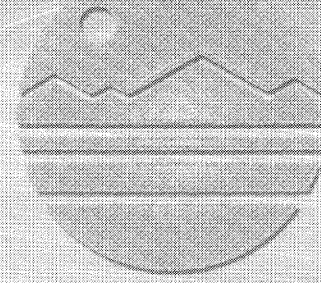


ENVIRONMENTAL



EI

LIMITED PRELIMINARY SITE ASSESSMENT

**Parcel 008 and Parcel 011
Waste Management of Carolinas, Inc.
3301 North Glenn Avenue
Winston-Salem, NC 27105**

**WBS Element # 34871.1.1
TIP # U-2826A
EI Project No. ENMO050015.00**

Prepared For:

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October 19, 2005



LIMITED PRELIMINARY SITE ASSESSMENT (PSA)

Conducted on

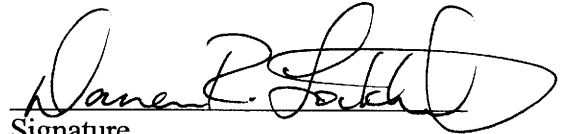
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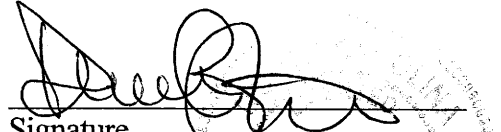
Mr. Gregory A. Smith
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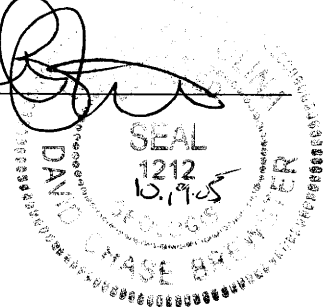
Issue Date: October 19, 2005

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1.0 INTRODUCTION

Environmental Investigations, Inc. (EI) conducted a *Limited Preliminary Site Assessment (PSA)* within the existing and proposed North Carolina Department of Transportation (NCDOT) *right-of-way (ROW)* adjacent to a parcel (identified by the NCDOT as Parcel 008 and Parcel 011) located southwest of the overpass of North Glenn Avenue by US Highway 52, in Winston-Salem, North Carolina.

Waste Management of Carolinas, Inc. is currently located on the subject parcel (adjacent to ROW). This report documents the findings of the PSA that was conducted within the described ROW. For purposes of this report, the terms “subject property” and/or “site” include the *existing* NCDOT ROW and the *proposed* ROW, and/or the abutting property/parcel.

1.1 Report Organization

Mr. Darren R. Lockhart and Mr. Robert Michael Shaut, Environmental Geologists with EI conducted field activities from mid-August to early September 2005. This report summarizes the scope of work conducted, discusses sampling activities, and presents findings, conclusions and our recommendations. Laboratory analytical data for this assessment are summarized in three (3) tables: “**Table 1 - Summary of Soil Analytical Results for 8 RCRA Metals**”, “**Table 2 - Summary of Soil Analytical Results VOCs, SVOCs, and Pesticides**”, and “**Table 3 - Summary of Soil Analytical Results for TPH**”. A “Site Location Map”, an “Aerial Photograph”, a “Site Map” with two accompanying inset figures (**Figures 3A – “Site Map (Inset A)” and Figure 3B – “Site Map (Inset B)”**), and a “Soil Analytical Results Map” are presented in **Figures 1, 2, 3, and 4** respectively. A compilation of “Site Photographs” are presented in **Appendix A**, “Soil Boring Logs” are presented in **Appendix B**, and copies of the “Laboratory Analytical Reports” for soil and groundwater are included in **Appendices C and D**, respectively.

1.2 Background

EI received a “*Request for Technical and Cost Proposal*” (RFP), dated July 7, 2005 signed by Cyrus F. Parker, LG, GeoEnvironmental Project Manager with the NCDOT GeoTechnical Engineering Unit. The RFP solicited a technical and cost proposal to perform PSAs on a total of 10 Parcels located within a NCDOT Highway Project, identified as WBS Element 34871.1.1, TIP # U-2826A, located in Winston-Salem, NC. The RFP outlined site information on each of the 10 parcels and NCDOT Figures (Plan Sheets) were attached to the RFP. Mr. Gregory A. Smith, LG, PE, GeoEnvironmental Supervisor with the NCDOT, GeoTechnical Engineering Unit, GeoEnvironmental Section authorized EI to perform the PSAs, as documented in a “Notice to Proceed” dated July 28, 2005.

1.3 Objectives

The objective of performing the PSAs was to investigate parcel histories, locate potential underground storage tanks (USTs), and/or potential adverse sources of contamination and determine if these systems or sources have impacted the subsurface within the *existing* and *proposed* ROW. The study (PSA) conducted on the referenced parcel (Parcel 008 and Parcel 011 – Waste Management of Carolinas, Inc.) was performed with a reasonable effort to investigate and quantify potentially impacted subsurface soils. However, the findings documented in the report do not constitute a guarantee that all potential sources of environmental contamination have been assessed and subsequently analyzed.

This report is provided for the sole use of the NCDOT on the project for which it was prepared. All materials and information used for this project were obtained or provided to EI, Inc. Use of this report by any third parties other than the NCDOT will be at such party's sole risk. EI, Inc. disclaims liability for any use of or reliance on this report by third parties.

1.4 Site History

The North Carolina Department of Environment and Natural Resources (NCDENR) maintains environmental records of all known and reported incidents throughout the state of North Carolina. The following summary of the site history was obtained from NCDENR's Division of Waste Management (DWM), Underground Storage Tank Section (UST) and the Division of Water Quality (DWQ), Aquifer Protection Section (APS), located in the Winston-Salem Regional Office (WSRO).

According to the public record, two (2) petroleum USTs (1 x 10,000-gallon capacity UST storing gasoline and 1 x 6,000-gallon capacity UST storing diesel) were permanently closed by removal methods at the subject property in March 1992 by M & M Pump and Tank Service. Reportedly, at that time, the subject facility operated under the name, Brenner Iron & Metal – Waste Management. A release of petroleum hydrocarbons was detected in the tank pit and in groundwater present in the tank pit by laboratory analysis. Laboratory analysis of soil samples obtained from adjacent to the tank pit confirmed petroleum hydrocarbon impact to subsurface soils. Reportedly, approximately 70 cubic yards of petroleum-impacted soils were excavated from the UST area. Furthermore, the impacted soils were permitted for onsite land application and bioremediated to accepted levels. Petroleum impact to groundwater was confirmed at levels above the 2L groundwater quality standards via a monitoring well network and laboratory analysis. Based on the information presented in a Limited Site Assessment that was performed on the subject property by Earth Tech, Inc. in 2002, the NCDEHNR classified the release as a "Low Risk". After a review of a Soil Sampling Report (dated: September 12, 2003) and a Notice of Residual Petroleum, NCDENR issued a letter of "No Further Action" for the incident on July 27, 2004.

In addition, the Virginia Carolina Chemical Company operated a fertilizer facility near the study area in the early 1900s. Based on a review of the “*Comprehensive Site Assessment Addendum and Corrective Action Report*” by CLP Services (dated January 2005), the northwestern portion of the historical Virginia Carolina Chemical Company property boundary overlaps the current southeastern portion of the Waste Management property. The Virginia Carolina Chemical Company appeared to have paralleled the Norfolk Southern Railroad ROW. Although the specifics of historical facility operations and the layout of the site were not reasonably ascertainable for this project, reportedly, there were furnaces and acid pits onsite.

Reportedly, the NC Superfund Section performed a preliminary screening of the Virginia Carolina Chemical Company site, but could not match information from historic resources correctly with actual field conditions. No additional information on the Virginia Carolina Chemical Company property was available at the time of this PSA. In addition to the Virginia Carolina Chemical Company operating a facility near the study area, reportedly, the Carolina Ore Company operated during the early 1900s and was said to have been an ore smelter. Reportedly, the foundation for the Carolina Ore Company’s rotary kiln is situated adjacent to the former Virginia Carolina Chemical Company facility site.

1.4.1 Potential Offsite Source of Impact to Study Area

IMC Rainbow, a division of IMC Global Operations, Inc. (IMC), acquired by Royster-Clark Agribusiness (Royster-Clark), currently occupies the adjacent and abutting parcel to the west of the Waste Management property. The Royster-Clark facility is situated hydraulically upgradient from the Waste Management facility. Reportedly, IMC Rainbow has produced nitrogen-phosphate potassium fertilizer at their facility located at 3105 North Glenn Avenue in Winston-Salem, NC since 1948. Over the history of the Royster-Clark facility, there have been numerous, inadvertent, releases of acid and 448-nitrogen solution (a mixture of ammonia, ammonium nitrate, and water) at the IMC/Royster-Clark facility over the years.

Reportedly, a few tons of oversized product (primarily super phosphate) from an earlier granulation operation that failed, was discarded near the northeast corner of the shop and near the railcar unloading area. In addition, approximately 85 tons of sulfuric acid was accidentally released in 1971. And, in 1991, approximately 40 tons of 448-nitrogen solution was released from a railcar. Reportedly, these releases discharged into two (2) retention ponds located in the northeastern portion of the facility where they were neutralized and reclaimed. Groundwater and surface water monitoring activities are ongoing at the Royster-Clark facility to monitor for total metals, ammonia, chloride, nitrate, total phosphorus, sulfate, and radionuclides.

2.0 SCOPE OF WORK & ENVIRONMENTAL SERVICES

2.1 Requested Scope of Work

Documented in the RFP, dated July 7, 2005, the NCDOT requested the following scope of work:

- Investigate site histories.
- Locate USTs and determine approximate size and contents, if any.
- Determine if contaminated soils are present.
- Investigate all proposed drainage areas on the project.
- If contamination is evident, estimate the quantity of impacted soils and indicate the approximate area of soil contamination on a site map.
- If groundwater is encountered and the project manager suspects the possibility of groundwater contamination, obtain a sample for analysis by converting one of the soil borings to a temporary monitoring well.
- Prepare a set of NCDOT plansheets (11" x 17") as a separate deliverable showing a summary of suspected impacted areas of contamination.
- Prepare a report including field activities, findings, and recommendations for each site and submit and submit to this office in triplicate.

2.2 Scope of Services

To perform our scope-of-services, a field reconnaissance was performed to identify general site conditions, and Direct Push Technology (DPT) was utilized to collect soil samples and install a temporary groundwater well (piezometer) and collect a groundwater sample on the subject property.

To perform the requested *Limited PSA*, EI personnel visited the site on several occasions to supervise, oversee and/or perform site reconnaissance activities and/or collect appropriate samples to complete the project objectives. To complete the study on the subject parcel, EI performed the following scope of services:

- Supervision, direction and oversight of the advancement of seventy-five (75) soil test borings utilizing DPT and/or auger methods to depths ranging between 1.0 and 20.0 feet below the land surface (bls) across the site.
- Collection and submittal of seventy-five (75) soil samples for laboratory analysis for either 8 RCRA Metals, volatile and semi-volatile organics, pesticides, and/or total petroleum hydrocarbons.
- Photo documentation of pertinent site features.
- Preparation of this *Limited PSA Report* in triplicate format, presenting our findings and conclusions along with our recommendations.

3.0 SITE CHARACTERIZATION

3.1 Site Location

The subject property, Waste Management of Carolinas, Inc. is addressed at 3301 North Glenn Avenue, Winston-Salem, (Forsyth County), North Carolina (**Figures 1 and 2**). The subject property (Parcels 008 and 011) is currently located immediately adjacent to the DOT ROW as identified in DOT's U-2826A Plan Sheets 5, 6, and 7. Digital site photographs are presented in **Appendix A**.

3.2 Property Ownership

According to the Forsyth County, NC Tax Office Geo-Data Explorer website, the subject property has a Parcel Identification Number (PIN): 6836-58-0260 and is currently owned by Waste Management of Carolinas, Inc. The subject parcel covers a total of 18.5 acres.

3.3 Physical Setting

The subject site operates as a terminal for Waste Management, Inc. garbage collection vehicles and a facility for reconditioning waste dumpsters. The 18.5-acre tract is developed with an office building, and maintenance buildings. The subject property is surfaced by asphalt pavement for parking near the entrance to the property, but is surfaced by gravel in other accessible areas. The remaining portion of the subject property is undeveloped and covered by tall grasses and wooded areas. The eastern boundary of the subject property abuts the NCDOT ROW and is buffered from US Highway 52 by a wood line. See **Figure 3** for pertinent site features.

City municipal water services and natural gas services were observed that supply the parcel via underground utility lines. Utility lines were marked both parallel and perpendicular to North Glenn Avenue. No other underground utility lines were marked in the NCDOT ROW at the time of field activities. Overhead utility lines are currently located along the northwest portion of the parcel that traverses parallel to North Glenn Avenue.

3.3.1 Number and Capacities of USTs

As mentioned earlier, two (2) USTs were permanently closed by removal methods in 1992: 1 x 10,000-gallon capacity UST storing gasoline and 1 x 6,000-gallon capacity UST storing diesel.

There were no indications of USTs observed within the *proposed NCDOT ROW*.

3.4 Site Topography

The subject property is found on the Walkertown Quadrangle published by the United States Geological Survey (USGS) Topographic Quadrangle Map (1980). The subject site is located at an elevation of approximately 990 feet above mean sea level (msl) (**Figure 1**). Topographically, the site slopes gently to the east/northeast in the northern portion of the subject property and towards the east/southeast in the southern portion of the subject property. Surface water runoff is shown to flow to the southeast to a confluence with Brushy Fork Creek located approximately 2.0 miles from the site.

3.5 Land Use & Surrounding Properties

The subject property is located inside the city limits of Winston-Salem, NC. Land use in the immediate vicinity of the site is characterized mainly by commercial and industrial properties. Land usage to the north is characterized by vacant/undeveloped land; then developed by commercial and retail; to the east by US Highway 52; to the south by the Royster-Clark facility, then the Kaba Ilco facility; and to the west by residences and US Highway 52.

4.0 SUBSURFACE INVESTIGATION

4.1 Subsurface Soils Investigation

Subsurface Environmental Investigations, Inc., based in Statesville, North Carolina, and EnviroProbe, based in Clayton, North Carolina were subcontracted to provide DPT services. An EI Geologist directed and supervised the advancement of 75 soil test borings (“P8GP1” - “P8GP32”, “P8HA33” – “P8HA39”, “P11GP1” – “P11GP14”, “P11GPA” – “P11GPP”, and “P11HAQ” – “P11HAV”) in the existing and/or proposed DOT ROW for the referenced site. A track-hoe and operator cleared access corridors where heavily wooded areas prevented access.

The soil sampling program was designed in order to evaluate the absence/presence of potential subsurface soil (vadose zone) impact and/or subsurface groundwater impact associated with potential current or historical onsite operations, or offsite impacts. The subsurface soils investigation ranged in depth from 1.0 feet to a depth of 20.0 feet bls. The soil sampling locations are shown on **Figure 3A, and 3B**.

4.1.1 Soil Sample Collection Procedures

Soil samples were collected as grab samples using powder-free nitrile gloves. The soils were placed in laboratory-prepared containers; then, placed in a cooler on ice. Soil samples retained for laboratory analyses were shipped, via overnight courier service (Federal Express) to Paradigm Analytical Laboratory, for laboratory analytical testing.

4.1.2 Backfill Activities

At the completion of the exploratory subsurface advancement activities, the test borings were backfilled to surface grade.

4.1.3 Subsurface Soil Lithology

During boring advancement activities, soil samples were classified in the field by an EI geologist utilizing the Unified Soil Classification System (USCS). Subsurface soils encountered in the area of study were fairly consistent. Soils within the northwestern portion of the subject property (Parcel 011) beneath an 11.0-inch layer of gravel were described as follows: (ML) SILT, reddish-brown, sandy (fine) to approximately 15 feet bls. Soils in the upland areas within this portion of the subject property (Parcel 011) were also described as: (SM) SAND, silty, pale pink to reddish orange down to approximately 12.0 feet bls becoming more micaceous and saprolitic. Soils within the southeastern portion of the subject property (Parcel 008) were described as: (ML) SILT, reddish-

orange, sandy (fine to very fine), clayey, micaceous to approximately 8.0 feet bls; underlain by saprolite down to 15.0 feet bls. Detailed descriptions are presented in Soil Boring Logs included in **Appendix B**. The boring logs include an interpretation of subsurface conditions based on field samples.

4.2 Groundwater Investigation

4.2.1 Temporary Monitoring Well Installation

Where available, existing groundwater quality data was utilized for the purposes of this *Limited PSA*. For Parcel 011, groundwater quality data was available from a Limited Site Assessment performed for the UST release that was mentioned earlier (Incident #8854). For Parcel 008, one (1) temporary monitoring well was installed by advancing one (1) soil boring down through the water table and inserting a slotted, PVC column to allow fresh groundwater to enter. The temporary monitoring well was developed and allowed to stand one (1) day prior to sampling. The approximate locations of the groundwater monitoring wells are depicted in **Figures 3A and 3B**.

5.0 LABORATORY TESTING AND RESULTS

5.1 Subsurface Soil Analytical Methods

The laboratory analytical methods selected for this *Limited PSA* were based on the history and usage of the subject property, as well as the history and usage of potential offsite sources of impact to the subject property. For instance, since there were no known sources of metal impacts onsite, soil samples that were selected for metals analysis generally coincided with those locations on the subject property that were likely to have been affected by an offsite release. Furthermore, soil samples selected for total petroleum hydrocarbon analysis generally coincided with those areas on the subject property that were likely to have been affected by the known petroleum release. For general screening purposes, the laboratory analyses that were selected consisted of volatile and semi-volatile organics (VOCs and SVOCs, respectively).

A total of seventy-five (75) soil samples were submitted for one or more of the following laboratory analyses: total petroleum hydrocarbons (TPH) by EPA Method 5030/5035 (gasoline range organics - GRO) and 3550 (diesel range organics - DRO), 8 RCRA Metals by EPA Method 6010B, 7471, VOCs and SVOCs by EPA Method 8260/5035 and 8270, respectively, and for pesticides by EPA Method 8081.

5.2 Laboratory Analytical Results - Soil

The laboratory analytical results indicated that twenty-two (22) of the total twenty-four (24) soil samples that were submitted for metals analysis contained elevated levels of lead, arsenic, and mercury above current state and/or federal regulatory standards. Specifically, total lead was detected at a maximum concentration of 342 mg/kg (parts per million) with a secondary maximum concentration value of 162 mg/kg. Arsenic was detected at a maximum concentration of 18.5 mg/kg with a secondary maximum concentration of 14.6 mg/kg. Mercury was detected at a maximum concentration of 0.144 mg/kg with a secondary maximum concentration of 0.142 mg/kg. The results of the analytical testing of the soil samples for 8 RCRA Metals are summarized in **Table 1**.

For comparison purposes, the calculated values (2x's the arithmetic mean) for the naturally occurring levels of metals were used for the subject property as reported in a "*Limited Preliminary Site Assessment – Parcel 009 Recycling Industries (Atlantic Scrap & Processing, LLC)*". The background sample data for metals are believed to be comparable for Parcels 008 and 011 and thus, are included in **Table 1**. In addition, the metals analyses were tabulated and compared to the Environmental Protection Agency (EPA), Region IX, Preliminary Remediation Guidelines (PRGs); the NC Hazardous Waste Section's (HWS) Soil Screening Levels (SSLs); and the NC DENR Groundwater (GW) Section Soil Clean-up Levels. The laboratory results and Chain-of-Custody

Records (COC) for soils are presented in **Appendix C**.

The laboratory analytical results indicated that forty-six (46) of the seventy-five (75) total soil samples submitted for VOC and SVOC analysis, only two (2) soil samples were reported as having one (1) VOC constituent above the current, respective NCDENR Soil-to-GW Maximum Soil Contaminant Concentration (MSCC) standard. Specifically, tetrachloroethene (PCE) was detected at a concentration of 0.00941 mg/kg in soil sample “P11GP4-20” and at a concentration of 0.00919 mg/kg in soil sample “P8GP11-8”. Both of the concentrations reported are slightly above the MSCC standard of 0.0074 mg/kg for this compound. Other VOC constituents were detected only in the two samples listed above and at residual levels well below regulatory limits.

For SVOCs, the laboratory analytical results indicated that bis (2-ethylhexyl) phthalate was present in soil sample “P11GP3-15” at a concentration of 1.04 mg/kg. The reported concentration for bis (2-ethylhexyl) phthalate is below the respective MSCC standard of 6.67mg/kg. The laboratory analytical results indicated pesticides were not detectable in any of the seven (7) soil samples that were submitted for the analysis. The laboratory analytical results for VOCs, SVOCs, and pesticides are summarized in **Table 2**.

The laboratory analytical results indicated that out of the twenty-one (21) of seventy-five (75) soil samples submitted for TPH analysis, showed only one soil sample was reported as having DROs present in the sample above the current, respective DWQ Action Limit of 40 mg/kg. Specifically, DROs were detected in soil sample “P11GPD-8” at a concentration of 116 mg/kg. DROs were also detected in soil sample “P11GPE-4” at a concentration of 25.9 mg/kg, which is below the respective Action Limit. There were no other detectable DROs or GROs in any other samples analyzed for TPH. The laboratory analytical results for TPH are summarized in **Table 3**.

5.3 Laboratory Analytical Results - Groundwater

Review of the groundwater analytical data from a May 2002 groundwater monitoring event for an LSA (May 2002) on Parcel 011 indicated that five (5) of five (5) samples collected from monitoring wells installed for previous assessment/investigation activities contained concentrations of VOC analytes above the 15A NCAC 02L .0202 Groundwater Quality Standards. Specific results are summarized as follows:

Analytical results for “MW-1” reported the following analytes above the 2L Groundwater Quality Standards: benzene (22 ug/L), PCE (4 ug/L), and butylbenzylphthalate (1,700 ug/L). For “MW-2” and “MW-3”, butylbenzylphthalate (2,700 and 1,000 ug/L, respectively) was the only constituent detected above the 2L Groundwater Quality Standard of 100 ug/L. For “MW-4”, the constituents detected above the 2L Groundwater Quality Standards were: benzene (54 ug/L), ethylbenzene (48 ug/L), and C₅ –C₈ aliphatics (430 ug/L). The laboratory analytical results for

“MW-5” indicated that PCE was present at a concentration of 11 ug/L and butylbenzylphthalate at a concentration of 3,100 ug/L. A copy of the laboratory analytical report for groundwater is included in **Appendix D**.

6.0 SUMMARY OF FINDINGS

EI has reviewed information gathered for the Limited PSA study including site reconnaissance, review of DOT plan sheets, review of former site investigations, review of site investigations including soil and groundwater collection activities, and review of the laboratory analytical report. Compiled below is a summarized list of the significant findings.

- A review of the public record indicated that two (2) petroleum USTs were permanently closed by removal methods in 1992. A release was discovered and subsequent assessment and corrective actions were undertaken to mitigate the release. On July 27, 2004, a “Notice of No Further Action” was issued by the WSRO.
- Further review indicated that Virginia Carolina Chemical Company operated a fertilizer facility and the Carolina Ore Company operated a smelting operation near the subject property in the early 1900s. Based on historical reports, the northeastern portion of the historical Virginia Carolina Chemical Company property boundary overlaps the current southeastern portion of the Atlantic Scrap and Processing facility. Although the specifics of historical facility operations and the layout of the site were not reasonably ascertainable for this project, reportedly, there were furnaces and acid pits onsite. Reportedly, the NC Superfund Section performed a preliminary screening of the Virginia Carolina Chemical Company site, but could not match information from historic resources correctly with actual field conditions. No additional information on the subject property was available at the time of this PSA.
- Seventy-five (75) soil samples were collected in the existing and proposed NCDOT ROW and within the vicinity of the *proposed or existing drainage areas* within the proposed ROW and submitted for select laboratory analysis for impact from metals, VOCs, SVOCs, TPHs, and pesticides. The laboratory analytical results showed elevated concentrations of total lead, arsenic, mercury, PCE, and DROs above current regulatory standards.
- Review of the historical groundwater analytical data indicated that five (5) of five (5) groundwater samples collected from monitoring wells installed for previous assessment/investigation activities showed concentrations of VOC analytes above the 15A NCAC 02L .0202 Groundwater Quality Standards. Groundwater quality data collected from one (1) temporary monitoring well (“P8-TW1”) installed in the southeastern portion of the subject property did not indicate the presence of regulated compounds.

7.0 CONCLUSIONS AND RECOMMENDATIONS

EI personnel have reviewed information obtained during the *Limited PSA* at the site and present the following conclusions and recommendations. Note that because of the limited scope-of-work for this assessment, full delineation of impacts to soil and/or groundwater would require more comprehensive assessment activities. Therefore, the estimated quantities of impacted soils provided below are based on the available information and likely represent the upper limits for tonnages of impacted soil accordingly.

Metal-Impacted Soils

The vadose zone in the southeastern portion of the subject property (Parcel 008) near soil sample location “P8GP3”, plus four (4) smaller, isolated areas (Parcel 011), *within the proposed* ROW have been impacted by heavy metals including lead, arsenic, and mercury. Given the number of soil samples collected, the range of metal concentrations that were detected, and the spatial distribution of elevated metal concentrations, total lead was selected for quantification of general metal-impact to the study area.

Spatial Extent of Metal-Impacted Soils – Parcels 008 and 011

Figure 4A depicts the spatial extent of lead-impacted soils for Parcel 008 based on the laboratory analytical data. The extent of lead-impacted soils with concentrations above NC Groundwater Section Soil Cleanup Levels for lead of 270 mg/kg appears to cover a total area of 1,500 ft² (0.034 acres) and is centered on soil sampling location “P8GP3”. The extent of lead-impacted soils with concentrations above the background lead concentrations of 40.4 mg/kg appears to cover a total area of 9,325 ft² (0.21 acres) and includes of four (4) smaller, isolated areas located on Parcel 011. Note that the isolated areas correspond to the following soil sampling locations: “P11GP3”, “P11GP5”, “P11GP8”, and “P11GP11”. For volumetric estimation of impacted soils, all four (4) isolated areas were utilized to estimate total lead-impacted soils above background level. **Figure 4B** depicts the spatial extent of lead-impacted soils for the isolated areas of lead-impact on Parcel 011.

Volumetric Estimation of Metal-Impacted Soils – Parcels 008 and 011

Based on the sample depths for the lead-impacted soils on Parcel 008, the affected soils appear to exist between eight (8) feet to twenty (20) feet bls. The total estimate of impacted soils above the background lead concentrations of 40.4 mg/kg on Parcel 008 ranges from **2,600 cubic yards (approximately 3,900 tons)** to **6,500 cubic yards (approximately 9,750 tons)**. Based on the laboratory analytical results from soil samples obtained on Parcel 008, it appears that an estimated volume of **445 cubic yards (approximately 667 tons)** to **1,111 cubic yards (approximately 1,666 tons)** is present above the NC GW Section’s Soil Clean-up Level of 270 mg/kg.

Based on the sample depth for lead-impacted soils at the four isolated areas on (Parcel 011), the affected soils appear to extend to approximately 15 feet bgs. Based on calculations, it appears that at the most, there are approximately **200 cubic yards (approximately 300 tons)** of impacted soils per isolated area present, or approximately a total of **1,200 tons** of lead-impacted soil for the four isolated areas. Note that based on the laboratory analytical results, the lead-impacted soils on Parcel 011 contain total lead levels above the background concentrations, but below the NC GW Section's Soil Cleanup Level for lead of 270 mg/kg.

Should the NCDOT proceed with acquiring the ROW as proposed or otherwise that would encompass the metal-impacted soils as described, EI recommends that corrective actions be undertaken to minimize the risk to health and environment. It should be noted that the corrective action planning for lead-impacted soils should include the remediation of arsenic, and mercury-impacted soils as well. Among other remedial options, immobilization technologies may prove effective for minimizing remedial costs, as well as the risk to health and environment.

VOC and SVOC-Impacted-Soils

Based on the laboratory analytical results, the vadose zone at the subject property has been impacted by PCE *within the proposed ROW* for Parcel 008 and *within the study area* for Parcel 011. PCE was detected in only two (2) soil samples and more importantly, at levels slightly above current, respective regulatory limits (0.0074 mg/kg). The two (2) sample locations were remote to each other and at varying depths bls.

TPH-Impacted Soils

DROs were detected in the vadose zone near the AST containment area and *within the proposed ROW*. Laboratory analytical results reported DRO concentrations above DWQ Action Limits (40 mg/kg) in one (1) soil sample. Detected concentrations of DROs in soil sample "P11GPD-8" are reportable. Based on the available information, the quantity of DRO-impacted soil is estimated between **460 cubic yards (approximately 690 tons) and 920 cubic yards (approximately 1,380 tons)**.

Groundwater Impact

Review of historical analytical data that indicated that five (5) of five (5) samples collected from monitoring wells installed for previous assessment/investigation activities showed concentrations of VOC analytes above the 15A NCAC 02L .0202 Groundwater Quality Standards. Based on the existing groundwater quality data from Parcel 011 and the date of collection for the data, it appears that the groundwaters beneath Parcel 011 have been impacted by regulated compounds at levels such that the respective groundwaters are likely to be impacted above current regulatory standards at this time. Groundwater quality data from one (1) temporary monitoring well ("P8-

TW1”) installed in the southeastern portion of the subject property did not indicate the presence of regulated compounds above detection limits. Based on the available information, groundwater quality at the southeastern limits of Parcel 008 does not appear to be impacted with respect to VOCs and SVOCs.

Prior to the NCDOT proceeding with installing drainage piping or cut areas in the northwestern portion of the subject property, planning for the capture and disposal of petroleum-impacted groundwaters in the ROW should be considered. The specifics regarding construction detail for the drainage areas were not available at the time of this project.

Based on the data collected for this *Limited PSA* and the available information, the study area has been impacted by regulated substances; and thus, is reportable.

Note: This report does not constitute a guarantee that all potential sources of environmental contamination have been assessed and subsequently analyzed.

TABLES

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS for 8 RCRA Metals
P008, P011-Waste Management of Carolinas, Inc.
3301 North Glenn Avenue
Winston-Salem (Forsyth Co.), NC
EI Project No.: ENMO050015.00

	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
EPA Region 9 PRGs (mg/kg)	0.39	5400	37	210	400	23	390	390
NC HWS SSLs (mg/kg)	5.24	848	2.72	27.2	270	0.0154	12.2	0.223
NC DENR GW Section Soil Clean-up Levels (mg/kg)	NS	848	NS	27	270	NS	NS	NS
Background Concentrations (mg/kg)	5.75	NA	0	5.76	40.4	0	5.26	0
Sample Identification	Laboratory Analysis (mg/kg) RCRA Metals 6010B & 7471							
P8GP1-20	3.03	BQL	BQL	BQL	12.1	0.0253	BQL	BQL
P8GP2-13	BQL	BQL	BQL	BQL	12.7	BQL	BQL	BQL
P8GP3-8	7.30	63.1	BQL	BQL	342	0.0237	BQL	BQL
P8GP4-20	1.97	42.2	BQL	3.56	46.0	BQL	BQL	BQL
P8GP5-20	1.68	BQL	BQL	1.68	16.3	BQL	BQL	BQL
P8GP6-20	NA	NA	NA	NA	NA	NA	NA	NA
P8GFP7-20	NA	NA	NA	NA	NA	NA	NA	NA
P8GP8-20	NA	NA	NA	NA	NA	NA	NA	NA
P8GP9-20	NA	NA	NA	NA	NA	NA	NA	NA
P8GP10-15	NA	NA	NA	NA	NA	NA	NA	NA
P8GP11-8	NA	NA	NA	NA	NA	NA	NA	NA
P8GP12-5	NA	NA	NA	NA	NA	NA	NA	NA
P8GP13-8	NA	NA	NA	NA	NA	NA	NA	NA
P8GP14-18	NA	NA	NA	NA	NA	NA	NA	NA
P8GP15-18	NA	NA	NA	NA	NA	NA	NA	NA
P8GP16-20	NA	NA	NA	NA	NA	NA	NA	NA
P8GP17-14	NA	NA	NA	NA	NA	NA	NA	NA
P8GP18-14	NA	NA	NA	NA	NA	NA	NA	NA
P8GP19-16	NA	NA	NA	NA	NA	NA	NA	NA
P8GP20-13	NA	NA	NA	NA	NA	NA	NA	NA
P8GP21	NA	NA	NA	NA	NA	NA	NA	NA
P8GP22-8	NA	NA	NA	NA	NA	NA	NA	NA
P8GP23-12	NA	NA	NA	NA	NA	NA	NA	NA
P8GP24-12	NA	NA	NA	NA	NA	NA	NA	NA
P8GP25-12	NA	NA	NA	NA	NA	NA	NA	NA
P8GP26-11	NA	NA	NA	NA	NA	NA	NA	NA
P8GP27-11	NA	NA	NA	NA	NA	NA	NA	NA
P8GP28-15	NA	NA	NA	NA	NA	NA	NA	NA
P8GP29-15	NA	NA	NA	NA	NA	NA	NA	NA
P8GP30-15	NA	NA	NA	NA	NA	NA	NA	NA

NS = No Standard
BQL = Below Quantitation Limit
PRGs = Prelim. Remediation Goals
SSLs = Soil Screening Levels
Bold Font = above one or more regulatory standard

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NC DENR GW Section Soil Clean-up Levels (mg/kg)	NS	848	NS	27	270	NS	NS	NS
Background Concentrations (mg/kg)	5.75	NA	0	5.76	40.4	0	5.26	0
Sample Identification	Laboratory Analysis (mg/kg) RCRA Metals 6010B & 7471							
P8GP31-15	NA	NA	NA	NA	NA	NA	NA	NA
P8GP32-15	NA	NA	NA	NA	NA	NA	NA	NA
P8HA33-1	5.5	36.3	BQL	12.5	35.8	0.0398	BQL	BQL
P8GP34-1.5	3.85	15.3	BQL	12.7	25.5	0.0410	BQL	BQL
P8HA35-1.5	4.88	BQL	BQL	13.6	22.5	0.0589	BQL	BQL
P8HA36-1.5	6.55	21.6	BQL	20.9	66.5	0.142	BQL	BQL
P8HA37-1.5	5.71	33.9	BQL	16.1	28.2	0.144	BQL	BQL
P8HA38-1.5	5.43	21.4	BQL	17.2	25.7	0.0736	BQL	BQL
P8HA39-1.5	9.43	22.9	BQL	23.3	31.0	0.0835	BQL	BQL
P11GP1-10	NA	NA	NA	NA	NA	NA	NA	NA
P11GP2-16	NA	NA	NA	NA	NA	NA	NA	NA
P11GP3-15	5.62	45.5	1.76	13.3	137	0.123	3.51	BQL
P11GP4-20	12.7	87.9	BQL	BQL	12.3	BQL	BQL	BQL
P11GP5-15	3.25	24.2	BQL	BQL	120	BQL	2.08	BQL
P11GP6-15	NA	NA	NA	NA	NA	NA	NA	NA
P11GP7-9	4.55	16.3	BQL	12.2	30.2	0.0888	BQL	BQL
P11GP8-9	14.6	144	BQL	12.4	162	0.120	3.37	BQL
P11GP9-15	2	BQL	BQL	2.29	34.9	BQL	BQL	BQL
P11GP10-1	2.12	BQL	BQL	BQL	3.6	BQL	BQL	BQL
P11GP11-1	18.5	108	BQL	BQL	129	0.0430	BQL	BQL
P11GP12	BQL	BQL	BQL	BQL	26.7	BQL	BQL	BQL
P11GP13-20	NA	NA	NA	NA	NA	NA	NA	NA
P11GP14-15	NA	NA	NA	NA	NA	NA	NA	NA
P11GPA-10	NA	NA	NA	NA	NA	NA	NA	NA
P11GPB-10	NA	NA	NA	NA	NA	NA	NA	NA
P11GPC-8	NA	NA	NA	NA	NA	NA	NA	NA
P11GPD-8	NA	NA	NA	NA	NA	NA	NA	NA
P11GPE-4	NA	NA	NA	NA	NA	NA	NA	NA
P11GPF-4	NA	NA	NA	NA	NA	NA	NA	NA
P11GPG-8	NA	NA	NA	NA	NA	NA	NA	NA
P11GPH-8	NA	NA	NA	NA	NA	NA	NA	NA
P11GPI-5	NA	NA	NA	NA	NA	NA	NA	NA
P11GPJ-6	NA	NA	NA	NA	NA	NA	NA	NA
P11GPK-8	NA	NA	NA	NA	NA	NA	NA	NA
P11GPL-8	NA	NA	NA	NA	NA	NA	NA	NA
P11HAQ-1	4.64	15.8	BQL	15.9	23.5	0.0453	BQL	BQL
P11HAR-1	8.42	18.8	BQL	19.6	22.2	0.05205	BQL	BQL
P11HAS-1.5	0.964	BQL	BQL	1.10	7.31	BQL	BQL	BQL
P11HAT-4	NA	NA	NA	NA	NA	NA	NA	NA
P11HAU-4	NA	NA	NA	NA	NA	NA	NA	NA
P11HAV-3.5	NA	NA	NA	NA	NA	NA	NA	NA

