane	360	BQL
Indeno(1,2,3-c,d)pyrene	360	BQL
Isophorone	360	BQL
2-Methylnaphthalene	360	BQL
2-Methylphenol	360	BQL
3- & 4-Methylphenol	360	BQL
N-Nitrosodi-n-propylamine	360	BQL
N-Nitrosodiphenylamine	360	BQL
Naphthalene	360	BQL
2-Nitroaniline	360	BQL
3-Nitroaniline	360	BQL
4-Nitroaniline	360	BQL
Nitrobenzene	360	BQL
2-Nitrophenol	360	BQL
4-Nitrophenol	1800	BQL
Pentachlorophenol	1800	BQL
Phenanthrene	360	BQL
Phenol	360	BQL
Pyrene	360	BQL
1,2,4-Trichlorobenzene	360	BQL
2,4,5-Trichlorophenol	360	BQL
2,4,6-Trichlorophenol	360	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.0	90
2-Fluorophenol	10	5.4	54
Nitrobenzene-d5	10	7.4	74
Phenol-d6	10	7.4	74
2,4,6-Tribromophenol	10	5.9	59
4-Terphenyl-d14	10	9.4	94

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-35-25
Client Project ID: Progress Energy
Lab Sample ID: 39174
Lab Project ID: G122-1698
Matrix: Soil %Solids: 81.0

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/8/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	62	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	6.2	BQL
Bromobenzene	6.2	BQL
Bromochloromethane	6.2	BQL
Bromodichloromethane	6.2	BQL
Bromoform	6.2	BQL
Bromomethane	6.2	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.2	BQL
sec-Butylbenzene	6.2	BQL
tert-Butylbenzene	6.2	BQL
Carbon disulfide	6.2	BQL
Carbon tetrachloride	6.2	BQL
Chlorobenzene	6.2	BQL
Chloroethane	6.2	BQL
2-Chloroethyl vinyl ether	6.2	BQL
Chloroform	6.2	BQL
Chloromethane	6.2	BQL
2-Chlorotoluene	6.2	BQL
4-Chlorotoluene	6.2	BQL
Dibromochloromethane	6.2	BQL
1,2-Dibromo-3-chloropropane	6.2	BQL
Dibromomethane	6.2	BQL
1,2-Dibromoethane (EDB)	6.2	BQL
1,2-Dichlorobenzene	6.2	BQL
1,3-Dichlorobenzene	6.2	BQL
1,4-Dichlorobenzene	6.2	BQL
trans-1,4-Dichloro-2-butene	6.2	BQL
1,1-Dichloroethane	6.2	BQL
1,1-Dichloroethene	6.2	BQL
1,2-Dichloroethane	6.2	BQL
cis-1,2-Dichloroethene	6.2	BQL
trans-1,2-dichloroethene	6.2	BQL
1,2-Dichloropropane	6.2	BQL
1,3-Dichloropropane	6.2	BQL
2,2-Dichloropropane	6.2	BQL
1,1-Dichloropropene	6.2	BQL
cis-1,3-Dichloropropene	6.2	BQL
trans-1,3-Dichloropropene	6.2	BQL
Dichlorodifluoromethane	6.2	BQL
Diisopropyl ether (DIPE)	6.2	BQL
Ethylbenzene	6.2	BQL
Hexachlorobutadiene	6.2	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-35-25	Date Analyzed:	3/16/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39174	Date Collected:	3/8/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 81.0	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.2	BQL
Iodomethane	6.2	BQL
Isopropylbenzene	6.2	BQL
4-Isopropyltoluene	6.2	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.2	BQL
Methyl-tert-butyl ether (MTBE)	6.2	BQL
Naphthalene	6.2	BQL
n-Propyl benzene	6.2	BQL
Styrene	6.2	BQL
1,1,1,2-Tetrachloroethane	6.2	BQL
1,1,2,2-Tetrachloroethane	6.2	BQL
Tetrachloroethene	6.2	BQL
Toluene	6.2	BQL
1,2,3-Trichlorobenzene	6.2	BQL
1,2,4-Trichlorobenzene	6.2	BQL
Trichloroethene	6.2	BQL
1,1,1-Trichloroethane	6.2	BQL
1,1,2-Trichloroethane	6.2	BQL
Trichlorofluoromethane	6.2	BQL
1,2,3-Trichloropropane	6.2	BQL
1,2,4-Trimethylbenzene	6.2	BQL
1,3,5-Trimethylbenzene	6.2	BQL
Vinyl chloride	6.2	BQL
m-,p-Xylene	12	BQL
o-Xylene	6.2	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.7	97
1,2-Dichloroethane-d4	50	55.3	111
Toluene-d8	50	50.2	100

Comments:

All results are corrected for dilution.

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-35-25
Client Project ID: Progress Energy
Lab Sample ID: 39174
Lab Project ID: G122-1698
Matrix: Soil %Solids: 81.0

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	370	BQL
Acenaphthylene	370	BQL
Anthracene	370	BQL
Benzo[a]anthracene	370	BQL
Benzo[a]pyrene	370	BQL
Benzo[b]fluoranthene	370	BQL
Benzo[g,h,i]perylene	370	BQL
Benzo[k]fluoranthene	370	BQL
Benzoic Acid	740	BQL
Bis(2-chloroethoxy)methane	370	BQL
Bis(2-chloroethyl)ether	370	BQL
Bis(2-chloroisopropyl)ether	370	BQL
Bis(2-ethylhexyl)phthalate	370	BQL
4-bromophenyl phenyl ether	370	BQL
Butylbenzylphthalate	370	BQL
4-Chloroaniline	370	BQL
4-Chloro-3-methylphenol	370	BQL
2-Chloronaphthalene	370	BQL
2-Chlorophenol	370	BQL
4-Chlorophenyl phenyl ether	370	BQL
Chrysene	370	BQL
Di-n-Butylphthalate	370	BQL
Di-n-octylphthalate	370	BQL
Dibenzo[a,h]anthracene	370	BQL
Dibenzofuran	370	BQL
1,2-Dichlorobenzene	370	BQL
1,3-Dichlorobenzene	370	BQL
1,4-Dichlorobenzene	370	BQL
3,3'-Dichlorobenzidine	740	BQL
2,4-Dichlorophenol	370	BQL
Diethylphthalate	370	BQL
2,4-Dimethylphenol	370	BQL
Dimethylphthalate	370	BQL
4,6-Dinitro-2-methylphenol	1800	BQL
2,4-Dinitrophenol	1800	BQL
2,4-Dinitrotoluene	370	BQL
2,6-Dinitrotoluene	370	BQL
Fluoranthene	370	BQL
Fluorene	370	BQL
Hexachlorobenzene	370	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-35-25
Client Project ID: Progress Energy
Lab Sample ID: 39174
Lab Project ID: G122-1698
Matrix: Soil %Solids: 81.0

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	370	BQL
Hexachlorocyclopentadiene	740	BQL
Hexachloroethane	370	BQL
Indeno(1,2,3-c,d)pyrene	370	BQL
Isophorone	370	BQL
2-Methylnaphthalene	370	BQL
2-Methylphenol	370	BQL
3- & 4-Methylphenol	370	BQL
N-Nitrosodi-n-propylamine	370	BQL
N-Nitrosodiphenylamine	370	BQL
Naphthalene	370	BQL
2-Nitroaniline	370	BQL
3-Nitroaniline	370	BQL
4-Nitroaniline	370	BQL
Nitrobenzene	370	BQL
2-Nitrophenol	370	BQL
4-Nitrophenol	1800	BQL
Pentachlorophenol	1800	BQL
Phenanthrene	370	BQL
Phenol	370	BQL
Pyrene	370	BQL
1,2,4-Trichlorobenzene	370	BQL
2,4,5-Trichlorophenol	370	BQL
2,4,6-Trichlorophenol	370	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	12.0	120
2-Fluorophenol	10	7.3	73
Nitrobenzene-d5	10	9.8	98
Phenol-d6	10	8.3	83
2,4,6-Tribromophenol	10	8.1	81
4-Terphenyl-d14	10	10.4	104

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-36-20
Client Project ID: Progress Energy
Lab Sample ID: 39173
Lab Project ID: G122-1698
Matrix: Soil %Solids: 81.6

Date Analyzed: 3/16/02
Analyzed By: RNP
Date Collected: 3/7/02
Date Received: 3/9/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	61	BQL
Acrolein	120	BQL
Acrylonitrile	120	BQL
Benzene	6.1	BQL
Bromobenzene	6.1	BQL
Bromochloromethane	6.1	BQL
Bromodichloromethane	6.1	BQL
Bromoform	6.1	BQL
Bromomethane	6.1	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.1	BQL
sec-Butylbenzene	6.1	BQL
tert-Butylbenzene	6.1	BQL
Carbon disulfide	6.1	BQL
Carbon tetrachloride	6.1	BQL
Chlorobenzene	6.1	BQL
Chloroethane	6.1	BQL
2-Chloroethyl vinyl ether	6.1	BQL
Chloroform	6.1	BQL
Chloromethane	6.1	BQL
2-Chlorotoluene	6.1	BQL
4-Chlorotoluene	6.1	BQL
Dibromochloromethane	6.1	BQL
1,2-Dibromo-3-chloropropane	6.1	BQL
Dibromomethane	6.1	BQL
1,2-Dibromoethane (EDB)	6.1	BQL
1,2-Dichlorobenzene	6.1	BQL
1,3-Dichlorobenzene	6.1	BQL
1,4-Dichlorobenzene	6.1	BQL
trans-1,4-Dichloro-2-butene	6.1	BQL
1,1-Dichloroethane	6.1	BQL
1,1-Dichloroethene	6.1	BQL
1,2-Dichloroethane	6.1	BQL
cis-1,2-Dichloroethene	6.1	BQL
trans-1,2-dichloroethene	6.1	BQL
1,2-Dichloropropane	6.1	BQL
1,3-Dichloropropane	6.1	BQL
2,2-Dichloropropane	6.1	BQL
1,1-Dichloropropene	6.1	BQL
cis-1,3-Dichloropropene	6.1	BQL
trans-1,3-Dichloropropene	6.1	BQL
Dichlorodifluoromethane	6.1	BQL
Diisopropyl ether (DIPE)	6.1	BQL
Ethylbenzene	6.1	BQL
Hexachlorobutadiene	6.1	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-36-20	Date Analyzed:	3/16/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39173	Date Collected:	3/7/02
Lab Project ID:	G122-1698	Date Received:	3/9/02
Matrix:	Soil %Solids: 81.6	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.1	BQL
Iodomethane	6.1	BQL
Isopropylbenzene	6.1	BQL
4-Isopropyltoluene	6.1	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.1	BQL
Methyl-tert-butyl ether (MTBE)	6.1	BQL
Naphthalene	6.1	BQL
n-Propyl benzene	6.1	BQL
Styrene	6.1	BQL
1,1,1,2-Tetrachloroethane	6.1	BQL
1,1,2,2-Tetrachloroethane	6.1	BQL
Tetrachloroethene	6.1	BQL
Toluene	6.1	BQL
1,2,3-Trichlorobenzene	6.1	BQL
1,2,4-Trichlorobenzene	6.1	BQL
Trichloroethene	6.1	BQL
1,1,1-Trichloroethane	6.1	BQL
1,1,2-Trichloroethane	6.1	BQL
Trichlorofluoromethane	6.1	BQL
1,2,3-Trichloropropane	6.1	BQL
1,2,4-Trimethylbenzene	6.1	BQL
1,3,5-Trimethylbenzene	6.1	BQL
Vinyl chloride	6.1	BQL
m-,p-Xylene	12	BQL
o-Xylene	6.1	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.6	97
1,2-Dichloroethane-d4	50	55.4	111
Toluene-d8	50	50.4	101

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-36-20
Client Project ID: Progress Energy
Lab Sample ID: 39173
Lab Project ID: G122-1698
Matrix: Soil %Solids: 81.6

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/19/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	370	BQL
Acenaphthylene	370	BQL
Anthracene	370	BQL
Benzo[a]anthracene	370	BQL
Benzo[a]pyrene	370	BQL
Benzo[b]fluoranthene	370	BQL
Benzo[g,h,i]perylene	370	BQL
Benzo[k]fluoranthene	370	BQL
Benzoic Acid	750	BQL
Bis(2-chloroethoxy)methane	370	BQL
Bis(2-chloroethyl)ether	370	BQL
Bis(2-chloroisopropyl)ether	370	BQL
Bis(2-ethylhexyl)phthalate	370	BQL
4-bromophenyl phenyl ether	370	BQL
Butylbenzylphthalate	370	BQL
4-Chloroaniline	370	BQL
4-Chloro-3-methylphenol	370	BQL
2-Chloronaphthalene	370	BQL
2-Chlorophenol	370	BQL
4-Chlorophenyl phenyl ether	370	BQL
Chrysene	370	BQL
Di-n-Butylphthalate	370	BQL
Di-n-octylphthalate	370	BQL
Dibenzo[a,h]anthracene	370	BQL
Dibenzofuran	370	BQL
1,2-Dichlorobenzene	370	BQL
1,3-Dichlorobenzene	370	BQL
1,4-Dichlorobenzene	370	BQL
3,3'-Dichlorobenzidine	750	BQL
2,4-Dichlorophenol	370	BQL
Diethylphthalate	370	BQL
2,4-Dimethylphenol	370	BQL
Dimethylphthalate	370	BQL
4,6-Dinitro-2-methylphenol	1900	BQL
2,4-Dinitrophenol	1900	BQL
2,4-Dinitrotoluene	370	BQL
2,6-Dinitrotoluene	370	BQL
Fluoranthene	370	BQL
Fluorene	370	BQL
Hexachlorobenzene	370	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-36-20
Client Project ID: Progress Energy
Lab Sample ID: 39173
Lab Project ID: G122-1698
Matrix: Soil %Solids: 81.6

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/19/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	370	BQL
Hexachlorocyclopentadiene	750	BQL
Hexachloroethane	370	BQL
Indeno(1,2,3-c,d)pyrene	370	BQL
Isophorone	370	BQL
2-Methylnaphthalene	370	BQL
2-Methylphenol	370	BQL
3- & 4-Methylphenol	370	BQL
N-Nitrosodi-n-propylamine	370	BQL
N-Nitrosodiphenylamine	370	BQL
Naphthalene	370	BQL
2-Nitroaniline	370	BQL
3-Nitroaniline	370	BQL
4-Nitroaniline	370	BQL
Nitrobenzene	370	BQL
2-Nitrophenol	370	BQL
4-Nitrophenol	1900	BQL
Pentachlorophenol	1900	BQL
Phenanthrene	370	BQL
Phenol	370	BQL
Pyrene	370	BQL
1,2,4-Trichlorobenzene	370	BQL
2,4,5-Trichlorophenol	370	BQL
2,4,6-Trichlorophenol	370	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.5	115
2-Fluorophenol	10	8.0	80
Nitrobenzene-d5	10	11.2	112
Phenol-d6	10	8.9	89
2,4,6-Tribromophenol	10	9.9	99
4-Terphenyl-d14	10	12.3	123

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-37-25
Client Project ID: Progress Energy
Lab Sample ID: 39707
Lab Project ID: G122-1704
Matrix: Soil %Solids: 87.8

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/13/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	57	BQL
Acrolein	110	BQL
Acrylonitrile	110	BQL
Benzene	5.7	BQL
Bromobenzene	5.7	BQL
Bromochloromethane	5.7	BQL
Bromodichloromethane	5.7	BQL
Bromoform	5.7	BQL
Bromomethane	5.7	BQL
2-Butanone	28	BQL
n-Butylbenzene	5.7	BQL
sec-Butylbenzene	5.7	BQL
tert-Butylbenzene	5.7	BQL
Carbon disulfide	5.7	BQL
Carbon tetrachloride	5.7	BQL
Chlorobenzene	5.7	BQL
Chloroethane	5.7	BQL
2-Chloroethyl vinyl ether	5.7	BQL
Chloroform	5.7	BQL
Chloromethane	5.7	BQL
2-Chlorotoluene	5.7	BQL
4-Chlorotoluene	5.7	BQL
Dibromochloromethane	5.7	BQL
1,2-Dibromo-3-chloropropane	5.7	BQL
Dibromomethane	5.7	BQL
1,2-Dibromoethane (EDB)	5.7	BQL
1,2-Dichlorobenzene	5.7	BQL
1,3-Dichlorobenzene	5.7	BQL
1,4-Dichlorobenzene	5.7	BQL
trans-1,4-Dichloro-2-butene	5.7	BQL
1,1-Dichloroethane	5.7	BQL
1,1-Dichloroethene	5.7	BQL
1,2-Dichloroethane	5.7	BQL
cis-1,2-Dichloroethene	5.7	BQL
trans-1,2-dichloroethene	5.7	BQL
1,2-Dichloropropane	5.7	BQL
1,3-Dichloropropane	5.7	BQL
2,2-Dichloropropane	5.7	BQL
1,1-Dichloropropene	5.7	BQL
cis-1,3-Dichloropropene	5.7	BQL
trans-1,3-Dichloropropene	5.7	BQL
Dichlorodifluoromethane	5.7	BQL
Diisopropyl ether (DIPE)	5.7	BQL
Ethylbenzene	5.7	BQL
Hexachlorobutadiene	5.7	BQL

Reviewed by: RN

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-37-25
Client Project ID: Progress Energy
Lab Sample ID: 39707
Lab Project ID: G122-1704
Matrix: Soil %Solids: 87.8

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/13/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	5.7	BQL
Iodomethane	5.7	BQL
Isopropylbenzene	5.7	BQL
4-Isopropyltoluene	5.7	BQL
Methylene chloride	23	BQL
4-Methyl-2-pentanone	5.7	BQL
Methyl-tert-butyl ether (MTBE)	5.7	BQL
Naphthalene	5.7	BQL
n-Propyl benzene	5.7	BQL
Styrene	5.7	BQL
1,1,1,2-Tetrachloroethane	5.7	BQL
1,1,2,2-Tetrachloroethane	5.7	BQL
Tetrachloroethene	5.7	BQL
Toluene	5.7	BQL
1,2,3-Trichlorobenzene	5.7	BQL
1,2,4-Trichlorobenzene	5.7	BQL
Trichloroethene	5.7	BQL
1,1,1-Trichloroethane	5.7	BQL
1,1,2-Trichloroethane	5.7	BQL
Trichlorofluoromethane	5.7	BQL
1,2,3-Trichloropropane	5.7	BQL
1,2,4-Trimethylbenzene	5.7	BQL
1,3,5-Trimethylbenzene	5.7	BQL
Vinyl chloride	5.7	BQL
m-,p-Xylene	11	BQL
o-Xylene	5.7	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	47.7	95
1,2-Dichloroethane-d4	50	51.0	102
Toluene-d8	50	50.3	101

Comments:
All results are corrected for dilution.