NS = No Standard
BQL = Below Quantitation Limit
PRGs = Prelim. Remediation Goals
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TABLE 2
 Summary of Soil Analytical Results
 VOCs, SVOCs, and Pesticides
 P008, P011-Waste Management of Carolinas, Inc.
 3301 North Glenn Avenue
 Winston-Salem (Forsyth Co.), NC
 EI Project No.: ENMO050015.00

Laboratory Analysis	Sample Point Location										Soil-to-GW MSCCs (mg/kg)					
	Sample Depth - Feet															
	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date						
	15.0-16.0	20.0-21.0	15.0-16.0	10.0-11.0	10.0-11.0	10.0-11.0	8.0-9.0	8.0-9.0	8.0-9.0	8.0-9.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	3.5-4.0	8.0-9.0
	8/9/2005	8/29/2005	8/29/2005	8/29/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/8/2005
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Field Screening Results-PID (ppm)															
	Cleanup Standards (MSCC)															
	Residential MSCCs (mg/kg)	Industrial/Commercial MSCCs (mg/kg)									Soil-to-GW MSCCs (mg/kg)					
VOC's																
GCMS 8250/5035																
Acetone	1564	40880	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
2-Butanone	NS	NS	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Carbon disulfide	1564	40880	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
2-Hexanone	625	16352	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Benzene	22	200	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Toluene	3200	82000	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Ethylbenzene	1560	40000	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Xylene	32000	200000	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Isopropylbenzene (Cumene)	1564	40880	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
1,2,3-Trichloropropane	NS	NS	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
n-Propylbenzene	NS	NS	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
1,3,5-Trimethylbenzene	782	20440	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
1,2,4-Trimethylbenzene	782	20440	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
n-Butylbenzene	156	4088	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
1,2-dichloropropane	NS	NS	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Naphthalene	63	1635	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Tetrachloroethene	12	110	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Methyl-tert-butyl Ether	156	4088	BOL	BOL	NA	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Semi-VOC's GCMS 8270																
Acenaphthene	940	24000	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Anthracene	4600	12200	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA	BOL	BOL	NA	NA	NA	BOL
Benzofluoranthene	0.88	6	BOL	BOL	BOL	BOL	BOL	BOL	BOL	0.091/0.088	BOL	BOL	NA	NA	NA	BOL
Benzofluoranthene	0.88	0.78	BOL	BOL	BOL	BOL	BOL	BOL	BOL	0.091/0.088	BOL	BOL	NA	NA	NA	BOL
Benzofluoranthene	469	12284	BOL	BOL	BOL	BOL	BOL	BOL	BOL	6720	BOL	BOL	NA	NA	NA	BOL
Chrysene	88	780	BOL	BOL	BOL	BOL	BOL	BOL	BOL	12	BOL	BOL	NA	NA	NA	BOL
Dibenzofluoranthene	NS	NS	BOL	BOL	BOL	BOL	BOL	BOL	BOL	38	BOL	BOL	NA	NA	NA	BOL
Dibenzofluoranthene	62	1635	BOL	BOL	BOL	BOL	BOL	BOL	BOL	4.7	BOL	BOL	NA	NA	NA	BOL
Fluoranthene	620	16400	BOL	BOL	BOL	BOL	BOL	BOL	BOL	276	BOL	BOL	NA	NA	NA	BOL
Fluorene	820	16400	BOL	BOL	BOL	BOL	BOL	BOL	BOL	44	BOL	BOL	NA	NA	NA	BOL
Indeno(1,2,3-cd)pyrene	0.88	8	BOL	BOL	BOL	BOL	BOL	BOL	BOL	3	BOL	BOL	NA	NA	NA	BOL
Phenol	NS	NS	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NA	NA	NA	BOL
Naphthalene	63	1635	BOL	BOL	BOL	BOL	BOL	BOL	BOL	0.58	BOL	BOL	NA	NA	NA	BOL
2-Methylnaphthalene	63	1635	BOL	BOL	BOL	BOL	BOL	BOL	BOL	3	BOL	BOL	NA	NA	NA	BOL
Fluorene	620	16400	BOL	BOL	BOL	BOL	BOL	BOL	BOL	44	BOL	BOL	NA	NA	NA	BOL
bis(2-Ethylhexyl)phthalate	NS	NS	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NA	NA	NA	BOL
Phenanthrene	469	12284	BOL	BOL	BOL	BOL	BOL	BOL	BOL	60	BOL	BOL	NA	NA	NA	BOL
Pyrene	469	12284	BOL	BOL	BOL	BOL	BOL	BOL	BOL	286	BOL	BOL	NA	NA	NA	BOL
Pesticides EPA 8081																
All analytes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not analyzed/applicable
 BOL = Below Quantitation Limits

TABLE 2
 Summary of Soil Analytical Results
 VOCs, SVOCs, and Pesticides
 P008, P011-Waste Management of Carolinas, Inc.
 3301 North Glenn Avenue
 Winston-Salem (Forsyth Co.), NC
 EI Project No.: ENM0050015.00

Laboratory Analysis	Sample Point Location										Soil-to-GW MSCCs (mg/kg)			
	Sample Depth - Feet													
	Sample Date													
VOC's	Field Screening Results-PID (ppm)										Residential MSCCs (mg/kg)	Industrial/Commercial MSCCs (mg/kg)	Soil-to-GW MSCCs (mg/kg)	
	P8GP22	P8GP23	P8GP24	P8GP25	P8GP26	P8GP27	P8GP28	P8GP29	P8GP30	P8GP31				P8GP32
GCMS B26/5035	0	0	0	0	0	0	0	0	0	0	0			
Acetone	1564	40880	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	3		
2-Butanone	NS	NS	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS		
Carbon disulfide	1564	40880	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	4		
2-Hexanone	625	16352	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.9		
Benzene	22	200	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.0056		
Toluene	3200	82000	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	7		
Ethylbenzene	1560	40000	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.24		
Xylene	32000	200000	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	5		
Isopropylbenzene (Cumene)	1564	40880	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2		
1,2,3-Trichloropropane	NS	NS	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS		
n-Propylbenzene	NS	NS	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS		
1,3,5-Trimethylbenzene	782	20440	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	7		
1,2,4-Trimethylbenzene	782	20440	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	8		
n-Butylbenzene	156	4088	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	4		
1,2-dichloropropane	NS	NS	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS		
Naphthalene	63	1635	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.58		
Tetrachloroethene	12	110	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.0074		
Methyl-tert-butyl Ether	156	4088	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.92		
Laboratory Analytical Results/ mg/kg														
Semi-VOC's GCMS 8270														
Acenaphthene	940	24000	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	8		
Anthracene	4800	12200	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	995		
Benzofluoranthene	0.88	8	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.34		
Benzofluoranthene	0.088	0.78	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.097/0.088		
Benzofluoranthene	469	12264	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1		
Benzofluoranthene	9	78	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	6720		
Chrysene	88	780	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	12		
Dibenzofluoranthene	NS	NS	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	38		
Dibenzofluoranthene	62	1635	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	4.7		
Fluoranthene	620	16400	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	276		
Fluorene	620	16400	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	44		
Indeno(1,2,3-cd)pyrene	0.88	8	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	3		
Phenol	NS	NS	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS		
Naphthalene	63	1635	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.58		
2-Methylnaphthalene	63	1635	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	3		
Fluorene	620	16400	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	44		
bis (2-Ethylhexyl)phthalate	NS	NS	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS		
Phenanthrene	469	12264	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	60		
Pyrene	469	12264	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	286		
Laboratory Analytical Results mg/kg														
Pesticides EPA 8081														
All analytes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not analyzed/applicable
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 VOCs, SYOCs, and Pesticides
 P008, P011-Waste Management of Carolinas, Inc.
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Laboratory Analysis	Sample Point Location												Soil-to-GW MSCCs (mg/kg)					
	Sample Depth - Feet																	
	Sample Date																	
Field Screening Results-PID (ppm)													Soil-to-GW MSCCs (mg/kg)					
Cleanup Standards (MSCC)																		
Residential MSCCs (mg/kg)	Industrial/Commercial MSCCs (mg/kg)																	
VOC's	Laboratory Analytical Results/ mg/kg																	
GCMS 8270/8081	Laboratory Analytical Results/ mg/kg																	
Acetone	1564	40980	NA	NA	BOL	BOL	0.471	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
2-Butanone	NS	NS	NA	NA	BOL	BOL	0.129	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Carbon disulfide	1564	40980	NA	NA	BOL	BOL	0.00937	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
2-Hexanone	625	16352	NA	NA	BOL	BOL	0.0136	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Benzene	22	200	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Toluene	3200	82000	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Ethylbenzene	1560	40000	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Xylene	32000	200000	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Isopropylbenzene (Cumene)	1564	40980	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
1,2,3-Trichloropropane	NS	NS	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
n-Propylbenzene	782	20440	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
1,3,5-Trimethylbenzene	782	20440	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
1,2,4-Trimethylbenzene	156	4098	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
n-Butylbenzene	NS	NS	NA	NA	BOL	BOL	0.0141	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
1,2-dichloropropane	63	1635	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Naphthalene	12	110	NA	NA	BOL	BOL	0.00941	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Tetrachloroethene	156	4098	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Methyl-tert-butyl Ether			NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Semi-VOC's GCMS 8270	Laboratory Analytical Results mg/kg																	
Acenaphthene	940	24000	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Anthracene	4600	12200	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Benzofluoranthene	0.88	8	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Benzofluorene	0.88	8	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Benzofluoranthene	0.88	8	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Benzofluoranthene	469	12264	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Chrysene	88	78	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Dibenzofluoranthene	NS	NS	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Dibenzofluoranthene	62	1635	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Fluoranthene	620	16400	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Fluorene	620	16400	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Indeno(1,2,3-cd)pyrene	0.88	8	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Phenol	NS	NS	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Naphthalene	63	1635	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
2-Methylnaphthalene	63	1635	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Fluorene	620	16400	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Bis (2-Ethylhexyl)phthalate	NS	NS	NA	NA	BOL	BOL	1.04	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Phenanthrene	469	12264	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Pyrene	469	12264	NA	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NA
Pesticides EPA 8081	Laboratory Analytical Results mg/kg																	
All analytes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not analyzed/applicable
 BOL = Below Quantitation Limits

TABLE 2
 Summary of Soil Analytical Results
 VOCs, SVOCs, and Pesticides
 P008, P011-Waste Management of Carolinas, Inc.
 3301 North Glenn Avenue
 Winston-Salem (Forsyth Co.), NC
 EI Project No.: ENMO050015.00

Laboratory Analysis	Sample Point Location										Soil-to-GW MSCCs (mg/kg)									
	Sample Depth - Feet																			
	Sample Date																			
Field Screening Results-PID (ppm)																				
Cleanup Standards (MSCC)																				
Residential MSCCs (mg/kg)		Industrial/Commercial MSCCs (mg/kg)		P11GPA-15		P11GPA-10		P11GPD-3		P11GPH-3		P11GPH-5		P11GPH-8		P11GPH-5		P11GPH-8		
VOC's																				
GCMS 8270/5635	1564	40880	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acetone	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Butanone	1564	40880	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbon disulfide	625	16352	1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Hexanone	22	200	0.0056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzene	3200	82000	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Toluene	1560	40000	0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethylbenzene	32000	200000	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Xylene	1564	40880	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Isopropylbenzene (Cumene)	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	782	20440	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	782	20440	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	156	4088	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-dichloropropane	63	1635	0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	12	110	0.0074	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	156	4088	0.92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methyl-tert-butyl Ether				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Semi-VOC's GCMS 8270											Laboratory Analytical Results mg/kg									
Acenaphthene	940	24000	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	4600	12200	995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benz(a)anthracene	0.88	8	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benz(b)pyrene	0.88	0.78	0.091/0.088	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzofluoranthene	469	12284	6720	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzokjfluoranthene	9	78	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	88	780	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenz(a,h)anthracene	NS	NS	0.17/0.088	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenzofuran	62	1635	4.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	620	16400	276	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	820	16400	44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	0.88	8	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenol	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	63	1635	0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	63	1635	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	620	16400	44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
bis(2-Ethylhexyl)phthalate	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	469	12264	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	469	12264	286	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pesticides EPA 8081											Laboratory Analytical Results mg/kg									
All analytes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

NA = Not analyzed/applicable
 BQL = Below Quantitation Limits

TABLE 2
 Summary of Soil Analytical Results
 VOCs, SVOCs, and Pesticides
 P008, P011-Waste Management of Carolinas, Inc.
 3301 North Glenn Avenue
 Winston-Salem (Forsyth Co.), NC
 E1 Project No.: ENM0050015.00

Laboratory Analysis	Sample Point Location		Field Screening Results-PID (ppm)											
	Sample Depth - Feet		Cleanup Standards (MSCC)											
	Residential MSCCs (mg/kg)	Industrial/Commercial MSCCs (mg/kg)	Soil-to-GW MSCCs (mg/kg)	PT1G-L-3	PT1G-P-3	PT1G-P-15	PT1G-P-15	PT1G-P-15	PT1G-P-15	PT1HAR-8	PT1HAR-15	PT1HAR-15	PT1HAR-15	PT1HAR-15
VOC's														
Acetone	1564	40880	3	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
2-Butanone	NS	NS	NS	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Carbon disulfide	4564	40880	NS	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
2-Hexanone	625	16352	1.9	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Benzene	3200	200	0.0956	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Toluene	3200	82000	0.24	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Ethylbenzene	1560	40000	5	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Xylene	32000	200000	2	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Isopropylbenzene (Cumene)	1564	40880	NS	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
1,2,3-Trichloropropane	NS	NS	NS	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
n-Propylbenzene	782	20440	7	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
1,3,5-Trimethylbenzene	782	20440	8	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
1,2,4-Trimethylbenzene	156	4088	4	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
n-Butylbenzene	NS	NS	NS	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
1,2-dichloropropane	63	1635	0.58	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Naphthalene	12	110	0.0074	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Tetrachloroethene	156	4088	0.92	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Methyl-tert-butyl Ether				NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Semi-VOC's GCMS 8270														
Acenaphthene	940	24000	8	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Anthracene	4600	12200	995	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Benzofluoranthene	0.88	8	0.34	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Benzol[a]pyrene	0.068	0.78	0.097/0.088	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Benzofluoranthene	0.88	8	1	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Benzol[b]fluoranthene	469	12264	6720	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Benzol[k]fluoranthene	9	78	12	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Chrysene	88	780	38	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Dibenzofluoranthene	62	NS	0.1770/0.088	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Dibenzoluran	620	16400	276	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Fluoranthene	620	16400	44	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Fluorene	0.88	8	3	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Indeno[1,2,3-cd]pyrene	NS	NS	NS	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Naphthalene	63	1635	0.58	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
2-Methylnaphthalene	620	16400	3	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Fluorene	620	16400	44	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
bis(2-Ethylhexyl)phthalate	NS	NS	NS	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Phenanthrene	469	12264	60	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Pyrene	469	12264	286	NA	BOL	NA	BOL	NA	NA	BOL	NA	BOL	NA	NA
Pesticides EPA 8081														
All analytes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not analyzed/applicable
 BQL = Below Quantitation Limits

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS for TPH
P008, P011-Waste Management of Carolinas, Inc.
3301 North Glenn Avenue
Winston-Salem (Forsyth Co.), NC
EI Project No.: ENM0050015.00

Sample Identification	P11GP1-10	P11GP2-16	P11GP3-15	P11GP4-20	P11GP5-15	P11GP6-15	P11GP7-9	P11GP8-9
Sample Depth - Feet	10.0-11.0	15.5-16.0	15.0-15.5	20.0-21.0	15.0-15.5	15.0-15.5	9.0-9.5	9.0-9.5
Sample Date	8/9/2005	8/9/2005	NA	NA	NA	8/9/2005	NA	NA
Field Screening Results-PID (ppm)	0	0	0	0	0	0	0	0
Laboratory Analysis	LABORATORY ANALYTICAL RESULTS (mg/kg)							
NC DWQ Action Limits								
TPH-GC/PID#0021 GRO	BQL	BQL	NA	NA	NA	BQL	NA	NA
TPH-GC/FID#0015 DRO	BQL	BQL	NA	NA	NA	BQL	NA	NA

NA = Not Applicable/Analyzed
BQL = Below Quantitation Limits
Bold Font = above DWM Action Limits

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS for TPH
P008, P011-Waste Management of Carolinas, Inc.
3301 North Glenn Avenue
Winston-Salem (Forsyth Co.), NC
EI Project No.: ENMM050015.00

Sample Identification	P11GP9-15	P11GP10-9	P11GP11-1	P11GP12	P11GP13-20	P11GP14-15	P11GPA-10	P11GPB-10	P11GPC-8	P11GPD-8	P11GPE-4	P11GPF-4
Sample Depth - Feet	15.0-15.5	9.0-9.5	29.5-30.0	28.0-29.0	21.0-21.5	28.0-29.0	10.0-11.0	10.0-11.0	8.0-9.0	8.0-9.0	4.0-5.0	4.0-5.0
Sample Date	NA	NA	NA	NA	8/29/2005	8/29/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005
Field Screening Results-PID (ppm)	0	0	0	0	0	0	0	0	0	27	0	0
Laboratory Analysis	LABORATORY ANALYTICAL RESULTS (mg/kg)											
NC DWQ Action Limits												
TPH-GC/FID#021	NA	NA	NA	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
GRO	NA	NA	NA	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
TPH-GC/FID#015	NA	BQL	NA	NA	BQL	BQL	BQL	BQL	BQL	BQL	25.9	BQL
DRO	NA	BQL	NA	NA	BQL	BQL	BQL	BQL	BQL	116	BQL	BQL

NA = Not Applicable/Analyzed
BQL = Below Quantitation Limits
Bold Font = above DWM Action Limits

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS for TPH
P008, P011-Waste Management of Carolinas, Inc.
 3301 North Glenn Avenue
 Winston-Salem (Forsyth Co.), NC
 EI Project No.: ENM0050015.00

Sample Identification	P11GPG-8	P11GPH-8	P11GPI-5	P11GPI-6	P11GPK-8	P11GPK-8	P11GPL-8	P11GM-15	P11GPN-15	P11GPP-15	P11HAQ-1	P11HAR-1.5
Sample Depth - Feet	8.0-9.0	8.0-9.0	5.0-6.0	6.0-7.0	8.0-9.0	8.0-9.0	8.0-9.0	15.0-16.0	15.0-16.0	15.0-16.0	1.0-2.0	1.5-2.5
Sample Date	9/8/2005	9/8/2005	9/8/2005	9/8/2005	9/8/2005	9/8/2005	9/8/2005	9/12/2005	9/12/2005	9/12/2005	9/29/2005	9/29/2005
Field Screening Results-PID (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
Laboratory Analysis	LABORATORY ANALYTICAL RESULTS (mg/kg)											
NC DWQ Action Limits												
TPH- GC/FID/01	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NA
GRG DRO	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NA	NA

NA = Not Applicable/Analyzed
 BQL = Below Quantitation Limits
Bold Font = above DWM Action Limits

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS for TPH
P008, P011--Waste Management of Carolinas, Inc.
3301 North Glenn Avenue
Winston-Salem (Forsyth Co.), NC
EI Project No.: ENM0050015.00

Sample Identification	P11HAS-1.5	P11HAT-4	P11HAU-4	P11HAV-3.5	P8GP1-20	P8GP2-13	P8GP3-8	P8GP4-20	P8GP5-20	P8GP6-20	P8GP7-20	P8GP8-20
Sample Depth - Feet	1.5-2.5	4.0-5.0	4.0-5.0	3.5-4.5	10.0-11.0	15.5-16.0	15.0-15.5	20.0-21.0	15.0-15.5	15.0-15.5	9.0-9.5	9.0-9.5
Sample Date	9/25/2005	9/29/2005	9/29/2005	9/29/2005	8/9/2005	8/9/2005	8/9/2005	NA	NA	8/9/2005	NA	NA
Field Screening Results-PID (ppm)	0	0	0	0	0	0	0	0	0	0	0	0
LABORATORY ANALYTICAL RESULTS (mg/kg)												
Laboratory Analysis	NC DWQ Action Limits											
TPH- GC/FID/8021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-GC/FID/8015	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA
DRO	NA	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not Applicable/Analyzed
BQL = Below Quantitation Limits
Bold Font = above DWM Action Limits

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS for TPH
P008, P011--Waste Management of Carolinas, Inc.
3301 North Glenn Avenue
Winston-Salem (Forsyth Co.), NC
EI Project No.: ENMO050015.00

Sample Identification	P8GP9-20	P8GP10-15	P8GP11-8	P8GP12-5	P8GP13-8	P8GP14-18	P8GP15-18	P8GP16-20	P8GP17-14	P8GP18-14	P8GP19-15	P8GP20-13
Sample Depth - Feet	15.0-15.5	9.0-9.5	29.5-30.0	28.0-29.0	21.0-21.5	28.0-29.0	10.0-11.0	10.0-11.0	8.0-9.0	8.0-9.0	4.0-5.0	4.0-5.0
Sample Date	NA	NA	NA	NA	8/29/2005	8/29/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005	9/2/2005
Field Screening Results-PID (ppm)	0	0	0	0	0	0	0	0	0	27	0	0
Laboratory Analysis	LABORATORY ANALYTICAL RESULTS (mg/kg)											
TPH GC/MS/ID/0021 GRD	NA	NA	NA	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
TPH-GC/MS/ID/0015 DRO	NA	NA	NA	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL

NA = Not Applicable/Analyzed
BQL = Below Quantitation Limits
Bold Font = above DWM Action Limits

TABLE 3
 SUMMARY OF SOIL ANALYTICAL RESULTS for TPH
 P008, P011-Waste Management of Carolinas, Inc.
 3301 North Glenn Avenue
 Winston-Salem (Forsyth Co.), NC
 EI Project No.: ENMO050015.00

Sample Identification		P8GP21	P8GP22-8	P8GP23-12	P8GP24-12	P8GP25-12	P8GP26-11	P8GP27-11	P8GP28-15	P8GP29-15	P8GP30-15
Sample Depth - Feet	Sample Date	8.0-9.0 9/8/2005	8.0-9.0 9/8/2005	5.0-6.0 9/8/2005	6.0-7.0 9/8/2005	8.0-9.0 9/8/2005	8.0-9.0 9/8/2005	15.0-16.0 9/12/2005	15.0-16.0 9/12/2005	15.0-16.0 9/12/2005	15.0-16.0 9/12/2005
Field Screening Results-PID (ppm)		0	0	0	0	0	0	0	0	0	0
Laboratory Analysis		LABORATORY ANALYTICAL RESULTS (mg/kg)									
NC DWQ Action Limits											
TPH-GC/FID/8021	10	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
TPH-GC/FID/8015	40	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
DRO											

NA = Not Applicable/Analyzed
 BQL = Below Quantitation Limits
Bold Font = above DWM Action Limits

TABLE 3
 SUMMARY OF SOIL ANALYTICAL RESULTS for TPH
 P008, P011-Waste Management of Carolinas, Inc.
 3301 North Glenn Avenue
 Winston-Salem (Forsyth Co.), NC
 EI Project No.: ENMO050015.00

Sample Identification	Field Screening Results-PID (ppm)												
	P8GF31-15	P8GP32-15	P8HA33-1	P8HA34-1.5	P8HA35-1.5	P8HA36-1.5	P8HA37-1.5	P8HA38-1.5	P8HA39-1.5				
Sample Depth - Feet	15.0-16.0	15.0-16.0	1.0-2.0	1.5-2.5	1.5-2.5	1.5-2.5	1.5-2.5	1.5-2.5	1.5-2.5	1.5-2.5	1.5-2.5	1.5-2.5	1.5-2.5
Sample Date	9/8/2005	9/8/2005	9/29/2005	9/29/2005	9/29/2005	9/29/2005	9/29/2005	9/29/2005	9/29/2005	9/29/2005	9/29/2005	9/29/2005	9/29/2005
NC DWQ Action Limits	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Laboratory Analysis	LABORATORY ANALYTICAL RESULTS (mg/kg)												
TPH-GC/FID/0021	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRD	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-GC/FID/0015	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRO	BQL	BQL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not Applicable/Analyzed
 BQL = Below Quantitation Limits
Bold Font = above DWM Action Limits

FIGURES

USGS Winston-Salem, North Carolina, United States 03 Jul 1991



0 5Km 0 5MI



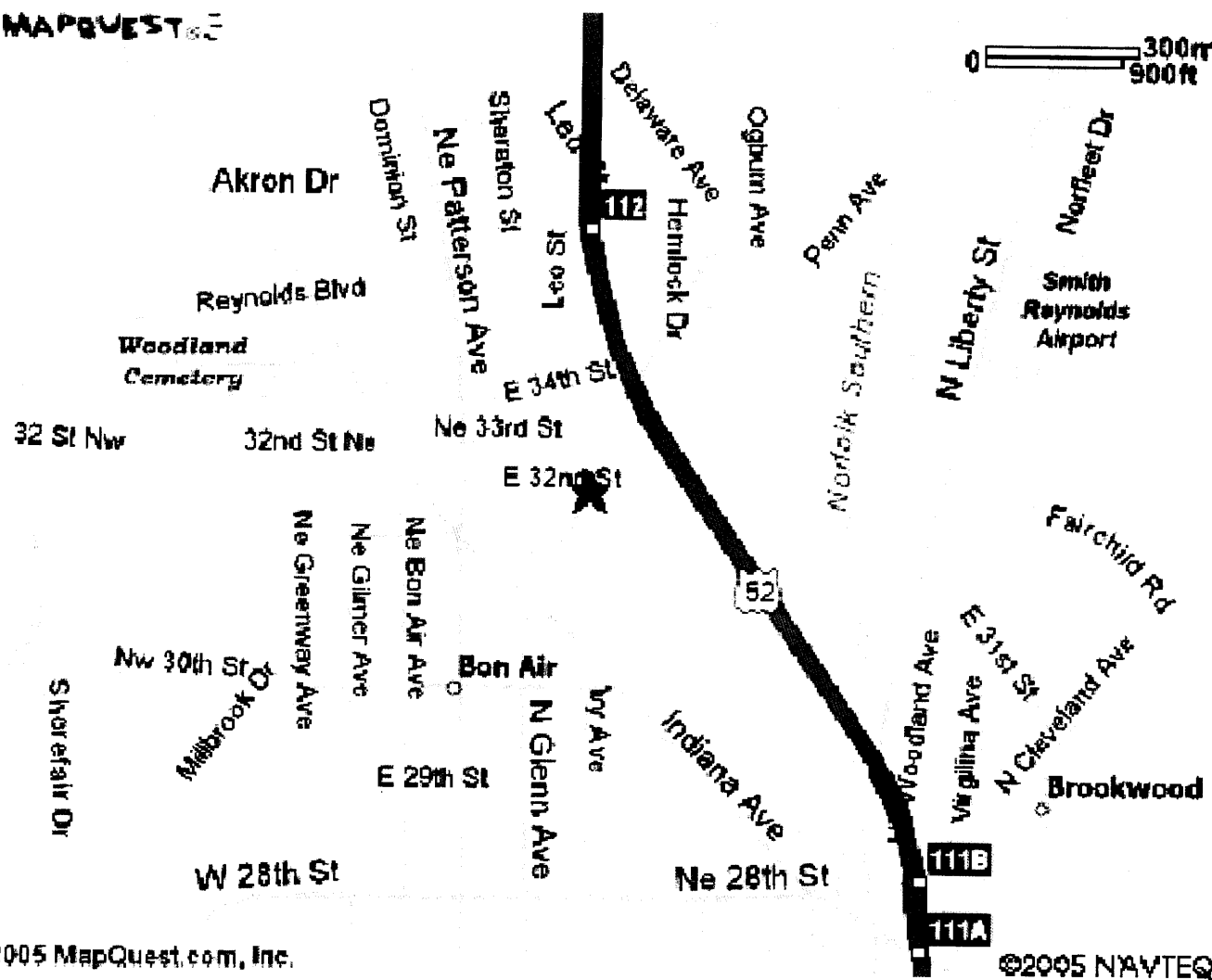
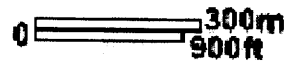
FIGURE NUMBER:	1
QUAD:	1980 Winston-Salem
PROJECT NUMBER:	ENMO050015.00
SCALE:	As Shown

SITE LOCATION MAP
Parcel # 008 & #11 – Waste
Management of Carolinas, Inc.
Property
3301 North Glenn Avenue
Winston-Salem, North Carolina



ENVIRONMENTAL INVESTIGATIONS INC

MAPQUEST



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FIGURE NUMBER:	1A
QUAD:	1980 Winston-Salem
PROJECT NUMBER:	ENMO050015.00
SCALE:	As Shown

SITE LOCATION MAP
 Parcel # 008 & #11 – Waste Management of Carolinas, Inc. Property
 3301 North Glenn Avenue
 Winston-Salem, North Carolina

ENVIRONMENTAL INVESTIGATIONS, INC



0 Feet 621
SCALE 1 : 7461



FIGURE NUMBER:	2
QUAD:	1991 Winston-Salem
PROJECT NUMBER:	ENMO050015.00
SCALE:	AS SHOWN

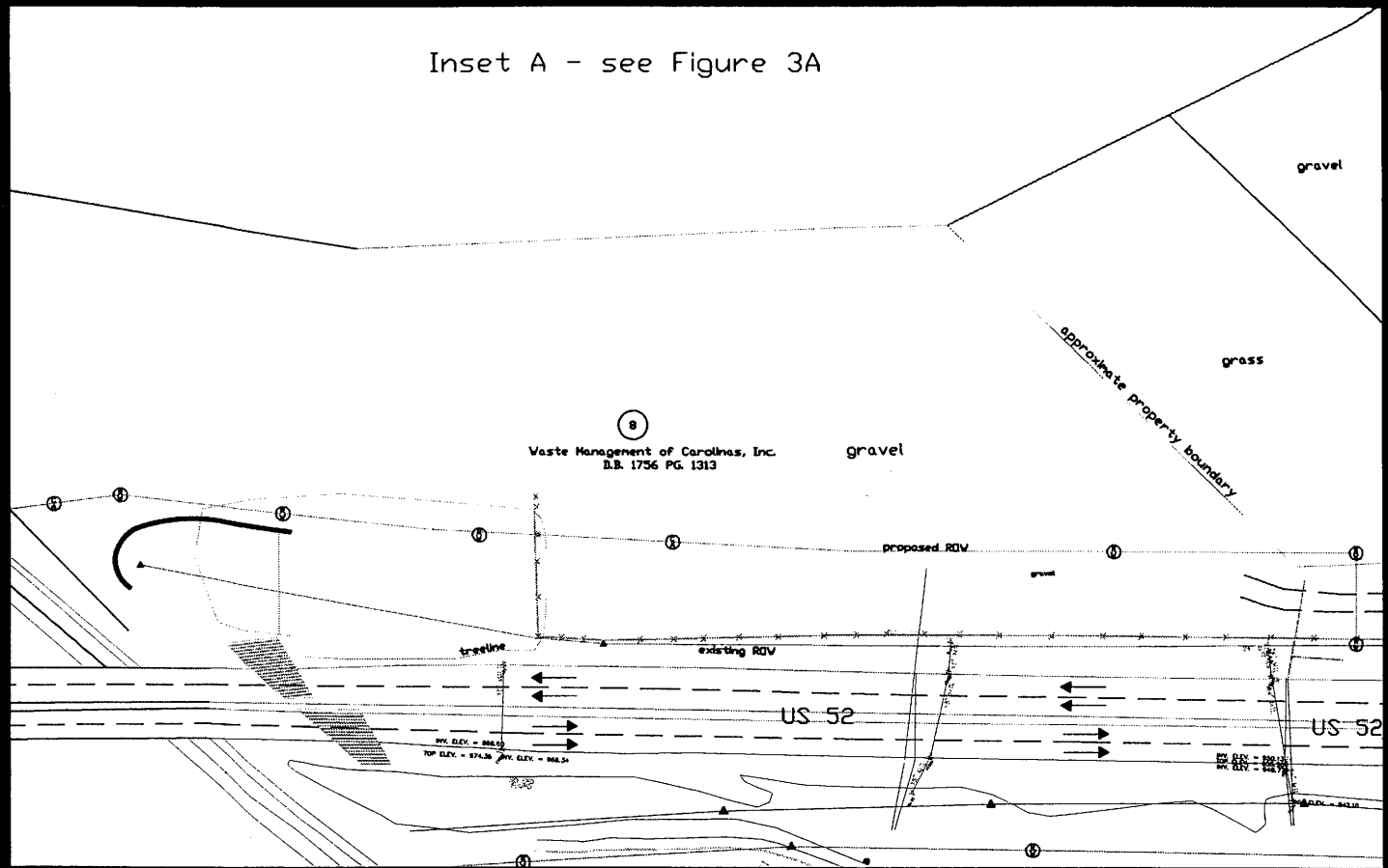
AERIAL PHOTOGRAPH
Parcel #008 & #11 – Waste
Management of Carolinas, Inc.
Property
3301 North Glenn Avenue
Winston-Salem, North Carolina