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-37-25
Client Project ID: Progress Energy
Lab Sample ID: 39707
Lab Project ID: G122-1704
Matrix: Soil %Solids: 87.8

Date Collected: 3/13/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	350	BQL
Acenaphthylene	350	BQL
Anthracene	350	BQL
Benzo[a]anthracene	350	BQL
Benzo[a]pyrene	350	BQL
Benzo[b]fluoranthene	350	BQL
Benzo[g,h,i]perylene	350	BQL
Benzo[k]fluoranthene	350	BQL
Benzoic Acid	700	BQL
Bis(2-chloroethoxy)methane	350	BQL
Bis(2-chloroethyl)ether	350	BQL
Bis(2-chloroisopropyl)ether	350	BQL
Bis(2-ethylhexyl)phthalate	350	BQL
4-bromophenyl phenyl ether	350	BQL
Butylbenzylphthalate	350	BQL
4-Chloroaniline	350	BQL
4-Chloro-3-methylphenol	350	BQL
2-Chloronaphthalene	350	BQL
2-Chlorophenol	350	BQL
4-Chlorophenyl phenyl ether	350	BQL
Chrysene	350	BQL
Di-n-Butylphthalate	350	BQL
Di-n-octylphthalate	350	BQL
Dibenzo[a,h]anthracene	350	BQL
Dibenzofuran	350	BQL
1,2-Dichlorobenzene	350	BQL
1,3-Dichlorobenzene	350	BQL
1,4-Dichlorobenzene	350	BQL
3,3'-Dichlorobenzidine	700	BQL
2,4-Dichlorophenol	350	BQL
Diethylphthalate	350	BQL
2,4-Dimethylphenol	350	BQL
Dimethylphthalate	350	BQL
4,6-Dinitro-2-methylphenol	1700	BQL
2,4-Dinitrophenol	1700	BQL
2,4-Dinitrotoluene	350	BQL
2,6-Dinitrotoluene	350	BQL
Fluoranthene	350	BQL
Fluorene	350	BQL
Hexachlorobenzene	350	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-37-25
Client Project ID: Progress Energy
Lab Sample ID: 39707
Lab Project ID: G122-1704
Matrix: Soil %Solids: 87.8

Date Collected: 3/13/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	350	BQL
Hexachlorocyclopentadiene	700	BQL
Hexachloroethane	350	BQL
Indeno(1,2,3-c,d)pyrene	350	BQL
Isophorone	350	BQL
2-Methylnaphthalene	350	BQL
2-Methylphenol	350	BQL
3- & 4-Methylphenol	350	BQL
N-Nitrosodi-n-propylamine	350	BQL
N-Nitrosodiphenylamine	350	BQL
Naphthalene	350	BQL
2-Nitroaniline	350	BQL
3-Nitroaniline	350	BQL
4-Nitroaniline	350	BQL
Nitrobenzene	350	BQL
2-Nitrophenol	350	BQL
4-Nitrophenol	1700	BQL
Pentachlorophenol	1700	BQL
Phenanthrene	350	BQL
Phenol	350	BQL
Pyrene	350	BQL
1,2,4-Trichlorobenzene	350	BQL
2,4,5-Trichlorophenol	350	BQL
2,4,6-Trichlorophenol	350	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	12.0	120
2-Fluorophenol	10	9.5	95
Nitrobenzene-d5	10	10.6	106
Phenol-d6	10	10.0	100
2,4,6-Tribromophenol	10	8.6	86
4-Terphenyl-d14	10	12.3	123

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: [illegible]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-38-20
Client Project ID: Progress Energy
Lab Sample ID: 39704
Lab Project ID: G122-1704
Matrix: Soil %Solids: 78.4

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/12/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	64	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.4	BQL
Bromobenzene	6.4	BQL
Bromochloromethane	6.4	BQL
Bromodichloromethane	6.4	BQL
Bromoform	6.4	BQL
Bromomethane	6.4	BQL
2-Butanone	32	BQL
n-Butylbenzene	6.4	BQL
sec-Butylbenzene	6.4	BQL
tert-Butylbenzene	6.4	BQL
Carbon disulfide	6.4	BQL
Carbon tetrachloride	6.4	BQL
Chlorobenzene	6.4	BQL
Chloroethane	6.4	BQL
2-Chloroethyl vinyl ether	6.4	BQL
Chloroform	6.4	BQL
Chloromethane	6.4	BQL
2-Chlorotoluene	6.4	BQL
4-Chlorotoluene	6.4	BQL
Dibromochloromethane	6.4	BQL
1,2-Dibromo-3-chloropropane	6.4	BQL
Dibromomethane	6.4	BQL
1,2-Dibromoethane (EDB)	6.4	BQL
1,2-Dichlorobenzene	6.4	BQL
1,3-Dichlorobenzene	6.4	BQL
1,4-Dichlorobenzene	6.4	BQL
trans-1,4-Dichloro-2-butene	6.4	BQL
1,1-Dichloroethane	6.4	BQL
1,1-Dichloroethene	6.4	BQL
1,2-Dichloroethane	6.4	BQL
cis-1,2-Dichloroethene	6.4	BQL
trans-1,2-dichloroethene	6.4	BQL
1,2-Dichloropropane	6.4	BQL
1,3-Dichloropropane	6.4	BQL
2,2-Dichloropropane	6.4	BQL
1,1-Dichloropropene	6.4	BQL
cis-1,3-Dichloropropene	6.4	BQL
trans-1,3-Dichloropropene	6.4	BQL
Dichlorodifluoromethane	6.4	BQL
Diisopropyl ether (DIPE)	6.4	BQL
Ethylbenzene	6.4	BQL
Hexachlorobutadiene	6.4	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID:	GP-38-20	Date Analyzed:	3/21/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39704	Date Collected:	3/12/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %Solids: 78.4	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.4	BQL
Iodomethane	6.4	BQL
Isopropylbenzene	6.4	BQL
4-Isopropyltoluene	6.4	BQL
Methylene chloride	26	BQL
4-Methyl-2-pentanone	6.4	BQL
Methyl-tert-butyl ether (MTBE)	6.4	BQL
Naphthalene	6.4	BQL
n-Propyl benzene	6.4	BQL
Styrene	6.4	BQL
1,1,1,2-Tetrachloroethane	6.4	BQL
1,1,2,2-Tetrachloroethane	6.4	BQL
Tetrachloroethene	6.4	BQL
Toluene	6.4	BQL
1,2,3-Trichlorobenzene	6.4	BQL
1,2,4-Trichlorobenzene	6.4	BQL
Trichloroethene	6.4	BQL
1,1,1-Trichloroethane	6.4	BQL
1,1,2-Trichloroethane	6.4	BQL
Trichlorofluoromethane	6.4	BQL
1,2,3-Trichloropropane	6.4	BQL
1,2,4-Trimethylbenzene	6.4	BQL
1,3,5-Trimethylbenzene	6.4	BQL
Vinyl chloride	6.4	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.4	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	51.3	103
1,2-Dichloroethane-d4	50	52.8	106
Toluene-d8	50	46.8	94

Comments:

All results are corrected for dilution.

Reviewed by: [signature]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-38-20
Client Project ID: Progress Energy
Lab Sample ID: 39704
Lab Project ID: G122-1704
Matrix: Soil %Solids: 78.4

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	610	BQL
Acenaphthylene	610	BQL
Anthracene	610	BQL
Benzo[a]anthracene	610	BQL
Benzo[a]pyrene	610	BQL
Benzo[b]fluoranthene	610	BQL
Benzo[g,h,i]perylene	610	BQL
Benzo[k]fluoranthene	610	BQL
Benzoic Acid	1200	BQL
Bis(2-chloroethoxy)methane	610	BQL
Bis(2-chloroethyl)ether	610	BQL
Bis(2-chloroisopropyl)ether	610	BQL
Bis(2-ethylhexyl)phthalate	610	BQL
4-bromophenyl phenyl ether	610	BQL
Butylbenzylphthalate	610	BQL
4-Chloroaniline	610	BQL
4-Chloro-3-methylphenol	610	BQL
2-Chloronaphthalene	610	BQL
2-Chlorophenol	610	BQL
4-Chlorophenyl phenyl ether	610	BQL
Chrysene	610	BQL
Di-n-Butylphthalate	610	BQL
Di-n-octylphthalate	610	BQL
Dibenzo[a,h]anthracene	610	BQL
Dibenzofuran	610	BQL
1,2-Dichlorobenzene	610	BQL
1,3-Dichlorobenzene	610	BQL
1,4-Dichlorobenzene	610	BQL
3,3'-Dichlorobenzidine	1200	BQL
2,4-Dichlorophenol	610	BQL
Diethylphthalate	610	BQL
2,4-Dimethylphenol	610	BQL
Dimethylphthalate	610	BQL
4,6-Dinitro-2-methylphenol	3000	BQL
2,4-Dinitrophenol	3000	BQL
2,4-Dinitrotoluene	610	BQL
2,6-Dinitrotoluene	610	BQL
Fluoranthene	610	BQL
Fluorene	610	BQL
Hexachlorobenzene	610	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-38-20
Client Project ID: Progress Energy
Lab Sample ID: 39704
Lab Project ID: G122-1704
Matrix: Soil %Solids: 78.4

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	610	BQL
Hexachlorocyclopentadiene	1200	BQL
Hexachloroethane	610	BQL
Indeno(1,2,3-c,d)pyrene	610	BQL
Isophorone	610	BQL
2-Methylnaphthalene	610	BQL
2-Methylphenol	610	BQL
3- & 4-Methylphenol	610	BQL
N-Nitrosodi-n-propylamine	610	BQL
N-Nitrosodiphenylamine	610	BQL
Naphthalene	610	BQL
2-Nitroaniline	610	BQL
3-Nitroaniline	610	BQL
4-Nitroaniline	610	BQL
Nitrobenzene	610	BQL
2-Nitrophenol	610	BQL
4-Nitrophenol	3000	BQL
Pentachlorophenol	3000	BQL
Phenanthrene	610	BQL
Phenol	610	BQL
Pyrene	610	BQL
1,2,4-Trichlorobenzene	610	BQL
2,4,5-Trichlorophenol	610	BQL
2,4,6-Trichlorophenol	610	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.2	112
2-Fluorophenol	10	7.6	76
Nitrobenzene-d5	10	9.7	97
Phenol-d6	10	7.8	78
2,4,6-Tribromophenol	10	7.8	78
4-Terphenyl-d14	10	11.8	118

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-39-25
Client Project ID: Progress Energy
Lab Sample ID: 39712
Lab Project ID: G122-1704
Matrix: Soil %Solids: 69.9

Date Analyzed: 3/27/02
Analyzed By: EKR
Date Collected: 3/13/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	71	BQL
Acrolein	140	BQL
Acrylonitrile	140	BQL
Benzene	7.1	BQL
Bromobenzene	7.1	BQL
Bromochloromethane	7.1	BQL
Bromodichloromethane	7.1	BQL
Bromoform	7.1	BQL
Bromomethane	7.1	BQL
2-Butanone	36	BQL
n-Butylbenzene	7.1	BQL
sec-Butylbenzene	7.1	BQL
tert-Butylbenzene	7.1	BQL
Carbon disulfide	7.1	BQL
Carbon tetrachloride	7.1	BQL
Chlorobenzene	7.1	BQL
Chloroethane	7.1	BQL
2-Chloroethyl vinyl ether	7.1	BQL
Chloroform	7.1	BQL
Chloromethane	7.1	BQL
2-Chlorotoluene	7.1	BQL
4-Chlorotoluene	7.1	BQL
Dibromochloromethane	7.1	BQL
1,2-Dibromo-3-chloropropane	7.1	BQL
Dibromomethane	7.1	BQL
1,2-Dibromoethane (EDB)	7.1	BQL
1,2-Dichlorobenzene	7.1	BQL
1,3-Dichlorobenzene	7.1	BQL
1,4-Dichlorobenzene	7.1	BQL
trans-1,4-Dichloro-2-butene	7.1	BQL
1,1-Dichloroethane	7.1	BQL
1,1-Dichloroethene	7.1	BQL
1,2-Dichloroethane	7.1	BQL
cis-1,2-Dichloroethene	7.1	BQL
trans-1,2-dichloroethene	7.1	BQL
1,2-Dichloropropane	7.1	BQL
1,3-Dichloropropane	7.1	BQL
2,2-Dichloropropane	7.1	BQL
1,1-Dichloropropene	7.1	BQL
cis-1,3-Dichloropropene	7.1	BQL
trans-1,3-Dichloropropene	7.1	BQL
Dichlorodifluoromethane	7.1	BQL
Diisopropyl ether (DIPE)	7.1	BQL
Ethylbenzene	7.1	BQL
Hexachlorobutadiene	7.1	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID:	GP-39-25	Date Analyzed:	3/27/02
Client Project ID:	Progress Energy	Analyzed By:	EKR
Lab Sample ID:	39712	Date Collected:	3/13/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %Solids: 69.9	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	7.1	BQL
Iodomethane	7.1	BQL
Isopropylbenzene	7.1	BQL
4-Isopropyltoluene	7.1	BQL
Methylene chloride	29	BQL
4-Methyl-2-pentanone	7.1	BQL
Methyl-tert-butyl ether (MTBE)	7.1	BQL
Naphthalene	7.1	BQL
n-Propyl benzene	7.1	BQL
Styrene	7.1	BQL
1,1,1,2-Tetrachloroethane	7.1	BQL
1,1,2,2-Tetrachloroethane	7.1	BQL
Tetrachloroethene	7.1	BQL
Toluene	7.1	BQL
1,2,3-Trichlorobenzene	7.1	BQL
1,2,4-Trichlorobenzene	7.1	BQL
Trichloroethene	7.1	BQL
1,1,1-Trichloroethane	7.1	BQL
1,1,2-Trichloroethane	7.1	BQL
Trichlorofluoromethane	7.1	BQL
1,2,3-Trichloropropane	7.1	BQL
1,2,4-Trimethylbenzene	7.1	BQL
1,3,5-Trimethylbenzene	7.1	BQL
Vinyl chloride	7.1	BQL
m-,p-Xylene	14	BQL
o-Xylene	7.1	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	47.8	96
1,2-Dichloroethane-d4	50	54.3	109
Toluene-d8	50	51.1	102

Comments:

All results are corrected for dilution.

Reviewed by:

Flags: BQL = Below Quantitation Limit

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-39-25
Client Project ID: 122
Lab Sample ID: 39712
Lab Project ID: G122-1704
Matrix: W1E %Solids: 69.9

Date Collected: 3/16/2002
Date Received: 3/22/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	420	BQL
Acenaphthylene	420	BQL
Anthracene	420	BQL
Benzo[a]anthracene	420	BQL
Benzo[a]pyrene	420	BQL
Benzo[b]fluoranthene	420	BQL
Benzo[g,h,i]perylene	420	BQL
Benzo[k]fluoranthene	420	BQL
Benzoic Acid	830	BQL
Bis(2-chloroethoxy)methane	420	BQL
Bis(2-chloroethyl)ether	420	BQL
Bis(2-chloroisopropyl)ether	420	BQL
Bis(2-ethylhexyl)phthalate	420	BQL
4-bromophenyl phenyl ether	420	BQL
Butylbenzylphthalate	420	BQL
4-Chloroaniline	420	BQL
4-Chloro-3-methylphenol	420	BQL
2-Chloronaphthalene	420	BQL
2-Chlorophenol	420	BQL
4-Chlorophenyl phenyl ether	420	BQL
Chrysene	420	BQL
Di-n-Butylphthalate	420	BQL
Di-n-octylphthalate	420	BQL
Dibenzo[a,h]anthracene	420	BQL
Dibenzofuran	420	BQL
1,2-Dichlorobenzene	420	BQL
1,3-Dichlorobenzene	420	BQL
1,4-Dichlorobenzene	420	BQL
3,3'-Dichlorobenzidine	830	BQL
2,4-Dichlorophenol	420	BQL
Diethylphthalate	420	BQL
2,4-Dimethylphenol	420	BQL
Dimethylphthalate	420	BQL
4,6-Dinitro-2-methylphenol	2100	BQL
2,4-Dinitrophenol	2100	BQL
2,4-Dinitrotoluene	420	BQL
2,6-Dinitrotoluene	420	BQL
Fluoranthene	420	BQL
Fluorene	420	BQL
Hexachlorobenzene	420	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-39-25
Client Project ID: 122
Lab Sample ID: 39712
Lab Project ID: G122-1704
Matrix: W1E %Solids: 69.9

Date Collected: 3/16/2002
Date Received: 3/22/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	420	BQL
Hexachlorocyclopentadiene	830	BQL
Hexachloroethane	420	BQL
Indeno(1,2,3-c,d)pyrene	420	BQL
Isophorone	420	BQL
2-Methylnaphthalene	420	BQL
2-Methylphenol	420	BQL
3- & 4-Methylphenol	420	BQL
N-Nitrosodi-n-propylamine	420	BQL
N-Nitrosodiphenylamine	420	BQL
Naphthalene	420	BQL
2-Nitroaniline	420	BQL
3-Nitroaniline	420	BQL
4-Nitroaniline	420	BQL
Nitrobenzene	420	BQL
2-Nitrophenol	420	BQL
4-Nitrophenol	2100	BQL
Pentachlorophenol	2100	BQL
Phenanthrene	420	BQL
Phenol	420	BQL
Pyrene	420	BQL
1,2,4-Trichlorobenzene	420	BQL
2,4,5-Trichlorophenol	420	BQL
2,4,6-Trichlorophenol	420	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	12.6	126
2-Fluorophenol	10	10.2	102
Nitrobenzene-d5	10	11.4	114
Phenol-d6	10	9.6	96
2,4,6-Tribromophenol	10	9.4	94
4-Terphenyl-d14	10	11.6	116

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-40-20
Client Project ID: Progress Energy
Lab Sample ID: 39705
Lab Project ID: G122-1704
Matrix: Soil %Solids: 79.8

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/12/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	63	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.3	BQL
Bromobenzene	6.3	BQL
Bromochloromethane	6.3	BQL
Bromodichloromethane	6.3	BQL
Bromoform	6.3	BQL
Bromomethane	6.3	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.3	BQL
sec-Butylbenzene	6.3	BQL
tert-Butylbenzene	6.3	BQL
Carbon disulfide	6.3	BQL
Carbon tetrachloride	6.3	BQL
Chlorobenzene	6.3	BQL
Chloroethane	6.3	BQL
2-Chloroethyl vinyl ether	6.3	BQL
Chloroform	6.3	BQL
Chloromethane	6.3	BQL
2-Chlorotoluene	6.3	BQL
4-Chlorotoluene	6.3	BQL
Dibromochloromethane	6.3	BQL
1,2-Dibromo-3-chloropropane	6.3	BQL
Dibromomethane	6.3	BQL
1,2-Dibromoethane (EDB)	6.3	BQL
1,2-Dichlorobenzene	6.3	BQL
1,3-Dichlorobenzene	6.3	BQL
1,4-Dichlorobenzene	6.3	BQL
trans-1,4-Dichloro-2-butene	6.3	BQL
1,1-Dichloroethane	6.3	BQL
1,1-Dichloroethene	6.3	BQL
1,2-Dichloroethane	6.3	BQL
cis-1,2-Dichloroethene	6.3	BQL
trans-1,2-dichloroethene	6.3	BQL
1,2-Dichloropropane	6.3	BQL
1,3-Dichloropropane	6.3	BQL
2,2-Dichloropropane	6.3	BQL
1,1-Dichloropropene	6.3	BQL
cis-1,3-Dichloropropene	6.3	BQL
trans-1,3-Dichloropropene	6.3	BQL
Dichlorodifluoromethane	6.3	BQL
Diisopropyl ether (DIPE)	6.3	BQL
Ethylbenzene	6.3	BQL
Hexachlorobutadiene	6.3	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-40-20
Client Project ID: Progress Energy
Lab Sample ID: 39705
Lab Project ID: G122-1704
Matrix: Soil %Solids: 79.8

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/12/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.3	BQL
Iodomethane	6.3	BQL
Isopropylbenzene	6.3	BQL
4-Isopropyltoluene	6.3	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.3	BQL
Methyl-tert-butyl ether (MTBE)	6.3	BQL
Naphthalene	6.3	BQL
n-Propyl benzene	6.3	BQL
Styrene	6.3	BQL
1,1,1,2-Tetrachloroethane	6.3	BQL
1,1,2,2-Tetrachloroethane	6.3	BQL
Tetrachloroethene	6.3	BQL
Toluene	6.3	BQL
1,2,3-Trichlorobenzene	6.3	BQL
1,2,4-Trichlorobenzene	6.3	BQL
Trichloroethene	6.3	BQL
1,1,1-Trichloroethane	6.3	BQL
1,1,2-Trichloroethane	6.3	BQL
Trichlorofluoromethane	6.3	BQL
1,2,3-Trichloropropane	6.3	BQL
1,2,4-Trimethylbenzene	6.3	BQL
1,3,5-Trimethylbenzene	6.3	BQL
Vinyl chloride	6.3	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.3	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	49.6	99
1,2-Dichloroethane-d4	50	50.7	101
Toluene-d8	50	50.3	101

Comments:
All results are corrected for dilution.