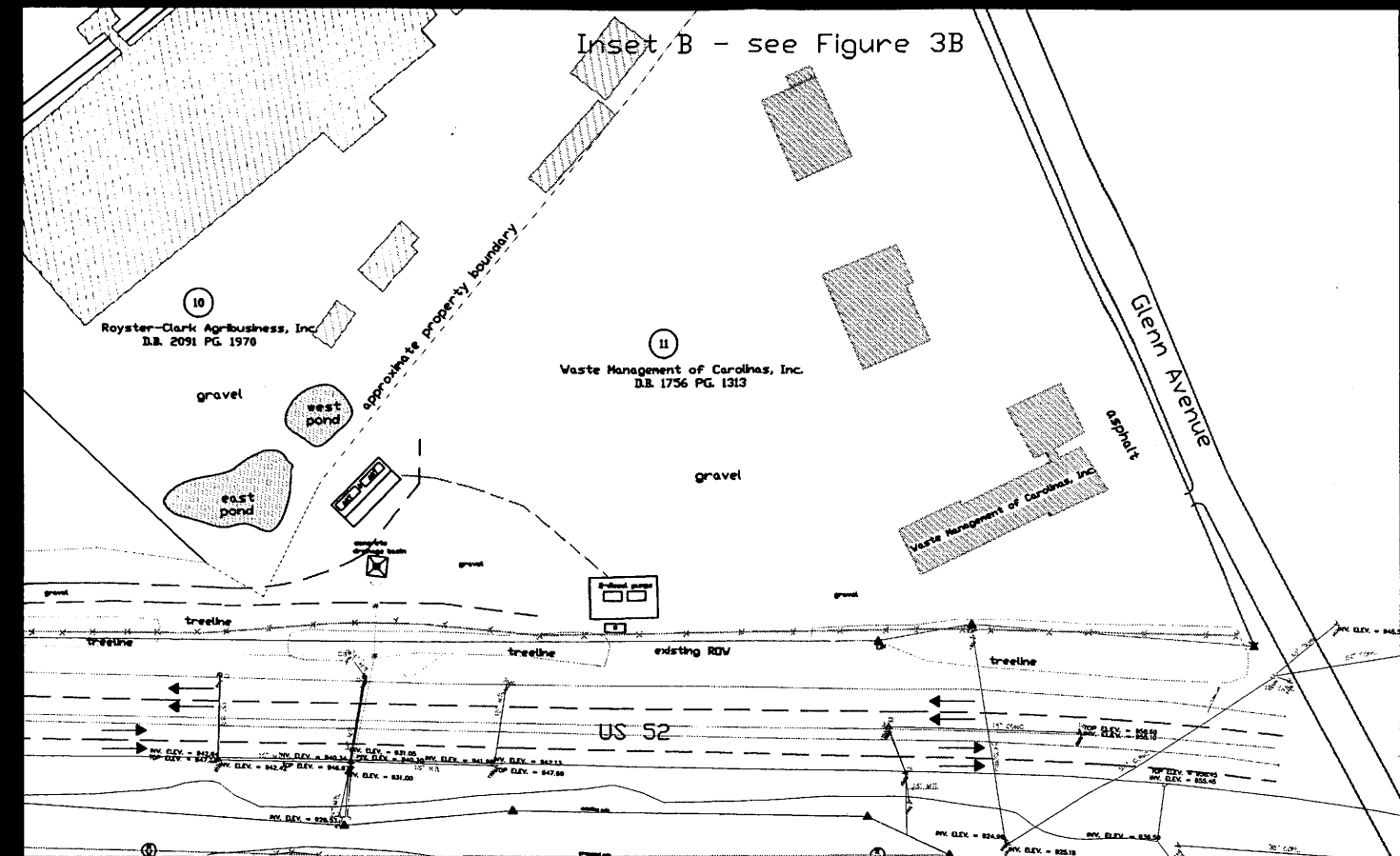
EI
ENVIRONMENTAL INVESTIGATIONS, INC

NAD 83

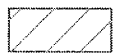
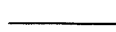
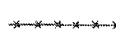
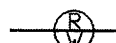




Inset A - see Figure 3A

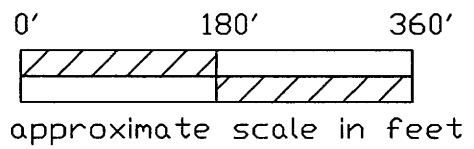


Inset B - see Figure 3B



LEGEND:

-  building
-  property boundary
-  chain-link fence
-  proposed right-of-way
-  existing right-of-way
-  proposed drainage
-  soil test boring
-  monitoring well



Parcel 9: Atlantic Scrap & Processing, LLC D.B. 2183 PG. 802
 From Recycling Industries of Winston-Salem D.B. 1976 PG. 1925

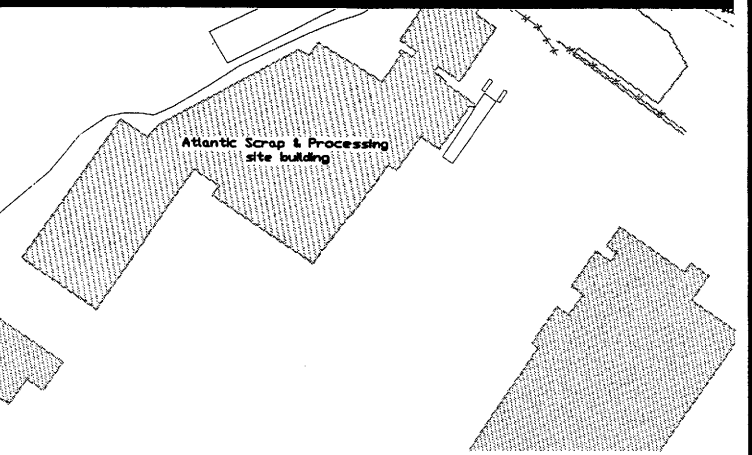
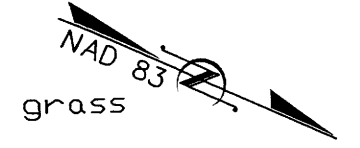


FIGURE NO.:	3
DRN BY:	DOT/DRL
CHK BY:	DCB
DATE:	8/2005
REVISED:	N/A
SCALE:	1" = 180'

SITE MAP

Parcel 8 & Parcel 11
 Waste Management of Carolinas, Inc.
 3301, 3303 North Glenn Avenue
 Winston-Salem, North Carolina



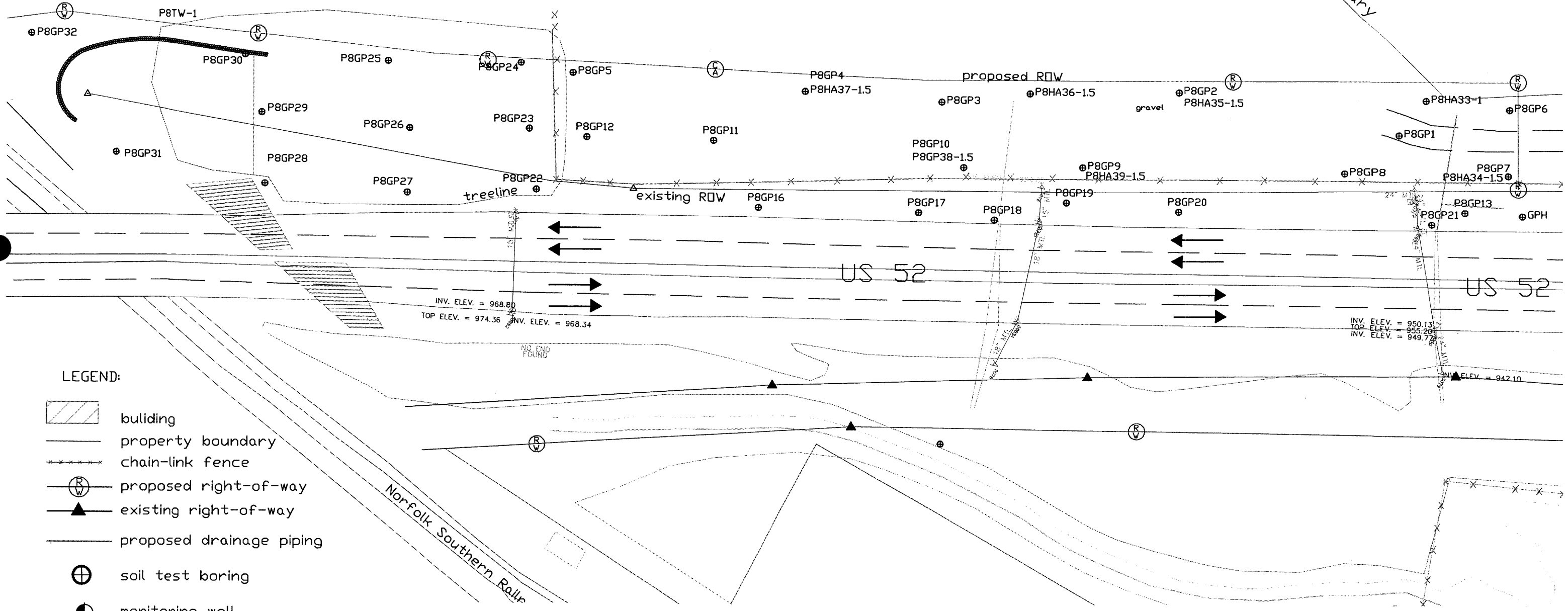


8

Waste Management of Carolinas, Inc.
D.B. 1756 PG. 1313

gravel

approximate property boundary



LEGEND:

- building
- property boundary
- chain-link fence
- proposed right-of-way
- existing right-of-way
- proposed drainage piping
- soil test boring
- monitoring well

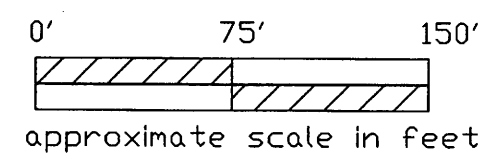
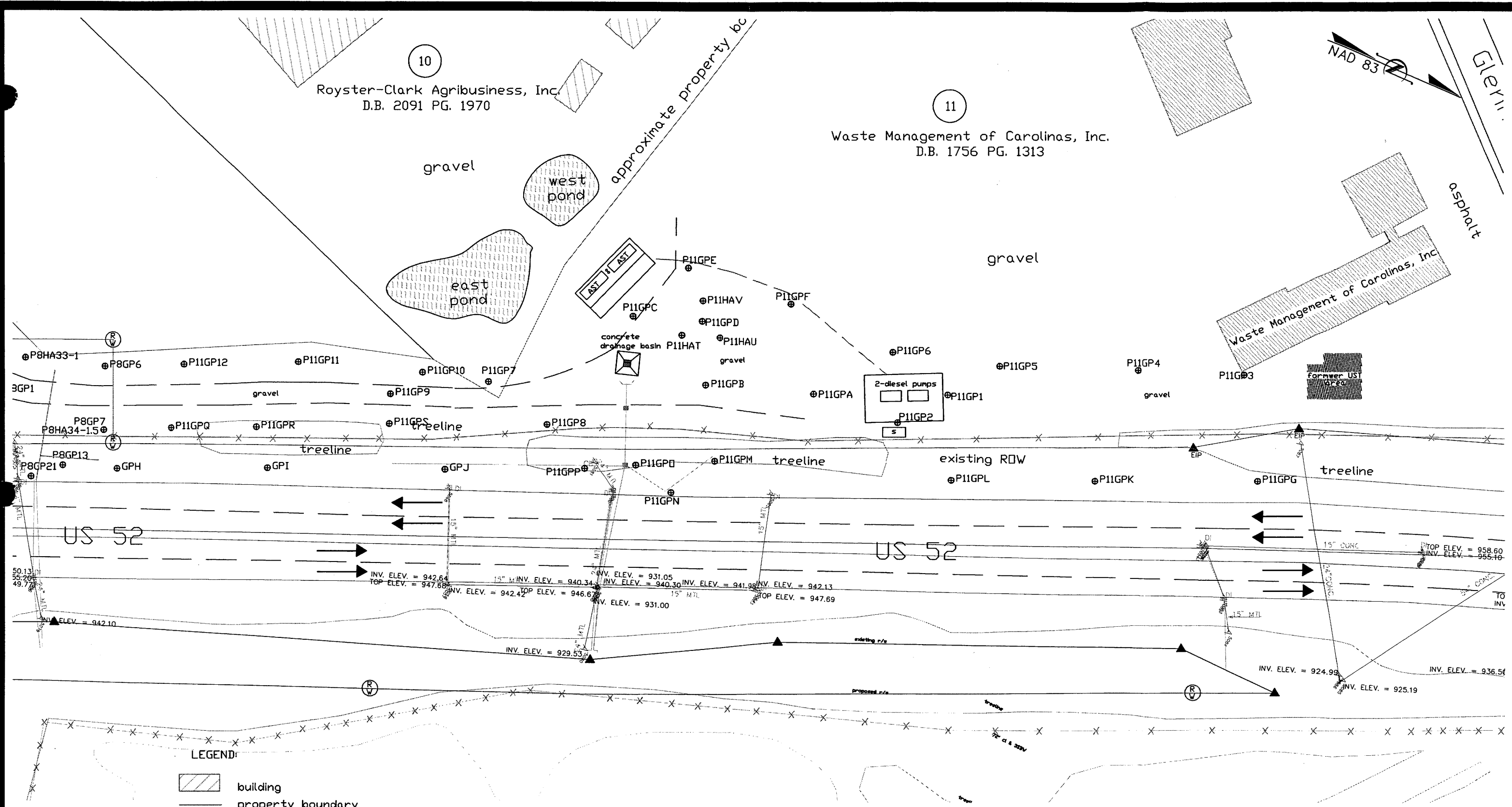


FIGURE NO.:	3A
DRN BY:	DOT/DRL
CHK BY:	DCB
DATE:	8/2005
REVISED:	N/A
SCALE:	1" = 75'

SITE MAP
(Inset A)
Parcel 8 & Parcel 11
Waste Management of Carolinas, Inc.
3301, 3303 North Glenn Avenue
Winston-Salem, North Carolina





- LEGEND:**
- building
 - property boundary
 - chain-link fence
 - proposed right-of-way
 - existing right-of-way
 - proposed drainage piping
 - soil test boring
 - monitoring well

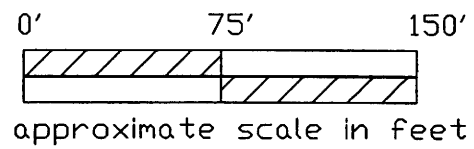
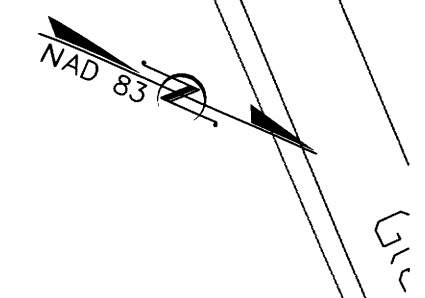


FIGURE NO.:	3B
DRN BY:	DOT/DRL
CHK BY:	DCB
DATE:	8/2005
REVISED:	N/A
SCALE:	1" = 75'

SITE MAP
 (Inset B)
 Parcel 8 & Parcel 11
 Waste Management of Carolinas, Inc.
 3301, 3303 North Glenn Avenue
 Winston-Salem, North Carolina



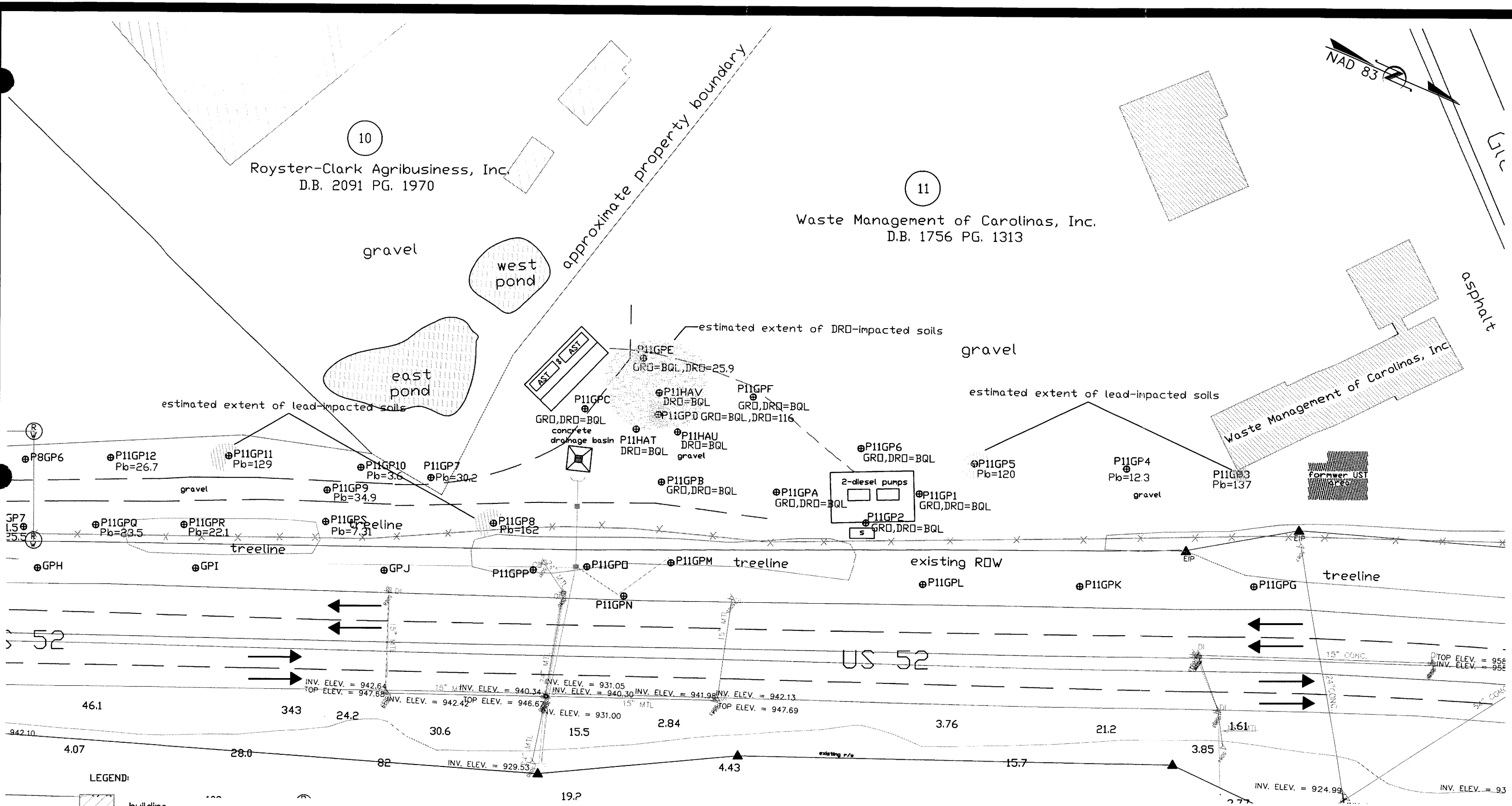


10

Royster-Clark Agribusiness, Inc.
D.B. 2091 PG. 1970

11

Waste Management of Carolinas, Inc.
D.B. 1756 PG. 1313



- LEGEND:
- building
 - property boundary
 - chain-link fence
 - proposed right-of-way
 - existing right-of-way
 - proposed drainage piping
 - soil test boring
 - monitoring well

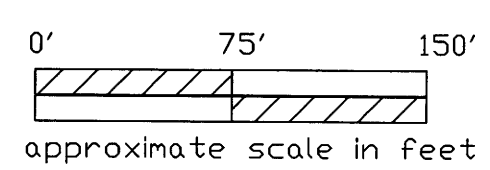


FIGURE NO.:	4B
DRN BY:	DOT/DRL
CHK BY:	DCB
DATE:	8/2005
REVISED:	N/A
SCALE:	1" = 75'

DISTRIBUTION OF
IMPACTED SOILS (PARCEL 011)

Waste Management of Carolinas, Inc.
3301, 3303 North Glenn Avenue
Winston-Salem, North Carolina



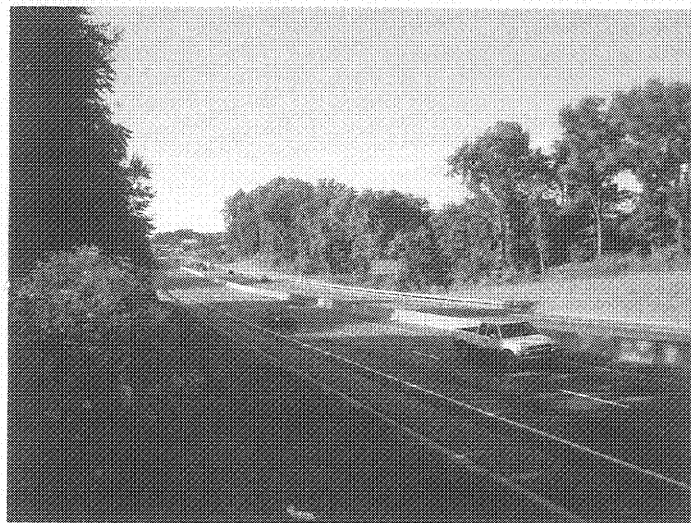
APPENDIX A
SITE PHOTOGRAPHS



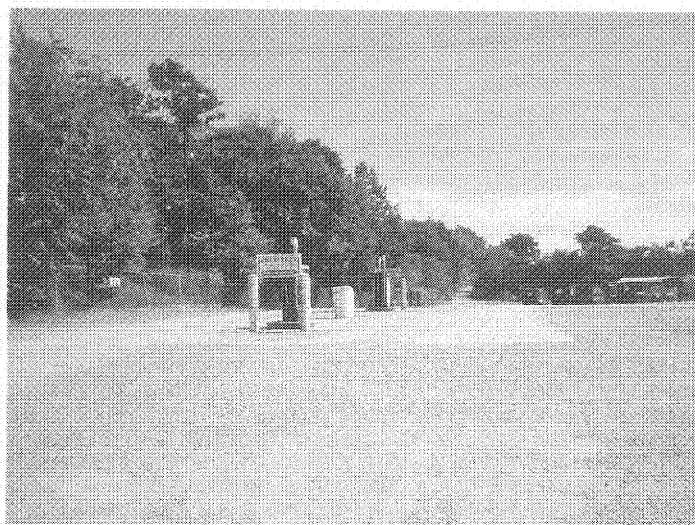
Photograph 1: View of subject property.



Photograph 2: View of additional structures on subject property.



Photograph 3: View of subject parcel & DOT ROW abutting US 52 (in foreground).



Photograph 4: View of diesel pump island.



Photograph 5: View of Parcel 008-storage area for dumpsters and roll-off boxes.



Photograph 6: View of access path cleared for assessment activities.

APPENDIX B
SOIL BORING LOGS

APPENDIX C

LABORATORY ANALYTICAL REPORT - SOIL

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-531

attached

Client Project: Parcel 11-DOT Forsyth Tip#U-2826A


Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.


Laboratory Director 8-30-05
Date

J. Patrick Weaver

CASE NARRATIVE

Date: August 30, 2005

Environmental Investigations Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Paradigm Analytical ID: G106-531

Nine soil samples were received at the laboratory August 10 for analysis as indicated on the chain of custody. The samples were received in good condition, within temperature and holding time limits.

All analyses were completed within holding time and without quality control exception. Data summary reports are enclosed.

One sample, P11GP8-9, has two results for acetone reported. One shows acetone in an undiluted analysis at 471 ug/kg. This concentration is approximately two times higher than the closest calibration standard. For this reason, the data is E flag qualified as an estimated concentration.

A dilution from the methanol preserved aliquot of the sample was analyzed to place acetone within linear calibration range. However, acetone was not detected in the 40:1 medium soil dilution.

Acetone was not detected in any batch blank and the P11GP8-9 result cannot be traced to possible laboratory contamination.

The non-detect in the methanol aliquot may be due to non-homogeneity of the soil sample.

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP3-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-3C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 12:45
Date Received: 8/10/2005
Matrix: Soil
%Solids: 86.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	52.2	1	8/15/2005
Benzene	BQL	5.22	1	8/15/2005
Bromobenzene	BQL	5.22	1	8/15/2005
Bromochloromethane	BQL	5.22	1	8/15/2005
Bromodichloromethane	BQL	5.22	1	8/15/2005
Bromoform	BQL	5.22	1	8/15/2005
Bromomethane	BQL	5.22	1	8/15/2005
2-Butanone	BQL	26.1	1	8/15/2005
n-Butylbenzene	BQL	5.22	1	8/15/2005
sec-Butylbenzene	BQL	5.22	1	8/15/2005
tert-Butylbenzene	BQL	5.22	1	8/15/2005
Carbon disulfide	BQL	5.22	1	8/15/2005
Carbon tetrachloride	BQL	5.22	1	8/15/2005
Chlorobenzene	BQL	5.22	1	8/15/2005
Chloroethane	BQL	5.22	1	8/15/2005
Chloroform	BQL	5.22	1	8/15/2005
Chloromethane	BQL	5.22	1	8/15/2005
2-Chlorotoluene	BQL	5.22	1	8/15/2005
4-Chlorotoluene	BQL	5.22	1	8/15/2005
Dibromochloromethane	BQL	5.22	1	8/15/2005
1,2-Dibromo-3-chloropropane	BQL	5.22	1	8/15/2005
Dibromomethane	BQL	5.22	1	8/15/2005
1,2-Dibromoethane (EDB)	BQL	5.22	1	8/15/2005
1,2-Dichlorobenzene	BQL	5.22	1	8/15/2005
1,3-Dichlorobenzene	BQL	5.22	1	8/15/2005
1,4-Dichlorobenzene	BQL	5.22	1	8/15/2005
trans-1,4-Dichloro-2-butene	BQL	5.22	1	8/15/2005
1,1-Dichloroethane	BQL	5.22	1	8/15/2005
1,1-Dichloroethene	BQL	5.22	1	8/15/2005
1,2-Dichloroethane	BQL	5.22	1	8/15/2005
cis-1,2-Dichloroethene	BQL	5.22	1	8/15/2005
trans-1,2-dichloroethene	BQL	5.22	1	8/15/2005
1,2-Dichloropropane	BQL	5.22	1	8/15/2005
1,3-Dichloropropane	BQL	5.22	1	8/15/2005
2,2-Dichloropropane	BQL	5.22	1	8/15/2005
1,1-Dichloropropene	BQL	5.22	1	8/15/2005
cis-1,3-Dichloropropene	BQL	5.22	1	8/15/2005
trans-1,3-Dichloropropene	BQL	5.22	1	8/15/2005
Dichlorodifluoromethane	BQL	5.22	1	8/15/2005
Diisopropyl ether (DIPE)	BQL	5.22	1	8/15/2005
Ethylbenzene	BQL	5.22	1	8/15/2005
Hexachlorobutadiene	BQL	5.22	1	8/15/2005
2-Hexanone	BQL	5.22	1	8/15/2005
Iodomethane	BQL	5.22	1	8/15/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP3-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-3C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 12:45
Date Received: 8/10/2005
Matrix: Soil
%Solids: 86.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.22	1	8/15/2005
4-Isopropyltoluene	BQL	5.22	1	8/15/2005
Methylene chloride	BQL	20.9	1	8/15/2005
4-Methyl-2-pentanone	BQL	5.22	1	8/15/2005
Methyl-tert-butyl ether (MTBE)	BQL	5.22	1	8/15/2005
Naphthalene	BQL	5.22	1	8/15/2005
n-Propyl benzene	BQL	5.22	1	8/15/2005
Styrene	BQL	5.22	1	8/15/2005
1,1,1,2-Tetrachloroethane	BQL	5.22	1	8/15/2005
1,1,2,2-Tetrachloroethane	BQL	5.22	1	8/15/2005
Tetrachloroethene	BQL	5.22	1	8/15/2005
Toluene	BQL	5.22	1	8/15/2005
1,2,3-Trichlorobenzene	BQL	5.22	1	8/15/2005
1,2,4-Trichlorobenzene	BQL	5.22	1	8/15/2005
Trichloroethene	BQL	5.22	1	8/15/2005
1,1,1-Trichloroethane	BQL	5.22	1	8/15/2005
1,1,2-Trichloroethane	BQL	5.22	1	8/15/2005
Trichlorofluoromethane	BQL	5.22	1	8/15/2005
1,2,3-Trichloropropane	BQL	5.22	1	8/15/2005
1,2,4-Trimethylbenzene	BQL	5.22	1	8/15/2005
1,3,5-Trimethylbenzene	BQL	5.22	1	8/15/2005
Vinyl chloride	BQL	5.22	1	8/15/2005
m-,p-Xylene	BQL	10.4	1	8/15/2005
o-Xylene	BQL	5.22	1	8/15/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	54.7	109
1,2-Dichloroethane-d4	50	67	134
Toluene-d8	50	51.7	103

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

**Results for Volatiles
by GCMS 8260-5035**

Client Sample ID: P11GP4-20
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID G106-531-4C
 Lab Project ID: G106-531
 Report Basis: Dry Weight

Analyzed By: JTF
 Date Collected: 08-09-2005 13:16
 Date Received: 8/10/2005
 Matrix: Soil
 %Solids: 74.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	57.3	1	8/15/2005
Benzene	BQL	5.73	1	8/15/2005
Bromobenzene	BQL	5.73	1	8/15/2005
Bromochloromethane	BQL	5.73	1	8/15/2005
Bromodichloromethane	BQL	5.73	1	8/15/2005
Bromoform	BQL	5.73	1	8/15/2005
Bromomethane	BQL	5.73	1	8/15/2005
2-Butanone	BQL	28.6	1	8/15/2005
n-Butylbenzene	BQL	5.73	1	8/15/2005
sec-Butylbenzene	BQL	5.73	1	8/15/2005
tert-Butylbenzene	BQL	5.73	1	8/15/2005
Carbon disulfide	BQL	5.73	1	8/15/2005
Carbon tetrachloride	BQL	5.73	1	8/15/2005
Chlorobenzene	BQL	5.73	1	8/15/2005
Chloroethane	BQL	5.73	1	8/15/2005
Chloroform	BQL	5.73	1	8/15/2005
Chloromethane	BQL	5.73	1	8/15/2005
2-Chlorotoluene	BQL	5.73	1	8/15/2005
4-Chlorotoluene	BQL	5.73	1	8/15/2005
Dibromochloromethane	BQL	5.73	1	8/15/2005
1,2-Dibromo-3-chloropropane	BQL	5.73	1	8/15/2005
Dibromomethane	BQL	5.73	1	8/15/2005
1,2-Dibromoethane (EDB)	BQL	5.73	1	8/15/2005
1,2-Dichlorobenzene	BQL	5.73	1	8/15/2005
1,3-Dichlorobenzene	BQL	5.73	1	8/15/2005
1,4-Dichlorobenzene	BQL	5.73	1	8/15/2005
trans-1,4-Dichloro-2-butene	BQL	5.73	1	8/15/2005
1,1-Dichloroethane	BQL	5.73	1	8/15/2005
1,1-Dichloroethene	BQL	5.73	1	8/15/2005
1,2-Dichloroethane	BQL	5.73	1	8/15/2005
cis-1,2-Dichloroethene	BQL	5.73	1	8/15/2005
trans-1,2-dichloroethene	BQL	5.73	1	8/15/2005
1,2-Dichloropropane	14.1	5.73	1	8/15/2005
1,3-Dichloropropane	BQL	5.73	1	8/15/2005
2,2-Dichloropropane	BQL	5.73	1	8/15/2005
1,1-Dichloropropene	BQL	5.73	1	8/15/2005
cis-1,3-Dichloropropene	BQL	5.73	1	8/15/2005
trans-1,3-Dichloropropene	BQL	5.73	1	8/15/2005
Dichlorodifluoromethane	BQL	5.73	1	8/15/2005
Diisopropyl ether (DIPE)	BQL	5.73	1	8/15/2005
Ethylbenzene	BQL	5.73	1	8/15/2005
Hexachlorobutadiene	BQL	5.73	1	8/15/2005
2-Hexanone	BQL	5.73	1	8/15/2005
Iodomethane	BQL	5.73	1	8/15/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP4-20
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-4C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 13:16
Date Received: 8/10/2005
Matrix: Soil
%Solids: 74.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.73	1	8/15/2005
4-Isopropyltoluene	BQL	5.73	1	8/15/2005
Methylene chloride	BQL	22.9	1	8/15/2005
4-Methyl-2-pentanone	BQL	5.73	1	8/15/2005
Methyl-tert-butyl ether (MTBE)	BQL	5.73	1	8/15/2005
Naphthalene	BQL	5.73	1	8/15/2005
n-Propyl benzene	BQL	5.73	1	8/15/2005
Styrene	BQL	5.73	1	8/15/2005
1,1,1,2-Tetrachloroethane	BQL	5.73	1	8/15/2005
1,1,2,2-Tetrachloroethane	BQL	5.73	1	8/15/2005
Tetrachloroethene	9.41	5.73	1	8/15/2005
Toluene	BQL	5.73	1	8/15/2005
1,2,3-Trichlorobenzene	BQL	5.73	1	8/15/2005
1,2,4-Trichlorobenzene	BQL	5.73	1	8/15/2005
Trichloroethene	BQL	5.73	1	8/15/2005
1,1,1-Trichloroethane	BQL	5.73	1	8/15/2005
1,1,2-Trichloroethane	BQL	5.73	1	8/15/2005
Trichlorofluoromethane	BQL	5.73	1	8/15/2005
1,2,3-Trichloropropane	BQL	5.73	1	8/15/2005
1,2,4-Trimethylbenzene	BQL	5.73	1	8/15/2005
1,3,5-Trimethylbenzene	BQL	5.73	1	8/15/2005
Vinyl chloride	BQL	5.73	1	8/15/2005
m-,p-Xylene	BQL	11.5	1	8/15/2005
o-Xylene	BQL	5.73	1	8/15/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	55.7	111
1,2-Dichloroethane-d4	50	64	128
Toluene-d8	50	52.4	105

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP5-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-5B
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 13:25
Date Received: 8/10/2005
Matrix: Soil
%Solids: 88.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	56.4	1	8/15/2005
Benzene	BQL	5.64	1	8/15/2005
Bromobenzene	BQL	5.64	1	8/15/2005
Bromochloromethane	BQL	5.64	1	8/15/2005
Bromodichloromethane	BQL	5.64	1	8/15/2005
Bromoform	BQL	5.64	1	8/15/2005
Bromomethane	BQL	5.64	1	8/15/2005
2-Butanone	BQL	28.2	1	8/15/2005
n-Butylbenzene	BQL	5.64	1	8/15/2005
sec-Butylbenzene	BQL	5.64	1	8/15/2005
tert-Butylbenzene	BQL	5.64	1	8/15/2005
Carbon disulfide	BQL	5.64	1	8/15/2005
Carbon tetrachloride	BQL	5.64	1	8/15/2005
Chlorobenzene	BQL	5.64	1	8/15/2005
Chloroethane	BQL	5.64	1	8/15/2005
Chloroform	BQL	5.64	1	8/15/2005
Chloromethane	BQL	5.64	1	8/15/2005
2-Chlorotoluene	BQL	5.64	1	8/15/2005
4-Chlorotoluene	BQL	5.64	1	8/15/2005
Dibromochloromethane	BQL	5.64	1	8/15/2005
1,2-Dibromo-3-chloropropane	BQL	5.64	1	8/15/2005
Dibromomethane	BQL	5.64	1	8/15/2005
1,2-Dibromoethane (EDB)	BQL	5.64	1	8/15/2005
1,2-Dichlorobenzene	BQL	5.64	1	8/15/2005
1,3-Dichlorobenzene	BQL	5.64	1	8/15/2005
1,4-Dichlorobenzene	BQL	5.64	1	8/15/2005
trans-1,4-Dichloro-2-butene	BQL	5.64	1	8/15/2005
1,1-Dichloroethane	BQL	5.64	1	8/15/2005
1,1-Dichloroethene	BQL	5.64	1	8/15/2005
1,2-Dichloroethane	BQL	5.64	1	8/15/2005
cis-1,2-Dichloroethene	BQL	5.64	1	8/15/2005
trans-1,2-dichloroethene	BQL	5.64	1	8/15/2005
1,2-Dichloropropane	BQL	5.64	1	8/15/2005
1,3-Dichloropropane	BQL	5.64	1	8/15/2005
2,2-Dichloropropane	BQL	5.64	1	8/15/2005
1,1-Dichloropropene	BQL	5.64	1	8/15/2005
cis-1,3-Dichloropropene	BQL	5.64	1	8/15/2005
trans-1,3-Dichloropropene	BQL	5.64	1	8/15/2005
Dichlorodifluoromethane	BQL	5.64	1	8/15/2005
Diisopropyl ether (DIPE)	BQL	5.64	1	8/15/2005
Ethylbenzene	BQL	5.64	1	8/15/2005
Hexachlorobutadiene	BQL	5.64	1	8/15/2005
2-Hexanone	BQL	5.64	1	8/15/2005
Iodomethane	BQL	5.64	1	8/15/2005

**Results for Volatiles
by GCMS 8260-5035**

Client Sample ID: P11GP5-15
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID G106-531-5B
 Lab Project ID: G106-531
 Report Basis: Dry Weight