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-40-20
Client Project ID: Progress Energy
Lab Sample ID: 39705
Lab Project ID: G122-1704
Matrix: Soil %Solids: 79.8

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	390	BQL
Acenaphthylene	390	BQL
Anthracene	390	BQL
Benzo[a]anthracene	390	BQL
Benzo[a]pyrene	390	BQL
Benzo[b]fluoranthene	390	BQL
Benzo[g,h,i]perylene	390	BQL
Benzo[k]fluoranthene	390	BQL
Benzoic Acid	790	BQL
Bis(2-chloroethoxy)methane	390	BQL
Bis(2-chloroethyl)ether	390	BQL
Bis(2-chloroisopropyl)ether	390	BQL
Bis(2-ethylhexyl)phthalate	390	BQL
4-bromophenyl phenyl ether	390	BQL
Butylbenzylphthalate	390	BQL
4-Chloroaniline	390	BQL
4-Chloro-3-methylphenol	390	BQL
2-Chloronaphthalene	390	BQL
2-Chlorophenol	390	BQL
4-Chlorophenyl phenyl ether	390	BQL
Chrysene	390	BQL
Di-n-Butylphthalate	390	BQL
Di-n-octylphthalate	390	BQL
Dibenzo[a,h]anthracene	390	BQL
Dibenzofuran	390	BQL
1,2-Dichlorobenzene	390	BQL
1,3-Dichlorobenzene	390	BQL
1,4-Dichlorobenzene	390	BQL
3,3'-Dichlorobenzidine	790	BQL
2,4-Dichlorophenol	390	BQL
Diethylphthalate	390	BQL
2,4-Dimethylphenol	390	BQL
Dimethylphthalate	390	BQL
4,6-Dinitro-2-methylphenol	2000	BQL
2,4-Dinitrophenol	2000	BQL
2,4-Dinitrotoluene	390	BQL
2,6-Dinitrotoluene	390	BQL
Fluoranthene	390	BQL
Fluorene	390	BQL
Hexachlorobenzene	390	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-40-20
Client Project ID: Progress Energy
Lab Sample ID: 39705
Lab Project ID: G122-1704
Matrix: Soil %Solids: 79.8

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	390	BQL
Hexachlorocyclopentadiene	790	BQL
Hexachloroethane	390	BQL
Indeno(1,2,3-c,d)pyrene	390	BQL
Isophorone	390	BQL
2-Methylnaphthalene	390	BQL
2-Methylphenol	390	BQL
3- & 4-Methylphenol	390	BQL
N-Nitrosodi-n-propylamine	390	BQL
N-Nitrosodiphenylamine	390	BQL
Naphthalene	390	BQL
2-Nitroaniline	390	BQL
3-Nitroaniline	390	BQL
4-Nitroaniline	390	BQL
Nitrobenzene	390	BQL
2-Nitrophenol	390	BQL
4-Nitrophenol	2000	BQL
Pentachlorophenol	2000	BQL
Phenanthrene	390	BQL
Phenol	390	BQL
Pyrene	390	BQL
1,2,4-Trichlorobenzene	390	BQL
2,4,5-Trichlorophenol	390	BQL
2,4,6-Trichlorophenol	390	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.7	117
2-Fluorophenol	10	7.4	74
Nitrobenzene-d5	10	10.0	100
Phenol-d6	10	7.3	73
2,4,6-Tribromophenol	10	7.0	70
4-Terphenyl-d14	10	12.9	129

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GCMS 8260B

Client Sample ID: GP-41-15
Client Project ID: Progress Energy
Lab Sample ID: 39706
Lab Project ID: G122-1704
Matrix: Soil %Solids: 79.4

Date Analyzed: 3/21/02
Analyzed By: RNP
Date Collected: 3/12/02
Date Received: 3/16/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	63	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.3	BQL
Bromobenzene	6.3	BQL
Bromochloromethane	6.3	BQL
Bromodichloromethane	6.3	BQL
Bromoform	6.3	BQL
Bromomethane	6.3	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.3	BQL
sec-Butylbenzene	6.3	BQL
tert-Butylbenzene	6.3	BQL
Carbon disulfide	6.3	BQL
Carbon tetrachloride	6.3	BQL
Chlorobenzene	6.3	BQL
Chloroethane	6.3	BQL
2-Chloroethyl vinyl ether	6.3	BQL
Chloroform	6.3	BQL
Chloromethane	6.3	BQL
2-Chlorotoluene	6.3	BQL
4-Chlorotoluene	6.3	BQL
Dibromochloromethane	6.3	BQL
1,2-Dibromo-3-chloropropane	6.3	BQL
Dibromomethane	6.3	BQL
1,2-Dibromoethane (EDB)	6.3	BQL
1,2-Dichlorobenzene	6.3	BQL
1,3-Dichlorobenzene	6.3	BQL
1,4-Dichlorobenzene	6.3	BQL
trans-1,4-Dichloro-2-butene	6.3	BQL
1,1-Dichloroethane	6.3	BQL
1,1-Dichloroethene	6.3	BQL
1,2-Dichloroethane	6.3	BQL
cis-1,2-Dichloroethene	6.3	BQL
trans-1,2-dichloroethene	6.3	BQL
1,2-Dichloropropane	6.3	BQL
1,3-Dichloropropane	6.3	BQL
2,2-Dichloropropane	6.3	BQL
1,1-Dichloropropene	6.3	BQL
cis-1,3-Dichloropropene	6.3	BQL
trans-1,3-Dichloropropene	6.3	BQL
Dichlorodifluoromethane	6.3	BQL
Diisopropyl ether (DIPE)	6.3	BQL
Ethylbenzene	6.3	BQL
Hexachlorobutadiene	6.3	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID:	GP-41-15	Date Analyzed:	3/21/02
Client Project ID:	Progress Energy	Analyzed By:	RNP
Lab Sample ID:	39706	Date Collected:	3/12/02
Lab Project ID:	G122-1704	Date Received:	3/16/02
Matrix:	Soil %Solids: 79.4	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.3	BQL
Iodomethane	6.3	BQL
Isopropylbenzene	6.3	BQL
4-Isopropyltoluene	6.3	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.3	BQL
Methyl-tert-butyl ether (MTBE)	6.3	BQL
Naphthalene	6.3	BQL
n-Propyl benzene	6.3	BQL
Styrene	6.3	BQL
1,1,1,2-Tetrachloroethane	6.3	BQL
1,1,2,2-Tetrachloroethane	6.3	BQL
Tetrachloroethene	6.3	BQL
Toluene	6.3	BQL
1,2,3-Trichlorobenzene	6.3	BQL
1,2,4-Trichlorobenzene	6.3	BQL
Trichloroethene	6.3	BQL
1,1,1-Trichloroethane	6.3	BQL
1,1,2-Trichloroethane	6.3	BQL
Trichlorofluoromethane	6.3	BQL
1,2,3-Trichloropropane	6.3	BQL
1,2,4-Trimethylbenzene	6.3	BQL
1,3,5-Trimethylbenzene	6.3	BQL
Vinyl chloride	6.3	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.3	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	48.1	96
1,2-Dichloroethane-d4	50	52.1	104
Toluene-d8	50	50.4	101

Comments:

All results are corrected for dilution.

Reviewed by: _____

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-41-15
Client Project ID: Progress Energy
Lab Sample ID: 39706
Lab Project ID: G122-1704
Matrix: Soil %Solids: 79.4

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	380	BQL
Acenaphthylene	380	BQL
Anthracene	380	BQL
Benzo[a]anthracene	380	BQL
Benzo[a]pyrene	380	BQL
Benzo[b]fluoranthene	380	BQL
Benzo[g,h,i]perylene	380	BQL
Benzo[k]fluoranthene	380	BQL
Benzoic Acid	770	BQL
Bis(2-chloroethoxy)methane	380	BQL
Bis(2-chloroethyl)ether	380	BQL
Bis(2-chloroisopropyl)ether	380	BQL
Bis(2-ethylhexyl)phthalate	380	BQL
4-bromophenyl phenyl ether	380	BQL
Butylbenzylphthalate	380	BQL
4-Chloroaniline	380	BQL
4-Chloro-3-methylphenol	380	BQL
2-Chloronaphthalene	380	BQL
2-Chlorophenol	380	BQL
4-Chlorophenyl phenyl ether	380	BQL
Chrysene	380	BQL
Di-n-Butylphthalate	380	BQL
Di-n-octylphthalate	380	BQL
Dibenzo[a,h]anthracene	380	BQL
Dibenzofuran	380	BQL
1,2-Dichlorobenzene	380	BQL
1,3-Dichlorobenzene	380	BQL
1,4-Dichlorobenzene	380	BQL
3,3'-Dichlorobenzidine	770	BQL
2,4-Dichlorophenol	380	BQL
Diethylphthalate	380	BQL
2,4-Dimethylphenol	380	BQL
Dimethylphthalate	380	BQL
4,6-Dinitro-2-methylphenol	1900	BQL
2,4-Dinitrophenol	1900	BQL
2,4-Dinitrotoluene	380	BQL
2,6-Dinitrotoluene	380	BQL
Fluoranthene	380	**450**
Fluorene	380	BQL
Hexachlorobenzene	380	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-41-15
Client Project ID: Progress Energy
Lab Sample ID: 39706
Lab Project ID: G122-1704
Matrix: Soil %Solids: 79.4

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/21/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	380	BQL
Hexachlorocyclopentadiene	770	BQL
Hexachloroethane	380	BQL
Indeno(1,2,3-c,d)pyrene	380	BQL
Isophorone	380	BQL
2-Methylnaphthalene	380	BQL
2-Methylphenol	380	BQL
3- & 4-Methylphenol	380	BQL
N-Nitrosodi-n-propylamine	380	BQL
N-Nitrosodiphenylamine	380	BQL
Naphthalene	380	BQL
2-Nitroaniline	380	BQL
3-Nitroaniline	380	BQL
4-Nitroaniline	380	BQL
Nitrobenzene	380	BQL
2-Nitrophenol	380	BQL
4-Nitrophenol	1900	BQL
Pentachlorophenol	1900	BQL
Phenanthrene	380	BQL
Phenol	380	BQL
Pyrene	380	400
1,2,4-Trichlorobenzene	380	BQL
2,4,5-Trichlorophenol	380	BQL
2,4,6-Trichlorophenol	380	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.7	117
2-Fluorophenol	10	8.9	89
Nitrobenzene-d5	10	9.0	90
Phenol-d6	10	8.8	88
2,4,6-Tribromophenol	10	9.9	99
4-Terphenyl-d14	10	11.0	110

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-42-15
Client Project ID: Progress Energy
Lab Sample ID: 40001
Lab Project ID: G122-1711
Matrix: Soil %Solids: 79.6

Date Analyzed: 3/27/02
Analyzed By: EKR
Date Collected: 3/20/02
Date Received: 3/21/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acetone	63	BQL
Acrolein	130	BQL
Acrylonitrile	130	BQL
Benzene	6.3	BQL
Bromobenzene	6.3	BQL
Bromochloromethane	6.3	BQL
Bromodichloromethane	6.3	BQL
Bromoform	6.3	BQL
Bromomethane	6.3	BQL
2-Butanone	31	BQL
n-Butylbenzene	6.3	BQL
sec-Butylbenzene	6.3	BQL
tert-Butylbenzene	6.3	BQL
Carbon disulfide	6.3	BQL
Carbon tetrachloride	6.3	BQL
Chlorobenzene	6.3	BQL
Chloroethane	6.3	BQL
2-Chloroethyl vinyl ether	6.3	BQL
Chloroform	6.3	BQL
Chloromethane	6.3	BQL
2-Chlorotoluene	6.3	BQL
4-Chlorotoluene	6.3	BQL
Dibromochloromethane	6.3	BQL
1,2-Dibromo-3-chloropropane	6.3	BQL
Dibromomethane	6.3	BQL
1,2-Dibromoethane (EDB)	6.3	BQL
1,2-Dichlorobenzene	6.3	BQL
1,3-Dichlorobenzene	6.3	BQL
1,4-Dichlorobenzene	6.3	BQL
trans-1,4-Dichloro-2-butene	6.3	BQL
1,1-Dichloroethane	6.3	BQL
1,1-Dichloroethene	6.3	BQL
1,2-Dichloroethane	6.3	BQL
cis-1,2-Dichloroethene	6.3	BQL
trans-1,2-dichloroethene	6.3	BQL
1,2-Dichloropropane	6.3	BQL
1,3-Dichloropropane	6.3	BQL
2,2-Dichloropropane	6.3	BQL
1,1-Dichloropropene	6.3	BQL
cis-1,3-Dichloropropene	6.3	BQL
trans-1,3-Dichloropropene	6.3	BQL
Dichlorodifluoromethane	6.3	BQL
Diisopropyl ether (DIPE)	6.3	BQL
Ethylbenzene	6.3	BQL
Hexachlorobutadiene	6.3	BQL

Reviewed by:

Flags: BQL = Below Quantitation Limit

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: GP-42-15
Client Project ID: Progress Energy
Lab Sample ID: 40001
Lab Project ID: G122-1711
Matrix: Soil %Solids: 79.6

Date Analyzed: 3/27/02
Analyzed By: EKR
Date Collected: 3/20/02
Date Received: 3/21/02
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Hexanone	6.3	BQL
Iodomethane	6.3	BQL
Isopropylbenzene	6.3	BQL
4-Isopropyltoluene	6.3	BQL
Methylene chloride	25	BQL
4-Methyl-2-pentanone	6.3	BQL
Methyl-tert-butyl ether (MTBE)	6.3	BQL
Naphthalene	6.3	BQL
n-Propyl benzene	6.3	BQL
Styrene	6.3	BQL
1,1,1,2-Tetrachloroethane	6.3	BQL
1,1,2,2-Tetrachloroethane	6.3	BQL
Tetrachloroethene	6.3	BQL
Toluene	6.3	BQL
1,2,3-Trichlorobenzene	6.3	BQL
1,2,4-Trichlorobenzene	6.3	BQL
Trichloroethene	6.3	BQL
1,1,1-Trichloroethane	6.3	BQL
1,1,2-Trichloroethane	6.3	BQL
Trichlorofluoromethane	6.3	BQL
1,2,3-Trichloropropane	6.3	BQL
1,2,4-Trimethylbenzene	6.3	BQL
1,3,5-Trimethylbenzene	6.3	BQL
Vinyl chloride	6.3	BQL
m-,p-Xylene	13	BQL
o-Xylene	6.3	BQL

Surrogate Spike Recoveries Compound	Spike Added (ug/KG)	Surrogate Result (ug/KG)	%Rec
Bromofluorobenzene	50	49.1	98
1,2-Dichloroethane-d4	50	52.9	106
Toluene-d8	50	51.9	104

Comments:
All results are corrected for dilution.

Reviewed by: [illegible]

Flags: BQL = Below Quantitation Limit

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-42-15
Client Project ID: Progress Energy
Lab Sample ID: 40001
Lab Project ID: G122-1711
Matrix: Soil %Solids: 79.6

Date Collected: 3/20/2002
Date Received: 3/21/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	390	BQL
Acenaphthylene	390	BQL
Anthracene	390	BQL
Benzo[a]anthracene	390	BQL
Benzo[a]pyrene	390	BQL
Benzo[b]fluoranthene	390	BQL
Benzo[g,h,i]perylene	390	BQL
Benzo[k]fluoranthene	390	BQL
Benzoic Acid	790	BQL
Bis(2-chloroethoxy)methane	390	BQL
Bis(2-chloroethyl)ether	390	BQL
Bis(2-chloroisopropyl)ether	390	BQL
Bis(2-ethylhexyl)phthalate	390	BQL
4-bromophenyl phenyl ether	390	BQL
Butylbenzylphthalate	390	BQL
4-Chloroaniline	390	BQL
4-Chloro-3-methylphenol	390	BQL
2-Chloronaphthalene	390	BQL
2-Chlorophenol	390	BQL
4-Chlorophenyl phenyl ether	390	BQL
Chrysene	390	BQL
Di-n-Butylphthalate	390	BQL
Di-n-octylphthalate	390	BQL
Dibenzo[a,h]anthracene	390	BQL
Dibenzofuran	390	BQL
1,2-Dichlorobenzene	390	BQL
1,3-Dichlorobenzene	390	BQL
1,4-Dichlorobenzene	390	BQL
3,3'-Dichlorobenzidine	790	BQL
2,4-Dichlorophenol	390	BQL
Diethylphthalate	390	BQL
2,4-Dimethylphenol	390	BQL
Dimethylphthalate	390	BQL
4,6-Dinitro-2-methylphenol	2000	BQL
2,4-Dinitrophenol	2000	BQL
2,4-Dinitrotoluene	390	BQL
2,6-Dinitrotoluene	390	BQL
Fluoranthene	390	BQL
Fluorene	390	BQL
Hexachlorobenzene	390	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: GP-42-15
Client Project ID: Progress Energy
Lab Sample ID: 40001
Lab Project ID: G122-1711
Matrix: Soil %Solids: 79.6

Date Collected: 3/20/2002
Date Received: 3/21/2002
Date Analyzed: 3/23/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Hexachlorobutadiene	390	BQL
Hexachlorocyclopentadiene	790	BQL
Hexachloroethane	390	BQL
Indeno(1,2,3-c,d)pyrene	390	BQL
Isophorone	390	BQL
2-Methylnaphthalene	390	BQL
2-Methylphenol	390	BQL
3- & 4-Methylphenol	390	BQL
N-Nitrosodi-n-propylamine	390	BQL
N-Nitrosodiphenylamine	390	BQL
Naphthalene	390	BQL
2-Nitroaniline	390	BQL
3-Nitroaniline	390	BQL
4-Nitroaniline	390	BQL
Nitrobenzene	390	BQL
2-Nitrophenol	390	BQL
4-Nitrophenol	2000	BQL
Pentachlorophenol	2000	BQL
Phenanthrene	390	BQL
Phenol	390	BQL
Pyrene	390	BQL
1,2,4-Trichlorobenzene	390	BQL
2,4,5-Trichlorophenol	390	BQL
2,4,6-Trichlorophenol	390	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	12.5	125
2-Fluorophenol	10	11.3	113
Nitrobenzene-d5	10	11.5	115
Phenol-d6	10	10.5	105
2,4,6-Tribromophenol	10	9.5	95
4-Terphenyl-d14	10	12.8	128

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

27 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

Page ___ of

ent: MID-Atlantic Project ID: [illegible] Date: 3-07-02 Report To: [illegible]
dress: [illegible] Contact: [illegible] Turnaround: Normal
dress: Raleigh, NC [illegible] Phone: [illegible] Job Number: [illegible]
ote #: Fax: [illegible] P.O. Number: [illegible] Invoice To: [illegible]

Sample ID	Date	Time	Matrix	Preservatives: HCl	Preservatives: NaOH			Analyses: 8260	8270	Lead/Iron	6035	RCRA METALS						Comments: Please specify any special reporting requirements
																		Samples (Lead) w/ 3oz.
GP-34-25	3-6	11:00			2			1	1									
GP 28-25		12:45			2			1	1			X						G122-1698
GP-25-20		12:05			2			1	1			X						
GP 28		1:00								3	1							
GP-22-20	3-6	3:00			2			1	1									
GP-~~20-25~~	3-6	4:07			2			1	1									change ID to GP-21-20 per James Gaddy 3-8-02
GP 21-20	3-6	2:00			2			1	1			X						
GP 21-20 ~~20-25~~ 2/mix	3-6	6:00			2			1	1									RCRA metals added per James Gaddy 3/12/02
GP-20-10	3-7	9:15			2			1	1			X						
GP-24	3-7	10:15								3	1							

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[illegible]	3-8-02	3:00	FED EX				NC ___ SC ___ Other ___
			[illegible]	3-9-02	13:00	3.8°C	SEE REVERSE FOR TERMS AND CONDITIONS

627 Northchase Parkway SE, Wilmington, NC 28405
hone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

Page ____ of ____

lient: MID-Atlantic
ddress: 405 Rams [illegible] Ct
ddress: Raleigh, NC 27610
uote #:

Project ID: [illegible]
Contact: [illegible]
Phone: [illegible]
Fax: [illegible]

Date: 3-7,8-02
Turnaround: [illegible]
Job Number: 1215.01
P.O. Number: 1215.01

Report To: MID-Atlantic
Invoice To: MID-Atlantic

Sample ID	Date	Time	Matrix	Preservatives: None	HCL			Analyses: BTEX	Pb 7420	GC/MS	GC/MS	RCRA METALS					Comments: Please specify any special reporting requirements
																	Samples Cont 4/ 2oz
GP-29-5	3-7	11:00	Soil	2				1	1			+					
GP-23-5	3-7	12:15	Soil	2				1	1			+					G122-1674
GP-31-5	3-7	1:45	Soil	2				1	1			+					
GP-32-5	3-7	2:15	Soil	2				1	1			+					
GP-36-20	3-7	4:15	Soil	2				1	1								RCRA metals added per Jamie Lewis 4/11/02
GP-35-25	3-8	9:45	Soil	2				1	1								
GP-35	3-8	1000	H_2O	1	3					3	1						
GP-30-20	3-8	11:15	Soil	2				1	1			+					
GP-27-20	3-8	11:45	Soil	2				1	1			+					
GP-Fi-15	3-8	1:29	Soil	2				1	1			+					

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[illegible]	3-8-02	5:00	FED EX			
			[illegible]	3-9-02	13:00	3.8c

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

27 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

Page ____ of

ent: MID-Atlantic
dress: 409 Ridgeway Road Ct
dress: Raleigh, NC 27610
ote #:

Project ID: Rockers Energy
Contact: J.D. Bamble
Phone: 250-9918
Fax: 250-9950

Date: 3-5-01
Turnaround: Normal
Job Number: 1215.01
P.O. Number: 1215.01

Report To: Matt Pacczek

Invoice To: Matt Pacczek

Sample ID	Date	Time	Matrix	Preservatives: None	Preservatives: HCL			Analyses: 8021/8012	Analyses: 625	Analyses: 8260	Analyses: 8270	Analyses: RCRA METALS						Comments: Please specify any special reporting requirements
																		Samples (cont.) w/ ice
GP-17	3-8-02	2:00	H_2O	1	3			3	1			~~X~~ no metal analysis						
GP-18-25	3-8-02	4:00	Soil	2						1	1	X						G123-119P
GP-33-25	3/7/02		soil							1	1							sample added to C.O.C. per James Gamble 3/11/02
																		RCRA metals added per James Gamble 3/14/02

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	3-8-02	5:00	FED EX			
			[signature]	3-9-02	13:00	3.8°C

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

27 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

Page 1 of 1

ent: MED-ATLANTIC
dress: 405 ROGERS VILLAGE
dress: RALEIGH, NC 27610
ote #:

Project ID: PROGRESS ENERGY
Contact: JAMES GAMMICE
Phone: (919)250-3318
Fax: (919)250-3950

Date: 3-20-02
Turnaround: 1 WEEK
Job Number: 1215.01
P.O. Number: 1215.01

Report To: MAA - RALEIGH
Invoice To: MAA - RALEIGH

Sample ID	Date	Time	Matrix	Preservatives: NONE	Preservatives: HCL			Analyses: 8260	Analyses: 8270	Analyses: RCRA METALS	Analyses: 601/602	Analyses: 625						Comments; Please specify any special reporting requirements
																		SAMPLES COOLED W/ ICE
GP-9-25	3-20	11:00	SOIL	2				✓	✓	✓								
GP-1-10	3-20	1:00	SOIL	2				✓	✓									
GP-1	3-20	2:15	H_2O	1	3						3	1						
GP-42-15	3-20	2:30	SOIL	2				✓	✓									
GP-6-25	3-20	4:00	SOIL	2				✓	✓									
																		G122-1711

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	3-20-02	3:00	FED EX	3-20-02	5:00	
			[signature]	3/21/02	1015	2.1°C

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

27 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

Page 1 of

ent: MID-ATLANTIC / Project ID: HILLCREST EVANS / Date: 3-12-02 / Report To: MAA - RALEIGH
dress: 409 ROGERS VIEW CT / Contact: J.C. GAMBLE / Turnaround: NORMAL
dress: RALEIGH, NC 27610 / Phone: (919) 250-7918 / Job Number: 1215.01
ote #: / Fax: (919) 250-7950 / P.O. Number: 1215.01 / Invoice To: MAA - RALEIGH

Sample ID	Date	Time	Matrix	Preservatives: None	HCL			Analyses: 8260	8270	601/602	625	RCRA METALS					Comments: Please specify any special reporting requirements
																	SAMPLES COOLED W/ICE
GP-10-25	3-12-02	9:00	SOIL	2				1	1			1					
GP-10	3-12-02	10:30	H_2O	1	3					4	1						GIZZ-1704
GP-17-25	3-12-02	10:45	SOIL	2				1	1								
GP-38-20	3-12-02	1:00	SOIL	2				1	1								
GP-40-20	3-12-02	3:15	SOIL	2				1	1								
GP-41-15	3-12-02	4:35	SOIL	2				1	1								

Relinquished By	Date	Time	Received By	Date	Time	Temperature
James D Gamble	3-15-02	5:00	FED EX	3-15-02		
			[illegible]	3/16/02	1035	0.3°C

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

27 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 23139

Page 1 of 1

ent: MID-ATLANTIC
dress: 409 ROGERS ROAD CT.
dress: RALEIGH, NC 27610
ote #:

Project ID: PROGRESS ENERGY
Contact: JAMES GAMBLE
Phone: (919) 250-9918
Fax: (919) 250-9950

Date: 3-13-02
Turnaround: NORMAL
Job Number: 1215.01
P.O. Number: 1215.01

Report To: MAA-RALEIGH
Invoice To: MAA-RALEIGH

Sample ID	Date	Time	Matrix	Preservatives: NONE	HCL			Analyses: 8260	8270	Gas/Gas	GRS							Comments: Please specify any special reporting requirements
																		SAMPLES PACKED W/ICE
SP-37-25	3-13-02	9:00	SOIL	2				1	1									
SP-2-25	3-13-02	10:07	SOIL	2				1	1									G122-1704
SP-3-30	3-13-02	11:45	SOIL	2				1	1									
SP-4-10	3-13-02	2:15	SOIL	2				1	1									
SP-4	3-13-02	6:15	H2O	1	3					3	1							
SP-37-25	3-13-02	4:35	SOIL	2				1	1									

Relinquished By	Date	Time	Received By	Date	Time	Temperature
J.D. Gamble	3-15-02	5:00	FED EX	3/15/02		
			[illegible]	3/16/02	1035	0.3°C

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

27 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# [illegible]

Page 1 of ____

ent: MID-ATLANTIC ASSOC. Project ID: ACCESS FUEL Date: 3-14-02 Report To: MAA-RALEIGH
dress: 409 ACCESS DRIVE Contact: JAMES GAMBLE Turnaround: NORMAL JD GAMBLE
dress: RALEIGH, NC 27610 Phone: (919) 250-9518 Job Number: 121501
ote #: ____ Fax: (919) 250-9550 P.O. Number: 121501 Invoice To: MAA-RALEIGH

Sample ID	Date	Time	Matrix	Preservatives: None				Analyses: 8151	8021	8260	8270	Dekit Methane						Comments: Please specify any special reporting requirements
																		SAMPLES COOL W/ICE
SP-16-20	3-14-02	8:45	SOIL	2				1	1									
SP-15-20	3-14-02	9:45	SOIL	2				1	1									G122-1704
SP-13-20	3-14-02	10:30	SOIL	2						1	1							
SP-11-20	3-14-02	11:23	SOIL	2						1	1							
SP-12-20	3-14-02	1:00	SOIL	2						1	1							
SP-14-20	3-14-02	1:45	SOIL	2						1	1							
SP-8-25	3-14-02	3:25	SOIL	2						1	1	1						
SP-7-25	3-14-02	4:10	SOIL	2						1	1	1						
SP-5-25	3-14-02	5:35	SOIL	2						1	1							

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
J.D. Gamble	3-15-02	5:00	FED EX	3-15-02			NC ____ SC ____ Other ____
			[illegible]	3/16	1035	0.3°C	SEE REVERSE FOR TERMS AND CONDITIONS

APPENDIX D

LABORATORY REPORTS AND CHAIN-OF-CUSTODY RECORDS FOR GROUNDWATER SAMPLES

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 601

Client Sample ID: GP-1
Client Project ID: Progress Energy
Lab Sample ID: 40000
Lab Project ID: G122-1711

Analyzed By: EKR
Date Collected: 03/20/02
Date Received: 03/21/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Bromodichloromethane	3/25/02	1	1	BQL
Bromoform	3/25/02	1	2	BQL
Bromomethane	3/25/02	1	2	BQL
Carbon tetrachloride	3/25/02	1	1	BQL
Chlorobenzene	3/25/02	1	1	BQL
Chloroethane	3/25/02	1	1	BQL
Chloroform	3/25/02	1	1	8
Chloromethane	3/25/02	1	1	BQL
Dibromochloromethane	3/25/02	1	1	BQL
1,2-Dibromoethane (EDB)	3/25/02	1	1	BQL
1,2-Dichlorobenzene	3/25/02	1	1	BQL
1,3-Dichlorobenzene	3/25/02	1	1	BQL
1,4-Dichlorobenzene	3/25/02	1	1	BQL
1,1-Dichloroethane	3/25/02	1	1	BQL
1,2-Dichloroethane	3/25/02	1	1	BQL
1,1-Dichloroethene	3/25/02	1	1	BQL
cis-1,2-Dichloroethene	3/25/02	1	1	BQL
trans-1,2-Dichloroethene	3/25/02	1	1	BQL
1,2-Dichloropropane	3/25/02	1	1	BQL
cis-1,3-Dichloropropene	3/25/02	1	1	BQL
trans-1,3-Dichloropropene	3/25/02	1	1	BQL
Methylene Chloride	3/25/02	1	5	BQL
1,1,2,2-Tetrachloroethane	3/25/02	1	1	BQL
Tetrachloroethene	3/25/02	1	1	BQL
1,1,1-Trichloroethane	3/25/02	1	1	BQL
1,1,2-Trichloroethane	3/25/02	1	1	BQL
Trichloroethene	3/25/02	1	1	BQL
Trichlorofluoromethane	3/25/02	1	1	BQL
Vinyl Chloride	3/25/02	1	1	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
1,4-Dichlorobutane	40	40	99

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GC 602

Client Sample ID: GP-1
Client Project ID: Progress Energy
Lab Sample ID: 40000
Lab Project ID: G122-1711

Analyzed By: EKR
Date Collected: 3/20/02
Date Received: 3/21/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Benzene	3/25/02	1	1	BQL
Diisopropyl ether (DIPE)	3/25/02	1	1	BQL
Ethylbenzene	3/25/02	1	1	BQL
Methyl-tert-butyl ether (MTBE)	3/25/02	1	2	BQL
Toluene	3/25/02	1	1	BQL
m/p-Xylene	3/25/02	1	2	BQL
o-Xylene	3/25/02	1	2	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Trifluorotoluene	40	43	108

Comments:
All values corrected for dilution.

Flags:
BQL = Below quantitation limit

Reviewed By: [illegible]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-1
Client Project ID: Progress Energy
Lab Sample ID: 40000
Lab Project ID: G122-1711
Matrix: Water

Date Collected: 3/20/2002
Date Received: 3/21/2002
Date Analyzed: 3/25/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Acenaphthene	10	BQL
Acenaphthylene	10	BQL
Anthracene	10	BQL
Benzo[a]anthracene	10	BQL
Benzo[a]pyrene	10	BQL
Benzo[b]fluoranthene	10	BQL
Benzo[g,h,i]perylene	10	BQL
Benzo[k]fluoranthene	10	BQL
Bis(2-chloroethoxy)methane	10	BQL
Bis(2-chloroethyl)ether	10	BQL
Bis(2-chloroisopropyl)ether	10	BQL
Bis(2-ethylhexyl)phthalate	10	BQL
4-bromophenyl phenyl ether	10	BQL
Butylbenzylphthalate	10	BQL
4-Chloro-3-methylphenol	10	BQL
2-Chloronaphthalene	10	BQL
2-Chlorophenol	10	BQL
4-Chlorophenyl phenyl ether	10	BQL
Chrysene	10	BQL
Di-n-Butylphthalate	10	BQL
Di-n-octylphthalate	10	BQL
Dibenzo[a,h]anthracene	10	BQL
1,2-Dichlorobenzene	10	BQL
1,3-Dichlorobenzene	10	BQL
1,4-Dichlorobenzene	10	BQL
3,3'-Dichlorobenzidine	20	BQL
2,4-Dichlorophenol	10	BQL
Diethylphthalate	10	BQL
2,4-Dimethylphenol	10	BQL
Dimethylphthalate	10	BQL
4,6-Dinitro-2-methylphenol	50	BQL
2,4-Dinitrophenol	50	BQL
2,4-Dinitrotoluene	10	BQL
2,6-Dinitrotoluene	10	BQL
Fluoranthene	10	BQL
Fluorene	10	BQL
Hexachlorobenzene	10	BQL
Hexachlorobutadiene	10	BQL
Hexachlorocyclopentadiene	20	BQL
Hexachloroethane	10	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-1
Client Project ID: Progress Energy
Lab Sample ID: 40000
Lab Project ID: G122-1711
Matrix: Water

Date Collected: 3/20/2002
Date Received: 3/21/2002
Date Analyzed: 3/25/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Indeno(1,2,3-c,d)pyrene	10	BQL
Isophorone	10	BQL
N-Nitrosodi-n-propylamine	10	BQL
N-Nitrosodiphenylamine	10	BQL
Naphthalene	10	BQL
Nitrobenzene	10	BQL
2-Nitrophenol	10	BQL
4-Nitrophenol	50	BQL
Pentachlorophenol	50	BQL
Phenanthrene	10	BQL
Phenol	10	BQL
Pyrene	10	BQL
1,2,4-Trichlorobenzene	10	BQL
2,4,6-Trichlorophenol	10	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	12.1	121
2-Fluorophenol	10	10.4	104
Nitrobenzene-d5	10	10.7	107
Phenol-d6	10	9.8	98
2,4,6-Tribromophenol	10	8.3	83
4-Terphenyl-d14	10	12.0	120

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results of Analysis
by GC 601

Client Sample ID: GP-4
Client Project ID: Progress Energy
Lab Sample ID: 39711
Lab Project ID: G122-1704

Analyzed By: EES
Date Collected: 03/13/02
Date Received: 03/16/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Bromodichloromethane	3/22/02	1	1	BQL
Bromoform	3/22/02	1	2	BQL
Bromomethane	3/22/02	1	2	BQL
Carbon tetrachloride	3/22/02	1	1	BQL
Chlorobenzene	3/22/02	1	1	BQL
Chloroethane	3/22/02	1	1	BQL
Chloroform	3/22/02	1	1	BQL
Chloromethane	3/22/02	1	1	BQL
Dibromochloromethane	3/22/02	1	1	BQL
1,2-Dibromoethane (EDB)	3/22/02	1	1	BQL
1,2-Dichlorobenzene	3/22/02	1	1	BQL
1,3-Dichlorobenzene	3/22/02	1	1	BQL
1,4-Dichlorobenzene	3/22/02	1	1	BQL
1,1-Dichloroethane	3/22/02	1	1	BQL
1,2-Dichloroethane	3/22/02	1	1	BQL
1,1-Dichloroethene	3/22/02	1	1	BQL
cis-1,2-Dichloroethene	3/22/02	1	1	BQL
trans-1,2-Dichloroethene	3/22/02	1	1	BQL
1,2-Dichloropropane	3/22/02	1	1	BQL
cis-1,3-Dichloropropene	3/22/02	1	1	BQL
trans-1,3-Dichloropropene	3/22/02	1	1	BQL
Methylene Chloride	3/22/02	1	5	BQL
1,1,2,2-Tetrachloroethane	3/22/02	1	1	BQL
Tetrachloroethene	3/22/02	1	1	BQL
1,1,1-Trichloroethane	3/22/02	1	1	BQL
1,1,2-Trichloroethane	3/22/02	1	1	BQL
Trichloroethene	3/22/02	1	1	BQL
Trichlorofluoromethane	3/22/02	1	1	BQL
Vinyl Chloride	3/22/02	1	1	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
1,4-Dichlorobutane	40	45	113

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit.