Analyzed By: JTF
 Date Collected: 08-09-2005 13:25
 Date Received: 8/10/2005
 Matrix: Soil
 %Solids: 88.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.64	1	8/15/2005
4-Isopropyltoluene	BQL	5.64	1	8/15/2005
Methylene chloride	BQL	22.5	1	8/15/2005
4-Methyl-2-pentanone	BQL	5.64	1	8/15/2005
Methyl-tert-butyl ether (MTBE)	BQL	5.64	1	8/15/2005
Naphthalene	BQL	5.64	1	8/15/2005
n-Propyl benzene	BQL	5.64	1	8/15/2005
Styrene	BQL	5.64	1	8/15/2005
1,1,1,2-Tetrachloroethane	BQL	5.64	1	8/15/2005
1,1,2,2-Tetrachloroethane	BQL	5.64	1	8/15/2005
Tetrachloroethene	BQL	5.64	1	8/15/2005
Toluene	BQL	5.64	1	8/15/2005
1,2,3-Trichlorobenzene	BQL	5.64	1	8/15/2005
1,2,4-Trichlorobenzene	BQL	5.64	1	8/15/2005
Trichloroethene	BQL	5.64	1	8/15/2005
1,1,1-Trichloroethane	BQL	5.64	1	8/15/2005
1,1,2-Trichloroethane	BQL	5.64	1	8/15/2005
Trichlorofluoromethane	BQL	5.64	1	8/15/2005
1,2,3-Trichloropropane	BQL	5.64	1	8/15/2005
1,2,4-Trimethylbenzene	BQL	5.64	1	8/15/2005
1,3,5-Trimethylbenzene	BQL	5.64	1	8/15/2005
Vinyl chloride	BQL	5.64	1	8/15/2005
m-,p-Xylene	BQL	11.3	1	8/15/2005
o-Xylene	BQL	5.64	1	8/15/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	70.7	141
1,2-Dichloroethane-d4	50	36.8	74
Toluene-d8	50	52.5	105

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By: RW

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP7-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-7C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 14:25
Date Received: 8/10/2005
Matrix: Soil
%Solids: 75.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	60.0	1	8/15/2005
Benzene	BQL	6.00	1	8/15/2005
Bromobenzene	BQL	6.00	1	8/15/2005
Bromochloromethane	BQL	6.00	1	8/15/2005
Bromodichloromethane	BQL	6.00	1	8/15/2005
Bromoform	BQL	6.00	1	8/15/2005
Bromomethane	BQL	6.00	1	8/15/2005
2-Butanone	BQL	30.0	1	8/15/2005
n-Butylbenzene	BQL	6.00	1	8/15/2005
sec-Butylbenzene	BQL	6.00	1	8/15/2005
tert-Butylbenzene	BQL	6.00	1	8/15/2005
Carbon disulfide	BQL	6.00	1	8/15/2005
Carbon tetrachloride	BQL	6.00	1	8/15/2005
Chlorobenzene	BQL	6.00	1	8/15/2005
Chloroethane	BQL	6.00	1	8/15/2005
Chloroform	BQL	6.00	1	8/15/2005
Chloromethane	BQL	6.00	1	8/15/2005
2-Chlorotoluene	BQL	6.00	1	8/15/2005
4-Chlorotoluene	BQL	6.00	1	8/15/2005
Dibromochloromethane	BQL	6.00	1	8/15/2005
1,2-Dibromo-3-chloropropane	BQL	6.00	1	8/15/2005
Dibromomethane	BQL	6.00	1	8/15/2005
1,2-Dibromoethane (EDB)	BQL	6.00	1	8/15/2005
1,2-Dichlorobenzene	BQL	6.00	1	8/15/2005
1,3-Dichlorobenzene	BQL	6.00	1	8/15/2005
1,4-Dichlorobenzene	BQL	6.00	1	8/15/2005
trans-1,4-Dichloro-2-butene	BQL	6.00	1	8/15/2005
1,1-Dichloroethane	BQL	6.00	1	8/15/2005
1,1-Dichloroethene	BQL	6.00	1	8/15/2005
1,2-Dichloroethane	BQL	6.00	1	8/15/2005
cis-1,2-Dichloroethene	BQL	6.00	1	8/15/2005
trans-1,2-dichloroethene	BQL	6.00	1	8/15/2005
1,2-Dichloropropane	BQL	6.00	1	8/15/2005
1,3-Dichloropropane	BQL	6.00	1	8/15/2005
2,2-Dichloropropane	BQL	6.00	1	8/15/2005
1,1-Dichloropropene	BQL	6.00	1	8/15/2005
cis-1,3-Dichloropropene	BQL	6.00	1	8/15/2005
trans-1,3-Dichloropropene	BQL	6.00	1	8/15/2005
Dichlorodifluoromethane	BQL	6.00	1	8/15/2005
Diisopropyl ether (DIPE)	BQL	6.00	1	8/15/2005
Ethylbenzene	BQL	6.00	1	8/15/2005
Hexachlorobutadiene	BQL	6.00	1	8/15/2005
2-Hexanone	BQL	6.00	1	8/15/2005
Iodomethane	BQL	6.00	1	8/15/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP7-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-7C
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 14:25
Date Received: 8/10/2005
Matrix: Soil
%Solids: 75.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	6.00	1	8/15/2005
4-Isopropyltoluene	BQL	6.00	1	8/15/2005
Methylene chloride	BQL	24.0	1	8/15/2005
4-Methyl-2-pentanone	BQL	6.00	1	8/15/2005
Methyl-tert-butyl ether (MTBE)	BQL	6.00	1	8/15/2005
Naphthalene	BQL	6.00	1	8/15/2005
n-Propyl benzene	BQL	6.00	1	8/15/2005
Styrene	BQL	6.00	1	8/15/2005
1,1,1,2-Tetrachloroethane	BQL	6.00	1	8/15/2005
1,1,2,2-Tetrachloroethane	BQL	6.00	1	8/15/2005
Tetrachloroethene	BQL	6.00	1	8/15/2005
Toluene	BQL	6.00	1	8/15/2005
1,2,3-Trichlorobenzene	BQL	6.00	1	8/15/2005
1,2,4-Trichlorobenzene	BQL	6.00	1	8/15/2005
Trichloroethene	BQL	6.00	1	8/15/2005
1,1,1-Trichloroethane	BQL	6.00	1	8/15/2005
1,1,2-Trichloroethane	BQL	6.00	1	8/15/2005
Trichlorofluoromethane	BQL	6.00	1	8/15/2005
1,2,3-Trichloropropane	BQL	6.00	1	8/15/2005
1,2,4-Trimethylbenzene	BQL	6.00	1	8/15/2005
1,3,5-Trimethylbenzene	BQL	6.00	1	8/15/2005
Vinyl chloride	BQL	6.00	1	8/15/2005
m-,p-Xylene	BQL	12.0	1	8/15/2005
o-Xylene	BQL	6.00	1	8/15/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	53.9	108
1,2-Dichloroethane-d4	50	67.5	135
Toluene-d8	50	52.4	105

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP8-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-8B
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 15:40
Date Received: 8/10/2005
Matrix: Soil
%Solids: 82.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	471	68.4	1	8/15/2005	E
Benzene	BQL	6.84	1	8/15/2005	
Bromobenzene	BQL	6.84	1	8/15/2005	
Bromochloromethane	BQL	6.84	1	8/15/2005	
Bromodichloromethane	BQL	6.84	1	8/15/2005	
Bromoform	BQL	6.84	1	8/15/2005	
Bromomethane	BQL	6.84	1	8/15/2005	
2-Butanone	129	34.2	1	8/15/2005	
n-Butylbenzene	BQL	6.84	1	8/15/2005	
sec-Butylbenzene	BQL	6.84	1	8/15/2005	
tert-Butylbenzene	BQL	6.84	1	8/15/2005	
Carbon disulfide	8.37	6.84	1	8/15/2005	
Carbon tetrachloride	BQL	6.84	1	8/15/2005	
Chlorobenzene	BQL	6.84	1	8/15/2005	
Chloroethane	BQL	6.84	1	8/15/2005	
Chloroform	BQL	6.84	1	8/15/2005	
Chloromethane	BQL	6.84	1	8/15/2005	
2-Chlorotoluene	BQL	6.84	1	8/15/2005	
4-Chlorotoluene	BQL	6.84	1	8/15/2005	
Dibromochloromethane	BQL	6.84	1	8/15/2005	
1,2-Dibromo-3-chloropropane	BQL	6.84	1	8/15/2005	
Dibromomethane	BQL	6.84	1	8/15/2005	
1,2-Dibromoethane (EDB)	BQL	6.84	1	8/15/2005	
1,2-Dichlorobenzene	BQL	6.84	1	8/15/2005	
1,3-Dichlorobenzene	BQL	6.84	1	8/15/2005	
1,4-Dichlorobenzene	BQL	6.84	1	8/15/2005	
trans-1,4-Dichloro-2-butene	BQL	6.84	1	8/15/2005	
1,1-Dichloroethane	BQL	6.84	1	8/15/2005	
1,1-Dichloroethene	BQL	6.84	1	8/15/2005	
1,2-Dichloroethane	BQL	6.84	1	8/15/2005	
cis-1,2-Dichloroethene	BQL	6.84	1	8/15/2005	
trans-1,2-dichloroethene	BQL	6.84	1	8/15/2005	
1,2-Dichloropropane	BQL	6.84	1	8/15/2005	
1,3-Dichloropropane	BQL	6.84	1	8/15/2005	
2,2-Dichloropropane	BQL	6.84	1	8/15/2005	
1,1-Dichloropropene	BQL	6.84	1	8/15/2005	
cis-1,3-Dichloropropene	BQL	6.84	1	8/15/2005	
trans-1,3-Dichloropropene	BQL	6.84	1	8/15/2005	
Dichlorodifluoromethane	BQL	6.84	1	8/15/2005	
Diisopropyl ether (DIPE)	BQL	6.84	1	8/15/2005	
Ethylbenzene	BQL	6.84	1	8/15/2005	
Hexachlorobutadiene	BQL	6.84	1	8/15/2005	
2-Hexanone	13.6	6.84	1	8/15/2005	
Iodomethane	BQL	6.84	1	8/15/2005	

**Results for Volatiles
by GCMS 8260-5035**

Client Sample ID: P11GP8-9
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID G106-531-8B
 Lab Project ID: G106-531
 Report Basis: Dry Weight

Analyzed By: JTF
 Date Collected: 08-09-2005 15:40
 Date Received: 8/10/2005
 Matrix: Soil
 %Solids: 82.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	6.84	1	8/15/2005	
4-Isopropyltoluene	BQL	6.84	1	8/15/2005	
Methylene chloride	BQL	27.3	1	8/15/2005	
4-Methyl-2-pentanone	BQL	6.84	1	8/15/2005	
Methyl-tert-butyl ether (MTBE)	BQL	6.84	1	8/15/2005	
Naphthalene	BQL	6.84	1	8/15/2005	
n-Propyl benzene	BQL	6.84	1	8/15/2005	
Styrene	BQL	6.84	1	8/15/2005	
1,1,1,2-Tetrachloroethane	BQL	6.84	1	8/15/2005	
1,1,2,2-Tetrachloroethane	BQL	6.84	1	8/15/2005	
Tetrachloroethene	BQL	6.84	1	8/15/2005	
Toluene	BQL	6.84	1	8/15/2005	
1,2,3-Trichlorobenzene	BQL	6.84	1	8/15/2005	
1,2,4-Trichlorobenzene	BQL	6.84	1	8/15/2005	
Trichloroethene	BQL	6.84	1	8/15/2005	
1,1,1-Trichloroethane	BQL	6.84	1	8/15/2005	
1,1,2-Trichloroethane	BQL	6.84	1	8/15/2005	
Trichlorofluoromethane	BQL	6.84	1	8/15/2005	
1,2,3-Trichloropropane	BQL	6.84	1	8/15/2005	
1,2,4-Trimethylbenzene	BQL	6.84	1	8/15/2005	
1,3,5-Trimethylbenzene	BQL	6.84	1	8/15/2005	
Vinyl chloride	BQL	6.84	1	8/15/2005	
m-,p-Xylene	BQL	13.7	1	8/15/2005	
o-Xylene	BQL	6.84	1	8/15/2005	

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	38.9	78
1,2-Dichloroethane-d4	50	75.6	151
Toluene-d8	50	48.2	96

Comments:

Acetone concentration was confirmed by duplicate analysis.

Flags:

BQL = Below Quantitation Limits.
 E = Exceeds instrument calibration range.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

**Results for Volatiles
by GCMS 8260B/5035**

Client Sample ID: P11GP8-9
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-8D
 Lab Project ID: G106-531
 Report Basis: Dry Weight

Analyzed By: JTF
 Date Collected: 8/9/2005 15:40
 Date Received: 8/10/2005
 Matrix: Soil
 %Solids: 82.6

Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	1240	168	40	8/18/2005	
		Spike Added	Spike Result	Percent Recovered		
4-Bromofluorobenzene		10	9.56	96		
1,2-Dichloroethane-d4		10	9.67	97		
Toluene-d8		10	9.48	95		

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP9-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-9D
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:04
Date Received: 8/10/2005
Matrix: Soil
%Solids: 77.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	76.6	1	8/15/2005
Benzene	BQL	7.66	1	8/15/2005
Bromobenzene	BQL	7.66	1	8/15/2005
Bromochloromethane	BQL	7.66	1	8/15/2005
Bromodichloromethane	BQL	7.66	1	8/15/2005
Bromoform	BQL	7.66	1	8/15/2005
Bromomethane	BQL	7.66	1	8/15/2005
2-Butanone	BQL	38.3	1	8/15/2005
n-Butylbenzene	BQL	7.66	1	8/15/2005
sec-Butylbenzene	BQL	7.66	1	8/15/2005
tert-Butylbenzene	BQL	7.66	1	8/15/2005
Carbon disulfide	BQL	7.66	1	8/15/2005
Carbon tetrachloride	BQL	7.66	1	8/15/2005
Chlorobenzene	BQL	7.66	1	8/15/2005
Chloroethane	BQL	7.66	1	8/15/2005
Chloroform	BQL	7.66	1	8/15/2005
Chloromethane	BQL	7.66	1	8/15/2005
2-Chlorotoluene	BQL	7.66	1	8/15/2005
4-Chlorotoluene	BQL	7.66	1	8/15/2005
Dibromochloromethane	BQL	7.66	1	8/15/2005
1,2-Dibromo-3-chloropropane	BQL	7.66	1	8/15/2005
Dibromomethane	BQL	7.66	1	8/15/2005
1,2-Dibromoethane (EDB)	BQL	7.66	1	8/15/2005
1,2-Dichlorobenzene	BQL	7.66	1	8/15/2005
1,3-Dichlorobenzene	BQL	7.66	1	8/15/2005
1,4-Dichlorobenzene	BQL	7.66	1	8/15/2005
trans-1,4-Dichloro-2-butene	BQL	7.66	1	8/15/2005
1,1-Dichloroethane	BQL	7.66	1	8/15/2005
1,1-Dichloroethene	BQL	7.66	1	8/15/2005
1,2-Dichloroethane	BQL	7.66	1	8/15/2005
cis-1,2-Dichloroethene	BQL	7.66	1	8/15/2005
trans-1,2-dichloroethene	BQL	7.66	1	8/15/2005
1,2-Dichloropropane	BQL	7.66	1	8/15/2005
1,3-Dichloropropane	BQL	7.66	1	8/15/2005
2,2-Dichloropropane	BQL	7.66	1	8/15/2005
1,1-Dichloropropene	BQL	7.66	1	8/15/2005
cis-1,3-Dichloropropene	BQL	7.66	1	8/15/2005
trans-1,3-Dichloropropene	BQL	7.66	1	8/15/2005
Dichlorodifluoromethane	BQL	7.66	1	8/15/2005
Diisopropyl ether (DIPE)	BQL	7.66	1	8/15/2005
Ethylbenzene	BQL	7.66	1	8/15/2005
Hexachlorobutadiene	BQL	7.66	1	8/15/2005
2-Hexanone	BQL	7.66	1	8/15/2005
Iodomethane	BQL	7.66	1	8/15/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP9-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID G106-531-9D
Lab Project ID: G106-531
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:04
Date Received: 8/10/2005
Matrix: Soil
%Solids: 77.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	7.66	1	8/15/2005
4-Isopropyltoluene	BQL	7.66	1	8/15/2005
Methylene chloride	BQL	30.7	1	8/15/2005
4-Methyl-2-pentanone	BQL	7.66	1	8/15/2005
Methyl-tert-butyl ether (MTBE)	BQL	7.66	1	8/15/2005
Naphthalene	BQL	7.66	1	8/15/2005
n-Propyl benzene	BQL	7.66	1	8/15/2005
Styrene	BQL	7.66	1	8/15/2005
1,1,1,2-Tetrachloroethane	BQL	7.66	1	8/15/2005
1,1,2,2-Tetrachloroethane	BQL	7.66	1	8/15/2005
Tetrachloroethene	BQL	7.66	1	8/15/2005
Toluene	BQL	7.66	1	8/15/2005
1,2,3-Trichlorobenzene	BQL	7.66	1	8/15/2005
1,2,4-Trichlorobenzene	BQL	7.66	1	8/15/2005
Trichloroethene	BQL	7.66	1	8/15/2005
1,1,1-Trichloroethane	BQL	7.66	1	8/15/2005
1,1,2-Trichloroethane	BQL	7.66	1	8/15/2005
Trichlorofluoromethane	BQL	7.66	1	8/15/2005
1,2,3-Trichloropropane	BQL	7.66	1	8/15/2005
1,2,4-Trimethylbenzene	BQL	7.66	1	8/15/2005
1,3,5-Trimethylbenzene	BQL	7.66	1	8/15/2005
Vinyl chloride	BQL	7.66	1	8/15/2005
m-,p-Xylene	BQL	15.3	1	8/15/2005
o-Xylene	BQL	7.66	1	8/15/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	60.7	121
1,2-Dichloroethane-d4	50	44.6	89
Toluene-d8	50	49.9	100

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP3-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-3I
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 12:45
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 86.37

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	362	1	8/17/2005
Acenaphthylene	BQL	362	1	8/17/2005
Anthracene	BQL	362	1	8/17/2005
Benzo[a]anthracene	BQL	362	1	8/17/2005
Benzo[a]pyrene	BQL	362	1	8/17/2005
Benzo[b]fluoranthene	BQL	362	1	8/17/2005
Benzo[g,h,i]perylene	BQL	362	1	8/17/2005
Benzo[k]fluoranthene	BQL	362	1	8/17/2005
Benzoic Acid	BQL	723	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	362	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	362	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	362	1	8/17/2005
Bis(2-ethylhexyl)phthalate	1040	362	1	8/17/2005
4-bromophenyl phenyl ether	BQL	362	1	8/17/2005
Butylbenzylphthalate	BQL	362	1	8/17/2005
2-Chloronaphthalene	BQL	362	1	8/17/2005
2-Chlorophenol	BQL	362	1	8/17/2005
4-Chloro-3-methylphenol	BQL	362	1	8/17/2005
4-Chloroaniline	BQL	1810	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	362	1	8/17/2005
Chrysene	BQL	362	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	362	1	8/17/2005
Dibenzofuran	BQL	362	1	8/17/2005
Di-n-Butylphthalate	BQL	362	1	8/17/2005
1,2-Dichlorobenzene	BQL	362	1	8/17/2005
1,3-Dichlorobenzene	BQL	362	1	8/17/2005
1,4-Dichlorobenzene	BQL	362	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	723	1	8/17/2005
2,4-Dichlorophenol	BQL	362	1	8/17/2005
Diethylphthalate	BQL	362	1	8/17/2005
Dimethylphthalate	BQL	362	1	8/17/2005
2,4-Dimethylphenol	BQL	362	1	8/17/2005
Di-n-octylphthalate	BQL	362	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	1810	1	8/17/2005
2,4-Dinitrophenol	BQL	1810	1	8/17/2005
2,4-Dinitrotoluene	BQL	362	1	8/17/2005
2,6-Dinitrotoluene	BQL	362	1	8/17/2005
Diphenylamine *	BQL	362	1	8/17/2005
Fluoranthene	BQL	362	1	8/17/2005
Fluorene	BQL	362	1	8/17/2005
Hexachlorobenzene	BQL	362	1	8/17/2005
Hexachlorobutadiene	BQL	362	1	8/17/2005

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: P11GP3-15
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-3I
 Lab Project ID: G106-531
 Report Basis: Dry weight

Analyzed By: MRC
 Date Collected: 8/9/2005 12:45
 Date Received: 8/10/2005
 Date Extracted: 8/12/2005
 Matrix: Soil
 % Solids: 86.37

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	723	1	8/17/2005
Hexachloroethane	BQL	362	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	362	1	8/17/2005
Isophorone	BQL	362	1	8/17/2005
2-Methylnaphthalene	BQL	362	1	8/17/2005
2-Methylphenol	BQL	362	1	8/17/2005
3- & 4-Methylphenol	BQL	362	1	8/17/2005
Naphthalene	BQL	362	1	8/17/2005
2-Nitroaniline	BQL	362	1	8/17/2005
3-Nitroaniline	BQL	1810	1	8/17/2005
4-Nitroaniline	BQL	1810	1	8/17/2005
Nitrobenzene	BQL	362	1	8/17/2005
2-Nitrophenol	BQL	362	1	8/17/2005
4-Nitrophenol	BQL	1810	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	362	1	8/17/2005
Pentachlorophenol	BQL	1810	1	8/17/2005
Phenanthrene	BQL	362	1	8/17/2005
Phenol	BQL	362	1	8/17/2005
Pyrene	BQL	362	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	362	1	8/17/2005
2,4,5-Trichlorophenol	BQL	362	1	8/17/2005
2,4,6-Trichlorophenol	BQL	362	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.5	105
2-Fluorophenol	10	10.5	105
Nitrobenzene-d5	10	10.5	105
Phenol-d6	10	10.5	105
2,4,6-Tribromophenol	10	9.8	98
4-Terphenyl-d14	10	10.7	106

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP4-20
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-4J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 13:16
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 74.76

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	402	1	8/17/2005
Acenaphthylene	BQL	402	1	8/17/2005
Anthracene	BQL	402	1	8/17/2005
Benzo[a]anthracene	BQL	402	1	8/17/2005
Benzo[a]pyrene	BQL	402	1	8/17/2005
Benzo[b]fluoranthene	BQL	402	1	8/17/2005
Benzo[g,h,i]perylene	BQL	402	1	8/17/2005
Benzo[k]fluoranthene	BQL	402	1	8/17/2005
Benzoic Acid	BQL	804	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	402	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	402	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	402	1	8/17/2005
Bis(2-ethylhexyl)phthalate	BQL	402	1	8/17/2005
4-bromophenyl phenyl ether	BQL	402	1	8/17/2005
Butylbenzylphthalate	BQL	402	1	8/17/2005
2-Chloronaphthalene	BQL	402	1	8/17/2005
2-Chlorophenol	BQL	402	1	8/17/2005
4-Chloro-3-methylphenol	BQL	402	1	8/17/2005
4-Chloroaniline	BQL	2010	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	402	1	8/17/2005
Chrysene	BQL	402	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	402	1	8/17/2005
Dibenzofuran	BQL	402	1	8/17/2005
Di-n-Butylphthalate	BQL	402	1	8/17/2005
1,2-Dichlorobenzene	BQL	402	1	8/17/2005
1,3-Dichlorobenzene	BQL	402	1	8/17/2005
1,4-Dichlorobenzene	BQL	402	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	804	1	8/17/2005
2,4-Dichlorophenol	BQL	402	1	8/17/2005
Diethylphthalate	BQL	402	1	8/17/2005
Dimethylphthalate	BQL	402	1	8/17/2005
2,4-Dimethylphenol	BQL	402	1	8/17/2005
Di-n-octylphthalate	BQL	402	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	2010	1	8/17/2005
2,4-Dinitrophenol	BQL	2010	1	8/17/2005
2,4-Dinitrotoluene	BQL	402	1	8/17/2005
2,6-Dinitrotoluene	BQL	402	1	8/17/2005
Diphenylamine *	BQL	402	1	8/17/2005
Fluoranthene	BQL	402	1	8/17/2005
Fluorene	BQL	402	1	8/17/2005
Hexachlorobenzene	BQL	402	1	8/17/2005
Hexachlorobutadiene	BQL	402	1	8/17/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP4-20
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-4J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 13:16
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 74.76

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	804	1	8/17/2005
Hexachloroethane	BQL	402	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	402	1	8/17/2005
Isophorone	BQL	402	1	8/17/2005
2-Methylnaphthalene	BQL	402	1	8/17/2005
2-Methylphenol	BQL	402	1	8/17/2005
3- & 4-Methylphenol	BQL	402	1	8/17/2005
Naphthalene	BQL	402	1	8/17/2005
2-Nitroaniline	BQL	402	1	8/17/2005
3-Nitroaniline	BQL	2010	1	8/17/2005
4-Nitroaniline	BQL	2010	1	8/17/2005
Nitrobenzene	BQL	402	1	8/17/2005
2-Nitrophenol	BQL	402	1	8/17/2005
4-Nitrophenol	BQL	2010	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	402	1	8/17/2005
Pentachlorophenol	BQL	2010	1	8/17/2005
Phenanthrene	BQL	402	1	8/17/2005
Phenol	BQL	402	1	8/17/2005
Pyrene	BQL	402	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	402	1	8/17/2005
2,4,5-Trichlorophenol	BQL	402	1	8/17/2005
2,4,6-Trichlorophenol	BQL	402	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.5	85
2-Fluorophenol	10	10.6	106
Nitrobenzene-d5	10	10.1	101
Phenol-d6	10	11	110
2,4,6-Tribromophenol	10	8.7	87
4-Terphenyl-d14	10	9.9	99

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP5-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-5J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 13:25
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 88.01

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	340	1	8/17/2005
Acenaphthylene	BQL	340	1	8/17/2005
Anthracene	BQL	340	1	8/17/2005
Benzo[a]anthracene	BQL	340	1	8/17/2005
Benzo[a]pyrene	BQL	340	1	8/17/2005
Benzo[b]fluoranthene	BQL	340	1	8/17/2005
Benzo[g,h,i]perylene	BQL	340	1	8/17/2005
Benzo[k]fluoranthene	BQL	340	1	8/17/2005
Benzoic Acid	BQL	680	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	340	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	340	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	340	1	8/17/2005
Bis(2-ethylhexyl)phthalate	BQL	340	1	8/17/2005
4-bromophenyl phenyl ether	BQL	340	1	8/17/2005
Butylbenzylphthalate	BQL	340	1	8/17/2005
2-Chloronaphthalene	BQL	340	1	8/17/2005
2-Chlorophenol	BQL	340	1	8/17/2005
4-Chloro-3-methylphenol	BQL	340	1	8/17/2005
4-Chloroaniline	BQL	1700	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	340	1	8/17/2005
Chrysene	BQL	340	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	340	1	8/17/2005
Dibenzofuran	BQL	340	1	8/17/2005
Di-n-Butylphthalate	BQL	340	1	8/17/2005
1,2-Dichlorobenzene	BQL	340	1	8/17/2005
1,3-Dichlorobenzene	BQL	340	1	8/17/2005
1,4-Dichlorobenzene	BQL	340	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	680	1	8/17/2005
2,4-Dichlorophenol	BQL	340	1	8/17/2005
Diethylphthalate	BQL	340	1	8/17/2005
Dimethylphthalate	BQL	340	1	8/17/2005
2,4-Dimethylphenol	BQL	340	1	8/17/2005
Di-n-octylphthalate	BQL	340	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	1700	1	8/17/2005
2,4-Dinitrophenol	BQL	1700	1	8/17/2005
2,4-Dinitrotoluene	BQL	340	1	8/17/2005
2,6-Dinitrotoluene	BQL	340	1	8/17/2005
Diphenylamine *	BQL	340	1	8/17/2005
Fluoranthene	BQL	340	1	8/17/2005
Fluorene	BQL	340	1	8/17/2005
Hexachlorobenzene	BQL	340	1	8/17/2005
Hexachlorobutadiene	BQL	340	1	8/17/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP5-15
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-5J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 13:25
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 88.01

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	680	1	8/17/2005
Hexachloroethane	BQL	340	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	340	1	8/17/2005
Isophorone	BQL	340	1	8/17/2005
2-Methylnaphthalene	BQL	340	1	8/17/2005
2-Methylphenol	BQL	340	1	8/17/2005
3- & 4-Methylphenol	BQL	340	1	8/17/2005
Naphthalene	BQL	340	1	8/17/2005
2-Nitroaniline	BQL	340	1	8/17/2005
3-Nitroaniline	BQL	1700	1	8/17/2005
4-Nitroaniline	BQL	1700	1	8/17/2005
Nitrobenzene	BQL	340	1	8/17/2005
2-Nitrophenol	BQL	340	1	8/17/2005
4-Nitrophenol	BQL	1700	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	340	1	8/17/2005
Pentachlorophenol	BQL	1700	1	8/17/2005
Phenanthrene	BQL	340	1	8/17/2005
Phenol	BQL	340	1	8/17/2005
Pyrene	BQL	340	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	340	1	8/17/2005
2,4,5-Trichlorophenol	BQL	340	1	8/17/2005
2,4,6-Trichlorophenol	BQL	340	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11	110
2-Fluorophenol	10	10.6	106
Nitrobenzene-d5	10	10.6	106
Phenol-d6	10	10.8	108
2,4,6-Tribromophenol	10	10.1	101
4-Terphenyl-d14	10	12.4	124

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP7-9
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-7J
 Lab Project ID: G106-531
 Report Basis: Dry weight

Analyzed By: MRC
 Date Collected: 8/9/2005 14:25
 Date Received: 8/10/2005
 Date Extracted: 8/12/2005
 Matrix: Soil
 % Solids: 75.71

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	398	1	8/17/2005
Acenaphthylene	BQL	398	1	8/17/2005
Anthracene	BQL	398	1	8/17/2005
Benzo[a]anthracene	BQL	398	1	8/17/2005
Benzo[a]pyrene	BQL	398	1	8/17/2005
Benzo[b]fluoranthene	BQL	398	1	8/17/2005
Benzo[g,h,i]perylene	BQL	398	1	8/17/2005
Benzo[k]fluoranthene	BQL	398	1	8/17/2005
Benzoic Acid	BQL	796	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	398	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	398	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	398	1	8/17/2005
Bis(2-ethylhexyl)phthalate	BQL	398	1	8/17/2005
4-bromophenyl phenyl ether	BQL	398	1	8/17/2005
Butylbenzylphthalate	BQL	398	1	8/17/2005
2-Chloronaphthalene	BQL	398	1	8/17/2005
2-Chlorophenol	BQL	398	1	8/17/2005
4-Chloro-3-methylphenol	BQL	398	1	8/17/2005
4-Chloroaniline	BQL	1990	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	398	1	8/17/2005
Chrysene	BQL	398	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	398	1	8/17/2005
Dibenzofuran	BQL	398	1	8/17/2005
Di-n-Butylphthalate	BQL	398	1	8/17/2005
1,2-Dichlorobenzene	BQL	398	1	8/17/2005
1,3-Dichlorobenzene	BQL	398	1	8/17/2005
1,4-Dichlorobenzene	BQL	398	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	796	1	8/17/2005
2,4-Dichlorophenol	BQL	398	1	8/17/2005
Diethylphthalate	BQL	398	1	8/17/2005
Dimethylphthalate	BQL	398	1	8/17/2005
2,4-Dimethylphenol	BQL	398	1	8/17/2005
Di-n-octylphthalate	BQL	398	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	1990	1	8/17/2005
2,4-Dinitrophenol	BQL	1990	1	8/17/2005
2,4-Dinitrotoluene	BQL	398	1	8/17/2005
2,6-Dinitrotoluene	BQL	398	1	8/17/2005
Diphenylamine *	BQL	398	1	8/17/2005
Fluoranthene	BQL	398	1	8/17/2005
Fluorene	BQL	398	1	8/17/2005
Hexachlorobenzene	BQL	398	1	8/17/2005
Hexachlorobutadiene	BQL	398	1	8/17/2005

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: P11GP7-9
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-7J
 Lab Project ID: G106-531
 Report Basis: Dry weight

Analyzed By: MRC
 Date Collected: 8/9/2005 14:25
 Date Received: 8/10/2005
 Date Extracted: 8/12/2005
 Matrix: Soil
 % Solids: 75.71

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	796	1	8/17/2005
Hexachloroethane	BQL	398	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	398	1	8/17/2005
Isophorone	BQL	398	1	8/17/2005
2-Methylnaphthalene	BQL	398	1	8/17/2005
2-Methylphenol	BQL	398	1	8/17/2005
3- & 4-Methylphenol	BQL	398	1	8/17/2005
Naphthalene	BQL	398	1	8/17/2005
2-Nitroaniline	BQL	398	1	8/17/2005
3-Nitroaniline	BQL	1990	1	8/17/2005
4-Nitroaniline	BQL	1990	1	8/17/2005
Nitrobenzene	BQL	398	1	8/17/2005
2-Nitrophenol	BQL	398	1	8/17/2005
4-Nitrophenol	BQL	1990	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	398	1	8/17/2005
Pentachlorophenol	BQL	1990	1	8/17/2005
Phenanthrene	BQL	398	1	8/17/2005
Phenol	BQL	398	1	8/17/2005
Pyrene	BQL	398	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	398	1	8/17/2005
2,4,5-Trichlorophenol	BQL	398	1	8/17/2005
2,4,6-Trichlorophenol	BQL	398	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.2	92
2-Fluorophenol	10	11	110
Nitrobenzene-d5	10	9.9	99
Phenol-d6	10	11.2	112
2,4,6-Tribromophenol	10	9.1	91
4-Terphenyl-d14	10	10.7	107

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP8-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-8J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 15:40
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 82.56

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	365	1	8/17/2005
Acenaphthylene	BQL	365	1	8/17/2005
Anthracene	BQL	365	1	8/17/2005
Benzo[a]anthracene	BQL	365	1	8/17/2005
Benzo[a]pyrene	BQL	365	1	8/17/2005
Benzo[b]fluoranthene	BQL	365	1	8/17/2005
Benzo[g,h,i]perylene	BQL	365	1	8/17/2005
Benzo[k]fluoranthene	BQL	365	1	8/17/2005
Benzoic Acid	BQL	731	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	365	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	365	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	365	1	8/17/2005
Bis(2-ethylhexyl)phthalate	BQL	365	1	8/17/2005
4-bromophenyl phenyl ether	BQL	365	1	8/17/2005
Butylbenzylphthalate	BQL	365	1	8/17/2005
2-Chloronaphthalene	BQL	365	1	8/17/2005
2-Chlorophenol	BQL	365	1	8/17/2005
4-Chloro-3-methylphenol	BQL	365	1	8/17/2005
4-Chloroaniline	BQL	1830	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	365	1	8/17/2005
Chrysene	BQL	365	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	365	1	8/17/2005
Dibenzofuran	BQL	365	1	8/17/2005
Di-n-Butylphthalate	BQL	365	1	8/17/2005
1,2-Dichlorobenzene	BQL	365	1	8/17/2005
1,3-Dichlorobenzene	BQL	365	1	8/17/2005
1,4-Dichlorobenzene	BQL	365	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	731	1	8/17/2005
2,4-Dichlorophenol	BQL	365	1	8/17/2005
Diethylphthalate	BQL	365	1	8/17/2005
Dimethylphthalate	BQL	365	1	8/17/2005
2,4-Dimethylphenol	BQL	365	1	8/17/2005
Di-n-octylphthalate	BQL	365	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	1830	1	8/17/2005
2,4-Dinitrophenol	BQL	1830	1	8/17/2005
2,4-Dinitrotoluene	BQL	365	1	8/17/2005
2,6-Dinitrotoluene	BQL	365	1	8/17/2005
Diphenylamine *	BQL	365	1	8/17/2005
Fluoranthene	BQL	365	1	8/17/2005
Fluorene	BQL	365	1	8/17/2005
Hexachlorobenzene	BQL	365	1	8/17/2005
Hexachlorobutadiene	BQL	365	1	8/17/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP8-9
Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
Lab Sample ID: G106-531-8J
Lab Project ID: G106-531
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 15:40
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 82.56