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 602

Client Sample ID: GP-4
Client Project ID: Progress Energy
Lab Sample ID: 39711
Lab Project ID: G122-1704

Analyzed By: EES
Date Collected: 3/13/02
Date Received: 3/16/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Benzene	3/22/02	1	1	BQL
Diisopropyl ether (DIPE)	3/22/02	1	1	BQL
Ethylbenzene	3/22/02	1	1	BQL
Methyl-tert-butyl ether (MTBE)	3/22/02	1	2	BQL
Toluene	3/22/02	1	1	BQL
m/p-Xylene	3/22/02	1	2	BQL
o-Xylene	3/22/02	1	2	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Trifluorotoluene	40	44	109

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-4
Client Project ID: Progress Energy
Lab Sample ID: 39711
Lab Project ID: G122-1704
Matrix: Water

Date Collected: 3/13/2002
Date Received: 3/16/2002
Date Analyzed: 3/22/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Acenaphthene	10	BQL
Acenaphthylene	10	BQL
Anthracene	10	BQL
Benzo[a]anthracene	10	BQL
Benzo[a]pyrene	10	BQL
Benzo[b]fluoranthene	10	BQL
Benzo[g,h,i]perylene	10	BQL
Benzo[k]fluoranthene	10	BQL
Bis(2-chloroethoxy)methane	10	BQL
Bis(2-chloroethyl)ether	10	BQL
Bis(2-chloroisopropyl)ether	10	BQL
Bis(2-ethylhexyl)phthalate	10	BQL
4-bromophenyl phenyl ether	10	BQL
Butylbenzylphthalate	10	BQL
4-Chloro-3-methylphenol	10	BQL
2-Chloronaphthalene	10	BQL
2-Chlorophenol	10	BQL
4-Chlorophenyl phenyl ether	10	BQL
Chrysene	10	BQL
Di-n-Butylphthalate	10	BQL
Di-n-octylphthalate	10	BQL
Dibenzo[a,h]anthracene	10	BQL
1,2-Dichlorobenzene	10	BQL
1,3-Dichlorobenzene	10	BQL
1,4-Dichlorobenzene	10	BQL
3,3'-Dichlorobenzidine	20	BQL
2,4-Dichlorophenol	10	BQL
Diethylphthalate	10	58
2,4-Dimethylphenol	10	BQL
Dimethylphthalate	10	BQL
4,6-Dinitro-2-methylphenol	50	BQL
2,4-Dinitrophenol	50	BQL
2,4-Dinitrotoluene	10	BQL
2,6-Dinitrotoluene	10	BQL
Fluoranthene	10	BQL
Fluorene	10	BQL
Hexachlorobenzene	10	BQL
Hexachlorobutadiene	10	BQL
Hexachlorocyclopentadiene	20	BQL
Hexachloroethane	10	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-4
Client Project ID: Progress Energy
Lab Sample ID: 39711
Lab Project ID: G122-1704
Matrix: Water

Date Collected: 3/13/2002
Date Received: 3/16/2002
Date Analyzed: 3/22/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Indeno(1,2,3-c,d)pyrene	10	BQL
Isophorone	10	BQL
N-Nitrosodi-n-propylamine	10	BQL
N-Nitrosodiphenylamine	10	BQL
Naphthalene	10	23
Nitrobenzene	10	BQL
2-Nitrophenol	10	BQL
4-Nitrophenol	50	BQL
Pentachlorophenol	50	BQL
Phenanthrene	10	BQL
Phenol	10	BQL
Pyrene	10	BQL
1,2,4-Trichlorobenzene	10	BQL
2,4,6-Trichlorophenol	10	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.0	90
2-Fluorophenol	10	6.9	69
Nitrobenzene-d5	10	9.9	99
Phenol-d6	10	7.3	73
2,4,6-Tribromophenol	10	6.4	64
4-Terphenyl-d14	10	4.1	41

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 601

Client Sample ID: GP-10
Client Project ID: Progress Energy
Lab Sample ID: 39702
Lab Project ID: G122-1704

Analyzed By: EES
Date Collected: 03/12/02
Date Received: 03/16/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Bromodichloromethane	3/21/02	1	1	BQL
Bromoform	3/21/02	1	2	BQL
Bromomethane	3/21/02	1	2	BQL
Carbon tetrachloride	3/21/02	1	1	BQL
Chlorobenzene	3/21/02	1	1	BQL
Chloroethane	3/21/02	1	1	BQL
Chloroform	3/21/02	1	1	BQL
Chloromethane	3/21/02	1	1	BQL
Dibromochloromethane	3/21/02	1	1	BQL
1,2-Dibromoethane (EDB)	3/21/02	1	1	BQL
1,2-Dichlorobenzene	3/21/02	1	1	BQL
1,3-Dichlorobenzene	3/21/02	1	1	BQL
1,4-Dichlorobenzene	3/21/02	1	1	BQL
1,1-Dichloroethane	3/21/02	1	1	BQL
1,2-Dichloroethane	3/21/02	1	1	BQL
1,1-Dichloroethene	3/21/02	1	1	BQL
cis-1,2-Dichloroethene	3/21/02	1	1	BQL
trans-1,2-Dichloroethene	3/21/02	1	1	BQL
1,2-Dichloropropane	3/21/02	1	1	BQL
cis-1,3-Dichloropropene	3/21/02	1	1	BQL
trans-1,3-Dichloropropene	3/21/02	1	1	BQL
Methylene Chloride	3/21/02	1	5	BQL
1,1,2,2-Tetrachloroethane	3/21/02	1	1	BQL
Tetrachloroethene	3/21/02	1	1	BQL
1,1,1-Trichloroethane	3/21/02	1	1	BQL
1,1,2-Trichloroethane	3/21/02	1	1	BQL
Trichloroethene	3/21/02	1	1	BQL
Trichlorofluoromethane	3/21/02	1	1	BQL
Vinyl Chloride	3/21/02	1	1	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
1,4-Dichlorobutane	40	42	105

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 602

Client Sample ID: GP-10
Client Project ID: Progress Energy
Lab Sample ID: 39702
Lab Project ID: G122-1704

Analyzed By: EES
Date Collected: 3/12/02
Date Received: 3/16/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Benzene	3/21/02	1	1	BQL
Diisopropyl ether (DIPE)	3/21/02	1	1	BQL
Ethylbenzene	3/21/02	1	1	BQL
Methyl-tert-butyl ether (MTBE)	3/21/02	1	2	BQL
Toluene	3/21/02	1	1	BQL
m/p-Xylene	3/21/02	1	2	BQL
o-Xylene	3/21/02	1	2	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Trifluorotoluene	40	41	102

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit

Reviewed By: [illegible]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-10
Client Project ID: Progress Energy
Lab Sample ID: 39702
Lab Project ID: G122-1704
Matrix: Water

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/22/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Acenaphthene	10	BQL
Acenaphthylene	10	BQL
Anthracene	10	BQL
Benzo[a]anthracene	10	BQL
Benzo[a]pyrene	10	BQL
Benzo[b]fluoranthene	10	BQL
Benzo[g,h,i]perylene	10	BQL
Benzo[k]fluoranthene	10	BQL
Bis(2-chloroethoxy)methane	10	BQL
Bis(2-chloroethyl)ether	10	BQL
Bis(2-chloroisopropyl)ether	10	BQL
Bis(2-ethylhexyl)phthalate	10	BQL
4-bromophenyl phenyl ether	10	BQL
Butylbenzylphthalate	10	BQL
4-Chloro-3-methylphenol	10	BQL
2-Chloronaphthalene	10	BQL
2-Chlorophenol	10	BQL
4-Chlorophenyl phenyl ether	10	BQL
Chrysene	10	BQL
Di-n-Butylphthalate	10	BQL
Di-n-octylphthalate	10	BQL
Dibenzo[a,h]anthracene	10	BQL
1,2-Dichlorobenzene	10	BQL
1,3-Dichlorobenzene	10	BQL
1,4-Dichlorobenzene	10	BQL
3,3'-Dichlorobenzidine	20	BQL
2,4-Dichlorophenol	10	BQL
Diethylphthalate	10	BQL
2,4-Dimethylphenol	10	BQL
Dimethylphthalate	10	BQL
4,6-Dinitro-2-methylphenol	50	BQL
2,4-Dinitrophenol	50	BQL
2,4-Dinitrotoluene	10	BQL
2,6-Dinitrotoluene	10	BQL
Fluoranthene	10	BQL
Fluorene	10	BQL
Hexachlorobenzene	10	BQL
Hexachlorobutadiene	10	BQL
Hexachlorocyclopentadiene	20	BQL
Hexachloroethane	10	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-10
Client Project ID: Progress Energy
Lab Sample ID: 39702
Lab Project ID: G122-1704
Matrix: Water

Date Collected: 3/12/2002
Date Received: 3/16/2002
Date Analyzed: 3/22/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Indeno(1,2,3-c,d)pyrene	10	BQL
Isophorone	10	BQL
N-Nitrosodi-n-propylamine	10	BQL
N-Nitrosodiphenylamine	10	BQL
Naphthalene	10	BQL
Nitrobenzene	10	BQL
2-Nitrophenol	10	BQL
4-Nitrophenol	50	BQL
Pentachlorophenol	50	BQL
Phenanthrene	10	BQL
Phenol	10	BQL
Pyrene	10	BQL
1,2,4-Trichlorobenzene	10	BQL
2,4,6-Trichlorophenol	10	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.7	107
2-Fluorophenol	10	8.5	85
Nitrobenzene-d5	10	9.2	92
Phenol-d6	10	9.1	91
2,4,6-Tribromophenol	10	8.7	87
4-Terphenyl-d14	10	8.9	89

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 601

Client Sample ID: GP-19
Client Project ID: Progress Energy
Lab Sample ID: 39179
Lab Project ID: G122-1698

Analyzed By: EKR
Date Collected: 03/08/02
Date Received: 03/09/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Bromodichloromethane	3/14/02	1	1	BQL
Bromoform	3/14/02	1	2	BQL
Bromomethane	3/14/02	1	2	BQL
Carbon tetrachloride	3/14/02	1	1	BQL
Chlorobenzene	3/14/02	1	1	BQL
Chloroethane	3/14/02	1	1	BQL
Chloroform	3/14/02	1	1	BQL
Chloromethane	3/14/02	1	1	BQL
Dibromochloromethane	3/14/02	1	1	BQL
1,2-Dibromoethane (EDB)	3/14/02	1	1	BQL
1,2-Dichlorobenzene	3/14/02	1	1	BQL
1,3-Dichlorobenzene	3/14/02	1	1	BQL
1,4-Dichlorobenzene	3/14/02	1	1	BQL
1,1-Dichloroethane	3/14/02	1	1	BQL
1,2-Dichloroethane	3/14/02	1	1	2
1,1-Dichloroethene	3/14/02	1	1	BQL
cis-1,2-Dichloroethene	3/14/02	1	1	BQL
trans-1,2-Dichloroethene	3/14/02	1	1	BQL
1,2-Dichloropropane	3/14/02	1	1	BQL
cis-1,3-Dichloropropene	3/14/02	1	1	BQL
trans-1,3-Dichloropropene	3/14/02	1	1	BQL
Methylene Chloride	3/14/02	1	5	BQL
1,1,2,2-Tetrachloroethane	3/14/02	1	1	BQL
Tetrachloroethene	3/14/02	1	1	BQL
1,1,1-Trichloroethane	3/14/02	1	1	BQL
1,1,2-Trichloroethane	3/14/02	1	1	BQL
Trichloroethene	3/14/02	1	1	BQL
Trichlorofluoromethane	3/14/02	1	1	BQL
Vinyl Chloride	3/14/02	1	1	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
1,4-Dichlorobutane	40	44	109

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit.

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 602

Client Sample ID: GP-19
Client Project ID: Progress Energy
Lab Sample ID: 39179
Lab Project ID: G122-1698

Analyzed By: EKR
Date Collected: 3/8/02
Date Received: 3/9/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Benzene	3/14/02	10	10	650
Diisopropyl ether (DIPE)	3/14/02	10	10	BQL
Ethylbenzene	3/14/02	10	10	BQL
Methyl-tert-butyl ether (MTBE)	3/14/02	10	20	BQL
Toluene	3/14/02	10	10	BQL
m/p-Xylene	3/14/02	10	20	48
o-Xylene	3/14/02	10	20	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Trifluorotoluene	40	45	112

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-19
Client Project ID: Progress Energy
Lab Sample ID: 39179
Lab Project ID: G122-1698
Matrix: Water

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Acenaphthene	10	BQL
Acenaphthylene	10	BQL
Anthracene	10	BQL
Benzo[a]anthracene	10	BQL
Benzo[a]pyrene	10	BQL
Benzo[b]fluoranthene	10	BQL
Benzo[g,h,i]perylene	10	BQL
Benzo[k]fluoranthene	10	BQL
Bis(2-chloroethoxy)methane	10	BQL
Bis(2-chloroethyl)ether	10	BQL
Bis(2-chloroisopropyl)ether	10	BQL
Bis(2-ethylhexyl)phthalate	10	BQL
4-bromophenyl phenyl ether	10	BQL
Butylbenzylphthalate	10	BQL
4-Chloro-3-methylphenol	10	BQL
2-Chloronaphthalene	10	BQL
2-Chlorophenol	10	BQL
4-Chlorophenyl phenyl ether	10	BQL
Chrysene	10	BQL
Di-n-Butylphthalate	10	BQL
Di-n-octylphthalate	10	BQL
Dibenzo[a,h]anthracene	10	BQL
1,2-Dichlorobenzene	10	BQL
1,3-Dichlorobenzene	10	BQL
1,4-Dichlorobenzene	10	BQL
3,3'-Dichlorobenzidine	20	BQL
2,4-Dichlorophenol	10	BQL
Diethylphthalate	10	BQL
2,4-Dimethylphenol	10	BQL
Dimethylphthalate	10	BQL
4,6-Dinitro-2-methylphenol	50	BQL
2,4-Dinitrophenol	50	BQL
2,4-Dinitrotoluene	10	BQL
2,6-Dinitrotoluene	10	BQL
Fluoranthene	10	BQL
Fluorene	10	BQL
Hexachlorobenzene	10	BQL
Hexachlorobutadiene	10	BQL
Hexachlorocyclopentadiene	20	BQL
Hexachloroethane	10	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-19
Client Project ID: Progress Energy
Lab Sample ID: 39179
Lab Project ID: G122-1698
Matrix: Water

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/14/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Indeno(1,2,3-c,d)pyrene	10	BQL
Isophorone	10	BQL
N-Nitrosodi-n-propylamine	10	BQL
N-Nitrosodiphenylamine	10	BQL
Naphthalene	10	BQL
Nitrobenzene	10	BQL
2-Nitrophenol	10	BQL
4-Nitrophenol	50	BQL
Pentachlorophenol	50	BQL
Phenanthrene	10	BQL
Phenol	10	BQL
Pyrene	10	BQL
1,2,4-Trichlorobenzene	10	BQL
2,4,6-Trichlorophenol	10	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.3	103
2-Fluorophenol	10	5.1	51
Nitrobenzene-d5	10	9.4	94
Phenol-d6	10	9.1	91
2,4,6-Tribromophenol	10	8.3	83
4-Terphenyl-d14	10	9.5	95

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 601

Client Sample ID: GP-26
Client Project ID: Progress Energy
Lab Sample ID: 39168
Lab Project ID: G122-1698

Analyzed By: EKR
Date Collected: 03/07/02
Date Received: 03/09/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Bromodichloromethane	3/14/02	1	1	BQL
Bromoform	3/14/02	1	2	BQL
Bromomethane	3/14/02	1	2	BQL
Carbon tetrachloride	3/14/02	1	1	BQL
Chlorobenzene	3/14/02	1	1	BQL
Chloroethane	3/14/02	1	1	BQL
Chloroform	3/14/02	1	1	BQL
Chloromethane	3/14/02	1	1	BQL
Dibromochloromethane	3/14/02	1	1	BQL
1,2-Dibromoethane (EDB)	3/14/02	1	1	BQL
1,2-Dichlorobenzene	3/14/02	1	1	BQL
1,3-Dichlorobenzene	3/14/02	1	1	BQL
1,4-Dichlorobenzene	3/14/02	1	1	BQL
1,1-Dichloroethane	3/14/02	1	1	BQL
1,2-Dichloroethane	3/14/02	1	1	BQL
1,1-Dichloroethene	3/14/02	1	1	BQL
cis-1,2-Dichloroethene	3/14/02	1	1	BQL
trans-1,2-Dichloroethene	3/14/02	1	1	BQL
1,2-Dichloropropane	3/14/02	1	1	BQL
cis-1,3-Dichloropropene	3/14/02	1	1	BQL
trans-1,3-Dichloropropene	3/14/02	1	1	BQL
Methylene Chloride	3/14/02	1	5	BQL
1,1,2,2-Tetrachloroethane	3/14/02	1	1	BQL
Tetrachloroethene	3/14/02	1	1	BQL
1,1,1-Trichloroethane	3/14/02	1	1	BQL
1,1,2-Trichloroethane	3/14/02	1	1	BQL
Trichloroethene	3/14/02	1	1	BQL
Trichlorofluoromethane	3/14/02	1	1	BQL
Vinyl Chloride	3/14/02	1	1	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
1,4-Dichlorobutane	40	44	109

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit.