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	731	1	8/17/2005
Hexachloroethane	BQL	365	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	365	1	8/17/2005
Isophorone	BQL	365	1	8/17/2005
2-Methylnaphthalene	BQL	365	1	8/17/2005
2-Methylphenol	BQL	365	1	8/17/2005
3- & 4-Methylphenol	BQL	365	1	8/17/2005
Naphthalene	BQL	365	1	8/17/2005
2-Nitroaniline	BQL	365	1	8/17/2005
3-Nitroaniline	BQL	1830	1	8/17/2005
4-Nitroaniline	BQL	1830	1	8/17/2005
Nitrobenzene	BQL	365	1	8/17/2005
2-Nitrophenol	BQL	365	1	8/17/2005
4-Nitrophenol	BQL	1830	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	365	1	8/17/2005
Pentachlorophenol	BQL	1830	1	8/17/2005
Phenanthrene	BQL	365	1	8/17/2005
Phenol	BQL	365	1	8/17/2005
Pyrene	BQL	365	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	365	1	8/17/2005
2,4,5-Trichlorophenol	BQL	365	1	8/17/2005
2,4,6-Trichlorophenol	BQL	365	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.3	103
2-Fluorophenol	10	11	110
Nitrobenzene-d5	10	10.8	108
Phenol-d6	10	11.2	112
2,4,6-Tribromophenol	10	10.3	103
4-Terphenyl-d14	10	11.6	116

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP9-15
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-9J
 Lab Project ID: G106-531
 Report Basis: Dry weight

Analyzed By: MRC
 Date Collected: 8/9/2005 16:04
 Date Received: 8/10/2005
 Date Extracted: 8/12/2005
 Matrix: Soil
 % Solids: 77.48

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	401	1	8/17/2005
Acenaphthylene	BQL	401	1	8/17/2005
Anthracene	BQL	401	1	8/17/2005
Benzo[a]anthracene	BQL	401	1	8/17/2005
Benzo[a]pyrene	BQL	401	1	8/17/2005
Benzo[b]fluoranthene	BQL	401	1	8/17/2005
Benzo[g,h,i]perylene	BQL	401	1	8/17/2005
Benzo[k]fluoranthene	BQL	401	1	8/17/2005
Benzoic Acid	BQL	803	1	8/17/2005
Bis(2-chloroethoxy)methane	BQL	401	1	8/17/2005
Bis(2-chloroethyl)ether	BQL	401	1	8/17/2005
Bis(2-chloroisopropyl)ether	BQL	401	1	8/17/2005
Bis(2-ethylhexyl)phthalate	BQL	401	1	8/17/2005
4-bromophenyl phenyl ether	BQL	401	1	8/17/2005
Butylbenzylphthalate	BQL	401	1	8/17/2005
2-Chloronaphthalene	BQL	401	1	8/17/2005
2-Chlorophenol	BQL	401	1	8/17/2005
4-Chloro-3-methylphenol	BQL	401	1	8/17/2005
4-Chloroaniline	BQL	2010	1	8/17/2005
4-Chlorophenyl phenyl ether	BQL	401	1	8/17/2005
Chrysene	BQL	401	1	8/17/2005
Dibenzo[a,h]anthracene	BQL	401	1	8/17/2005
Dibenzofuran	BQL	401	1	8/17/2005
Di-n-Butylphthalate	BQL	401	1	8/17/2005
1,2-Dichlorobenzene	BQL	401	1	8/17/2005
1,3-Dichlorobenzene	BQL	401	1	8/17/2005
1,4-Dichlorobenzene	BQL	401	1	8/17/2005
3,3'-Dichlorobenzidine	BQL	803	1	8/17/2005
2,4-Dichlorophenol	BQL	401	1	8/17/2005
Diethylphthalate	BQL	401	1	8/17/2005
Dimethylphthalate	BQL	401	1	8/17/2005
2,4-Dimethylphenol	BQL	401	1	8/17/2005
Di-n-octylphthalate	BQL	401	1	8/17/2005
4,6-Dinitro-2-methylphenol	BQL	2010	1	8/17/2005
2,4-Dinitrophenol	BQL	2010	1	8/17/2005
2,4-Dinitrotoluene	BQL	401	1	8/17/2005
2,6-Dinitrotoluene	BQL	401	1	8/17/2005
Diphenylamine *	BQL	401	1	8/17/2005
Fluoranthene	BQL	401	1	8/17/2005
Fluorene	BQL	401	1	8/17/2005
Hexachlorobenzene	BQL	401	1	8/17/2005
Hexachlorobutadiene	BQL	401	1	8/17/2005

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: P11GP9-15
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-9J
 Lab Project ID: G106-531
 Report Basis: Dry weight

Analyzed By: MRC
 Date Collected: 8/9/2005 16:04
 Date Received: 8/10/2005
 Date Extracted: 8/12/2005
 Matrix: Soil
 % Solids: 77.48

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	803	1	8/17/2005
Hexachloroethane	BQL	401	1	8/17/2005
Indeno(1,2,3-c,d)pyrene	BQL	401	1	8/17/2005
Isophorone	BQL	401	1	8/17/2005
2-Methylnaphthalene	BQL	401	1	8/17/2005
2-Methylphenol	BQL	401	1	8/17/2005
3- & 4-Methylphenol	BQL	401	1	8/17/2005
Naphthalene	BQL	401	1	8/17/2005
2-Nitroaniline	BQL	401	1	8/17/2005
3-Nitroaniline	BQL	2010	1	8/17/2005
4-Nitroaniline	BQL	2010	1	8/17/2005
Nitrobenzene	BQL	401	1	8/17/2005
2-Nitrophenol	BQL	401	1	8/17/2005
4-Nitrophenol	BQL	2010	1	8/17/2005
N-Nitrosodi-n-propylamine	BQL	401	1	8/17/2005
Pentachlorophenol	BQL	2010	1	8/17/2005
Phenanthrene	BQL	401	1	8/17/2005
Phenol	BQL	401	1	8/17/2005
Pyrene	BQL	401	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	401	1	8/17/2005
2,4,5-Trichlorophenol	BQL	401	1	8/17/2005
2,4,6-Trichlorophenol	BQL	401	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.1	111
2-Fluorophenol	10	10.8	108
Nitrobenzene-d5	10	10.9	109
Phenol-d6	10	11.1	111
2,4,6-Tribromophenol	10	10.6	106
4-Terphenyl-d14	10	11.2	112

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GP2-16

Analyzed By: DCS

Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A

Date Collected: 8/9/05 10:17

Lab Sample ID: G106-531-2

Date Received: 8/10/05

Lab Project ID: G106-531

Matrix: Soil

Report Basis: Dry Weight

Solids 81.02

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.55	5035	1	08/19/05
Diesel Range Organics	BQL	7.69	3545	1	08/16/05

Comments:

Reviewed By:

TPH_LIMS_v1.02.XLS

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P11GP3-15
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-3
 Lab Project ID: G106-531
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/9/2005 12:45
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 86.37

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	5.62	1.16	1	MG/KG	6010B	8/25/2005
Barium	45.4	11.6	1	MG/KG	6010B	8/25/2005
Cadmium	1.76	1.16	1	MG/KG	6010B	8/25/2005
Chromium	13.3	1.16	1	MG/KG	6010B	8/25/2005
Lead	137	1.16	1	MG/KG	6010B	8/25/2005
Mercury	0.123	0.0227	1	MG/KG	7471	8/29/2005
Selenium	3.51	2.32	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.16	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P11GP4-20
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-4
 Lab Project ID: G106-531
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/9/2005 13:16
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 74.76

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	12.7	1.29	1	MG/KG	6010B	8/25/2005
Barium	87.9	12.9	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.29	1	MG/KG	6010B	8/25/2005
Chromium	BQL	1.29	1	MG/KG	6010B	8/25/2005
Lead	12.3	1.29	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0268	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.57	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.29	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P11GP5-15
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-5
 Lab Project ID: G106-531
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/9/2005 13:25
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 88.01

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	3.25	0.963	1	MG/KG	6010B	8/25/2005
Barium	24.2	9.63	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	0.963	1	MG/KG	6010B	8/25/2005
Chromium	BQL	0.963	1	MG/KG	6010B	8/25/2005
Lead	120	0.963	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0207	1	MG/KG	7471	8/29/2005
Selenium	2.08	1.93	1	MG/KG	6010B	8/25/2005
Silver	BQL	0.963	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By:
 MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P11GP7-9
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-7
 Lab Project ID: G106-531
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/9/2005 14:25
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 75.71

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	4.55	1.27	1	MG/KG	6010B	8/25/2005
Barium	16.3	12.7	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.27	1	MG/KG	6010B	8/25/2005
Chromium	12.2	1.27	1	MG/KG	6010B	8/25/2005
Lead	30.2	1.27	1	MG/KG	6010B	8/25/2005
Mercury	0.0888	0.0262	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.54	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.27	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

Results for Metals

Client Sample ID: P11GP8-9
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-8
 Lab Project ID: G106-531
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/9/2005 15:40
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 82.56

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	14.6	1.10	1	MG/KG	6010B	8/25/2005
Barium	144	11.0	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.10	1	MG/KG	6010B	8/25/2005
Chromium	12.4	1.10	1	MG/KG	6010B	8/25/2005
Lead	162	1.10	1	MG/KG	6010B	8/25/2005
Mercury	0.120	0.0220	1	MG/KG	7471	8/29/2005
Selenium	3.37	2.20	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.10	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P11GP9-15
 Client Project ID: Parcel 11-DOT Forsyth Tip#U-2826A
 Lab Sample ID: G106-531-9
 Lab Project ID: G106-531
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/9/2005 16:04
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 77.48

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	2.00	1.11	1	MG/KG	6010B	8/25/2005
Barium	BQL	11.1	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.11	1	MG/KG	6010B	8/25/2005
Chromium	2.29	1.11	1	MG/KG	6010B	8/25/2005
Lead	34.9	1.11	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0244	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.23	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.11	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: 
 MET_LIMS_3.3

List of Reporting Abbreviations
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive, Wilmington, NC 28405

Chain-of Custody Record & Analytical Request

COC# 48832

Phone: (910)-350-1903 FAX: (910)-350-1557 TPA 0-2826A IJBS: 34871.11

Page _____ of _____

Client: ELI, INC. Project ID: PARCEL 11-05 F03SYTH Date: 8-10-05

Report To: DHARSH LOYKINOT

Address: 2616 ATLANTEAN DRIVE BLD Contact: _____ Turnaround: STRADDLE

Address: SUITE 205, NEWCASTLE, NC 27860 Phone: 919-624-5569 Job Number: _____

Quote #: _____ Fax: 919-544-2199 P.O. Number: _____

Invoice To: NC DOT (TPH 0-2826A)

Comments: Please specify any special reporting requirements.

G106-531

Sample ID	Date	Time	Matrix	Preservatives		Analyses			Temperature	State Certification Requested
				TPH 500	TPH 350	8260	8270	BPCA MEALS		
P116P1-10	8-9-05	0948	SIL	X	X					NC <input checked="" type="checkbox"/> SC <input type="checkbox"/> Other <input type="checkbox"/>
P116P2-16	10-7			X	X					
P116P3-15	131245			X	X					
P116P4-20	1316			X	X					
P116P5-15	1325			X	X					
P116P6-15	1400			X	X					
P116P7-9	1425			X	X					
P116P8-9	1540			X	X					
P116P9-15	1604			X	X					
Received By: <u>[Signature]</u>	Date: <u>8-10-05</u>	Time: <u>1:50</u>	Received By: <u>[Signature]</u>	Date: <u>8/10/05</u>	Time: <u>10:48</u>	Temperature: <u>on ice</u>	SEE REVERSE FOR TERMS AND CONDITIONS			

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-532
Client Project: Parcel ~~10~~ Tip#U-2826A

encl

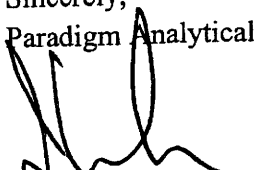
Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.


Laboratory Director
J. Patrick Weaver

8/30/05
Date

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP10-9
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-1B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:40
Date Received: 8/10/05
Matrix: Soil
%Solids: 91.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	55.1	1	8/16/05
Benzene	BQL	5.51	1	8/16/05
Bromobenzene	BQL	5.51	1	8/16/05
Bromochloromethane	BQL	5.51	1	8/16/05
Bromodichloromethane	BQL	5.51	1	8/16/05
Bromoform	BQL	5.51	1	8/16/05
Bromomethane	BQL	5.51	1	8/16/05
2-Butanone	BQL	27.6	1	8/16/05
n-Butylbenzene	BQL	5.51	1	8/16/05
sec-Butylbenzene	BQL	5.51	1	8/16/05
tert-Butylbenzene	BQL	5.51	1	8/16/05
Carbon disulfide	BQL	5.51	1	8/16/05
Carbon tetrachloride	BQL	5.51	1	8/16/05
Chlorobenzene	BQL	5.51	1	8/16/05
Chloroethane	BQL	5.51	1	8/16/05
Chloroform	BQL	5.51	1	8/16/05
Chloromethane	BQL	5.51	1	8/16/05
2-Chlorotoluene	BQL	5.51	1	8/16/05
4-Chlorotoluene	BQL	5.51	1	8/16/05
Dibromochloromethane	BQL	5.51	1	8/16/05
1,2-Dibromo-3-chloropropane	BQL	5.51	1	8/16/05
Dibromomethane	BQL	5.51	1	8/16/05
1,2-Dibromoethane (EDB)	BQL	5.51	1	8/16/05
1,2-Dichlorobenzene	BQL	5.51	1	8/16/05
1,3-Dichlorobenzene	BQL	5.51	1	8/16/05
1,4-Dichlorobenzene	BQL	5.51	1	8/16/05
trans-1,4-Dichloro-2-butene	BQL	5.51	1	8/16/05
1,1-Dichloroethane	BQL	5.51	1	8/16/05
1,1-Dichloroethene	BQL	5.51	1	8/16/05
1,2-Dichloroethane	BQL	5.51	1	8/16/05
cis-1,2-Dichloroethene	BQL	5.51	1	8/16/05
trans-1,2-dichloroethene	BQL	5.51	1	8/16/05
1,2-Dichloropropane	BQL	5.51	1	8/16/05
1,3-Dichloropropane	BQL	5.51	1	8/16/05
2,2-Dichloropropane	BQL	5.51	1	8/16/05
1,1-Dichloropropene	BQL	5.51	1	8/16/05
cis-1,3-Dichloropropene	BQL	5.51	1	8/16/05
trans-1,3-Dichloropropene	BQL	5.51	1	8/16/05
Dichlorodifluoromethane	BQL	5.51	1	8/16/05
Diisopropyl ether (DIPE)	BQL	5.51	1	8/16/05
Ethylbenzene	BQL	5.51	1	8/16/05
Hexachlorobutadiene	BQL	5.51	1	8/16/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP10-9
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-1B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:40
Date Received: 8/10/05
Matrix: Soil
%Solids: 91.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.51	1	8/16/05
Iodomethane	BQL	5.51	1	8/16/05
Isopropylbenzene	BQL	5.51	1	8/16/05
4-Isopropyltoluene	BQL	5.51	1	8/16/05
Methylene chloride	BQL	22.1	1	8/16/05
4-Methyl-2-pentanone	BQL	5.51	1	8/16/05
Methyl-tert-butyl ether (MTBE)	BQL	5.51	1	8/16/05
Naphthalene	BQL	5.51	1	8/16/05
n-Propyl benzene	BQL	5.51	1	8/16/05
Styrene	BQL	5.51	1	8/16/05
1,1,1,2-Tetrachloroethane	BQL	5.51	1	8/16/05
1,1,2,2-Tetrachloroethane	BQL	5.51	1	8/16/05
Tetrachloroethene	BQL	5.51	1	8/16/05
Toluene	BQL	5.51	1	8/16/05
1,2,3-Trichlorobenzene	BQL	5.51	1	8/16/05
1,2,4-Trichlorobenzene	BQL	5.51	1	8/16/05
Trichloroethene	BQL	5.51	1	8/16/05
1,1,1-Trichloroethane	BQL	5.51	1	8/16/05
1,1,2-Trichloroethane	BQL	5.51	1	8/16/05
Trichlorofluoromethane	BQL	5.51	1	8/16/05
1,2,3-Trichloropropane	BQL	5.51	1	8/16/05
1,2,4-Trimethylbenzene	BQL	5.51	1	8/16/05
1,3,5-Trimethylbenzene	BQL	5.51	1	8/16/05
Vinyl chloride	BQL	5.51	1	8/16/05
m-,p-Xylene	BQL	11.0	1	8/16/05
o-Xylene	BQL	5.51	1	8/16/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	54.9	110
1,2-Dichloroethane-d4	50	57.3	115
Toluene-d8	50	51.8	104

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP11-18
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-2B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:50
Date Received: 8/10/05
Matrix: Soil
%Solids: 81.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	67.1	1	8/16/05
Benzene	BQL	6.71	1	8/16/05
Bromobenzene	BQL	6.71	1	8/16/05
Bromochloromethane	BQL	6.71	1	8/16/05
Bromodichloromethane	BQL	6.71	1	8/16/05
Bromoform	BQL	6.71	1	8/16/05
Bromomethane	BQL	6.71	1	8/16/05
2-Butanone	BQL	33.6	1	8/16/05
n-Butylbenzene	BQL	6.71	1	8/16/05
sec-Butylbenzene	BQL	6.71	1	8/16/05
tert-Butylbenzene	BQL	6.71	1	8/16/05
Carbon disulfide	BQL	6.71	1	8/16/05
Carbon tetrachloride	BQL	6.71	1	8/16/05
Chlorobenzene	BQL	6.71	1	8/16/05
Chloroethane	BQL	6.71	1	8/16/05
Chloroform	BQL	6.71	1	8/16/05
Chloromethane	BQL	6.71	1	8/16/05
2-Chlorotoluene	BQL	6.71	1	8/16/05
4-Chlorotoluene	BQL	6.71	1	8/16/05
Dibromochloromethane	BQL	6.71	1	8/16/05
1,2-Dibromo-3-chloropropane	BQL	6.71	1	8/16/05
Dibromomethane	BQL	6.71	1	8/16/05
1,2-Dibromoethane (EDB)	BQL	6.71	1	8/16/05
1,2-Dichlorobenzene	BQL	6.71	1	8/16/05
1,3-Dichlorobenzene	BQL	6.71	1	8/16/05
1,4-Dichlorobenzene	BQL	6.71	1	8/16/05
trans-1,4-Dichloro-2-butene	BQL	6.71	1	8/16/05
1,1-Dichloroethane	BQL	6.71	1	8/16/05
1,1-Dichloroethene	BQL	6.71	1	8/16/05
1,2-Dichloroethane	BQL	6.71	1	8/16/05
cis-1,2-Dichloroethene	BQL	6.71	1	8/16/05
trans-1,2-dichloroethene	BQL	6.71	1	8/16/05
1,2-Dichloropropane	BQL	6.71	1	8/16/05
1,3-Dichloropropane	BQL	6.71	1	8/16/05
2,2-Dichloropropane	BQL	6.71	1	8/16/05
1,1-Dichloropropene	BQL	6.71	1	8/16/05
cis-1,3-Dichloropropene	BQL	6.71	1	8/16/05
trans-1,3-Dichloropropene	BQL	6.71	1	8/16/05
Dichlorodifluoromethane	BQL	6.71	1	8/16/05
Diisopropyl ether (DIPE)	BQL	6.71	1	8/16/05
Ethylbenzene	BQL	6.71	1	8/16/05
Hexachlorobutadiene	BQL	6.71	1	8/16/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP11-18
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-2B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 16:50
Date Received: 8/10/05
Matrix: Soil
%Solids: 81.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	6.71	1	8/16/05
Iodomethane	BQL	6.71	1	8/16/05
Isopropylbenzene	BQL	6.71	1	8/16/05
4-Isopropyltoluene	BQL	6.71	1	8/16/05
Methylene chloride	BQL	26.9	1	8/16/05
4-Methyl-2-pentanone	BQL	6.71	1	8/16/05
Methyl-tert-butyl ether (MTBE)	BQL	6.71	1	8/16/05
Naphthalene	BQL	6.71	1	8/16/05
n-Propyl benzene	BQL	6.71	1	8/16/05
Styrene	BQL	6.71	1	8/16/05
1,1,1,2-Tetrachloroethane	BQL	6.71	1	8/16/05
1,1,2,2-Tetrachloroethane	BQL	6.71	1	8/16/05
Tetrachloroethene	BQL	6.71	1	8/16/05
Toluene	BQL	6.71	1	8/16/05
1,2,3-Trichlorobenzene	BQL	6.71	1	8/16/05
1,2,4-Trichlorobenzene	BQL	6.71	1	8/16/05
Trichloroethene	BQL	6.71	1	8/16/05
1,1,1-Trichloroethane	BQL	6.71	1	8/16/05
1,1,2-Trichloroethane	BQL	6.71	1	8/16/05
Trichlorofluoromethane	BQL	6.71	1	8/16/05
1,2,3-Trichloropropane	BQL	6.71	1	8/16/05
1,2,4-Trimethylbenzene	BQL	6.71	1	8/16/05
1,3,5-Trimethylbenzene	BQL	6.71	1	8/16/05
Vinyl chloride	BQL	6.71	1	8/16/05
m-,p-Xylene	BQL	13.4	1	8/16/05
o-Xylene	BQL	6.71	1	8/16/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	55.6	111
1,2-Dichloroethane-d4	50	59.4	119
Toluene-d8	50	51.4	103

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By: JTF

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP12-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-3B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 17:15
Date Received: 8/10/05
Matrix: Soil
%Solids: 87.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	72.3	1	8/16/05
Benzene	BQL	7.23	1	8/16/05
Bromobenzene	BQL	7.23	1	8/16/05
Bromochloromethane	BQL	7.23	1	8/16/05
Bromodichloromethane	BQL	7.23	1	8/16/05
Bromoform	BQL	7.23	1	8/16/05
Bromomethane	BQL	7.23	1	8/16/05
2-Butanone	BQL	36.1	1	8/16/05
n-Butylbenzene	BQL	7.23	1	8/16/05
sec-Butylbenzene	BQL	7.23	1	8/16/05
tert-Butylbenzene	BQL	7.23	1	8/16/05
Carbon disulfide	BQL	7.23	1	8/16/05
Carbon tetrachloride	BQL	7.23	1	8/16/05
Chlorobenzene	BQL	7.23	1	8/16/05
Chloroethane	BQL	7.23	1	8/16/05
Chloroform	BQL	7.23	1	8/16/05
Chloromethane	BQL	7.23	1	8/16/05
2-Chlorotoluene	BQL	7.23	1	8/16/05
4-Chlorotoluene	BQL	7.23	1	8/16/05
Dibromochloromethane	BQL	7.23	1	8/16/05
1,2-Dibromo-3-chloropropane	BQL	7.23	1	8/16/05
Dibromomethane	BQL	7.23	1	8/16/05
1,2-Dibromoethane (EDB)	BQL	7.23	1	8/16/05
1,2-Dichlorobenzene	BQL	7.23	1	8/16/05
1,3-Dichlorobenzene	BQL	7.23	1	8/16/05
1,4-Dichlorobenzene	BQL	7.23	1	8/16/05
trans-1,4-Dichloro-2-butene	BQL	7.23	1	8/16/05
1,1-Dichloroethane	BQL	7.23	1	8/16/05
1,1-Dichloroethene	BQL	7.23	1	8/16/05
1,2-Dichloroethane	BQL	7.23	1	8/16/05
cis-1,2-Dichloroethene	BQL	7.23	1	8/16/05
trans-1,2-dichloroethene	BQL	7.23	1	8/16/05
1,2-Dichloropropane	BQL	7.23	1	8/16/05
1,3-Dichloropropane	BQL	7.23	1	8/16/05
2,2-Dichloropropane	BQL	7.23	1	8/16/05
1,1-Dichloropropene	BQL	7.23	1	8/16/05
cis-1,3-Dichloropropene	BQL	7.23	1	8/16/05
trans-1,3-Dichloropropene	BQL	7.23	1	8/16/05
Dichlorodifluoromethane	BQL	7.23	1	8/16/05
Diisopropyl ether (DIPE)	BQL	7.23	1	8/16/05
Ethylbenzene	BQL	7.23	1	8/16/05
Hexachlorobutadiene	BQL	7.23	1	8/16/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GP12-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-532-3B
Lab Project ID: G106-532
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-09-2005 17:15
Date Received: 8/10/05
Matrix: Soil
%Solids: 87.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	7.23	1	8/16/05
Iodomethane	BQL	7.23	1	8/16/05
Isopropylbenzene	BQL	7.23	1	8/16/05
4-Isopropyltoluene	BQL	7.23	1	8/16/05
Methylene chloride	BQL	28.9	1	8/16/05
4-Methyl-2-pentanone	BQL	7.23	1	8/16/05
Methyl-tert-butyl ether (MTBE)	BQL	7.23	1	8/16/05
Naphthalene	BQL	7.23	1	8/16/05
n-Propyl benzene	BQL	7.23	1	8/16/05
Styrene	BQL	7.23	1	8/16/05
1,1,1,2-Tetrachloroethane	BQL	7.23	1	8/16/05
1,1,2,2-Tetrachloroethane	BQL	7.23	1	8/16/05
Tetrachloroethene	BQL	7.23	1	8/16/05
Toluene	BQL	7.23	1	8/16/05
1,2,3-Trichlorobenzene	BQL	7.23	1	8/16/05
1,2,4-Trichlorobenzene	BQL	7.23	1	8/16/05
Trichloroethene	BQL	7.23	1	8/16/05
1,1,1-Trichloroethane	BQL	7.23	1	8/16/05
1,1,2-Trichloroethane	BQL	7.23	1	8/16/05
Trichlorofluoromethane	BQL	7.23	1	8/16/05
1,2,3-Trichloropropane	BQL	7.23	1	8/16/05
1,2,4-Trimethylbenzene	BQL	7.23	1	8/16/05
1,3,5-Trimethylbenzene	BQL	7.23	1	8/16/05
Vinyl chloride	BQL	7.23	1	8/16/05
m-,p-Xylene	BQL	14.5	1	8/16/05
o-Xylene	BQL	7.23	1	8/16/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	61.2	122
1,2-Dichloroethane-d4	50	59.4	119
Toluene-d8	50	53.8	108

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP10-9
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-11
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 16:40
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 91.06

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	337	1	8/16/2005
Acenaphthylene	BQL	337	1	8/16/2005
Anthracene	BQL	337	1	8/16/2005
Benzo[a]anthracene	BQL	337	1	8/16/2005
Benzo[a]pyrene	BQL	337	1	8/16/2005
Benzo[b]fluoranthene	BQL	337	1	8/16/2005
Benzo[g,h,i]perylene	BQL	337	1	8/16/2005
Benzo[k]fluoranthene	BQL	337	1	8/16/2005
Benzoic Acid	BQL	675	1	8/16/2005
Bis(2-chloroethoxy)methane	BQL	337	1	8/16/2005
Bis(2-chloroethyl)ether	BQL	337	1	8/16/2005
Bis(2-chloroisopropyl)ether	BQL	337	1	8/16/2005
Bis(2-ethylhexyl)phthalate	BQL	337	1	8/16/2005
4-bromophenyl phenyl ether	BQL	337	1	8/16/2005
Butylbenzylphthalate	BQL	337	1	8/16/2005
2-Chloronaphthalene	BQL	337	1	8/16/2005
2-Chlorophenol	BQL	337	1	8/16/2005
4-Chloro-3-methylphenol	BQL	337	1	8/16/2005
4-Chloroaniline	BQL	1690	1	8/16/2005
4-Chlorophenyl phenyl ether	BQL	337	1	8/16/2005
Chrysene	BQL	337	1	8/16/2005
Dibenzo[a,h]anthracene	BQL	337	1	8/16/2005
Dibenzofuran	BQL	337	1	8/16/2005
Di-n-Butylphthalate	BQL	337	1	8/16/2005
1,2-Dichlorobenzene	BQL	337	1	8/16/2005
1,3-Dichlorobenzene	BQL	337	1	8/16/2005
1,4-Dichlorobenzene	BQL	337	1	8/16/2005
3,3'-Dichlorobenzidine	BQL	675	1	8/16/2005
2,4-Dichlorophenol	BQL	337	1	8/16/2005
Diethylphthalate	BQL	337	1	8/16/2005
Dimethylphthalate	BQL	337	1	8/16/2005
2,4-Dimethylphenol	BQL	337	1	8/16/2005
Di-n-octylphthalate	BQL	337	1	8/16/2005
4,6-Dinitro-2-methylphenol	BQL	1690	1	8/16/2005
2,4-Dinitrophenol	BQL	1690	1	8/16/2005
2,4-Dinitrotoluene	BQL	337	1	8/16/2005
2,6-Dinitrotoluene	BQL	337	1	8/16/2005
Diphenylamine *	BQL	337	1	8/16/2005
Fluoranthene	BQL	337	1	8/16/2005
Fluorene	BQL	337	1	8/16/2005
Hexachlorobenzene	BQL	337	1	8/16/2005
Hexachlorobutadiene	BQL	337	1	8/16/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP10-9
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-11
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 16:40
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 91.06

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	675	1	8/16/2005
Hexachloroethane	BQL	337	1	8/16/2005
Indeno(1,2,3-c,d)pyrene	BQL	337	1	8/16/2005
Isophorone	BQL	337	1	8/16/2005
2-Methylnaphthalene	BQL	337	1	8/16/2005
2-Methylphenol	BQL	337	1	8/16/2005
3- & 4-Methylphenol	BQL	337	1	8/16/2005
Naphthalene	BQL	337	1	8/16/2005
2-Nitroaniline	BQL	337	1	8/16/2005
3-Nitroaniline	BQL	1690	1	8/16/2005
4-Nitroaniline	BQL	1690	1	8/16/2005
Nitrobenzene	BQL	337	1	8/16/2005
2-Nitrophenol	BQL	337	1	8/16/2005
4-Nitrophenol	BQL	1690	1	8/16/2005
N-Nitrosodi-n-propylamine	BQL	337	1	8/16/2005
Pentachlorophenol	BQL	1690	1	8/16/2005
Phenanthrene	BQL	337	1	8/16/2005
Phenol	BQL	337	1	8/16/2005
Pyrene	BQL	337	1	8/16/2005
1,2,4-Trichlorobenzene	BQL	337	1	8/16/2005
2,4,5-Trichlorophenol	BQL	337	1	8/16/2005
2,4,6-Trichlorophenol	BQL	337	1	8/16/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.8	98
2-Fluorophenol	10	9.3	93
Nitrobenzene-d5	10	9.4	94
Phenol-d6	10	9.7	97
2,4,6-Tribromophenol	10	9.3	93
4-Terphenyl-d14	10	10.5	105

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: PW

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP11-18
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-21
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 16:50
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 81.83

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	386	1	8/16/2005
Acenaphthylene	BQL	386	1	8/16/2005
Anthracene	BQL	386	1	8/16/2005
Benzo[a]anthracene	BQL	386	1	8/16/2005
Benzo[a]pyrene	BQL	386	1	8/16/2005
Benzo[b]fluoranthene	BQL	386	1	8/16/2005
Benzo[g,h,i]perylene	BQL	386	1	8/16/2005
Benzo[k]fluoranthene	BQL	386	1	8/16/2005
Benzoic Acid	BQL	773	1	8/16/2005
Bis(2-chloroethoxy)methane	BQL	386	1	8/16/2005
Bis(2-chloroethyl)ether	BQL	386	1	8/16/2005
Bis(2-chloroisopropyl)ether	BQL	386	1	8/16/2005
Bis(2-ethylhexyl)phthalate	BQL	386	1	8/16/2005
4-bromophenyl phenyl ether	BQL	386	1	8/16/2005
Butylbenzylphthalate	BQL	386	1	8/16/2005
2-Chloronaphthalene	BQL	386	1	8/16/2005
2-Chlorophenol	BQL	386	1	8/16/2005
4-Chloro-3-methylphenol	BQL	386	1	8/16/2005
4-Chloroaniline	BQL	1930	1	8/16/2005
4-Chlorophenyl phenyl ether	BQL	386	1	8/16/2005
Chrysene	BQL	386	1	8/16/2005
Dibenzo[a,h]anthracene	BQL	386	1	8/16/2005
Dibenzofuran	BQL	386	1	8/16/2005
Di-n-Butylphthalate	BQL	386	1	8/16/2005
1,2-Dichlorobenzene	BQL	386	1	8/16/2005
1,3-Dichlorobenzene	BQL	386	1	8/16/2005
1,4-Dichlorobenzene	BQL	386	1	8/16/2005
3,3'-Dichlorobenzidine	BQL	773	1	8/16/2005
2,4-Dichlorophenol	BQL	386	1	8/16/2005
Diethylphthalate	BQL	386	1	8/16/2005
Dimethylphthalate	BQL	386	1	8/16/2005
2,4-Dimethylphenol	BQL	386	1	8/16/2005
Di-n-octylphthalate	BQL	386	1	8/16/2005
4,6-Dinitro-2-methylphenol	BQL	1930	1	8/16/2005
2,4-Dinitrophenol	BQL	1930	1	8/16/2005
2,4-Dinitrotoluene	BQL	386	1	8/16/2005
2,6-Dinitrotoluene	BQL	386	1	8/16/2005
Diphenylamine *	BQL	386	1	8/16/2005
Fluoranthene	BQL	386	1	8/16/2005
Fluorene	BQL	386	1	8/16/2005
Hexachlorobenzene	BQL	386	1	8/16/2005
Hexachlorobutadiene	BQL	386	1	8/16/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP11-18
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-21
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 16:50
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 81.83

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	773	1	8/16/2005
Hexachloroethane	BQL	386	1	8/16/2005
Indeno(1,2,3-c,d)pyrene	BQL	386	1	8/16/2005
Isophorone	BQL	386	1	8/16/2005
2-Methylnaphthalene	BQL	386	1	8/16/2005
2-Methylphenol	BQL	386	1	8/16/2005
3- & 4-Methylphenol	BQL	386	1	8/16/2005
Naphthalene	BQL	386	1	8/16/2005
2-Nitroaniline	BQL	386	1	8/16/2005
3-Nitroaniline	BQL	1930	1	8/16/2005
4-Nitroaniline	BQL	1930	1	8/16/2005
Nitrobenzene	BQL	386	1	8/16/2005
2-Nitrophenol	BQL	386	1	8/16/2005
4-Nitrophenol	BQL	1930	1	8/16/2005
N-Nitrosodi-n-propylamine	BQL	386	1	8/16/2005
Pentachlorophenol	BQL	1930	1	8/16/2005
Phenanthrene	BQL	386	1	8/16/2005
Phenol	BQL	386	1	8/16/2005
Pyrene	BQL	386	1	8/16/2005
1,2,4-Trichlorobenzene	BQL	386	1	8/16/2005
2,4,5-Trichlorophenol	BQL	386	1	8/16/2005
2,4,6-Trichlorophenol	BQL	386	1	8/16/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10	100
2-Fluorophenol	10	10.1	101
Nitrobenzene-d5	10	9.8	98
Phenol-d6	10	10.1	101
2,4,6-Tribromophenol	10	9.8	98
4-Terphenyl-d14	10	10.2	102

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP12-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-3I
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 17:15
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 87.6