Reviewed By: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 602

Client Sample ID: GP-26
Client Project ID: Progress Energy
Lab Sample ID: 39168
Lab Project ID: G122-1698

Analyzed By: EKR
Date Collected: 3/7/02
Date Received: 3/9/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Benzene	3/14/02	1	1	14
Diisopropyl ether (DIPE)	3/14/02	1	1	BQL
Ethylbenzene	3/14/02	1	1	9
Methyl-tert-butyl ether (MTBE)	3/14/02	1	2	BQL
Toluene	3/14/02	1	1	34
m/p-Xylene	3/14/02	1	2	26
o-Xylene	3/14/02	1	2	12

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Trifluorotoluene	40	43	108

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-26
Client Project ID: Progress Energy
Lab Sample ID: 39168
Lab Project ID: G122-1698
Matrix: Water

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Acenaphthene	10	BQL
Acenaphthylene	10	BQL
Anthracene	10	BQL
Benzo[a]anthracene	10	BQL
Benzo[a]pyrene	10	BQL
Benzo[b]fluoranthene	10	BQL
Benzo[g,h,i]perylene	10	BQL
Benzo[k]fluoranthene	10	BQL
Bis(2-chloroethoxy)methane	10	BQL
Bis(2-chloroethyl)ether	10	BQL
Bis(2-chloroisopropyl)ether	10	BQL
Bis(2-ethylhexyl)phthalate	10	BQL
4-bromophenyl phenyl ether	10	BQL
Butylbenzylphthalate	10	BQL
4-Chloro-3-methylphenol	10	BQL
2-Chloronaphthalene	10	BQL
2-Chlorophenol	10	BQL
4-Chlorophenyl phenyl ether	10	BQL
Chrysene	10	BQL
Di-n-Butylphthalate	10	BQL
Di-n-octylphthalate	10	BQL
Dibenzo[a,h]anthracene	10	BQL
1,2-Dichlorobenzene	10	BQL
1,3-Dichlorobenzene	10	BQL
1,4-Dichlorobenzene	10	BQL
3,3'-Dichlorobenzidine	20	BQL
2,4-Dichlorophenol	10	BQL
Diethylphthalate	10	BQL
2,4-Dimethylphenol	10	BQL
Dimethylphthalate	10	BQL
4,6-Dinitro-2-methylphenol	50	BQL
2,4-Dinitrophenol	50	BQL
2,4-Dinitrotoluene	10	BQL
2,6-Dinitrotoluene	10	BQL
Fluoranthene	10	BQL
Fluorene	10	BQL
Hexachlorobenzene	10	BQL
Hexachlorobutadiene	10	BQL
Hexachlorocyclopentadiene	20	BQL
Hexachloroethane	10	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-26
Client Project ID: Progress Energy
Lab Sample ID: 39168
Lab Project ID: G122-1698
Matrix: Water

Date Collected: 3/7/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Indeno(1,2,3-c,d)pyrene	10	BQL
Isophorone	10	BQL
N-Nitrosodi-n-propylamine	10	BQL
N-Nitrosodiphenylamine	10	BQL
Naphthalene	10	BQL
Nitrobenzene	10	BQL
2-Nitrophenol	10	BQL
4-Nitrophenol	50	BQL
Pentachlorophenol	50	BQL
Phenanthrene	10	BQL
Phenol	10	BQL
Pyrene	10	BQL
1,2,4-Trichlorobenzene	10	BQL
2,4,6-Trichlorophenol	10	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.4	104
2-Fluorophenol	10	7.9	79
Nitrobenzene-d5	10	9.0	90
Phenol-d6	10	8.6	86
2,4,6-Tribromophenol	10	7.8	78
4-Terphenyl-d14	10	9.2	92

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 601

Client Sample ID: GP-28
Client Project ID: Progress Energy
Lab Sample ID: 39162
Lab Project ID: G122-1698

Analyzed By: EKR
Date Collected: 03/06/02
Date Received: 03/09/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Bromodichloromethane	3/14/02	1	1	BQL
Bromoform	3/14/02	1	2	BQL
Bromomethane	3/14/02	1	2	BQL
Carbon tetrachloride	3/14/02	1	1	BQL
Chlorobenzene	3/14/02	1	1	BQL
Chloroethane	3/14/02	1	1	BQL
Chloroform	3/14/02	1	1	BQL
Chloromethane	3/14/02	1	1	BQL
Dibromochloromethane	3/14/02	1	1	BQL
1,2-Dibromoethane (EDB)	3/14/02	1	1	BQL
1,2-Dichlorobenzene	3/14/02	1	1	BQL
1,3-Dichlorobenzene	3/14/02	1	1	BQL
1,4-Dichlorobenzene	3/14/02	1	1	BQL
1,1-Dichloroethane	3/14/02	1	1	BQL
1,2-Dichloroethane	3/14/02	1	1	BQL
1,1-Dichloroethene	3/14/02	1	1	BQL
cis-1,2-Dichloroethene	3/14/02	1	1	BQL
trans-1,2-Dichloroethene	3/14/02	1	1	BQL
1,2-Dichloropropane	3/14/02	1	1	BQL
cis-1,3-Dichloropropene	3/14/02	1	1	BQL
trans-1,3-Dichloropropene	3/14/02	1	1	BQL
Methylene Chloride	3/14/02	1	5	BQL
1,1,2,2-Tetrachloroethane	3/14/02	1	1	BQL
Tetrachloroethene	3/14/02	1	1	BQL
1,1,1-Trichloroethane	3/14/02	1	1	BQL
1,1,2-Trichloroethane	3/14/02	1	1	BQL
Trichloroethene	3/14/02	1	1	BQL
Trichlorofluoromethane	3/14/02	1	1	BQL
Vinyl Chloride	3/14/02	1	1	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
1,4-Dichlorobutane	40	43	108

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 602

Client Sample ID: GP-28
Client Project ID: Progress Energy
Lab Sample ID: 39162
Lab Project ID: G122-1698

Analyzed By: EKR
Date Collected: 3/6/02
Date Received: 3/9/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Benzene	3/14/02	1	1	BQL
Diisopropyl ether (DIPE)	3/14/02	1	1	BQL
Ethylbenzene	3/14/02	1	1	BQL
Methyl-tert-butyl ether (MTBE)	3/14/02	1	2	BQL
Toluene	3/14/02	1	1	BQL
m/p-Xylene	3/14/02	1	2	BQL
o-Xylene	3/14/02	1	2	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Trifluorotoluene	40	43	108

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-28
Client Project ID: Progress Energy
Lab Sample ID: 39162
Lab Project ID: G122-1698
Matrix: Water

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Acenaphthene	10	BQL
Acenaphthylene	10	BQL
Anthracene	10	BQL
Benzo[a]anthracene	10	BQL
Benzo[a]pyrene	10	BQL
Benzo[b]fluoranthene	10	BQL
Benzo[g,h,i]perylene	10	BQL
Benzo[k]fluoranthene	10	BQL
Bis(2-chloroethoxy)methane	10	BQL
Bis(2-chloroethyl)ether	10	BQL
Bis(2-chloroisopropyl)ether	10	BQL
Bis(2-ethylhexyl)phthalate	10	BQL
4-bromophenyl phenyl ether	10	BQL
Butylbenzylphthalate	10	BQL
4-Chloro-3-methylphenol	10	BQL
2-Chloronaphthalene	10	BQL
2-Chlorophenol	10	BQL
4-Chlorophenyl phenyl ether	10	BQL
Chrysene	10	BQL
Di-n-Butylphthalate	10	BQL
Di-n-octylphthalate	10	BQL
Dibenzo[a,h]anthracene	10	BQL
1,2-Dichlorobenzene	10	BQL
1,3-Dichlorobenzene	10	BQL
1,4-Dichlorobenzene	10	BQL
3,3'-Dichlorobenzidine	20	BQL
2,4-Dichlorophenol	10	BQL
Diethylphthalate	10	BQL
2,4-Dimethylphenol	10	BQL
Dimethylphthalate	10	BQL
4,6-Dinitro-2-methylphenol	50	BQL
2,4-Dinitrophenol	50	BQL
2,4-Dinitrotoluene	10	BQL
2,6-Dinitrotoluene	10	BQL
Fluoranthene	10	BQL
Fluorene	10	BQL
Hexachlorobenzene	10	BQL
Hexachlorobutadiene	10	BQL
Hexachlorocyclopentadiene	20	BQL
Hexachloroethane	10	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-28
Client Project ID: Progress Energy
Lab Sample ID: 39162
Lab Project ID: G122-1698
Matrix: Water

Date Collected: 3/6/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Indeno(1,2,3-c,d)pyrene	10	BQL
Isophorone	10	BQL
N-Nitrosodi-n-propylamine	10	BQL
N-Nitrosodiphenylamine	10	BQL
Naphthalene	10	BQL
Nitrobenzene	10	BQL
2-Nitrophenol	10	BQL
4-Nitrophenol	50	BQL
Pentachlorophenol	50	BQL
Phenanthrene	10	BQL
Phenol	10	BQL
Pyrene	10	BQL
1,2,4-Trichlorobenzene	10	BQL
2,4,6-Trichlorophenol	10	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.9	109
2-Fluorophenol	10	7.1	71
Nitrobenzene-d5	10	9.4	94
Phenol-d6	10	8.7	87
2,4,6-Tribromophenol	10	7.8	78
4-Terphenyl-d14	10	9.5	95

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 601

Client Sample ID: GP-35
Client Project ID: Progress Energy
Lab Sample ID: 39175
Lab Project ID: G122-1698

Analyzed By: EKR
Date Collected: 03/08/02
Date Received: 03/09/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Bromodichloromethane	3/14/02	1	1	BQL
Bromoform	3/14/02	1	2	BQL
Bromomethane	3/14/02	1	2	BQL
Carbon tetrachloride	3/14/02	1	1	BQL
Chlorobenzene	3/14/02	1	1	BQL
Chloroethane	3/14/02	1	1	BQL
Chloroform	3/14/02	1	1	BQL
Chloromethane	3/14/02	1	1	BQL
Dibromochloromethane	3/14/02	1	1	BQL
1,2-Dibromoethane (EDB)	3/14/02	1	1	BQL
1,2-Dichlorobenzene	3/14/02	1	1	BQL
1,3-Dichlorobenzene	3/14/02	1	1	BQL
1,4-Dichlorobenzene	3/14/02	1	1	BQL
1,1-Dichloroethane	3/14/02	1	1	BQL
1,2-Dichloroethane	3/14/02	1	1	BQL
1,1-Dichloroethene	3/14/02	1	1	BQL
cis-1,2-Dichloroethene	3/14/02	1	1	BQL
trans-1,2-Dichloroethene	3/14/02	1	1	BQL
1,2-Dichloropropane	3/14/02	1	1	BQL
cis-1,3-Dichloropropene	3/14/02	1	1	BQL
trans-1,3-Dichloropropene	3/14/02	1	1	BQL
Methylene Chloride	3/14/02	1	5	BQL
1,1,2,2-Tetrachloroethane	3/14/02	1	1	BQL
Tetrachloroethene	3/14/02	1	1	BQL
1,1,1-Trichloroethane	3/14/02	1	1	BQL
1,1,2-Trichloroethane	3/14/02	1	1	BQL
Trichloroethene	3/14/02	1	1	BQL
Trichlorofluoromethane	3/14/02	1	1	BQL
Vinyl Chloride	3/14/02	1	1	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
1,4-Dichlorobutane	40	44	110

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles

by GC 602

Client Sample ID: GP-35
Client Project ID: Progress Energy
Lab Sample ID: 39175
Lab Project ID: G122-1698

Analyzed By: EKR
Date Collected: 3/8/02
Date Received: 3/9/02
Matrix: Water

Compound	Date Analyzed	Dilution	Quantitation Limit (ug/L)	Result (ug/L)
Benzene	3/14/02	1	1	BQL
Diisopropyl ether (DIPE)	3/14/02	1	1	BQL
Ethylbenzene	3/14/02	1	1	BQL
Methyl-tert-butyl ether (MTBE)	3/14/02	1	2	BQL
Toluene	3/14/02	1	1	BQL
m/p-Xylene	3/14/02	1	2	BQL
o-Xylene	3/14/02	1	2	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Trifluorotoluene	40	43	107

Comments:

All values corrected for dilution.

Flags:

BQL = Below quantitation limit

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-35
Client Project ID: Progress Energy
Lab Sample ID: 39175
Lab Project ID: G122-1698
Matrix: Water

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Acenaphthene	10	BQL
Acenaphthylene	10	BQL
Anthracene	10	BQL
Benzo[a]anthracene	10	BQL
Benzo[a]pyrene	10	BQL
Benzo[b]fluoranthene	10	BQL
Benzo[g,h,i]perylene	10	BQL
Benzo[k]fluoranthene	10	BQL
Bis(2-chloroethoxy)methane	10	BQL
Bis(2-chloroethyl)ether	10	BQL
Bis(2-chloroisopropyl)ether	10	BQL
Bis(2-ethylhexyl)phthalate	10	BQL
4-bromophenyl phenyl ether	10	BQL
Butylbenzylphthalate	10	BQL
4-Chloro-3-methylphenol	10	BQL
2-Chloronaphthalene	10	BQL
2-Chlorophenol	10	BQL
4-Chlorophenyl phenyl ether	10	BQL
Chrysene	10	BQL
Di-n-Butylphthalate	10	BQL
Di-n-octylphthalate	10	BQL
Dibenzo[a,h]anthracene	10	BQL
1,2-Dichlorobenzene	10	BQL
1,3-Dichlorobenzene	10	BQL
1,4-Dichlorobenzene	10	BQL
3,3'-Dichlorobenzidine	20	BQL
2,4-Dichlorophenol	10	BQL
Diethylphthalate	10	BQL
2,4-Dimethylphenol	10	BQL
Dimethylphthalate	10	BQL
4,6-Dinitro-2-methylphenol	50	BQL
2,4-Dinitrophenol	50	BQL
2,4-Dinitrotoluene	10	BQL
2,6-Dinitrotoluene	10	BQL
Fluoranthene	10	BQL
Fluorene	10	BQL
Hexachlorobenzene	10	BQL
Hexachlorobutadiene	10	BQL
Hexachlorocyclopentadiene	20	BQL
Hexachloroethane	10	BQL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: GP-35
Client Project ID: Progress Energy
Lab Sample ID: 39175
Lab Project ID: G122-1698
Matrix: Water

Date Collected: 3/8/2002
Date Received: 3/9/2002
Date Analyzed: 3/13/2002
Analyzed By: MRC
Dilution: 1

Compound	Quantitation Limit (ug/L)	Result (ug/L)
Indeno(1,2,3-c,d)pyrene	10	BQL
Isophorone	10	BQL
N-Nitrosodi-n-propylamine	10	BQL
N-Nitrosodiphenylamine	10	BQL
Naphthalene	10	BQL
Nitrobenzene	10	BQL
2-Nitrophenol	10	BQL
4-Nitrophenol	50	BQL
Pentachlorophenol	50	BQL
Phenanthrene	10	BQL
Phenol	10	BQL
Pyrene	10	BQL
1,2,4-Trichlorobenzene	10	BQL
2,4,6-Trichlorophenol	10	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.2	92
2-Fluorophenol	10	6.8	68
Nitrobenzene-d5	10	8.0	80
Phenol-d6	10	7.9	79
2,4,6-Tribromophenol	10	7.4	74
4-Terphenyl-d14	10	11.0	110

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By:

COC #

27 Northchase Parkway SE, Wilmington, NC 28405 — Chain-of Custody Record & Analytical Request

one: (910)-350-1903 FAX: (910)-350-1557

Page ___ of ___

ent: MID-Atlantic — Project ID: Brooks Avenue — Date: 3-6-02 — Report To: [illegible]

dress: [illegible] — Contact: [illegible] — Turnaround: Normal

dress: Raleigh, NC [illegible] — Phone: (919) 232-[illegible] — Job Number: 121[illegible]

ote #: ___ — Fax: (919) 232-[illegible] — P.O. Number: 121[illegible] — Invoice To: [illegible]

Sample ID.	Date	Time	Matrix	Preservatives: HCl	Preservatives: None			Analyses: 8260	Analyses: 8270	Analyses: Lead/Cr	Analyses: 6035	Analyses: RCRA METALS						Comments: Please specify any special reporting requirements
GP-34-25	3-6	11:00			2			1	1									Samples (water) w/ [illegible]
GP 28-25	↓	1245			2			1	1			X						G122-1698
GP-25-30		12:05			2			1	1			X						
GP 28	↓	1:00								3	1							
GP-22-24	3-6	3:00			2			1	1									
GP-~~20-25~~ 21-24	3-6	4:07			2			1	1									change ID to GP-21-24 per James Gaddy 7/[illegible]/02
GP 21-24	3-6	2:00			2			1	1			X						
GP ~~20-25~~ 21-24	3-6	6:00			2			1	1									RCRA metals added per James Gaddy [illegible] 3/8/02
GP-20-10	3-7	9:15			2			1	1			X						
GP-24	3-7	10:15								3	1							

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[illegible]	3-8-02	3:00	FED EX			
			[illegible]	3-9-02	13:00	3.8°C

State Certification Requested

NC ___ SC ___ Other ___

SEE REVERSE FOR TERMS AND CONDITIONS

527 Northchase Parkway SE, Wilmington, NC 28405 — Chain-of Custody Record & Analytical Requests

hone: (910)-350-1903 FAX: (910)-350-1557

Page ____ of ____

ient: MID-Atlantic | Project ID: [illegible] | Date: 3-7-02 | Report To: [illegible]

ldress: 420 [illegible] | Contact: [illegible] | Turnaround: [illegible]

ldress: Raleigh, NC 27610 | Phone: [illegible] | Job Number: 1215.01

uote #: | Fax: [illegible] | P.O. Number: 1215.01 | Invoice To: MID-Atlantic

Sample ID	Date	Time	Matrix	Preservatives: None	HCL			Analyses: 8260B	8270	601/602	625	RCRA METALS					Comments: Please specify any special reporting requirements
																	Same Cond 4/ TCE
GP-29-5	3-7	11:00	Soil	2				1	1			X					
GP-23-5	3-7	12:15	Soil	2				1	1			X					G122-164
GP-31-5	3-7	1:45	Soil	2				1	1			X					
GP-32-5	3-7	2:15	Soil	2				1	1			X					
GP-36-20	3-7	4:05	Soil	2				1	1								RCRA metals added per Tom Gault 3-11-02
GP-35-25	3-8	9:05	Soil	2				1	1								
GP-35	3-8	1000	H2O	1	3					3	1						
GP-30-20	3-8	11:15	Soil	2				1	1			X					
GP-27-20	3-8	11:45	Soil	2				1	1			X					
GP-21-15	3-8	1:39	Soil	2				1	1			X					

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[illegible]	3-8-02	5:00	FED EX			
			[illegible]	3-9-02	13:00	3-8 C

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

27 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC #

Page ____ of

ent: MID-Atlantic
dress: 400 Rivers Ave Ct
dress: Raleigh, NC 27610
ote #:

Project ID: Progress Energy
Contact: J.D. Barnes
Phone: 250-1918
Fax: 250-9950

Date: 3-5-01
Turnaround: Normal
Job Number: 121501
P.O. Number: 121501

Report To: Matt Faccioli

Invoice To: Matt Faccioli

Sample ID	Date	Time	Matrix	Preservatives: HNO3	Preservatives: HCL			Analyses: 601/602	625	8260	8270	RCRA METALS					
GP-17	3-8-02	2:00	H2O	1	3			3	1			X					
GP-18-25	3-8-02	4:00	Soil	2						1	1	X					
GP-33-25	3/7/02		soil							1	1						

Comments: Please specify any special reporting requirements

Samples (Cont.) 4/2002

G122-1198

Sample added to C.O.C. per James Gamble 3/11/02

RCRA metals added per James Gamble 3/14/02

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	3-8-02	5:00	FED EX			
			[signature]	3-9-02	13:00	3.8°C

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

27 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

Page 1 of 1

ent: MED-ATLANTIC
dress: 409 ROGERS VILLAGE
dress: RALEIGH, NC 27610
ote #:

Project ID: PROGRESS ENERGY
Contact: JAMES GAMBLE
Phone: (919)250-3118
Fax: (919)250-3950

Date: 3-20-02
Turnaround: 1 WEEK
Job Number: 1215.01
P.O. Number: 1215.01

Report To: MAA - RALEIGH
Invoice To: MAA - RALEIGH

Sample ID	Date	Time	Matrix	Preservatives: NEUS	Preservatives: HCL			Analyses: 8260	Analyses: 8270	Analyses: RCRA METALS	Analyses: 601/602	Analyses: 625					Comments; Please specify any special reporting requirements
																	SAMPLES CLEAR w/ JOE
SP-9-25	3-20	11:00	SOIL	2				✓	✓	✓							
SP-1-10	3-20	1:00	SOIL	2				✓	✓								
SP-1	3-20	2:15	H_2O	1	3						3	1					
SP-42-15	3-20	2:30	SOIL	2				✓	✓								
SP-6-25	3-20	4:00	SOIL	2				✓	✓								
																	G122-1711

Relinquished By	Date	Time	Received By	Date	Time	Temperature
J. Gamble	3-20-02	5:00	FED EX	3-20-02	5:00	
			Andrea Allen	3/21/02	1015	2.1°C

State Certification Requested

NC _____ SC _____ Other _____

SEE REVERSE FOR TERMS AND CONDITIONS

27 ...ther... Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain of Custody Record & Analytical Request

Client: MID-ATLANTIC
Address: 409 ROBERTS VIEW CT
Address: RALEIGH, NC 27610
Quote #:

Project ID: HILLCREST EUREKA
Contact: J.C. GAMBLE
Phone: (919) 250-7918
Fax: (919) 250-7950

Date: 3-12-02
Turnaround: NORMAL
Job Number: 12151
P.O. Number: 12151

Report To: MAA - RALEIGH
Invoice To: MAA - RALEIGH

Sample ID	Date	Time	Matrix	Preservatives: None	Preservatives: HCL			Analyses: 8260	Analyses: 8270	Analyses: GRO/DRO	Analyses: GRS	Analyses: RCRA METALS					Comments: Please specify any special reporting requirements
																	SAMPLES COOLED W/ICE
GP-10-25	3-12-02	9:00	SOIL	2				1	1			1					
GP-10	3-12-02	10:30	H_2O	1	3					3	1						G122-1704
GP-17-25	3-12-02	10:45	SOIL	2				1	1								
GP-38-20	3-12-02	1:00	SOIL	2				1	1								
GP-40-20	3-12-02	3:15	SOIL	2				1	1								
GP-41-15	3-12-02	4:35	SOIL	2				1	1								

Relinquished By	Date	Time	Received By	Date	Time	Temperature
James D Gamble	3-15-02	5:00	FED EX	3-15-02		
			[illegible]	3/16/02	1035	0.3°C

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

27 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

ent: MID-ATLANTIC
dress: 409 ROGERS VIEW CT.
dress: RALEIGH, NC 27610
ote #:

Project ID: PROGRESS ENERGY
Contact: JAMES GAMBLE
Phone: (919) 250-9918
Fax: (919) 250-9950

Date: 3-13-02
Turnaround: NORMAL
Job Number: 1215.01
P.O. Number: 1215.01

Report To: MAA-RALEIGH
Invoice To: MAA-RALEIGH

Sample ID	Date	Time	Matrix	Preservatives: None	Preservatives: HCL			Analyses: 8260	Analyses: 8270	Analyses: Gas/Gas	Analyses: GRS							Comments: Please specify any special reporting requirements
																		SAMPLES PACKED W/ICE
SP-37-25	3-13-02	9:00	SOIL	2				1	1									
SP-2-25	3-13-02	10:07	SOIL	2				1	1									G122-1704
SP-3-30	3-13-02	11:45	SOIL	2				1	1									
SP-4-10	3-13-02	2:15	SOIL	2				1	1									
SP-4	3-13-02	6:15	H2O	1	3					3	1							
SP-39-25	3-13-02	4:35	SOIL	2				1	1									

Relinquished By	Date	Time	Received By	Date	Time	Temperature
J. Gamble	3-15-02	5:00	FED EX	3/15/02		
			[illegible]	3/16/02	1035	0.3°C

State Certification Requested

NC ____ SC ____ Other ____

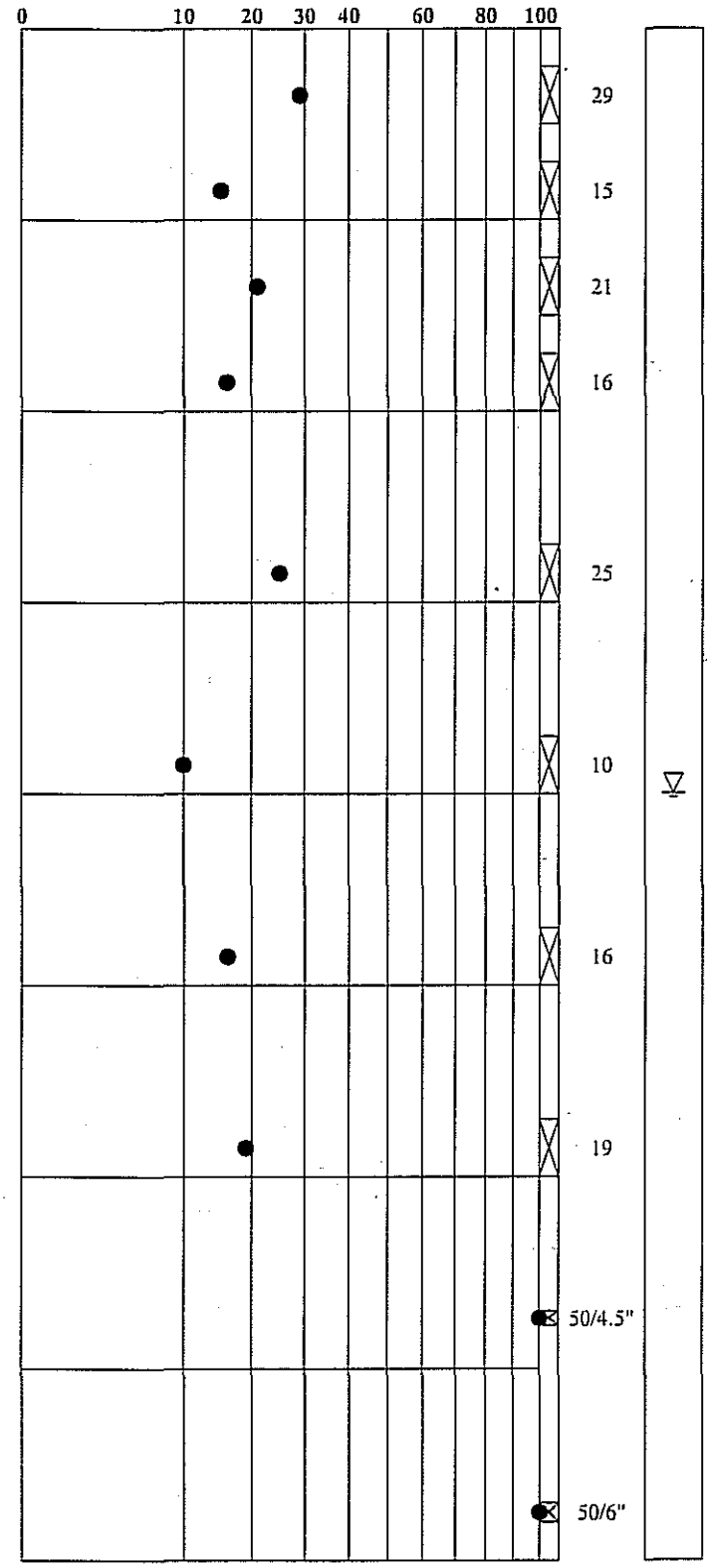
SEE REVERSE FOR TERMS AND CONDITIONS

APPENDIX E

GEOTECHNICAL SOIL BORING LOGS

DEPTH (FT.)	DESCRIPTION
0.0	ASPHALT AND STONE BASE
0.8	FILL: Consisting of stiff, red-brown, silty clay with trash and wood debris.
5.5	Stiff to very stiff, red-brown, silty CLAY (CL) with some fine sand.
12.0	Medium dense, red-tan, clayey fine to coarse SAND (SC).
17.0	Firm to stiff, tan to brown, fine sandy, micaceous SILT (ML).
32.0	PARTIALLY WEATHERED ROCK: Samples appear as tan and white, silty, fine to coarse sand.
37.0	PARTIALLY WEATHERED ROCK: Samples appear as brown, very micaceous, fine sandy silt.

● PENETRATION - BLOWS/FOOT



Classified By: B. Hale
Driller: Superior Drilling
Drill Rig: CME 550
Boring Type: Rotary Wash

GROUNDWATER READINGS

DATE	TIME	DEPTH	ELEVATION	STABILIZATION TIME
∇ 03/07/02		20		estimate from geoprobe data

SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS

BORING LOG

BORING NUMBER	G-1
DATE DRILLED	03/07/2002
PROJECT NUMBER	
PROJECT	Progress Energy
PAGE 1 OF 2	

TITAN Atlantic Group
Engineering, Surveying, Construction & Consulting

DEPTH (FT.)	DESCRIPTION	● PENETRATION - BLOWS/FOOT
40.0	PARTIALLY WEATHERED ROCK: Samples appear as brown, very micaceous, fine sandy silt.	50/4.5"
45.5	Boring terminated at tri-cone refusal at 45.5 feet depth.	50/1"

0 10 20 30 40 60 80 100

Classified By: B. Hale
Driller: Superior Drilling
Drill Rig: CME 550
Boring Type: Rotary Wash

GROUNDWATER READINGS

DATE	TIME	DEPTH	ELEVATION	STABILIZATION TIME
▽ 03/07/02		20		estimate from geoprobe data

SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS

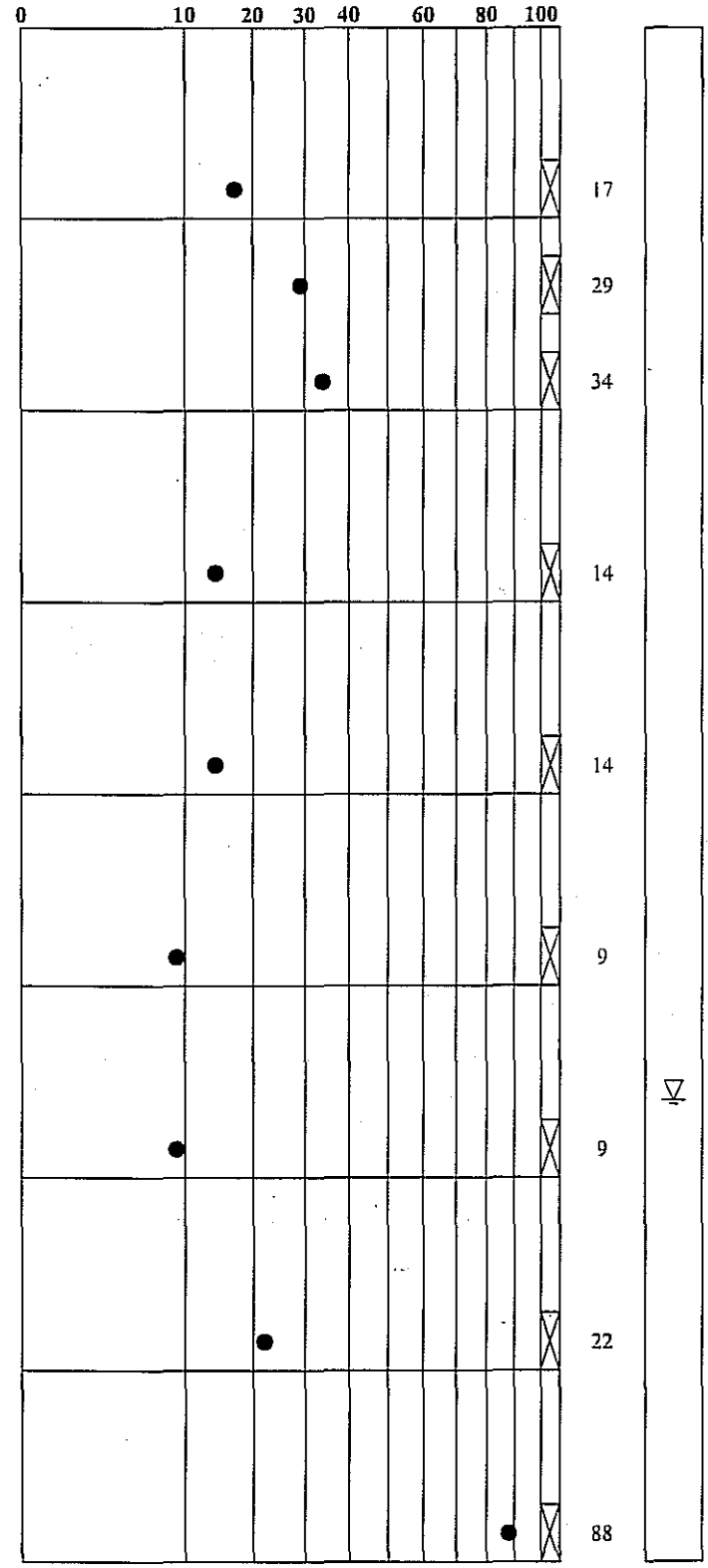
BORING LOG

BORING NUMBER	G-1
DATE DRILLED	03/07/2002
PROJECT NUMBER	
PROJECT	Progress Energy
PAGE 2 OF 2	

TITAN Atlantic Group
Engineering, Surveying, Construction & Consulting

DEPTH (FT.)	DESCRIPTION
0.0	
0.3	ASPHALT
	Very stiff, tan, silty CLAY (CL) with traces of sand.
8.0	Very stiff, light gray, fine sandy, silty CLAY (CL).
12.0	Stiff, light gray, fine sandy SILT (ML).
17.0	Loose to very dense, tan and white, silty, fine SAND (SM).

● PENETRATION - BLOWS/FOOT



Classified By: B. Hale
Driller: Superior Drilling
Drill Rig: CME 550
Boring Type: Rotary Wash

GROUNDWATER READINGS

DATE	TIME	DEPTH	ELEVATION	STABILIZATION TIME
▽ 03/07/02		28		estimate from geoprobe data

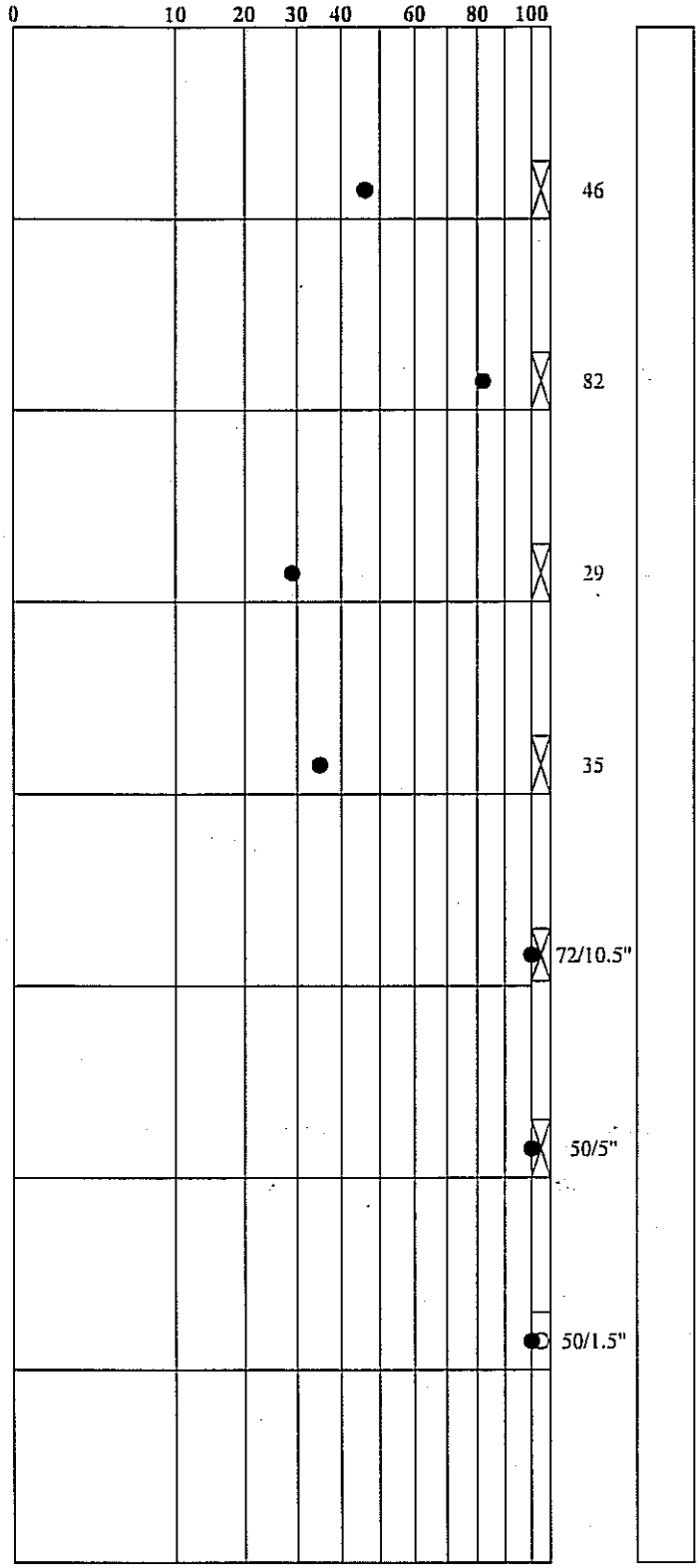
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS

BORING LOG

BORING NUMBER	G-2
DATE DRILLED	03/07/2002
PROJECT NUMBER	
PROJECT	Progress Energy
PAGE 1 OF 2	

TITAN Atlantic Group
Engineering, Surveying, Construction & Consulting

DEPTH (FT.)	DESCRIPTION	● PENETRATION - BLOWS/FOOT
40.0	Very dense, tan and white, silty, fine SAND (SM).	
52.0	Very stiff to very hard, dark brown to brown, very micaceous SILT (ML) with traces of fine sand.	
67.0	PARTIALLY WEATHERED ROCK: Samples appear as dark brown, very micaceous silt. *No Sample Recovery at 75.0 feet.	
76.0	Boring terminated at tri-cone refusal at 76.0 feet depth.	