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	350	1	8/16/2005
Acenaphthylene	BQL	350	1	8/16/2005
Anthracene	BQL	350	1	8/16/2005
Benzo[a]anthracene	BQL	350	1	8/16/2005
Benzo[a]pyrene	BQL	350	1	8/16/2005
Benzo[b]fluoranthene	BQL	350	1	8/16/2005
Benzo[g,h,i]perylene	BQL	350	1	8/16/2005
Benzo[k]fluoranthene	BQL	350	1	8/16/2005
Benzoic Acid	BQL	701	1	8/16/2005
Bis(2-chloroethoxy)methane	BQL	350	1	8/16/2005
Bis(2-chloroethyl)ether	BQL	350	1	8/16/2005
Bis(2-chloroisopropyl)ether	BQL	350	1	8/16/2005
Bis(2-ethylhexyl)phthalate	BQL	350	1	8/16/2005
4-bromophenyl phenyl ether	BQL	350	1	8/16/2005
Butylbenzylphthalate	BQL	350	1	8/16/2005
2-Chloronaphthalene	BQL	350	1	8/16/2005
2-Chlorophenol	BQL	350	1	8/16/2005
4-Chloro-3-methylphenol	BQL	350	1	8/16/2005
4-Chloroaniline	BQL	1750	1	8/16/2005
4-Chlorophenyl phenyl ether	BQL	350	1	8/16/2005
Chrysene	BQL	350	1	8/16/2005
Dibenzo[a,h]anthracene	BQL	350	1	8/16/2005
Dibenzofuran	BQL	350	1	8/16/2005
Di-n-Butylphthalate	BQL	350	1	8/16/2005
1,2-Dichlorobenzene	BQL	350	1	8/16/2005
1,3-Dichlorobenzene	BQL	350	1	8/16/2005
1,4-Dichlorobenzene	BQL	350	1	8/16/2005
3,3'-Dichlorobenzidine	BQL	701	1	8/16/2005
2,4-Dichlorophenol	BQL	350	1	8/16/2005
Diethylphthalate	BQL	350	1	8/16/2005
Dimethylphthalate	BQL	350	1	8/16/2005
2,4-Dimethylphenol	BQL	350	1	8/16/2005
Di-n-octylphthalate	BQL	350	1	8/16/2005
4,6-Dinitro-2-methylphenol	BQL	1750	1	8/16/2005
2,4-Dinitrophenol	BQL	1750	1	8/16/2005
2,4-Dinitrotoluene	BQL	350	1	8/16/2005
2,6-Dinitrotoluene	BQL	350	1	8/16/2005
Diphenylamine *	BQL	350	1	8/16/2005
Fluoranthene	BQL	350	1	8/16/2005
Fluorene	BQL	350	1	8/16/2005
Hexachlorobenzene	BQL	350	1	8/16/2005
Hexachlorobutadiene	BQL	350	1	8/16/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GP12-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-532-31
Lab Project ID: G106-532
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/9/2005 17:15
Date Received: 8/10/2005
Date Extracted: 8/12/2005
Matrix: Soil
% Solids: 87.6

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	701	1	8/16/2005
Hexachloroethane	BQL	350	1	8/16/2005
Indeno(1,2,3-c,d)pyrene	BQL	350	1	8/16/2005
Isophorone	BQL	350	1	8/16/2005
2-Methylnaphthalene	BQL	350	1	8/16/2005
2-Methylphenol	BQL	350	1	8/16/2005
3- & 4-Methylphenol	BQL	350	1	8/16/2005
Naphthalene	BQL	350	1	8/16/2005
2-Nitroaniline	BQL	350	1	8/16/2005
3-Nitroaniline	BQL	1750	1	8/16/2005
4-Nitroaniline	BQL	1750	1	8/16/2005
Nitrobenzene	BQL	350	1	8/16/2005
2-Nitrophenol	BQL	350	1	8/16/2005
4-Nitrophenol	BQL	1750	1	8/16/2005
N-Nitrosodi-n-propylamine	BQL	350	1	8/16/2005
Pentachlorophenol	BQL	1750	1	8/16/2005
Phenanthrene	BQL	350	1	8/16/2005
Phenol	BQL	350	1	8/16/2005
Pyrene	BQL	350	1	8/16/2005
1,2,4-Trichlorobenzene	BQL	350	1	8/16/2005
2,4,5-Trichlorophenol	BQL	350	1	8/16/2005
2,4,6-Trichlorophenol	BQL	350	1	8/16/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.7	97
2-Fluorophenol	10	10	100
Nitrobenzene-d5	10	9.5	95
Phenol-d6	10	10.2	102
2,4,6-Tribromophenol	10	9.5	95
4-Terphenyl-d14	10	10	100

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P11GP10-9
 Client Project ID: Parcel 11 Tip#U-2826A
 Lab Sample ID: G106-532-1
 Lab Project ID: G106-532
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/9/2005 16:40
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 91.06

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	2.12	0.981	1	MG/KG	6010B	8/25/2005
Barium	BQL	9.81	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	0.981	1	MG/KG	6010B	8/25/2005
Chromium	BQL	0.981	1	MG/KG	6010B	8/25/2005
Lead	3.60	0.981	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0203	1	MG/KG	7471	8/29/2005
Selenium	BQL	1.96	1	MG/KG	6010B	8/25/2005
Silver	BQL	0.981	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By:
 MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P11GP11-18
 Client Project ID: Parcel 11 Tip#U-2826A
 Lab Sample ID: G106-532-2
 Lab Project ID: G106-532
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/9/2005 16:50
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 81.83

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	18.5	1.04	1	MG/KG	6010B	8/25/2005
Barium	108	10.4	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.04	1	MG/KG	6010B	8/25/2005
Chromium	BQL	1.04	1	MG/KG	6010B	8/25/2005
Lead	129	1.04	1	MG/KG	6010B	8/25/2005
Mercury	0.0430	0.0216	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.07	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.04	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P11GP12-15
 Client Project ID: Parcel 11 Tip#U-2826A
 Lab Sample ID: G106-532-3
 Lab Project ID: G106-532
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/9/2005 17:15
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 87.60

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.12	1	MG/KG	6010B	8/25/2005
Barium	BQL	11.2	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.12	1	MG/KG	6010B	8/25/2005
Chromium	BQL	1.12	1	MG/KG	6010B	8/25/2005
Lead	26.7	1.12	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0220	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.24	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.12	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

List of Reporting Abbreviations
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive, Wilmington, NC 28405
 Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of-Custody Record & Analytical Request

Project ID: PHCEL10-11
 Date: 8-10-05
 Turnaround: 57 HOURS
 Job Number: _____
 P.O. Number: _____

Client: EI
 Address: 2101 KATHY CIR BUN
 Address: 5011E 202 MOUNTAIN VIEW
 Quote #: _____

Contact: DMARCO LACRINA
 Phone: 919-544-7500
 Fax: 919-544-2199

Report To: DMARCO LACRINA
 Invoice To: NECOT TPA 0-28264

COC# 46857

Page _____ of _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Sample ID	Date	Time	Matrix	Preservatives			Analyses			Comments: Please specify any special reporting requirements																					
0106109	8-10-05	1610	SOIL																												
0106118	"	1650		X	X	X				G106-532																					
0106115	"	1745		X	X	X				ID's changed Per D. Lockhart 8/15/05 gr																					
0106112	8-10-05	0900																													
0106113	8-10-05	0910																													
<table border="1"> <thead> <tr> <th>Requisitioned By</th> <th>Date</th> <th>Time</th> <th>Received By</th> <th>Date</th> <th>Time</th> <th>Temperature</th> </tr> </thead> <tbody> <tr> <td><i>[Signature]</i></td> <td>8-10-05</td> <td>1:30</td> <td><i>[Signature]</i></td> <td>8-10-05</td> <td>10:48</td> <td>in ice</td> </tr> <tr> <td><i>[Signature]</i></td> <td>8-10-05</td> <td>1:30</td> <td><i>[Signature]</i></td> <td>8-10-05</td> <td>1645</td> <td>a.c.c.</td> </tr> </tbody> </table>											Requisitioned By	Date	Time	Received By	Date	Time	Temperature	<i>[Signature]</i>	8-10-05	1:30	<i>[Signature]</i>	8-10-05	10:48	in ice	<i>[Signature]</i>	8-10-05	1:30	<i>[Signature]</i>	8-10-05	1645	a.c.c.
Requisitioned By	Date	Time	Received By	Date	Time	Temperature																									
<i>[Signature]</i>	8-10-05	1:30	<i>[Signature]</i>	8-10-05	10:48	in ice																									
<i>[Signature]</i>	8-10-05	1:30	<i>[Signature]</i>	8-10-05	1645	a.c.c.																									
State Certification Requested NC <input checked="" type="checkbox"/> SC <input type="checkbox"/> Other <input type="checkbox"/>							SEE REVERSE FOR TERMS AND CONDITIONS																								

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-544

Client Project: Parcel 11-NCDOT-Forsyth Tip#U-2826A

P110613
P110614
TPLH

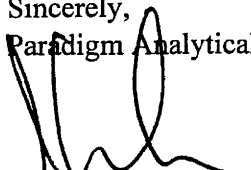
Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.


Laboratory Director
J. Patrick Weaver

9/14/05
Date

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GP13-20

Analyzed By: DCS

Client Project ID: Parcel 11-NCDOT-Forsyth Tip#U-2826A

Date Collected: 8/29/05 15:15

Lab Sample ID: G106-544-1

Date Received: 9/1/05

Lab Project ID: G106-544

Matrix: Soil

Report Basis: Dry Weight

Solids 86.74

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.75	5030	1	09/07/05
Diesel Range Organics	BQL	6.93	3545	1	09/07/05

Comments:

Reviewed By:
TPH_LIMS_v1.82.XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GP14-15

Analyzed By: DCS

Client Project ID: Parcel 11-NCDOT-Forsyth Tip#U-2826A

Date Collected: 8/29/05 16:55

Lab Sample ID: G106-544-2

Date Received: 9/1/05

Lab Project ID: G106-544

Matrix: Soil

Report Basis: Dry Weight

Solids 74.86

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.01	5030	1	09/07/05
Diesel Range Organics	BQL	7.75	3545	1	09/07/05

Comments:

Reviewed By: EW
TPH_LIMS_v1.02.XLS

**List of Reporting Abbreviations
and Data Qualifiers**

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-552
Client Project: Parcel 11 Tip#U-2826A

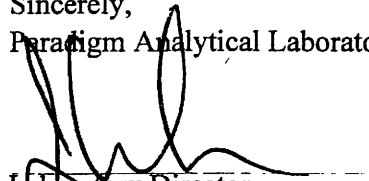
Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

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Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.


Laboratory Director
J. Patrick Weaver


9/19/05
Date

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPA-10
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-1
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 14:30
Date Received: 9/10/2005
Matrix: Soil
Solids 74.52

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.67	5035	1	09/12/05
Diesel Range Organics	BQL	8.11	3545	1	09/14/05

Reviewed By: 
TPH_LIMS_v1 82 XLS 2 of 16

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPB-10
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-2
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 14:45
Date Received: 9/10/2005
Matrix: Soil
Solids 74.34

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.17	5035	1	09/12/05
Diesel Range Organics	BQL	8.25	3545	1	09/14/05

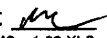
Reviewed By: 
TPH_LIMS_v1 B2 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPC-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-3
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 15:10
Date Received: 9/10/2005
Matrix: Soil
Solids 74.69

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.75	5035	1	09/13/05
Diesel Range Organics	BQL	7.96	3545	1	09/14/05


Reviewed By: 
TPH_LIMS_v1 82 XLS 4 of 16

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPD-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-4
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 15:25
Date Received: 9/10/2005
Matrix: Soil
Solids 75.00

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.25	5035	1	09/13/05
Diesel Range Organics	116	8.21	3545	1	09/15/05

Reviewed By: 
TPH_LIMS_v1 82 XLS 5 of 16

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPE-4
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-5
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 15:35
Date Received: 9/10/2005
Matrix: Soil
Solids 72.91

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.7	5035	1	09/13/05
Diesel Range Organics	25.9	8.41	3545	1	09/16/05

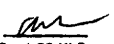
Reviewed By: 
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPF-4
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-6
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/2/2005 15:45
Date Received: 9/10/2005
Matrix: Soil
Solids 72.64

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.25	5035	1	09/13/05
Diesel Range Organics	BQL	8.33	3545	1	09/15/05

Reviewed By: 
TPH_LIMS_v1 B2 XLS 7 of 16


PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPG-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-7
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 9:25
Date Received: 9/10/2005
Matrix: Soil
Solids 73.96

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	9.85	5035	1	09/13/05
Diesel Range Organics	BQL	8.25	3545	1	09/15/05

Reviewed By: 
TPH_LIMS_v1 82 XLS 8 of 16

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPH-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-8
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 8:50
Date Received: 9/10/2005
Matrix: Soil
Solids 78.16

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	9.2	5035	1	09/13/05
Diesel Range Organics	BQL	7.78	3545	1	09/15/05

Reviewed By: 
TPH_LIMS_v1 82.XLS

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPK-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-9
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 9:35
Date Received: 9/10/2005
Matrix: Soil
Solids 76.44

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.83	5035	1	09/13/05
Diesel Range Organics	BQL	7.72	3545	1	09/15/05

Reviewed By: 
TPH_LIMS_v1 82 XLS

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPL-8
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-10
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 9:55
Date Received: 9/10/2005
Matrix: Soil
Solids 70.91

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.64	5035	1	09/13/05
Diesel Range Organics	BQL	8.53	3545	1	09/15/05

Reviewed By: *rl*
TPH_LIMS_v1 82 XLS

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPI-5
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-11
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 8:52
Date Received: 9/10/2005
Matrix: Soil
Solids 68.66

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	9.95	5035	1	09/13/05
Diesel Range Organics	BQL	9.04	3545	1	09/15/05

Reviewed By. 
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPJ-6
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-552-12
Lab Project ID: G106-552
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/8/2005 10:10
Date Received: 9/10/2005
Matrix: Soil
Solids 76.20

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	10.0	5035	1	09/13/05
Diesel Range Organics	BQL	8.02	3545	1	09/15/05

Reviewed By: nl
TPH_LIMS_v1 82 XLS

List of Reporting Abbreviations
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

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LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive, Wilmington, NC 28405

Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TYPE V-207WA WBB: 34871.12

COC# 48118

Page 1 of 2

Client: EI Project ID: P11611 Date: 9/8/05 Report To: DAGGEN P. LOCKMAN
 Address: 2101 Gateway Center Blvd Contact: DAGGEN P. LOCKMAN Turnaround: 5-DAY TURN
 Address: Suite 200, Morrisville, NC Phone: 919 544 3300 Job Number: 304 (per Mark's Email)
 Quote #: 27500 Fax: 919 544 3300 P.O. Number: 27500 Invoice To: NC DOT (TIP) U-2826A

Sample ID	Date	Time Matrix	Preservatives		Analyses				Comments: Please specify any special reporting requirements	
			TPH 525	TPH 850	TPH 525	TPH 850	TPH 525	TPH 850		
P11GPA-10	9/2/05	1470 S	X	X	X	X			G106-552	
P11GPB-10	"	1445 "	X	X	X	X				
P11GPC-8	"	1510 "	X	X	X	X				
P11GPD-8	"	1525 "	X	X	X	X				
P11GPE-4	"	1535 "	X	X	X	X				
P11GPF-4	"	1545 "	X	X	X	X				
P11GPG-8	9/8/05	0925 "	X	X	X	X				
P11GPH-8	"	0850 "	X	X	X	X				
P11GPK-8	"	0935 "	X	X	X	X				
P11GPL-8	"	0955 "	X	X	X	X				
Relinquished By: <u>Daggen P. Lockman</u> Date: <u>9/10/05</u> Time: <u>1:00</u>			Received By: <u>[Signature]</u> Date: <u>9/10/05</u> Time: <u>10:20</u> Temperature: <u>0.7°C</u>				State Certification Requested: NC ___ SC ___ Other ___			

ORIGINAL

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive, Wilmington, NC 28405
 Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

TIP# U-2826A

COC# 4812U

Page 2 of 2

Client: EA Project ID: Pract 11 Date: 9/9/05 Report To: Darren P. Latham
 Address: 201 EXTREME ENERGY BLDG Contact: Darren P. Latham Turnaround: 5-DAY TURN
Address: 5010, MIDDLETOWN, N.C. 27500 Phone: 919.574.7500 Job Number: LET MATT BENS
 Quote #: 2750 Fax: 919.574.7500 P.O. Number: Invoice To: NCDOT (Tip # U-2826A)

Sample ID	Date	Time	Matrix	Preservatives				Analyses				Comments: Please specify any special reporting requirements		
				Date	Time	Received By	Date	Time	Temperature	State Certification Requested				
2116PI-5	9/9/05	0932	S											
2116PI-6	"	1010	S											0.70

PARADIGM ANALYTICAL LABORATORIES, INC.

State Certification Requested
 NC SC Other
 SEE REVERSE FOR
 TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GPM-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-553-1A
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-12-2005 14:10
Date Received: 9/13/05
Matrix: Soil
%Solids: 77.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	53.0	1	9/15/05
Benzene	BQL	5.30	1	9/15/05
Bromobenzene	BQL	5.30	1	9/15/05
Bromochloromethane	BQL	5.30	1	9/15/05
Bromodichloromethane	BQL	5.30	1	9/15/05
Bromoform	BQL	5.30	1	9/15/05
Bromomethane	BQL	5.30	1	9/15/05
2-Butanone	BQL	26.5	1	9/15/05
n-Butylbenzene	BQL	5.30	1	9/15/05
sec-Butylbenzene	BQL	5.30	1	9/15/05
tert-Butylbenzene	BQL	5.30	1	9/15/05
Carbon disulfide	BQL	5.30	1	9/15/05
Carbon tetrachloride	BQL	5.30	1	9/15/05
Chlorobenzene	BQL	5.30	1	9/15/05
Chloroethane	BQL	5.30	1	9/15/05
Chloroform	BQL	5.30	1	9/15/05
Chloromethane	BQL	5.30	1	9/15/05
2-Chlorotoluene	BQL	5.30	1	9/15/05
4-Chlorotoluene	BQL	5.30	1	9/15/05
Dibromochloromethane	BQL	5.30	1	9/15/05
1,2-Dibromo-3-chloropropane	BQL	5.30	1	9/15/05
Dibromomethane	BQL	5.30	1	9/15/05
1,2-Dibromoethane (EDB)	BQL	5.30	1	9/15/05
1,2-Dichlorobenzene	BQL	5.30	1	9/15/05
1,3-Dichlorobenzene	BQL	5.30	1	9/15/05
1,4-Dichlorobenzene	BQL	5.30	1	9/15/05
trans-1,4-Dichloro-2-butene	BQL	5.30	1	9/15/05
1,1-Dichloroethane	BQL	5.30	1	9/15/05
1,1-Dichloroethene	BQL	5.30	1	9/15/05
1,2-Dichloroethane	BQL	5.30	1	9/15/05
cis-1,2-Dichloroethene	BQL	5.30	1	9/15/05
trans-1,2-dichloroethene	BQL	5.30	1	9/15/05
1,2-Dichloropropane	BQL	5.30	1	9/15/05
1,3-Dichloropropane	BQL	5.30	1	9/15/05
2,2-Dichloropropane	BQL	5.30	1	9/15/05
1,1-Dichloropropene	BQL	5.30	1	9/15/05
cis-1,3-Dichloropropene	BQL	5.30	1	9/15/05
trans-1,3-Dichloropropene	BQL	5.30	1	9/15/05
Dichlorodifluoromethane	BQL	5.30	1	9/15/05
Diisopropyl ether (DIPE)	BQL	5.30	1	9/15/05
Ethylbenzene	BQL	5.30	1	9/15/05
Hexachlorobutadiene	BQL	5.30	1	9/15/05

**Results for Volatiles
by GCMS 8260-5035**

Client Sample ID: P11GPM-15
 Client Project ID: Parcel 11 Tip#U-2826A
 Lab Sample ID G106-553-1A
 Lab Project ID: G106-553
 Report Basis: Dry Weight

Analyzed By: JTF
 Date Collected: 09-12-2005 14:10
 Date Received: 9/13/05
 Matrix: Soil
 %Solids: 77.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.30	1	9/15/05
Iodomethane	BQL	5.30	1	9/15/05
Isopropylbenzene	BQL	5.30	1	9/15/05
4-Isopropyltoluene	BQL	5.30	1	9/15/05
Methylene chloride	BQL	21.2	1	9/15/05
4-Methyl-2-pentanone	BQL	5.30	1	9/15/05
Methyl-tert-butyl ether (MTBE)	BQL	5.30	1	9/15/05
Naphthalene	BQL	5.30	1	9/15/05
n-Propyl benzene	BQL	5.30	1	9/15/05
Styrene	BQL	5.30	1	9/15/05
1,1,1,2-Tetrachloroethane	BQL	5.30	1	9/15/05
1,1,2,2-Tetrachloroethane	BQL	5.30	1	9/15/05
Tetrachloroethene	BQL	5.30	1	9/15/05
Toluene	BQL	5.30	1	9/15/05
1,2,3-Trichlorobenzene	BQL	5.30	1	9/15/05
1,2,4-Trichlorobenzene	BQL	5.30	1	9/15/05
Trichloroethene	BQL	5.30	1	9/15/05
1,1,1-Trichloroethane	BQL	5.30	1	9/15/05
1,1,2-Trichloroethane	BQL	5.30	1	9/15/05
Trichlorofluoromethane	BQL	5.30	1	9/15/05
1,2,3-Trichloropropane	BQL	5.30	1	9/15/05
1,2,4-Trimethylbenzene	BQL	5.30	1	9/15/05
1,3,5-Trimethylbenzene	BQL	5.30	1	9/15/05
Vinyl chloride	BQL	5.30	1	9/15/05
m-,p-Xylene	BQL	10.6	1	9/15/05
o-Xylene	BQL	5.30	1	9/15/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	46.8	94
1,2-Dichloroethane-d4	50	59	118
Toluene-d8	50	51.9	104

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GPO-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-553-3A
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-12-2005 14:35
Date Received: 9/13/05
Matrix: Soil
%Solids: 79.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	47.4	1	9/15/05
Benzene	BQL	4.74	1	9/15/05
Bromobenzene	BQL	4.74	1	9/15/05
Bromochloromethane	BQL	4.74	1	9/15/05
Bromodichloromethane	BQL	4.74	1	9/15/05
Bromoform	BQL	4.74	1	9/15/05
Bromomethane	BQL	4.74	1	9/15/05
2-Butanone	BQL	23.7	1	9/15/05
n-Butylbenzene	BQL	4.74	1	9/15/05
sec-Butylbenzene	BQL	4.74	1	9/15/05
tert-Butylbenzene	BQL	4.74	1	9/15/05
Carbon disulfide	BQL	4.74	1	9/15/05
Carbon tetrachloride	BQL	4.74	1	9/15/05
Chlorobenzene	BQL	4.74	1	9/15/05
Chloroethane	BQL	4.74	1	9/15/05
Chloroform	BQL	4.74	1	9/15/05
Chloromethane	BQL	4.74	1	9/15/05
2-Chlorotoluene	BQL	4.74	1	9/15/05
4-Chlorotoluene	BQL	4.74	1	9/15/05
Dibromochloromethane	BQL	4.74	1	9/15/05
1,2-Dibromo-3-chloropropane	BQL	4.74	1	9/15/05
Dibromomethane	BQL	4.74	1	9/15/05
1,2-Dibromoethane (EDB)	BQL	4.74	1	9/15/05
1,2-Dichlorobenzene	BQL	4.74	1	9/15/05
1,3-Dichlorobenzene	BQL	4.74	1	9/15/05
1,4-Dichlorobenzene	BQL	4.74	1	9/15/05
trans-1,4-Dichloro-2-butene	BQL	4.74	1	9/15/05
1,1-Dichloroethane	BQL	4.74	1	9/15/05
1,1-Dichloroethene	BQL	4.74	1	9/15/05
1,2-Dichloroethane	BQL	4.74	1	9/15/05
cis-1,2-Dichloroethene	BQL	4.74	1	9/15/05
trans-1,2-dichloroethene	BQL	4.74	1	9/15/05
1,2-Dichloropropane	BQL	4.74	1	9/15/05
1,3-Dichloropropane	BQL	4.74	1	9/15/05
2,2-Dichloropropane	BQL	4.74	1	9/15/05
1,1-Dichloropropene	BQL	4.74	1	9/15/05
cis-1,3-Dichloropropene	BQL	4.74	1	9/15/05
trans-1,3-Dichloropropene	BQL	4.74	1	9/15/05
Dichlorodifluoromethane	BQL	4.74	1	9/15/05
Diisopropyl ether (DIPE)	BQL	4.74	1	9/15/05
Ethylbenzene	BQL	4.74	1	9/15/05
Hexachlorobutadiene	BQL	4.74	1	9/15/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P11GPO-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID G106-553-3A
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-12-2005 14:35
Date Received: 9/13/05
Matrix: Soil
%Solids: 79.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	4.74	1	9/15/05
Iodomethane	BQL	4.74	1	9/15/05
Isopropylbenzene	BQL	4.74	1	9/15/05
4-Isopropyltoluene	BQL	4.74	1	9/15/05
Methylene chloride	BQL	18.9	1	9/15/05
4-Methyl-2-pentanone	BQL	4.74	1	9/15/05
Methyl-tert-butyl ether (MTBE)	BQL	4.74	1	9/15/05
Naphthalene	BQL	4.74	1	9/15/05
n-Propyl benzene	BQL	4.74	1	9/15/05
Styrene	BQL	4.74	1	9/15/05
1,1,1,2-Tetrachloroethane	BQL	4.74	1	9/15/05
1,1,2,2-Tetrachloroethane	BQL	4.74	1	9/15/05
Tetrachloroethene	BQL	4.74	1	9/15/05
Toluene	BQL	4.74	1	9/15/05
1,2,3-Trichlorobenzene	BQL	4.74	1	9/15/05
1,2,4-Trichlorobenzene	BQL	4.74	1	9/15/05
Trichloroethene	BQL	4.74	1	9/15/05
1,1,1-Trichloroethane	BQL	4.74	1	9/15/05
1,1,2-Trichloroethane	BQL	4.74	1	9/15/05
Trichlorofluoromethane	BQL	4.74	1	9/15/05
1,2,3-Trichloropropane	BQL	4.74	1	9/15/05
1,2,4-Trimethylbenzene	BQL	4.74	1	9/15/05
1,3,5-Trimethylbenzene	BQL	4.74	1	9/15/05
Vinyl chloride	BQL	4.74	1	9/15/05
m-,p-Xylene	BQL	9.47	1	9/15/05
o-Xylene	BQL	4.74	1	9/15/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	49.1	98
1,2-Dichloroethane-d4	50	63.5	127
Toluene-d8	50	52.5	105

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GPM-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-1F
Lab Project ID: G106-553
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/12/2005 14:10
Date Received: 9/13/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 77.37

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	396	1	9/15/2005
Acenaphthylene	BQL	396	1	9/15/2005
Anthracene	BQL	396	1	9/15/2005
Benzo[a]anthracene	BQL	396	1	9/15/2005
Benzo[a]pyrene	BQL	396	1	9/15/2005
Benzo[b]fluoranthene	BQL	396	1	9/15/2005
Benzo[g,h,i]perylene	BQL	396	1	9/15/2005
Benzo[k]fluoranthene	BQL	396	1	9/15/2005
Benzoic Acid	BQL	793	1	9/15/2005
Bis(2-chloroethoxy)methane	BQL	396	1	9/15/2005
Bis(2-chloroethyl)ether	BQL	396	1	9/15/2005
Bis(2-chloroisopropyl)ether	BQL	396	1	9/15/2005
Bis(2-ethylhexyl)phthalate	BQL	396	1	9/15/2005
4-bromophenyl phenyl ether	BQL	396	1	9/15/2005
Butylbenzylphthalate	BQL	396	1	9/15/2005
2-Chloronaphthalene	BQL	396	1	9/15/2005
2-Chlorophenol	BQL	396	1	9/15/2005
4-Chloro-3-methylphenol	BQL	396	1	9/15/2005
4-Chloroaniline	BQL	1980	1	9/15/2005
4-Chlorophenyl phenyl ether	BQL	396	1	9/15/2005
Chrysene	BQL	396	1	9/15/2005
Dibenzo[a,h]anthracene	BQL	396	1	9/15/2005
Dibenzofuran	BQL	396	1	9/15/2005
Di-n-Butylphthalate	BQL	396	1	9/15/2005
1,2-Dichlorobenzene	BQL	396	1	9/15/2005
1,3-Dichlorobenzene	BQL	396	1	9/15/2005
1,4-Dichlorobenzene	BQL	396	1	9/15/2005
3,3'-Dichlorobenzidine	BQL	793	1	9/15/2005
2,4-Dichlorophenol	BQL	396	1	9/15/2005
Diethylphthalate	BQL	396	1	9/15/2005
Dimethylphthalate	BQL	396	1	9/15/2005
2,4-Dimethylphenol	BQL	396	1	9/15/2005
Di-n-octylphthalate	BQL	396	1	9/15/2005
4,6-Dinitro-2-methylphenol	BQL	1980	1	9/15/2005
2,4-Dinitrophenol	BQL	1980	1	9/15/2005
2,4-Dinitrotoluene	BQL	396	1	9/15/2005
2,6-Dinitrotoluene	BQL	396	1	9/15/2005
Diphenylamine *	BQL	396	1	9/15/2005
Fluoranthene	BQL	396	1	9/15/2005
Fluorene	BQL	396	1	9/15/2005
Hexachlorobenzene	BQL	396	1	9/15/2005
Hexachlorobutadiene	BQL	396	1	9/15/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GPM-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-1F
Lab Project ID: G106-553
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/12/2005 14:10
Date Received: 9/13/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 77.37

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	793	1	9/15/2005
Hexachloroethane	BQL	396	1	9/15/2005
Indeno(1,2,3-c,d)pyrene	BQL	396	1	9/15/2005
Isophorone	BQL	396	1	9/15/2005
2-Methylnaphthalene	BQL	396	1	9/15/2005
2-Methylphenol	BQL	396	1	9/15/2005
3- & 4-Methylphenol	BQL	396	1	9/15/2005
Naphthalene	BQL	396	1	9/15/2005
2-Nitroaniline	BQL	396	1	9/15/2005
3-Nitroaniline	BQL	1980	1	9/15/2005
4-Nitroaniline	BQL	1980	1	9/15/2005
Nitrobenzene	BQL	396	1	9/15/2005
2-Nitrophenol	BQL	396	1	9/15/2005
4-Nitrophenol	BQL	1980	1	9/15/2005
N-Nitrosodi-n-propylamine	BQL	396	1	9/15/2005
Pentachlorophenol	BQL	1980	1	9/15/2005
Phenanthrene	BQL	396	1	9/15/2005
Phenol	BQL	396	1	9/15/2005
Pyrene	BQL	396	1	9/15/2005
1,2,4-Trichlorobenzene	BQL	396	1	9/15/2005
2,4,5-Trichlorophenol	BQL	396	1	9/15/2005
2,4,6-Trichlorophenol	BQL	396	1	9/15/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.8	98
2-Fluorophenol	10	11.2	112
Nitrobenzene-d5	10	9.4	94
Phenol-d6	10	10.6	106
2,4,6-Tribromophenol	10	7.2	73
4-Terphenyl-d14	10	10.1	101

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: mr

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GPO-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-3F
Lab Project ID: G106-553
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/12/2005 14:35
Date Received: 9/13/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 79.25

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	394	1	9/15/2005
Acenaphthylene	BQL	394	1	9/15/2005
Anthracene	BQL	394	1	9/15/2005
Benzo[a]anthracene	BQL	394	1	9/15/2005
Benzo[a]pyrene	BQL	394	1	9/15/2005
Benzo[b]fluoranthene	BQL	394	1	9/15/2005
Benzo[g,h,i]perylene	BQL	394	1	9/15/2005
Benzo[k]fluoranthene	BQL	394	1	9/15/2005
Benzoic Acid	BQL	788	1	9/15/2005
Bis(2-chloroethoxy)methane	BQL	394	1	9/15/2005
Bis(2-chloroethyl)ether	BQL	394	1	9/15/2005
Bis(2-chloroisopropyl)ether	BQL	394	1	9/15/2005
Bis(2-ethylhexyl)phthalate	BQL	394	1	9/15/2005
4-bromophenyl phenyl ether	BQL	394	1	9/15/2005
Butylbenzylphthalate	BQL	394	1	9/15/2005
2-Chloronaphthalene	BQL	394	1	9/15/2005
2-Chlorophenol	BQL	394	1	9/15/2005
4-Chloro-3-methylphenol	BQL	394	1	9/15/2005
4-Chloroaniline	BQL	1970	1	9/15/2005
4-Chlorophenyl phenyl ether	BQL	394	1	9/15/2005
Chrysene	BQL	394	1	9/15/2005
Dibenzo[a,h]anthracene	BQL	394	1	9/15/2005
Dibenzofuran	BQL	394	1	9/15/2005
Di-n-Butylphthalate	BQL	394	1	9/15/2005
1,2-Dichlorobenzene	BQL	394	1	9/15/2005
1,3-Dichlorobenzene	BQL	394	1	9/15/2005
1,4-Dichlorobenzene	BQL	394	1	9/15/2005
3,3'-Dichlorobenzidine	BQL	788	1	9/15/2005
2,4-Dichlorophenol	BQL	394	1	9/15/2005
Diethylphthalate	BQL	394	1	9/15/2005
Dimethylphthalate	BQL	394	1	9/15/2005
2,4-Dimethylphenol	BQL	394	1	9/15/2005
Di-n-octylphthalate	BQL	394	1	9/15/2005
4,6-Dinitro-2-methylphenol	BQL	1970	1	9/15/2005
2,4-Dinitrophenol	BQL	1970	1	9/15/2005
2,4-Dinitrotoluene	BQL	394	1	9/15/2005
2,6-Dinitrotoluene	BQL	394	1	9/15/2005
Diphenylamine *	BQL	394	1	9/15/2005
Fluoranthene	BQL	394	1	9/15/2005
Fluorene	BQL	394	1	9/15/2005
Hexachlorobenzene	BQL	394	1	9/15/2005
Hexachlorobutadiene	BQL	394	1	9/15/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P11GPO-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-3F
Lab Project ID: G106-553
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/12/2005 14:35
Date Received: 9/13/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 79.25

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	788	1	9/15/2005
Hexachloroethane	BQL	394	1	9/15/2005
Indeno(1,2,3-c,d)pyrene	BQL	394	1	9/15/2005
Isophorone	BQL	394	1	9/15/2005
2-Methylnaphthalene	BQL	394	1	9/15/2005
2-Methylphenol	BQL	394	1	9/15/2005
3- & 4-Methylphenol	BQL	394	1	9/15/2005
Naphthalene	BQL	394	1	9/15/2005
2-Nitroaniline	BQL	394	1	9/15/2005
3-Nitroaniline	BQL	1970	1	9/15/2005
4-Nitroaniline	BQL	1970	1	9/15/2005
Nitrobenzene	BQL	394	1	9/15/2005
2-Nitrophenol	BQL	394	1	9/15/2005
4-Nitrophenol	BQL	1970	1	9/15/2005
N-Nitrosodi-n-propylamine	BQL	394	1	9/15/2005
Pentachlorophenol	BQL	1970	1	9/15/2005
Phenanthrene	BQL	394	1	9/15/2005
Phenol	BQL	394	1	9/15/2005
Pyrene	BQL	394	1	9/15/2005
1,2,4-Trichlorobenzene	BQL	394	1	9/15/2005
2,4,5-Trichlorophenol	BQL	394	1	9/15/2005
2,4,6-Trichlorophenol	BQL	394	1	9/15/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.7	107
2-Fluorophenol	10	11.5	115
Nitrobenzene-d5	10	10	100
Phenol-d6	10	11.5	115
2,4,6-Tribromophenol	10	7.5	75
4-Terphenyl-d14	10	12.3	123

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: 

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPM-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-1
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/12/2005 14:10
Date Received: 9/13/2005
Matrix: Soil
Solids 77.37

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.36	5035	1	09/19/05
Diesel Range Organics	BQL	7.57	3545	1	09/15/05

Reviewed By: MC
TPH_LIMS_v1 B2 XLS

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPN-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-2
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/12/2005 14:30
Date Received: 9/13/2005
Matrix: Soil
Solids 76.98

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.63	5035	1	09/19/05
Diesel Range Organics	BQL	7.75	3545	1	09/15/05


Reviewed By: 
TPH_LIMS_v1 82 XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPO-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-3
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/12/2005 14:35
Date Received: 9/13/2005
Matrix: Soil
Solids 79.25

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.41	5035	1	09/19/05
Diesel Range Organics	BQL	7.86	3545	1	09/15/05

Reviewed By: 
TPH_LIMS_v1 B2 XLS
12 of 15

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11GPP-15
Client Project ID: Parcel 11 Tip#U-2826A
Lab Sample ID: G106-553-4
Lab Project ID: G106-553
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 9/12/2005 14:45
Date Received: 9/13/2005
Matrix: Soil
Solids 79.34

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.03	5035	1	09/19/05
Diesel Range Organics	BQL	7.7	3545	1	09/15/05

Reviewed By: 
TPH_LIMS_v1 82 XLS

List of Reporting Abbreviations
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive, Wilmington, NC 28405

Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 48836

Page 1 of 1

Client: ELI LILLY Project ID: PARCEL 11 Date: 9/12/05 Report To: DARREN P. LOCKHART
 Address: 2101 GAFNEY CENTER Contact: DARREN LOCKHART Turnaround: 5 days
 Address: NOTRISNUE, NC 27560 Phone: 919 544 7500 ext 270 Job Number: 4250050015.00
 Quote #: _____ Fax: electronic P.O. Number: _____ Invoice To: ADOT FIR-02820

Sample ID	Date	Time	Matrix	Preservatives			Analyses			Temperature	State Certification Requested
				Blank	TH-DB	TH-GR	Blank	TH-DB	TH-GR		
P11GPM-15	9/12/05	1410	S	X	X	X	X	X	X		
P11GPN-15	"	1430	S	X	X	X	X	X	X		
P11GPO-15	"	1435	S	X	X	X	X	X	X		
P11GPP-15	"	1445	S	X	X	X	X	X	X		
Comments: Please specify any special reporting requirements											
G106-553											
Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested				
<u>Darren P. Lockhart</u>	<u>9/12/05</u>	<u>1900</u>	<u>John J. ...</u>	<u>9/13/05</u>	<u>1015</u>	<u>5.8 °C</u>	NC	SC	Other		

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-555

Client Project: Parcel 11-Waste Mgmt. Tip#U-2826A

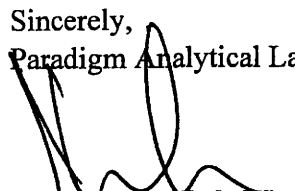
Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.


Laboratory Director
J. Patrick Weaver

10/10/05
Date

Results for Metals

Client Sample ID: P11HAQ-1
 Client Project ID: Parcel 11-Waste Mgmt. Tip#U-2826A
 Lab Sample ID: G106-555-1
 Lab Project ID: G106-555
 Batch ID: 3758 3763
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 9/29/2005 09:20
 Date Received: 9/30/2005
 Matrix: SOIL
 Solids 85.14

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	4.64	1.09	1	MG/KG	6010B	10/5/2005
Barium	15.8	10.9	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.09	1	MG/KG	6010B	10/5/2005
Chromium	15.9	1.09	1	MG/KG	6010B	10/5/2005
Lead	23.5	1.09	1	MG/KG	6010B	10/5/2005
Mercury	0.0453	0.0228	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.18	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.09	1	MG/KG	6010B	10/5/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

Results for Metals

Client Sample ID: P11HAR-1
 Client Project ID: Parcel 11-Waste Mgmt. Tip#U-2826A
 Lab Sample ID: G106-555-2
 Lab Project ID: G106-555
 Batch ID: 3758 3763
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 9/29/2005 09:40
 Date Received: 9/30/2005
 Matrix: SOIL
 Solids 85.44

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	8.42	1.13	1	MG/KG	6010B	10/5/2005
Barium	18.8	11.3	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.13	1	MG/KG	6010B	10/5/2005
Chromium	19.6	1.13	1	MG/KG	6010B	10/5/2005
Lead	22.2	1.13	1	MG/KG	6010B	10/5/2005
Mercury	0.0502	0.0225	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.25	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.13	1	MG/KG	6010B	10/5/2005

Comments

BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

Results for Metals

Client Sample ID: P11HAS-1.5
 Client Project ID: Parcel 11-Waste Mgmt. Tip#U-2826A
 Lab Sample ID: G106-555-3
 Lab Project ID: G106-555
 Batch ID: 3758 3763
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 9/29/2005 09:50
 Date Received: 9/30/2005
 Matrix: SOIL
 Solids 96.51

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	0.964	0.878	1	MG/KG	6010B	10/5/2005
Barium	BQL	8.78	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	0.878	1	MG/KG	6010B	10/5/2005
Chromium	1.10	0.878	1	MG/KG	6010B	10/5/2005
Lead	7.31	0.878	1	MG/KG	6010B	10/5/2005
Mercury	BQL	0.0188	1	MG/KG	7471	10/4/2005
Selenium	BQL	1.76	1	MG/KG	6010B	10/5/2005
Silver	BQL	0.878	1	MG/KG	6010B	10/5/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: EW
 MET_LIMS_3.3

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11HAT-4 Analyzed By: DCS
Client Project ID: Parcel 11-Waste Mgmt. Tip#U-2826A Date Collected: 9/29/05 14:25
Lab Sample ID: G106-555-4 Date Received: 9/30/05
Lab Project ID: G106-555 Matrix: Soil
Report Basis: Dry Weight Solids 79.52

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.68	3545	1	10/05/05

Comments:

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11HAU-4 Analyzed By: DCS
Client Project ID: Parcel 11-Waste Mgmt. Tip#U-2826A Date Collected: 9/29/05 14:45
Lab Sample ID: G106-555-5 Date Received: 9/30/05
Lab Project ID: G106-555 Matrix: Soil
Report Basis: Dry Weight Solids 79.07

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.8	3545	1	10/05/05

Comments:

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P11HAV-3.5

Analyzed By: DCS

Client Project ID: Parcel 11-Waste Mgmt. Tip#U-2826A

Date Collected: 9/29/05 15:00

Lab Sample ID: G106-555-6

Date Received: 9/30/05

Lab Project ID: G106-555

Matrix: Soil

Report Basis: Dry Weight

Solids 80.27

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.71	3545	1	10/05/05

Comments:

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

Client: ELI

Address: 21016 KENT AVE

Project ID: PA11-11-11-11

Address: 41220, WAREHOUSE NC Phone: 919.657.5500.278 Job Number: EDW052015.00

Quote #: 27520 Fax: 440.470.1000 P.O. Number:

Turnaround: 5-DAY Date: 9.29.05 Report To: DAVID R. LESTER

Invoice To: DAVID R. LESTER

PARADIGM ANALYTICAL LABORATORIES, INC.

Sample ID	Date	Time	Matrix	Preservatives			Analyses			Comments: Please specify any special reporting requirements
<u>PI14A</u>	<u>09/29/05</u>	<u>0720</u>	<u>S</u>							
<u>PI14A-1</u>	<u>09/29/05</u>	<u>0940</u>	<u>S</u>							<u>C106-555</u>
<u>PI14A-1</u>	<u>09/29/05</u>	<u>0950</u>	<u>S</u>							
<u>PI14A-4</u>	<u>"</u>	<u>1425</u>	<u>S</u>							
<u>PI14A-4</u>	<u>"</u>	<u>1445</u>	<u>S</u>							
<u>PI14A-35</u>	<u>"</u>	<u>1500</u>	<u>S</u>							

BRCA metals
DRUG

Relinquished By: [Signature] Date: 9/29/05 Time: 1800
 Received By: [Signature] Date: 9/29/05 Time: 1010 Temperature: 5-20°C

State Certification Requested

NC SC Other

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-533

Client Project: Parcel 8 Tip#U-2826A


Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

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Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.


Laboratory Director 8-30-05
Date
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP1-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-1A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 09:00
Date Received: 8/10/2005
Matrix: Soil
%Solids: 83.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	62.9	1	8/17/2005
Benzene	BQL	6.29	1	8/17/2005
Bromobenzene	BQL	6.29	1	8/17/2005
Bromochloromethane	BQL	6.29	1	8/17/2005
Bromodichloromethane	BQL	6.29	1	8/17/2005
Bromoform	BQL	6.29	1	8/17/2005
Bromomethane	BQL	6.29	1	8/17/2005
2-Butanone	BQL	31.5	1	8/17/2005
n-Butylbenzene	BQL	6.29	1	8/17/2005
sec-Butylbenzene	BQL	6.29	1	8/17/2005
tert-Butylbenzene	BQL	6.29	1	8/17/2005
Carbon disulfide	BQL	6.29	1	8/17/2005
Carbon tetrachloride	BQL	6.29	1	8/17/2005
Chlorobenzene	BQL	6.29	1	8/17/2005
Chloroethane	BQL	6.29	1	8/17/2005
Chloroform	BQL	6.29	1	8/17/2005
Chloromethane	BQL	6.29	1	8/17/2005
2-Chlorotoluene	BQL	6.29	1	8/17/2005
4-Chlorotoluene	BQL	6.29	1	8/17/2005
Dibromochloromethane	BQL	6.29	1	8/17/2005
1,2-Dibromo-3-chloropropane	BQL	6.29	1	8/17/2005
Dibromomethane	BQL	6.29	1	8/17/2005
1,2-Dibromoethane (EDB)	BQL	6.29	1	8/17/2005
1,2-Dichlorobenzene	BQL	6.29	1	8/17/2005
1,3-Dichlorobenzene	BQL	6.29	1	8/17/2005
1,4-Dichlorobenzene	BQL	6.29	1	8/17/2005
trans-1,4-Dichloro-2-butene	BQL	6.29	1	8/17/2005
1,1-Dichloroethane	BQL	6.29	1	8/17/2005
1,1-Dichloroethene	BQL	6.29	1	8/17/2005
1,2-Dichloroethane	BQL	6.29	1	8/17/2005
cis-1,2-Dichloroethene	BQL	6.29	1	8/17/2005
trans-1,2-dichloroethene	BQL	6.29	1	8/17/2005
1,2-Dichloropropane	BQL	6.29	1	8/17/2005
1,3-Dichloropropane	BQL	6.29	1	8/17/2005
2,2-Dichloropropane	BQL	6.29	1	8/17/2005
1,1-Dichloropropene	BQL	6.29	1	8/17/2005
cis-1,3-Dichloropropene	BQL	6.29	1	8/17/2005
trans-1,3-Dichloropropene	BQL	6.29	1	8/17/2005
Dichlorodifluoromethane	BQL	6.29	1	8/17/2005
Diisopropyl ether (DIPE)	BQL	6.29	1	8/17/2005
Ethylbenzene	BQL	6.29	1	8/17/2005
Hexachlorobutadiene	BQL	6.29	1	8/17/2005
2-Hexanone	BQL	6.29	1	8/17/2005
Iodomethane	BQL	6.29	1	8/17/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP1-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-1A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 09:00
Date Received: 8/10/2005
Matrix: Soil
%Solids: 83.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	6.29	1	8/17/2005
4-Isopropyltoluene	BQL	6.29	1	8/17/2005
Methylene chloride	BQL	25.2	1	8/17/2005
4-Methyl-2-pentanone	BQL	6.29	1	8/17/2005
Methyl-tert-butyl ether (MTBE)	BQL	6.29	1	8/17/2005
Naphthalene	BQL	6.29	1	8/17/2005
n-Propyl benzene	BQL	6.29	1	8/17/2005
Styrene	BQL	6.29	1	8/17/2005
1,1,1,2-Tetrachloroethane	BQL	6.29	1	8/17/2005
1,1,2,2-Tetrachloroethane	BQL	6.29	1	8/17/2005
Tetrachloroethene	BQL	6.29	1	8/17/2005
Toluene	BQL	6.29	1	8/17/2005
1,2,3-Trichlorobenzene	BQL	6.29	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	6.29	1	8/17/2005
Trichloroethene	BQL	6.29	1	8/17/2005
1,1,1-Trichloroethane	BQL	6.29	1	8/17/2005
1,1,2-Trichloroethane	BQL	6.29	1	8/17/2005
Trichlorofluoromethane	BQL	6.29	1	8/17/2005
1,2,3-Trichloropropane	BQL	6.29	1	8/17/2005
1,2,4-Trimethylbenzene	BQL	6.29	1	8/17/2005
1,3,5-Trimethylbenzene	BQL	6.29	1	8/17/2005
Vinyl chloride	BQL	6.29	1	8/17/2005
m-,p-Xylene	BQL	12.6	1	8/17/2005
o-Xylene	BQL	6.29	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	70	140
1,2-Dichloroethane-d4	50	39.9	80
Toluene-d8	50	51.5	103

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By: JTF

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP2-13
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-2A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 09:40
Date Received: 8/10/2005
Matrix: Soil
%Solids: 91.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	54.4	1	8/17/2005
Benzene	BQL	5.44	1	8/17/2005
Bromobenzene	BQL	5.44	1	8/17/2005
Bromochloromethane	BQL	5.44	1	8/17/2005
Bromodichloromethane	BQL	5.44	1	8/17/2005
Bromoform	BQL	5.44	1	8/17/2005
Bromomethane	BQL	5.44	1	8/17/2005
2-Butanone	BQL	27.2	1	8/17/2005
n-Butylbenzene	BQL	5.44	1	8/17/2005
sec-Butylbenzene	BQL	5.44	1	8/17/2005
tert-Butylbenzene	BQL	5.44	1	8/17/2005
Carbon disulfide	BQL	5.44	1	8/17/2005
Carbon tetrachloride	BQL	5.44	1	8/17/2005
Chlorobenzene	BQL	5.44	1	8/17/2005
Chloroethane	BQL	5.44	1	8/17/2005
Chloroform	BQL	5.44	1	8/17/2005
Chloromethane	BQL	5.44	1	8/17/2005
2-Chlorotoluene	BQL	5.44	1	8/17/2005
4-Chlorotoluene	BQL	5.44	1	8/17/2005
Dibromochloromethane	BQL	5.44	1	8/17/2005
1,2-Dibromo-3-chloropropane	BQL	5.44	1	8/17/2005
Dibromomethane	BQL	5.44	1	8/17/2005
1,2-Dibromoethane (EDB)	BQL	5.44	1	8/17/2005
1,2-Dichlorobenzene	BQL	5.44	1	8/17/2005
1,3-Dichlorobenzene	BQL	5.44	1	8/17/2005
1,4-Dichlorobenzene	BQL	5.44	1	8/17/2005
trans-1,4-Dichloro-2-butene	BQL	5.44	1	8/17/2005
1,1-Dichloroethane	BQL	5.44	1	8/17/2005
1,1-Dichloroethene	BQL	5.44	1	8/17/2005
1,2-Dichloroethane	BQL	5.44	1	8/17/2005
cis-1,2-Dichloroethene	BQL	5.44	1	8/17/2005
trans-1,2-dichloroethene	BQL	5.44	1	8/17/2005
1,2-Dichloropropane	BQL	5.44	1	8/17/2005
1,3-Dichloropropane	BQL	5.44	1	8/17/2005
2,2-Dichloropropane	BQL	5.44	1	8/17/2005
1,1-Dichloropropene	BQL	5.44	1	8/17/2005
cis-1,3-Dichloropropene	BQL	5.44	1	8/17/2005
trans-1,3-Dichloropropene	BQL	5.44	1	8/17/2005
Dichlorodifluoromethane	BQL	5.44	1	8/17/2005
Diisopropyl ether (DIPE)	BQL	5.44	1	8/17/2005
Ethylbenzene	BQL	5.44	1	8/17/2005
Hexachlorobutadiene	BQL	5.44	1	8/17/2005
2-Hexanone	BQL	5.44	1	8/17/2005
Iodomethane	BQL	5.44	1	8/17/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP2-13
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-2A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 09:40
Date Received: 8/10/2005
Matrix: Soil
%Solids: 91.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.44	1	8/17/2005
4-Isopropyltoluene	BQL	5.44	1	8/17/2005
Methylene chloride	BQL	21.8	1	8/17/2005
4-Methyl-2-pentanone	BQL	5.44	1	8/17/2005
Methyl-tert-butyl ether (MTBE)	BQL	5.44	1	8/17/2005
Naphthalene	BQL	5.44	1	8/17/2005
n-Propyl benzene	BQL	5.44	1	8/17/2005
Styrene	BQL	5.44	1	8/17/2005
1,1,1,2-Tetrachloroethane	BQL	5.44	1	8/17/2005
1,1,2,2-Tetrachloroethane	BQL	5.44	1	8/17/2005
Tetrachloroethene	BQL	5.44	1	8/17/2005
Toluene	BQL	5.44	1	8/17/2005
1,2,3-Trichlorobenzene	BQL	5.44	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	5.44	1	8/17/2005
Trichloroethene	BQL	5.44	1	8/17/2005
1,1,1-Trichloroethane	BQL	5.44	1	8/17/2005
1,1,2-Trichloroethane	BQL	5.44	1	8/17/2005
Trichlorofluoromethane	BQL	5.44	1	8/17/2005
1,2,3-Trichloropropane	BQL	5.44	1	8/17/2005
1,2,4-Trimethylbenzene	BQL	5.44	1	8/17/2005
1,3,5-Trimethylbenzene	BQL	5.44	1	8/17/2005
Vinyl chloride	BQL	5.44	1	8/17/2005
m-,p-Xylene	BQL	10.9	1	8/17/2005
o-Xylene	BQL	5.44	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	56.9	114
1,2-Dichloroethane-d4	50	41.3	83
Toluene-d8	50	49.5	99

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By: JTF

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP3-08
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-3C
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:00
Date Received: 8/10/2005
Matrix: Soil
%Solids: 91.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	56.2	1	8/17/2005
Benzene	BQL	5.62	1	8/17/2005
Bromobenzene	BQL	5.62	1	8/17/2005
Bromochloromethane	BQL	5.62	1	8/17/2005
Bromodichloromethane	BQL	5.62	1	8/17/2005
Bromoform	BQL	5.62	1	8/17/2005
Bromomethane	BQL	5.62	1	8/17/2005
2-Butanone	BQL	28.1	1	8/17/2005
n-Butylbenzene	BQL	5.62	1	8/17/2005
sec-Butylbenzene	BQL	5.62	1	8/17/2005
tert-Butylbenzene	BQL	5.62	1	8/17/2005
Carbon disulfide	BQL	5.62	1	8/17/2005
Carbon tetrachloride	BQL	5.62	1	8/17/2005
Chlorobenzene	BQL	5.62	1	8/17/2005
Chloroethane	BQL	5.62	1	8/17/2005
Chloroform	BQL	5.62	1	8/17/2005
Chloromethane	BQL	5.62	1	8/17/2005
2-Chlorotoluene	BQL	5.62	1	8/17/2005
4-Chlorotoluene	BQL	5.62	1	8/17/2005
Dibromochloromethane	BQL	5.62	1	8/17/2005
1,2-Dibromo-3-chloropropane	BQL	5.62	1	8/17/2005
Dibromomethane	BQL	5.62	1	8/17/2005
1,2-Dibromoethane (EDB)	BQL	5.62	1	8/17/2005
1,2-Dichlorobenzene	BQL	5.62	1	8/17/2005
1,3-Dichlorobenzene	BQL	5.62	1	8/17/2005
1,4-Dichlorobenzene	BQL	5.62	1	8/17/2005
trans-1,4-Dichloro-2-butene	BQL	5.62	1	8/17/2005
1,1-Dichloroethane	BQL	5.62	1	8/17/2005
1,1-Dichloroethene	BQL	5.62	1	8/17/2005
1,2-Dichloroethane	BQL	5.62	1	8/17/2005
cis-1,2-Dichloroethene	BQL	5.62	1	8/17/2005
trans-1,2-dichloroethene	BQL	5.62	1	8/17/2005
1,2-Dichloropropane	BQL	5.62	1	8/17/2005
1,3-Dichloropropane	BQL	5.62	1	8/17/2005
2,2-Dichloropropane	BQL	5.62	1	8/17/2005
1,1-Dichloropropene	BQL	5.62	1	8/17/2005
cis-1,3-Dichloropropene	BQL	5.62	1	8/17/2005
trans-1,3-Dichloropropene	BQL	5.62	1	8/17/2005
Dichlorodifluoromethane	BQL	5.62	1	8/17/2005
Diisopropyl ether (DIPE)	BQL	5.62	1	8/17/2005
Ethylbenzene	BQL	5.62	1	8/17/2005
Hexachlorobutadiene	BQL	5.62	1	8/17/2005
2-Hexanone	BQL	5.62	1	8/17/2005
Iodomethane	BQL	5.62	1	8/17/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP3-08
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-3C
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:00
Date Received: 8/10/2005
Matrix: Soil
%Solids: 91.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	5.62	1	8/17/2005
4-Isopropyltoluene	BQL	5.62	1	8/17/2005
Methylene chloride	BQL	22.5	1	8/17/2005
4-Methyl-2-pentanone	BQL	5.62	1	8/17/2005
Methyl-tert-butyl ether (MTBE)	BQL	5.62	1	8/17/2005
Naphthalene	BQL	5.62	1	8/17/2005
n-Propyl benzene	BQL	5.62	1	8/17/2005
Styrene	BQL	5.62	1	8/17/2005
1,1,1,2-Tetrachloroethane	BQL	5.62	1	8/17/2005
1,1,2,2-Tetrachloroethane	BQL	5.62	1	8/17/2005
Tetrachloroethene	BQL	5.62	1	8/17/2005
Toluene	BQL	5.62	1	8/17/2005
1,2,3-Trichlorobenzene	BQL	5.62	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	5.62	1	8/17/2005
Trichloroethene	BQL	5.62	1	8/17/2005
1,1,1-Trichloroethane	BQL	5.62	1	8/17/2005
1,1,2-Trichloroethane	BQL	5.62	1	8/17/2005
Trichlorofluoromethane	BQL	5.62	1	8/17/2005
1,2,3-Trichloropropane	BQL	5.62	1	8/17/2005
1,2,4-Trimethylbenzene	BQL	5.62	1	8/17/2005
1,3,5-Trimethylbenzene	BQL	5.62	1	8/17/2005
Vinyl chloride	BQL	5.62	1	8/17/2005
m-,p-Xylene	BQL	11.2	1	8/17/2005
o-Xylene	BQL	5.62	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	63	126
1,2-Dichloroethane-d4	50	48.3	97
Toluene-d8	50	52.7	105

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP4-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-4A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:15
Date Received: 8/10/2005
Matrix: Soil
%Solids: 78.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	90.1	1	8/17/2005
Benzene	BQL	9.01	1	8/17/2005
Bromobenzene	BQL	9.01	1	8/17/2005
Bromochloromethane	BQL	9.01	1	8/17/2005
Bromodichloromethane	BQL	9.01	1	8/17/2005
Bromoform	BQL	9.01	1	8/17/2005
Bromomethane	BQL	9.01	1	8/17/2005
2-Butanone	BQL	45.0	1	8/17/2005
n-Butylbenzene	BQL	9.01	1	8/17/2005
sec-Butylbenzene	BQL	9.01	1	8/17/2005
tert-Butylbenzene	BQL	9.01	1	8/17/2005
Carbon disulfide	BQL	9.01	1	8/17/2005
Carbon tetrachloride	BQL	9.01	1	8/17/2005
Chlorobenzene	BQL	9.01	1	8/17/2005
Chloroethane	BQL	9.01	1	8/17/2005
Chloroform	BQL	9.01	1	8/17/2005
Chloromethane	BQL	9.01	1	8/17/2005
2-Chlorotoluene	BQL	9.01	1	8/17/2005
4-Chlorotoluene	BQL	9.01	1	8/17/2005
Dibromochloromethane	BQL	9.01	1	8/17/2005
1,2-Dibromo-3-chloropropane	BQL	9.01	1	8/17/2005
Dibromomethane	BQL	9.01	1	8/17/2005
1,2-Dibromoethane (EDB)	BQL	9.01	1	8/17/2005
1,2-Dichlorobenzene	BQL	9.01	1	8/17/2005
1,3-Dichlorobenzene	BQL	9.01	1	8/17/2005
1,4-Dichlorobenzene	BQL	9.01	1	8/17/2005
trans-1,4-Dichloro-2-butene	BQL	9.01	1	8/17/2005
1,1-Dichloroethane	BQL	9.01	1	8/17/2005
1,1-Dichloroethene	BQL	9.01	1	8/17/2005
1,2-Dichloroethane	BQL	9.01	1	8/17/2005
cis-1,2-Dichloroethene	BQL	9.01	1	8/17/2005
trans-1,2-dichloroethene	BQL	9.01	1	8/17/2005
1,2-Dichloropropane	BQL	9.01	1	8/17/2005
1,3-Dichloropropane	BQL	9.01	1	8/17/2005
2,2-Dichloropropane	BQL	9.01	1	8/17/2005
1,1-Dichloropropene	BQL	9.01	1	8/17/2005
cis-1,3-Dichloropropene	BQL	9.01	1	8/17/2005
trans-1,3-Dichloropropene	BQL	9.01	1	8/17/2005
Dichlorodifluoromethane	BQL	9.01	1	8/17/2005
Diisopropyl ether (DIPE)	BQL	9.01	1	8/17/2005
Ethylbenzene	BQL	9.01	1	8/17/2005
Hexachlorobutadiene	BQL	9.01	1	8/17/2005
2-Hexanone	BQL	9.01	1	8/17/2005
Iodomethane	BQL	9.01	1	8/17/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP4-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-4A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:15
Date Received: 8/10/2005
Matrix: Soil
%Solids: 78.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Isopropylbenzene	BQL	9.01	1	8/17/2005
4-Isopropyltoluene	BQL	9.01	1	8/17/2005
Methylene chloride	BQL	36.0	1	8/17/2005
4-Methyl-2-pentanone	BQL	9.01	1	8/17/2005
Methyl-tert-butyl ether (MTBE)	BQL	9.01	1	8/17/2005
Naphthalene	BQL	9.01	1	8/17/2005
n-Propyl benzene	BQL	9.01	1	8/17/2005
Styrene	BQL	9.01	1	8/17/2005
1,1,1,2-Tetrachloroethane	BQL	9.01	1	8/17/2005
1,1,2,2-Tetrachloroethane	BQL	9.01	1	8/17/2005
Tetrachloroethene	BQL	9.01	1	8/17/2005
Toluene	BQL	9.01	1	8/17/2005
1,2,3-Trichlorobenzene	BQL	9.01	1	8/17/2005
1,2,4-Trichlorobenzene	BQL	9.01	1	8/17/2005
Trichloroethene	BQL	9.01	1	8/17/2005
1,1,1-Trichloroethane	BQL	9.01	1	8/17/2005
1,1,2-Trichloroethane	BQL	9.01	1	8/17/2005
Trichlorofluoromethane	BQL	9.01	1	8/17/2005
1,2,3-Trichloropropane	BQL	9.01	1	8/17/2005
1,2,4-Trimethylbenzene	BQL	9.01	1	8/17/2005
1,3,5-Trimethylbenzene	BQL	9.01	1	8/17/2005
Vinyl chloride	BQL	9.01	1	8/17/2005
m-,p-Xylene	BQL	18.0	1	8/17/2005
o-Xylene	BQL	9.01	1	8/17/2005

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	62.3	125
1,2-Dichloroethane-d4	50	54.4	109
Toluene-d8	50	52.4	105

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By: RJV

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP5-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-5A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:45
Date Received: 8/10/05
Matrix: Soil
%Solids: 84.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	64.1	1	8/17/05
Benzene	BQL	6.41	1	8/17/05
Bromobenzene	BQL	6.41	1	8/17/05
Bromochloromethane	BQL	6.41	1	8/17/05
Bromodichloromethane	BQL	6.41	1	8/17/05
Bromoform	BQL	6.41	1	8/17/05
Bromomethane	BQL	6.41	1	8/17/05
2-Butanone	BQL	32.0	1	8/17/05
n-Butylbenzene	BQL	6.41	1	8/17/05
sec-Butylbenzene	BQL	6.41	1	8/17/05
tert-Butylbenzene	BQL	6.41	1	8/17/05
Carbon disulfide	BQL	6.41	1	8/17/05
Carbon tetrachloride	BQL	6.41	1	8/17/05
Chlorobenzene	BQL	6.41	1	8/17/05
Chloroethane	BQL	6.41	1	8/17/05
Chloroform	BQL	6.41	1	8/17/05
Chloromethane	BQL	6.41	1	8/17/05
2-Chlorotoluene	BQL	6.41	1	8/17/05
4-Chlorotoluene	BQL	6.41	1	8/17/05
Dibromochloromethane	BQL	6.41	1	8/17/05
1,2-Dibromo-3-chloropropane	BQL	6.41	1	8/17/05
Dibromomethane	BQL	6.41	1	8/17/05
1,2-Dibromoethane (EDB)	BQL	6.41	1	8/17/05
1,2-Dichlorobenzene	BQL	6.41	1	8/17/05
1,3-Dichlorobenzene	BQL	6.41	1	8/17/05
1,4-Dichlorobenzene	BQL	6.41	1	8/17/05
trans-1,4-Dichloro-2-butene	BQL	6.41	1	8/17/05
1,1-Dichloroethane	BQL	6.41	1	8/17/05
1,1-Dichloroethene	BQL	6.41	1	8/17/05
1,2-Dichloroethane	BQL	6.41	1	8/17/05
cis-1,2-Dichloroethene	BQL	6.41	1	8/17/05
trans-1,2-dichloroethene	BQL	6.41	1	8/17/05
1,2-Dichloropropane	BQL	6.41	1	8/17/05
1,3-Dichloropropane	BQL	6.41	1	8/17/05
2,2-Dichloropropane	BQL	6.41	1	8/17/05
1,1-Dichloropropene	BQL	6.41	1	8/17/05
cis-1,3-Dichloropropene	BQL	6.41	1	8/17/05
trans-1,3-Dichloropropene	BQL	6.41	1	8/17/05
Dichlorodifluoromethane	BQL	6.41	1	8/17/05
Diisopropyl ether (DIPE)	BQL	6.41	1	8/17/05
Ethylbenzene	BQL	6.41	1	8/17/05
Hexachlorobutadiene	BQL	6.41	1	8/17/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP5-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-533-5A
Lab Project ID: G106-533
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-10-2005 10:45
Date Received: 8/10/05
Matrix: Soil
%Solids: 84.3

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	6.41	1	8/17/05
Iodomethane	BQL	6.41	1	8/17/05
Isopropylbenzene	BQL	6.41	1	8/17/05
4-Isopropyltoluene	BQL	6.41	1	8/17/05
Methylene chloride	BQL	25.6	1	8/17/05
4-Methyl-2-pentanone	BQL	6.41	1	8/17/05
Methyl-tert-butyl ether (MTBE)	BQL	6.41	1	8/17/05
Naphthalene	BQL	6.41	1	8/17/05
n-Propyl benzene	BQL	6.41	1	8/17/05
Styrene	BQL	6.41	1	8/17/05
1,1,1,2-Tetrachloroethane	BQL	6.41	1	8/17/05
1,1,2,2-Tetrachloroethane	BQL	6.41	1	8/17/05
Tetrachloroethene	BQL	6.41	1	8/17/05
Toluene	BQL	6.41	1	8/17/05
1,2,3-Trichlorobenzene	BQL	6.41	1	8/17/05
1,2,4-Trichlorobenzene	BQL	6.41	1	8/17/05
Trichloroethene	BQL	6.41	1	8/17/05
1,1,1-Trichloroethane	BQL	6.41	1	8/17/05
1,1,2-Trichloroethane	BQL	6.41	1	8/17/05
Trichlorofluoromethane	BQL	6.41	1	8/17/05
1,2,3-Trichloropropane	BQL	6.41	1	8/17/05
1,2,4-Trimethylbenzene	BQL	6.41	1	8/17/05
1,3,5-Trimethylbenzene	BQL	6.41	1	8/17/05
Vinyl chloride	BQL	6.41	1	8/17/05
m-,p-Xylene	BQL	12.8	1	8/17/05
o-Xylene	BQL	6.41	1	8/17/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	61.4	123
1,2-Dichloroethane-d4	50	39.2	78
Toluene-d8	50	49.7	99

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP1-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-1K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 9:00
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 83.45

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	382	1	8/20/2005
Acenaphthylene	BQL	382	1	8/20/2005
Anthracene	BQL	382	1	8/20/2005
Benzo[a]anthracene	BQL	382	1	8/20/2005
Benzo[a]pyrene	BQL	382	1	8/20/2005
Benzo[b]fluoranthene	BQL	382	1	8/20/2005
Benzo[g,h,i]perylene	BQL	382	1	8/20/2005
Benzo[k]fluoranthene	BQL	382	1	8/20/2005
Benzoic Acid	BQL	764	1	8/20/2005
Bis(2-chloroethoxy)methane	BQL	382	1	8/20/2005
Bis(2-chloroethyl)ether	BQL	382	1	8/20/2005
Bis(2-chloroisopropyl)ether	BQL	382	1	8/20/2005
Bis(2-ethylhexyl)phthalate	BQL	382	1	8/20/2005
4-bromophenyl phenyl ether	BQL	382	1	8/20/2005
Butylbenzylphthalate	BQL	382	1	8/20/2005
2-Chloronaphthalene	BQL	382	1	8/20/2005
2-Chlorophenol	BQL	382	1	8/20/2005
4-Chloro-3-methylphenol	BQL	382	1	8/20/2005
4-Chloroaniline	BQL	1910	1	8/20/2005
4-Chlorophenyl phenyl ether	BQL	382	1	8/20/2005
Chrysene	BQL	382	1	8/20/2005
Dibenzo[a,h]anthracene	BQL	382	1	8/20/2005
Dibenzofuran	BQL	382	1	8/20/2005
Di-n-Butylphthalate	BQL	382	1	8/20/2005
1,2-Dichlorobenzene	BQL	382	1	8/20/2005
1,3-Dichlorobenzene	BQL	382	1	8/20/2005
1,4-Dichlorobenzene	BQL	382	1	8/20/2005
3,3'-Dichlorobenzidine	BQL	764	1	8/20/2005
2,4-Dichlorophenol	BQL	382	1	8/20/2005
Diethylphthalate	BQL	382	1	8/20/2005
Dimethylphthalate	BQL	382	1	8/20/2005
2,4-Dimethylphenol	BQL	382	1	8/20/2005
Di-n-octylphthalate	BQL	382	1	8/20/2005
4,6-Dinitro-2-methylphenol	BQL	1910	1	8/20/2005
2,4-Dinitrophenol	BQL	1910	1	8/20/2005
2,4-Dinitrotoluene	BQL	382	1	8/20/2005
2,6-Dinitrotoluene	BQL	382	1	8/20/2005
Diphenylamine *	BQL	382	1	8/20/2005
Fluoranthene	BQL	382	1	8/20/2005
Fluorene	BQL	382	1	8/20/2005
Hexachlorobenzene	BQL	382	1	8/20/2005
Hexachlorobutadiene	BQL	382	1	8/20/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP1-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-1K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 9:00
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 83.45

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	764	1	8/20/2005
Hexachloroethane	BQL	382	1	8/20/2005
Indeno(1,2,3-c,d)pyrene	BQL	382	1	8/20/2005
Isophorone	BQL	382	1	8/20/2005
2-Methylnaphthalene	BQL	382	1	8/20/2005
2-Methylphenol	BQL	382	1	8/20/2005
3- & 4-Methylphenol	BQL	382	1	8/20/2005
Naphthalene	BQL	382	1	8/20/2005
2-Nitroaniline	BQL	382	1	8/20/2005
3-Nitroaniline	BQL	1910	1	8/20/2005
4-Nitroaniline	BQL	1910	1	8/20/2005
Nitrobenzene	BQL	382	1	8/20/2005
2-Nitrophenol	BQL	382	1	8/20/2005
4-Nitrophenol	BQL	1910	1	8/20/2005
N-Nitrosodi-n-propylamine	BQL	382	1	8/20/2005
Pentachlorophenol	BQL	1910	1	8/20/2005
Phenanthrene	BQL	382	1	8/20/2005
Phenol	BQL	382	1	8/20/2005
Pyrene	BQL	382	1	8/20/2005
1,2,4-Trichlorobenzene	BQL	382	1	8/20/2005
2,4,5-Trichlorophenol	BQL	382	1	8/20/2005
2,4,6-Trichlorophenol	BQL	382	1	8/20/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.2	102
2-Fluorophenol	10	10.3	103
Nitrobenzene-d5	10	10.1	101
Phenol-d6	10	9.8	98
2,4,6-Tribromophenol	10	8.5	85
4-Terphenyl-d14	10	13.6	136

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP2-13
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-2K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 9:40
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 91.3

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	330	1	8/20/2005
Acenaphthylene	BQL	330	1	8/20/2005
Anthracene	BQL	330	1	8/20/2005
Benzo[a]anthracene	BQL	330	1	8/20/2005
Benzo[a]pyrene	BQL	330	1	8/20/2005
Benzo[b]fluoranthene	BQL	330	1	8/20/2005
Benzo[g,h,i]perylene	BQL	330	1	8/20/2005
Benzo[k]fluoranthene	BQL	330	1	8/20/2005
Benzoic Acid	BQL	661	1	8/20/2005
Bis(2-chloroethoxy)methane	BQL	330	1	8/20/2005
Bis(2-chloroethyl)ether	BQL	330	1	8/20/2005
Bis(2-chloroisopropyl)ether	BQL	330	1	8/20/2005
Bis(2-ethylhexyl)phthalate	BQL	330	1	8/20/2005
4-bromophenyl phenyl ether	BQL	330	1	8/20/2005
Butylbenzylphthalate	BQL	330	1	8/20/2005
2-Chloronaphthalene	BQL	330	1	8/20/2005
2-Chlorophenol	BQL	330	1	8/20/2005
4-Chloro-3-methylphenol	BQL	330	1	8/20/2005
4-Chloroaniline	BQL	1650	1	8/20/2005
4-Chlorophenyl phenyl ether	BQL	330	1	8/20/2005
Chrysene	BQL	330	1	8/20/2005
Dibenzo[a,h]anthracene	BQL	330	1	8/20/2005
Dibenzofuran	BQL	330	1	8/20/2005
Di-n-Butylphthalate	BQL	330	1	8/20/2005
1,2-Dichlorobenzene	BQL	330	1	8/20/2005
1,3-Dichlorobenzene	BQL	330	1	8/20/2005
1,4-Dichlorobenzene	BQL	330	1	8/20/2005
3,3'-Dichlorobenzidine	BQL	661	1	8/20/2005
2,4-Dichlorophenol	BQL	330	1	8/20/2005
Diethylphthalate	BQL	330	1	8/20/2005
Dimethylphthalate	BQL	330	1	8/20/2005
2,4-Dimethylphenol	BQL	330	1	8/20/2005
Di-n-octylphthalate	BQL	330	1	8/20/2005
4,6-Dinitro-2-methylphenol	BQL	1650	1	8/20/2005
2,4-Dinitrophenol	BQL	1650	1	8/20/2005
2,4-Dinitrotoluene	BQL	330	1	8/20/2005
2,6-Dinitrotoluene	BQL	330	1	8/20/2005
Diphenylamine *	BQL	330	1	8/20/2005
Fluoranthene	BQL	330	1	8/20/2005
Fluorene	BQL	330	1	8/20/2005
Hexachlorobenzene	BQL	330	1	8/20/2005
Hexachlorobutadiene	BQL	330	1	8/20/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP2-13
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-2K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 9:40
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 91.3

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	661	1	8/20/2005
Hexachloroethane	BQL	330	1	8/20/2005
Indeno(1,2,3-c,d)pyrene	BQL	330	1	8/20/2005
Isophorone	BQL	330	1	8/20/2005
2-Methylnaphthalene	BQL	330	1	8/20/2005
2-Methylphenol	BQL	330	1	8/20/2005
3- & 4-Methylphenol	BQL	330	1	8/20/2005
Naphthalene	BQL	330	1	8/20/2005
2-Nitroaniline	BQL	330	1	8/20/2005
3-Nitroaniline	BQL	1650	1	8/20/2005
4-Nitroaniline	BQL	1650	1	8/20/2005
Nitrobenzene	BQL	330	1	8/20/2005
2-Nitrophenol	BQL	330	1	8/20/2005
4-Nitrophenol	BQL	1650	1	8/20/2005
N-Nitrosodi-n-propylamine	BQL	330	1	8/20/2005
Pentachlorophenol	BQL	1650	1	8/20/2005
Phenanthrene	BQL	330	1	8/20/2005
Phenol	BQL	330	1	8/20/2005
Pyrene	BQL	330	1	8/20/2005
1,2,4-Trichlorobenzene	BQL	330	1	8/20/2005
2,4,5-Trichlorophenol	BQL	330	1	8/20/2005
2,4,6-Trichlorophenol	BQL	330	1	8/20/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.8	108
2-Fluorophenol	10	10.9	109
Nitrobenzene-d5	10	10.8	108
Phenol-d6	10	10.3	103
2,4,6-Tribromophenol	10	8.5	85
4-Terphenyl-d14	10	11.3	113

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP3-08
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-3K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:00
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 91.34

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	332	1	8/20/2005
Acenaphthylene	BQL	332	1	8/20/2005
Anthracene	BQL	332	1	8/20/2005
Benzo[a]anthracene	BQL	332	1	8/20/2005
Benzo[a]pyrene	BQL	332	1	8/20/2005
Benzo[b]fluoranthene	BQL	332	1	8/20/2005
Benzo[g,h,i]perylene	BQL	332	1	8/20/2005
Benzo[k]fluoranthene	BQL	332	1	8/20/2005
Benzoic Acid	BQL	665	1	8/20/2005
Bis(2-chloroethoxy)methane	BQL	332	1	8/20/2005
Bis(2-chloroethyl)ether	BQL	332	1	8/20/2005
Bis(2-chloroisopropyl)ether	BQL	332	1	8/20/2005
Bis(2-ethylhexyl)phthalate	BQL	332	1	8/20/2005
4-bromophenyl phenyl ether	BQL	332	1	8/20/2005
Butylbenzylphthalate	BQL	332	1	8/20/2005
2-Chloronaphthalene	BQL	332	1	8/20/2005
2-Chlorophenol	BQL	332	1	8/20/2005
4-Chloro-3-methylphenol	BQL	332	1	8/20/2005
4-Chloroaniline	BQL	1660	1	8/20/2005
4-Chlorophenyl phenyl ether	BQL	332	1	8/20/2005
Chrysene	BQL	332	1	8/20/2005
Dibenzo[a,h]anthracene	BQL	332	1	8/20/2005
Dibenzofuran	BQL	332	1	8/20/2005
Di-n-Butylphthalate	BQL	332	1	8/20/2005
1,2-Dichlorobenzene	BQL	332	1	8/20/2005
1,3-Dichlorobenzene	BQL	332	1	8/20/2005
1,4-Dichlorobenzene	BQL	332	1	8/20/2005
3,3'-Dichlorobenzidine	BQL	665	1	8/20/2005
2,4-Dichlorophenol	BQL	332	1	8/20/2005
Diethylphthalate	BQL	332	1	8/20/2005
Dimethylphthalate	BQL	332	1	8/20/2005
2,4-Dimethylphenol	BQL	332	1	8/20/2005
Di-n-octylphthalate	BQL	332	1	8/20/2005
4,6-Dinitro-2-methylphenol	BQL	1660	1	8/20/2005
2,4-Dinitrophenol	BQL	1660	1	8/20/2005
2,4-Dinitrotoluene	BQL	332	1	8/20/2005
2,6-Dinitrotoluene	BQL	332	1	8/20/2005
Diphenylamine *	BQL	332	1	8/20/2005
Fluoranthene	BQL	332	1	8/20/2005
Fluorene	BQL	332	1	8/20/2005
Hexachlorobenzene	BQL	332	1	8/20/2005
Hexachlorobutadiene	BQL	332	1	8/20/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP3-08
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-3K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:00
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 91.34

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	665	1	8/20/2005
Hexachloroethane	BQL	332	1	8/20/2005
Indeno(1,2,3-c,d)pyrene	BQL	332	1	8/20/2005
Isophorone	BQL	332	1	8/20/2005
2-Methylnaphthalene	BQL	332	1	8/20/2005
2-Methylphenol	BQL	332	1	8/20/2005
3- & 4-Methylphenol	BQL	332	1	8/20/2005
Naphthalene	BQL	332	1	8/20/2005
2-Nitroaniline	BQL	332	1	8/20/2005
3-Nitroaniline	BQL	1660	1	8/20/2005
4-Nitroaniline	BQL	1660	1	8/20/2005
Nitrobenzene	BQL	332	1	8/20/2005
2-Nitrophenol	BQL	332	1	8/20/2005
4-Nitrophenol	BQL	1660	1	8/20/2005
N-Nitrosodi-n-propylamine	BQL	332	1	8/20/2005
Pentachlorophenol	BQL	1660	1	8/20/2005
Phenanthrene	BQL	332	1	8/20/2005
Phenol	BQL	332	1	8/20/2005
Pyrene	BQL	332	1	8/20/2005
1,2,4-Trichlorobenzene	BQL	332	1	8/20/2005
2,4,5-Trichlorophenol	BQL	332	1	8/20/2005
2,4,6-Trichlorophenol	BQL	332	1	8/20/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.8	108
2-Fluorophenol	10	9.7	97
Nitrobenzene-d5	10	10.3	103
Phenol-d6	10	9.5	95
2,4,6-Tribromophenol	10	8.2	82
4-Terphenyl-d14	10	12.8	128

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP4-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-4K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:15
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 78.39

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	398	1	8/20/2005
Acenaphthylene	BQL	398	1	8/20/2005
Anthracene	BQL	398	1	8/20/2005
Benzo[a]anthracene	BQL	398	1	8/20/2005
Benzo[a]pyrene	BQL	398	1	8/20/2005
Benzo[b]fluoranthene	BQL	398	1	8/20/2005
Benzo[g,h,i]perylene	BQL	398	1	8/20/2005
Benzo[k]fluoranthene	BQL	398	1	8/20/2005
Benzoic Acid	BQL	796	1	8/20/2005
Bis(2-chloroethoxy)methane	BQL	398	1	8/20/2005
Bis(2-chloroethyl)ether	BQL	398	1	8/20/2005
Bis(2-chloroisopropyl)ether	BQL	398	1	8/20/2005
Bis(2-ethylhexyl)phthalate	BQL	398	1	8/20/2005
4-bromophenyl phenyl ether	BQL	398	1	8/20/2005
Butylbenzylphthalate	BQL	398	1	8/20/2005
2-Chloronaphthalene	BQL	398	1	8/20/2005
2-Chlorophenol	BQL	398	1	8/20/2005
4-Chloro-3-methylphenol	BQL	398	1	8/20/2005
4-Chloroaniline	BQL	1990	1	8/20/2005
4-Chlorophenyl phenyl ether	BQL	398	1	8/20/2005
Chrysene	BQL	398	1	8/20/2005
Dibenzo[a,h]anthracene	BQL	398	1	8/20/2005
Dibenzofuran	BQL	398	1	8/20/2005
Di-n-Butylphthalate	BQL	398	1	8/20/2005
1,2-Dichlorobenzene	BQL	398	1	8/20/2005
1,3-Dichlorobenzene	BQL	398	1	8/20/2005
1,4-Dichlorobenzene	BQL	398	1	8/20/2005
3,3'-Dichlorobenzidine	BQL	796	1	8/20/2005
2,4-Dichlorophenol	BQL	398	1	8/20/2005
Diethylphthalate	BQL	398	1	8/20/2005
Dimethylphthalate	BQL	398	1	8/20/2005
2,4-Dimethylphenol	BQL	398	1	8/20/2005
Di-n-octylphthalate	BQL	398	1	8/20/2005
4,6-Dinitro-2-methylphenol	BQL	1990	1	8/20/2005
2,4-Dinitrophenol	BQL	1990	1	8/20/2005
2,4-Dinitrotoluene	BQL	398	1	8/20/2005
2,6-Dinitrotoluene	BQL	398	1	8/20/2005
Diphenylamine *	BQL	398	1	8/20/2005
Fluoranthene	BQL	398	1	8/20/2005
Fluorene	BQL	398	1	8/20/2005
Hexachlorobenzene	BQL	398	1	8/20/2005
Hexachlorobutadiene	BQL	398	1	8/20/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP4-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-4K
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:15
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 78.39

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	796	1	8/20/2005
Hexachloroethane	BQL	398	1	8/20/2005
Indeno(1,2,3-c,d)pyrene	BQL	398	1	8/20/2005
Isophorone	BQL	398	1	8/20/2005
2-Methylnaphthalene	BQL	398	1	8/20/2005
2-Methylphenol	BQL	398	1	8/20/2005
3- & 4-Methylphenol	BQL	398	1	8/20/2005
Naphthalene	BQL	398	1	8/20/2005
2-Nitroaniline	BQL	398	1	8/20/2005
3-Nitroaniline	BQL	1990	1	8/20/2005
4-Nitroaniline	BQL	1990	1	8/20/2005
Nitrobenzene	BQL	398	1	8/20/2005
2-Nitrophenol	BQL	398	1	8/20/2005
4-Nitrophenol	BQL	1990	1	8/20/2005
N-Nitrosodi-n-propylamine	BQL	398	1	8/20/2005
Pentachlorophenol	BQL	1990	1	8/20/2005
Phenanthrene	BQL	398	1	8/20/2005
Phenol	BQL	398	1	8/20/2005
Pyrene	BQL	398	1	8/20/2005
1,2,4-Trichlorobenzene	BQL	398	1	8/20/2005
2,4,5-Trichlorophenol	BQL	398	1	8/20/2005
2,4,6-Trichlorophenol	BQL	398	1	8/20/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10	100
2-Fluorophenol	10	10.2	102
Nitrobenzene-d5	10	10.4	104
Phenol-d6	10	10	99
2,4,6-Tribromophenol	10	7.9	79
4-Terphenyl-d14	10	13.4	134

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: EW

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP5-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-5M
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:45
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 84.29

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	370	1	8/20/2005
Acenaphthylene	BQL	370	1	8/20/2005
Anthracene	BQL	370	1	8/20/2005
Benzo[a]anthracene	BQL	370	1	8/20/2005
Benzo[a]pyrene	BQL	370	1	8/20/2005
Benzo[b]fluoranthene	BQL	370	1	8/20/2005
Benzo[g,h,i]perylene	BQL	370	1	8/20/2005
Benzo[k]fluoranthene	BQL	370	1	8/20/2005
Benzoic Acid	BQL	741	1	8/20/2005
Bis(2-chloroethoxy)methane	BQL	370	1	8/20/2005
Bis(2-chloroethyl)ether	BQL	370	1	8/20/2005
Bis(2-chloroisopropyl)ether	BQL	370	1	8/20/2005
Bis(2-ethylhexyl)phthalate	BQL	370	1	8/20/2005
4-bromophenyl phenyl ether	BQL	370	1	8/20/2005
Butylbenzylphthalate	BQL	370	1	8/20/2005
2-Chloronaphthalene	BQL	370	1	8/20/2005
2-Chlorophenol	BQL	370	1	8/20/2005
4-Chloro-3-methylphenol	BQL	370	1	8/20/2005
4-Chloroaniline	BQL	1850	1	8/20/2005
4-Chlorophenyl phenyl ether	BQL	370	1	8/20/2005
Chrysene	BQL	370	1	8/20/2005
Dibenzo[a,h]anthracene	BQL	370	1	8/20/2005
Dibenzofuran	BQL	370	1	8/20/2005
Di-n-Butylphthalate	BQL	370	1	8/20/2005
1,2-Dichlorobenzene	BQL	370	1	8/20/2005
1,3-Dichlorobenzene	BQL	370	1	8/20/2005
1,4-Dichlorobenzene	BQL	370	1	8/20/2005
3,3'-Dichlorobenzidine	BQL	741	1	8/20/2005
2,4-Dichlorophenol	BQL	370	1	8/20/2005
Diethylphthalate	BQL	370	1	8/20/2005
Dimethylphthalate	BQL	370	1	8/20/2005
2,4-Dimethylphenol	BQL	370	1	8/20/2005
Di-n-octylphthalate	BQL	370	1	8/20/2005
4,6-Dinitro-2-methylphenol	BQL	1850	1	8/20/2005
2,4-Dinitrophenol	BQL	1850	1	8/20/2005
2,4-Dinitrotoluene	BQL	370	1	8/20/2005
2,6-Dinitrotoluene	BQL	370	1	8/20/2005
Diphenylamine *	BQL	370	1	8/20/2005
Fluoranthene	BQL	370	1	8/20/2005
Fluorene	BQL	370	1	8/20/2005
Hexachlorobenzene	BQL	370	1	8/20/2005
Hexachlorobutadiene	BQL	370	1	8/20/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP5-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-533-5M
Lab Project ID: G106-533
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/10/2005 10:45
Date Received: 8/10/2005
Date Extracted: 1/0/1900
Matrix: Soil
% Solids: 84.29

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	741	1	8/20/2005
Hexachloroethane	BQL	370	1	8/20/2005
Indeno(1,2,3-c,d)pyrene	BQL	370	1	8/20/2005
Isophorone	BQL	370	1	8/20/2005
2-Methylnaphthalene	BQL	370	1	8/20/2005
2-Methylphenol	BQL	370	1	8/20/2005
3- & 4-Methylphenol	BQL	370	1	8/20/2005
Naphthalene	BQL	370	1	8/20/2005
2-Nitroaniline	BQL	370	1	8/20/2005
3-Nitroaniline	BQL	1850	1	8/20/2005
4-Nitroaniline	BQL	1850	1	8/20/2005
Nitrobenzene	BQL	370	1	8/20/2005
2-Nitrophenol	BQL	370	1	8/20/2005
4-Nitrophenol	BQL	1850	1	8/20/2005
N-Nitrosodi-n-propylamine	BQL	370	1	8/20/2005
Pentachlorophenol	BQL	1850	1	8/20/2005
Phenanthrene	BQL	370	1	8/20/2005
Phenol	BQL	370	1	8/20/2005
Pyrene	BQL	370	1	8/20/2005
1,2,4-Trichlorobenzene	BQL	370	1	8/20/2005
2,4,5-Trichlorophenol	BQL	370	1	8/20/2005
2,4,6-Trichlorophenol	BQL	370	1	8/20/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.7	97
2-Fluorophenol	10	10.2	102
Nitrobenzene-d5	10	9.8	98
Phenol-d6	10	9.7	97
2,4,6-Tribromophenol	10	7.5	75
4-Terphenyl-d14	10	12.6	126

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Pesticides
by EPA 8081

Client Sample ID: P8GP2-13	Analyzed By: CLP
Client Project ID: Parcel 8 Tip#U-2826A	Date Collected: 8/10/05 9:40
Lab Sample ID: G106-533-2J	Date Received: 8/10/05
Lab Project ID: G106-533	Date Extracted: 1/0/00
Sample Wt/Vol: 33.60 g	ColumnID: STX_CLPest
Report Basis: Dry Weight	Matrix: Soil
	% Solids: 91.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
alpha-BHC	BQL	16.3	1	8/19/05
beta-BHC	BQL	16.3	1	8/19/05
delta-BHC	BQL	16.3	1	8/19/05
gamma-BHC (Lindane)	BQL	16.3	1	8/19/05
Heptachlor	BQL	16.3	1	8/19/05
Aldrin	BQL	16.3	1	8/19/05
Heptachlor epoxide	BQL	16.3	1	8/19/05
Endosulfan I	BQL	16.3	1	8/19/05
Dieldrin	BQL	16.3	1	8/19/05
4,4'-DDE	BQL	16.3	1	8/19/05
Endrin	BQL	16.3	1	8/19/05
DDD	BQL	16.3	1	8/19/05
Endosulfan II	BQL	16.3	1	8/19/05
4,4'-DDT	BQL	16.3	1	8/19/05
Methoxychlor	BQL	16.3	1	8/19/05
Toxaphene	BQL	16.3	1	8/19/05
alpha-Chlordane	BQL	16.3	1	8/19/05
gamma-Chlordane	BQL	16.3	1	8/19/05
Endrin aldehyde	BQL	16.3	1	8/19/05
Endosulfan sulfate	BQL	16.3	1	8/19/05
Endrin ketone	BQL	16.3	1	8/19/05

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	113	113

Comments:
BQL = Below Quantitation Limit

Reviewed By: RNP

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Pesticides
by EPA 8081

Client Sample ID: P8GP5-20 Analyzed By: CLP
 Client Project ID: Parcel 8 Tip#U-2826A Date Collected: 8/10/05 10:45
 Lab Sample ID: G106-533-5J Date Received: 8/10/05
 Lab Project ID: G106-533 Date Extracted: 1/0/00
 Sample Wt/Vol: 33.62 g ColumnID: STX_CLPest Matrix: Soil
 Report Basis: Dry Weight % Solids: 84.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
alpha-BHC	BQL	17.6	1	8/20/05
beta-BHC	BQL	17.6	1	8/20/05
delta-BHC	BQL	17.6	1	8/20/05
gamma-BHC (Lindane)	BQL	17.6	1	8/20/05
Heptachlor	BQL	17.6	1	8/20/05
Aldrin	BQL	17.6	1	8/20/05
Heptachlor epoxide	BQL	17.6	1	8/20/05
Endosulfan I	BQL	17.6	1	8/20/05
Dieldrin	BQL	17.6	1	8/20/05
4,4'-DDE	BQL	17.6	1	8/20/05
Endrin	BQL	17.6	1	8/20/05
DDD	BQL	17.6	1	8/20/05
Endosulfan II	BQL	17.6	1	8/20/05
4,4'-DDT	BQL	17.6	1	8/20/05
Methoxychlor	BQL	17.6	1	8/20/05
Toxaphene	BQL	17.6	1	8/20/05
alpha-Chlordane	BQL	17.6	1	8/20/05
gamma-Chlordane	BQL	17.6	1	8/20/05
Endrin aldehyde	BQL	17.6	1	8/20/05
Endosulfan sulfate	BQL	17.6	1	8/20/05
Endrin ketone	BQL	17.6	1	8/20/05

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	113	113

Comments:
BQL = Below Quantitation Limit

Reviewed By: CLP

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P8GP1-20
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-533-1
 Lab Project ID: G106-533
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/10/2005 09:00
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids: 83.45

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	3.03	1.13	1	MG/KG	6010B	8/25/2005
Barium	BQL	11.3	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.13	1	MG/KG	6010B	8/25/2005
Chromium	BQL	1.13	1	MG/KG	6010B	8/25/2005
Lead	12.1	1.13	1	MG/KG	6010B	8/25/2005
Mercury	0.0253	0.0224	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.26	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.13	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: 
 MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P8GP2-13
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-533-2
 Lab Project ID: G106-533
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/10/2005 09:40
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 91.30

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	BQL	1.01	1	MG/KG	6010B	8/25/2005
Barium	BQL	10.1	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.01	1	MG/KG	6010B	8/25/2005
Chromium	BQL	1.01	1	MG/KG	6010B	8/25/2005
Lead	12.7	1.01	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0217	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.03	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.01	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By:
 MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P8GP3-08
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-533-3
 Lab Project ID: G106-533
 Batch ID: 3533 3515
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/10/2005 10:00
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 91.34

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	7.30	0.995	1	MG/KG	6010B	8/25/2005
Barium	63.1	9.95	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	0.995	1	MG/KG	6010B	8/25/2005
Chromium	BQL	0.995	1	MG/KG	6010B	8/25/2005
Lead	342	0.995	1	MG/KG	6010B	8/25/2005
Mercury	0.0237	0.0205	1	MG/KG	7471	8/29/2005
Selenium	BQL	1.99	1	MG/KG	6010B	8/25/2005
Silver	BQL	0.995	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P8GP4-20
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-533-4
 Lab Project ID: G106-533
 Batch ID: 3533 3516
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/10/2005 10:15
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 78.39

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	1.97	1.16	1	MG/KG	6010B	8/25/2005
Barium	42.2	11.6	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.16	1	MG/KG	6010B	8/25/2005
Chromium	3.56	1.16	1	MG/KG	6010B	8/25/2005
Lead	46.0	1.16	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0241	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.32	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.16	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Metals

Client Sample ID: P8GP5-20
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-533-5
 Lab Project ID: G106-533
 Batch ID: 3533 3516
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 8/10/2005 10:45
 Date Received: 8/10/2005
 Matrix: SOIL
 Solids 84.29

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	1.68	1.08	1	MG/KG	6010B	8/25/2005
Barium	BQL	10.8	1	MG/KG	6010B	8/25/2005
Cadmium	BQL	1.08	1	MG/KG	6010B	8/25/2005
Chromium	1.68	1.08	1	MG/KG	6010B	8/25/2005
Lead	16.3	1.08	1	MG/KG	6010B	8/25/2005
Mercury	BQL	0.0218	1	MG/KG	7471	8/29/2005
Selenium	BQL	2.16	1	MG/KG	6010B	8/25/2005
Silver	BQL	1.08	1	MG/KG	6010B	8/25/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: PSW
 MET_LIMS_3.3

List of Reporting Abbreviations
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-551

Client Project: NCDOT-Forsyth Tip #U-2826A

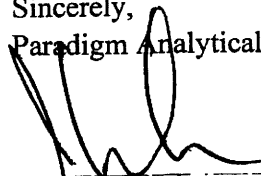
Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.


Laboratory Director
J. Patrick Weaver

9/16/05
Date

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P6GPDEL

Analyzed By: DCS

Client Project ID: NCDOT-Forsyth Tip #U-2826A

Date Collected: 9/8/05 12:30

Lab Sample ID: G106-551-5

Date Received: 9/10/05

Lab Project ID: G106-551


Matrix: Soil

Report Basis: Dry Weight

Solids 77.11

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.84	5035	1	09/12/05
Diesel Range Organics	BQL	7.95	3545	1	09/14/05

Comments:

Reviewed By: 
TPH_LIMS_v1.62.XLS
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PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP11-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-1A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 10:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 74.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	74.0	1	9/13/05
Benzene	BQL	7.40	1	9/13/05
Bromobenzene	BQL	7.40	1	9/13/05
Bromochloromethane	BQL	7.40	1	9/13/05
Bromodichloromethane	BQL	7.40	1	9/13/05
Bromoform	BQL	7.40	1	9/13/05
Bromomethane	BQL	7.40	1	9/13/05
2-Butanone	BQL	37.0	1	9/13/05
n-Butylbenzene	BQL	7.40	1	9/13/05
sec-Butylbenzene	BQL	7.40	1	9/13/05
tert-Butylbenzene	BQL	7.40	1	9/13/05
Carbon disulfide	BQL	7.40	1	9/13/05
Carbon tetrachloride	BQL	7.40	1	9/13/05
Chlorobenzene	BQL	7.40	1	9/13/05
Chloroethane	BQL	7.40	1	9/13/05
Chloroform	BQL	7.40	1	9/13/05
Chloromethane	BQL	7.40	1	9/13/05
2-Chlorotoluene	BQL	7.40	1	9/13/05
4-Chlorotoluene	BQL	7.40	1	9/13/05
Dibromochloromethane	BQL	7.40	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	7.40	1	9/13/05
Dibromomethane	BQL	7.40	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	7.40	1	9/13/05
1,2-Dichlorobenzene	BQL	7.40	1	9/13/05
1,3-Dichlorobenzene	BQL	7.40	1	9/13/05
1,4-Dichlorobenzene	BQL	7.40	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	7.40	1	9/13/05
1,1-Dichloroethane	BQL	7.40	1	9/13/05
1,1-Dichloroethene	BQL	7.40	1	9/13/05
1,2-Dichloroethane	BQL	7.40	1	9/13/05
cis-1,2-Dichloroethene	BQL	7.40	1	9/13/05
trans-1,2-dichloroethene	BQL	7.40	1	9/13/05
1,2-Dichloropropane	BQL	7.40	1	9/13/05
1,3-Dichloropropane	BQL	7.40	1	9/13/05
2,2-Dichloropropane	BQL	7.40	1	9/13/05
1,1-Dichloropropene	BQL	7.40	1	9/13/05
cis-1,3-Dichloropropene	BQL	7.40	1	9/13/05
trans-1,3-Dichloropropene	BQL	7.40	1	9/13/05
Dichlorodifluoromethane	BQL	7.40	1	9/13/05
Diisopropyl ether (DIPE)	BQL	7.40	1	9/13/05
Ethylbenzene	BQL	7.40	1	9/13/05
Hexachlorobutadiene	BQL	7.40	1	9/13/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP11-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-1A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 10:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 74.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	7.40	1	9/13/05
Iodomethane	BQL	7.40	1	9/13/05
Isopropylbenzene	BQL	7.40	1	9/13/05
4-Isopropyltoluene	BQL	7.40	1	9/13/05
Methylene chloride	BQL	29.6	1	9/13/05
4-Methyl-2-pentanone	BQL	7.40	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	7.40	1	9/13/05
Naphthalene	BQL	7.40	1	9/13/05
n-Propyl benzene	BQL	7.40	1	9/13/05
Styrene	BQL	7.40	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	7.40	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	7.40	1	9/13/05
Tetrachloroethene	9.19	7.40	1	9/13/05
Toluene	BQL	7.40	1	9/13/05
1,2,3-Trichlorobenzene	BQL	7.40	1	9/13/05
1,2,4-Trichlorobenzene	BQL	7.40	1	9/13/05
Trichloroethene	BQL	7.40	1	9/13/05
1,1,1-Trichloroethane	BQL	7.40	1	9/13/05
1,1,2-Trichloroethane	BQL	7.40	1	9/13/05
Trichlorofluoromethane	BQL	7.40	1	9/13/05
1,2,3-Trichloropropane	BQL	7.40	1	9/13/05
1,2,4-Trimethylbenzene	BQL	7.40	1	9/13/05
1,3,5-Trimethylbenzene	BQL	7.40	1	9/13/05
Vinyl chloride	BQL	7.40	1	9/13/05
m-,p-Xylene	BQL	14.8	1	9/13/05
o-Xylene	BQL	7.40	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	44.3	89
1,2-Dichloroethane-d4	50	64.3	129
Toluene-d8	50	51.7	104

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP12-5
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-2A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 10:45
Date Received: 9/10/05
Matrix: Soil
%Solids: 82.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	79.1	1	9/13/05
Benzene	BQL	7.91	1	9/13/05
Bromobenzene	BQL	7.91	1	9/13/05
Bromochloromethane	BQL	7.91	1	9/13/05
Bromodichloromethane	BQL	7.91	1	9/13/05
Bromoform	BQL	7.91	1	9/13/05
Bromomethane	BQL	7.91	1	9/13/05
2-Butanone	BQL	39.6	1	9/13/05
n-Butylbenzene	BQL	7.91	1	9/13/05
sec-Butylbenzene	BQL	7.91	1	9/13/05
tert-Butylbenzene	BQL	7.91	1	9/13/05
Carbon disulfide	BQL	7.91	1	9/13/05
Carbon tetrachloride	BQL	7.91	1	9/13/05
Chlorobenzene	BQL	7.91	1	9/13/05
Chloroethane	BQL	7.91	1	9/13/05
Chloroform	BQL	7.91	1	9/13/05
Chloromethane	BQL	7.91	1	9/13/05
2-Chlorotoluene	BQL	7.91	1	9/13/05
4-Chlorotoluene	BQL	7.91	1	9/13/05
Dibromochloromethane	BQL	7.91	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	7.91	1	9/13/05
Dibromomethane	BQL	7.91	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	7.91	1	9/13/05
1,2-Dichlorobenzene	BQL	7.91	1	9/13/05
1,3-Dichlorobenzene	BQL	7.91	1	9/13/05
1,4-Dichlorobenzene	BQL	7.91	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	7.91	1	9/13/05
1,1-Dichloroethane	BQL	7.91	1	9/13/05
1,1-Dichloroethene	BQL	7.91	1	9/13/05
1,2-Dichloroethane	BQL	7.91	1	9/13/05
cis-1,2-Dichloroethene	BQL	7.91	1	9/13/05
trans-1,2-dichloroethene	BQL	7.91	1	9/13/05
1,2-Dichloropropane	BQL	7.91	1	9/13/05
1,3-Dichloropropane	BQL	7.91	1	9/13/05
2,2-Dichloropropane	BQL	7.91	1	9/13/05
1,1-Dichloropropene	BQL	7.91	1	9/13/05
cis-1,3-Dichloropropene	BQL	7.91	1	9/13/05
trans-1,3-Dichloropropene	BQL	7.91	1	9/13/05
Dichlorodifluoromethane	BQL	7.91	1	9/13/05
Diisopropyl ether (DIPE)	BQL	7.91	1	9/13/05
Ethylbenzene	BQL	7.91	1	9/13/05
Hexachlorobutadiene	BQL	7.91	1	9/13/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP12-5
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-2A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 10:45
Date Received: 9/10/05
Matrix: Soil
%Solids: 82.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	7.91	1	9/13/05
Iodomethane	BQL	7.91	1	9/13/05
Isopropylbenzene	BQL	7.91	1	9/13/05
4-Isopropyltoluene	BQL	7.91	1	9/13/05
Methylene chloride	BQL	31.7	1	9/13/05
4-Methyl-2-pentanone	BQL	7.91	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	7.91	1	9/13/05
Naphthalene	BQL	7.91	1	9/13/05
n-Propyl benzene	BQL	7.91	1	9/13/05
Styrene	BQL	7.91	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	7.91	1	9/13/05
1,1,1,2,2-Tetrachloroethane	BQL	7.91	1	9/13/05
Tetrachloroethene	BQL	7.91	1	9/13/05
Toluene	BQL	7.91	1	9/13/05
1,2,3-Trichlorobenzene	BQL	7.91	1	9/13/05
1,2,4-Trichlorobenzene	BQL	7.91	1	9/13/05
Trichloroethene	BQL	7.91	1	9/13/05
1,1,1-Trichloroethane	BQL	7.91	1	9/13/05
1,1,2-Trichloroethane	BQL	7.91	1	9/13/05
Trichlorofluoromethane	BQL	7.91	1	9/13/05
1,2,3-Trichloropropane	BQL	7.91	1	9/13/05
1,2,4-Trimethylbenzene	BQL	7.91	1	9/13/05
1,3,5-Trimethylbenzene	BQL	7.91	1	9/13/05
Vinyl chloride	BQL	7.91	1	9/13/05
m-,p-Xylene	BQL	15.8	1	9/13/05
o-Xylene	BQL	7.91	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	42.4	85
1,2-Dichloroethane-d4	50	62.2	124
Toluene-d8	50	52.7	105

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: mc

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP13-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-3A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 11:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 86.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	72.7	1	9/13/05
Benzene	BQL	7.27	1	9/13/05
Bromobenzene	BQL	7.27	1	9/13/05
Bromochloromethane	BQL	7.27	1	9/13/05
Bromodichloromethane	BQL	7.27	1	9/13/05
Bromoform	BQL	7.27	1	9/13/05
Bromomethane	BQL	7.27	1	9/13/05
2-Butanone	BQL	36.4	1	9/13/05
n-Butylbenzene	BQL	7.27	1	9/13/05
sec-Butylbenzene	BQL	7.27	1	9/13/05
tert-Butylbenzene	BQL	7.27	1	9/13/05
Carbon disulfide	BQL	7.27	1	9/13/05
Carbon tetrachloride	BQL	7.27	1	9/13/05
Chlorobenzene	BQL	7.27	1	9/13/05
Chloroethane	BQL	7.27	1	9/13/05
Chloroform	BQL	7.27	1	9/13/05
Chloromethane	BQL	7.27	1	9/13/05
2-Chlorotoluene	BQL	7.27	1	9/13/05
4-Chlorotoluene	BQL	7.27	1	9/13/05
Dibromochloromethane	BQL	7.27	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	7.27	1	9/13/05
Dibromomethane	BQL	7.27	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	7.27	1	9/13/05
1,2-Dichlorobenzene	BQL	7.27	1	9/13/05
1,3-Dichlorobenzene	BQL	7.27	1	9/13/05
1,4-Dichlorobenzene	BQL	7.27	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	7.27	1	9/13/05
1,1-Dichloroethane	BQL	7.27	1	9/13/05
1,1-Dichloroethene	BQL	7.27	1	9/13/05
1,2-Dichloroethane	BQL	7.27	1	9/13/05
cis-1,2-Dichloroethene	BQL	7.27	1	9/13/05
trans-1,2-dichloroethene	BQL	7.27	1	9/13/05
1,2-Dichloropropane	BQL	7.27	1	9/13/05
1,3-Dichloropropane	BQL	7.27	1	9/13/05
2,2-Dichloropropane	BQL	7.27	1	9/13/05
1,1-Dichloropropene	BQL	7.27	1	