Classified By: B. Hale
Driller: Superior Drilling
Drill Rig: CME 550
Boring Type: Rotary Wash

GROUNDWATER READINGS

DATE	TIME	DEPTH	ELEVATION	STABILIZATION TIME
▽ 03/07/02		28		estimate from geoprobe data

SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS

BORING LOG

BORING NUMBER	G-2
DATE DRILLED	03/07/2002
PROJECT NUMBER	
PROJECT	Progress Energy
PAGE 2 OF 2	

TITAN Atlantic Group
Engineering, Surveying, Construction & Consulting

APPENDIX F

LABORATORY REPORTS AND CHAIN-OF-CUSTODY RECORDS FOR ASBESTOS SAMPLES

CAROLINA ENVIRONMENTAL, INC.
102-H Commonwealth Court, Cary, NC 27511
Phone: (919) 481-1413 Fax: (919) 481-1442

LABORATORY REPORT
ASBESTOS BULK ANALYSIS

Client: **Mid-Atlantic Associates**
409 Rogers View Court
Raleigh , NC 27610

Project: Misc. Samples

CEI Lab Code: A02-1380
Received: 03-07-02
Analyzed: 03-14-02
Reported: 03-14-02
Analyst: Essie J. Spencer

CLIENT ID	CEI LAB ID	SAMPLE DESCRIPTION	% ASBESTOS
S-1	A18557A	FLOOR TILE Homogeneous, Off-white, Fibrous, Tightly Bound BIND 93 % CELL 5 % SYNT 2 %	ND
	A18557B	MASTIC Homogeneous, Black, Fibrous, Bound BIND 50 % CELL 35 % SYNT 15 %	ND
	A18557C	MASTIC Homogeneous, Yellow, Fibrous, Bound BIND 93 % CELL 5 % SYNT 2 %	ND
S-2	A18558	DRYWALL Heterogeneous, Off-white, Pink, Non-fibrous, Loosely Bound BIND 70 % CELL 20 % SYNT 10 %	ND
S-3	A18559A	FLOOR TILE Homogeneous, Off-white, Beige, Fibrous, Tightly Bound CHRY 2 % BIND 90 % CELL 5 % SYNT 3 %	CHRY 2 %
	A18559B	MASTIC Homogeneous, Black, Fibrous, Bound CHRY 10 % BIND 80 % CELL 5 % SYNT 5 %	CHRY 10%

CAROLINA ENVIRONMENTAL, INC.
102-H Commonwealth Court, Cary, NC 27511
Phone: 919-481-1413 Fax: 919-481-1442

Project: Misc. Samples

Lab Code: A02-1380

CLIENT ID	CEI LAB ID	SAMPLE DESCRIPTION	% ASBESTOS
S-19	A18575	HETEROGENEOUS, Off-white, Tan, Fibrous, Bound BIND 80 % CELL 10 % SYNT 5 % FBGL 5 %	ND
S-20	A18576	HETEROGENEOUS, Brown, Fibrous, Bound BIND 15 % CELL 80 % SYNT 5 %	ND
S-21	A18577	DRYWALL Heterogeneous, Brown, Off-white, Fibrous, Bound BIND 60 % CELL 20 % SYNT 5 % FBGL 15 %	ND
S-22	A18578	DRYWALL/JOINT COMPOUND Heterogeneous, Brown, Off-white, Fibrous, Bound CHRY <1 % BIND 70 % CELL 10 % SYNT 5 % FBGL 15 % CHRY=<1% in joint compound. CHRY=<1% in overall sample.	CHRY < 1 %
S-23	A18579	CEILING TILE Heterogeneous, Brown, Off-white, Fibrous, Bound BIND 35 % CELL 35 % PERL 15 % FBGL 15 %	ND
S-24	A18580	BASEBOARD/ MASTIC Heterogeneous, Brown, Fibrous, Bound BIND 90 % CELL 5 % FBGL 5 % NEGATIVE MASTIC	ND
S-25	A18581	BASEBOARD/ MASTIC Heterogeneous, Brown, Tan, Fibrous, Bound TREM <1 % BIND 90 % CELL 5 % FBGL 5 % TREM=2% in masic only. TREM=<1% in overall sample.	TREM < 1 %
S-26	A18582	FLOORING/ MASTIC Heterogeneous, Tan, Black, Fibrous, Bound BIND 80 % CELL 10 % FBGL 5 % SYNT 5 % NEGATIVE MASTIC	ND

CAROLINA ENVIRONMENTAL, INC.
102-H Commonwealth Court, Cary, NC 27511
Phone: 919-481-1413 Fax: 919-481-1442

Project: Misc. Samples

Lab Code: A02-1380

CLIENT ID	CEI LAB ID	SAMPLE DESCRIPTION	% ASBESTOS
S-27	A18583	FLOORING/ MASTIC Heterogeneous, Tan, Yellow, Fibrous, Bound CHRY 25 % BIND 40 % CELL 15 % FBGL 5 % SYNT 15 % NEGATIVE MASTIC	CHRY 25%
S-28	A18584	FLOORING Heterogeneous, Grey, Tan, Fibrous, Bound BIND 70 % CELL 20 % FBGL 5 % SYNT 5 %	ND
S-29	A18585	BASEBOARD/ MASTIC Heterogeneous, Brown, Yellow, Fibrous, Bound TREM <1 % BIND 70 % CELL 20 % FBGL 5 % SYNT 5 % TREM=2% in masic only. TREM=<1% in overall sample.	TREM <1%
S-30	A18586	FLOORING MASTIC Heterogeneous, Grey, Tan, Fibrous, Bound BIND 60 % CELL 30 % FBGL 5 % SYNT 5 % NEGATIVE MASTIC	ND
S-31	A18587	FLOORING/ MASTIC Heterogeneous, Grey, Tan, Fibrous, Bound CHRY 25 % BIND 50 % CELL 20 % SYNT 5 % NEGATIVE MASTIC	CHRY 25%
S-32	A18588	CEILING TILE Heterogeneous, Off-white, Tan, Fibrous, Loosely Bound BIND 35 % CELL 35 % PERL 15 % FBGL 15 %	ND
S-33	A18589A	FLOOR TILE Homogeneous, Off-white, Tan, Fibrous, Tightly Bound BIND 95 % CELL 3 % SYNT 2 %	ND
	A18589B	MASTIC Homogeneous, Off-white, Tan, Fibrous, Bound CHRY 10 % BIND 77 % CELL 10 % SYNT 3 %	CHRY 10%

CAROLINA ENVIRONMENTAL, INC.
102-H Commonwealth Court, Cary, NC 27511
Phone: 919-481-1413 Fax: 919-481-1442

Project: Misc. Samples

Lab Code: A02-1380

CLIENT ID	CEI LAB ID	SAMPLE DESCRIPTION	% ASBESTOS
S-34	A18590A	FLOOR TILE Homogeneous, Off-white, Tan, Fibrous, Tightly Bound CHRY 10 % BIND 85 % CELL 5 %	CHRY 10%
	A18590B	MASTIC Homogeneous, Off-white, Tan, Fibrous, Bound CHRY 10 % BIND 77 % CELL 10 % SYNT 3 %	CHRY 10%
S-35	A18591A	FLOOR TILE Heterogeneous, Tan, Off-white, Fibrous, Bound BIND 65 % CELL 25 % FBGL 10 %	ND
	A18591B	MASTIC Homogeneous, Off-white, Tan, Fibrous, Bound CHRY 10 % BIND 77 % CELL 10 % SYNT 3 %	CHRY 10%
S-36	A18592	DRYWALL Heterogeneous, Tan, Off-white, Fibrous, Bound BIND 65 % CELL 25 % FBGL 10 %	ND
S-37	A18593A	FLOOR TILE Homogeneous, Tan, Fibrous, Tightly Bound CHRY 10 % BIND 80 % CELL 5 % SYNT 5 %	CHRY 10%
	A18593B	MASTIC Homogeneous, Black, Brown, Fibrous, Bound CHRY 10 % BIND 80 % CELL 5 % SYNT 5 %	CHRY 10%
S-38	A18594	HETEROGENEOUS. Tan, Off-white, Fibrous, Loosely Bound CHRY 10 % BIND 65 % CELL 15 % SYNT 5 % FBGL 5 %	CHRY 10%

CAROLINA ENVIRONMENTAL, INC.
102-H Commonwealth Court, Cary, NC 27511
Phone: 919-481-1413 Fax: 919-481-1442

Project: Misc. Samples

Lab Code: A02-1380

CLIENT ID	CEI LAB ID	SAMPLE DESCRIPTION	% ASBESTOS
S-39	A18595	HETEROGENEOUS. Tan, Off-white, Fibrous, Loosely Bound CHRY 10 % BIND 65 % CELL 15 % SYNT 5 % FBGL 5 %	CHRY 10%
S-40	A18596A Homogeneous,	FLOOR TILE Tan, Fibrous, Tightly Bound CHRY 10 % BIND 80 % CELL 5 % SYNT 5 %	CHRY 10%
	A18596B Homogeneous,	MASTIC Black, Fibrous, Bound CHRY 10 % BIND 80 % CELL 5 % SYNT 5 %	CHRY 10%
S-41	A18597 Heterogeneous,	FLOORING/ MASTIC Grey, Tan, Fibrous, Bound BIND 85 % CELL 10 % SYNT 5 %	ND
NEGATIVE MASTIC			
S-42	A18598 Heterogeneous,	DRYWALL/JOINT COMPOUND Off-white, Tan, Fibrous, Bound BIND 75 % CELL 10 % FBGL 10 % SYNT 5 %	ND
NEGATIVE JOINT COMPOUND			
S-43	A18599 Heterogeneous,	FLOORING/ BACKING Red, Grey, Fibrous, Bound BIND 50 % CELL 25 % FBGL 5 % SYNT 20 %	ND
NEGATIVE BACKING			
S-44	A18600 Heterogeneous,	FLOORING/ BACKING Tan, Grey, Fibrous, Bound BIND 50 % CELL 25 % FBGL 5 % SYNT 20 %	ND
NEGATIVE BACKING			
S-45	A18601	HETEROGENEOUS. Tan, Fibrous, Bound CHRY 10 % BIND 55 % CELL 15 % FBGL 15 % SYNT 5 %	CHRY 10%

CAROLINA ENVIRONMENTAL, INC.
102-H Commonwealth Court, Cary, NC 27511
Phone: 919-481-1413 Fax: 919-481-1442

Project: Misc. Samples

Lab Code: A02-1380

CLIENT ID	CEI LAB ID	SAMPLE DESCRIPTION	% ASBESTOS
S-46	A18602	CEILING TILE Heterogeneous, Tan, Yellow, Fibrous, Bound BIND 10 % CELL 15 % FBGL 70 % SYNT 5 %	ND
S-47	A18603	TAR Heterogeneous, Black, Brown, Fibrous, Bound CHRY 10 % BIND 40 % CELL 35 % FBGL 10 % SYNT 5 %	CHRY 10%
S-48	A18604	TAR Heterogeneous, Black, Brown, Fibrous, Bound CHRY 10 % BIND 40 % CELL 35 % FBGL 10 % SYNT 5 %	CHRY 10%
S-49	A18605A	FLOOR TILE Homogeneous, Off-white, Fibrous, Tightly Bound BIND 93 % CELL 5 % SYNT 2 %	ND
	A18605B	MASTIC Homogeneous, Black, Brown, Fibrous, Bound BIND 90 % CELL 8 % SYNT 2 %	ND
S-50	A18606	BASEBOARD/ MASTIC Heterogeneous, Brown, Yellow, Fibrous, Bound TREM <1 % BIND 90 % CELL 8 % SYNT 2 % TREM=2% in masic only. TREM=<1% in overall sample.	TREM <1%
S-51	A18607	FLOORING Heterogeneous, Brown, Tan, Fibrous, Bound CHRY 25 % BIND 63 % CELL 10 % SYNT 2 %	CHRY 25%
S-52	A18608	HETEROGENEOUS. Brown, Tan, Fibrous, Bound BIND 18 % CELL 80 % SYNT 2 %	ND

CAROLINA ENVIRONMENTAL, INC.
102-H Commonwealth Court, Cary, NC 27511
Phone: 919-481-1413 Fax: 919-481-1442

Project: Misc. Samples

Lab Code: A02-1380

CLIENT ID	CEI LAB ID	SAMPLE DESCRIPTION					% ASBESTOS
S-53	A18609	FLOORING					ND
	Homogeneous,	Brown, Black, Fibrous, Bound					
			BIND	60 %	CELL	25 %	
					SYNT	10 %	
					FBGL	5 %	

The following definitions apply to the abbreviations used in the ASBESTOS BULK ANALYSIS REPORT:

CHRY = Chrysotile	CELL = Cellulose	DEBR = Debris
AMOS = Amosite	FBGL = Fibrous Glass	BIND = Binder
CROC = Crocidolite	ORGN = Organics	SILI = Silicates
TREM = Tremolite	SYNT = Synthetics	GRAV = Gravel
ANTH = Anthophyllite	WOLL = Wollastonite	MAST = Mastic
ACTN = Actinolite	CERWL = Ceramic Wool	PLAS = Plaster
N D = None Detected	NTREM = Non-Asbestiform Tremolite	PERL = Perlite
NANTH = Non-Asbestiform Anthophyllite		RUBR =Rubber

CLIENT: Mid-Atlantic Associates

PROJECT: Misc. Samples

CEI LAB CODE: A02-1380

Stereoscopic microscopy and polarized light microscopy coupled with dispersion staining is the analytical technique used for sample identification. The percentage of each component is visually estimated by volume. These results pertain only to the samples analyzed. The samples were analyzed as submitted by the client and may not be representative of the larger material in question. Unless notified in writing to return samples, Carolina Environmental, Inc. will discard all bulk samples after 30 days.

Many vinyl floor tiles have been manufactured using greater than 1% asbestos. Often the asbestos was milled to a fiber size below the detection limit of polarized light microscopy. Therefore, a "None Detected" (ND) reading on vinyl floor tile does not necessarily exclude the presence of asbestos. Transmission electron microscopy provides a more conclusive form of analysis for vinyl floor tiles.

It is certified by the signature below that Carolina Environmental, Inc. is accredited by the National Voluntary Accreditation Program (NVLAP) for the analysis of asbestos in bulk materials. The accredited test method is EPA / 600 / M4-82 / 020 for the analysis of asbestos in building materials. Procedures described in EPA / 600 / R-93 / 116 have been incorporated where applicable. The detection limit for the method is 0.1% (trace amount). Carolina Environmental, Inc.'s NVLAP accreditation number is #101768-0. This report is not to be used to claim product endorsement by NVLAP or any agency of the U. S. Government. This report and its contents are only valid when reproduced in full. Dust and soil analyses for asbestos using PLM are not covered under NVLAP accreditation.

ANALYST _____

REVIEWED BY _____

Tianbao Bai, Ph.D.
Laboratory Director

End of Report

A02-1380
A18557-A18609

CHAIN OF CUSTODY RECORD

CLIENT ANALYSIS REQUEST

CAROLINA ENVIRONMENTAL, INC.
102-H Commonwealth Court, Cary, NC 27511
Tel: 919-481-1413 • Fax: 919-481-1442

53

CLIENT : Mid-Atlantic Assoc.	PROJECT MGR.: Drew Dunckler
ADDRESS: 409 Rogers View Ct.	PHONE : ( ) 250-9918
Raleigh, NC 27610	FAX : ( ) 250-9950

PROJECT/FACILITY	PROJECT CODE	ASBESTOS PLM	ASBESTOS PCM	LEAD WIPES	LEAD PAINT	LEAD SOIL	
S-1 thru S-55		X					

REQUIRED TURN-AROUND
- [x] 5 DAY
- [ ] 3 DAY
- [ ] 48 HOUR
- [ ] 24 HOUR
- [ ] 4 HOUR

CLIENT ID# 055

REMARKS:

SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER ANALYSIS, UNLESS OTHERWISE REQUESTED

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
[signature]	3/6/02	4:00pm	M Bussard	3-7-02	10 Am
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:

(1) CLIENT COPY (2) LABORATORY COPY

CAROLINA ENVIRONMENTAL, INC.

102-H Commonwealth Court, Cary, NC 27511
Tel: 919-481-1413; Fax: 919-481-1442

CHAIN OF CUSTODY RECORD

CLIENT ANALYSIS REQUEST

CLIENT:	PROJECT MANAGER:
ADDRESS:	PHONE: ( )
	FAX: ( )

		ASBESTOS						LEAD					
PROJECT DESCRIPTION	PROJECT CODE	PLM Bulk	PLM Point Count	PLM Gravimetric	PCM Air	TEM Bulk	TEM Air	Lead Paint	Lead Wipe	Lead Soil	Lead Air	Other Analysis	TURN-AROUND TIME
													☐ 3 - 5 DAY
													☐ 48 HOUR
													☐ 24 HOUR
													☐ 4 HOUR
													CLIENT ID#

REMARKS:

Samples will be disposed of 30 days after analysis, unless otherwise requested.

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME: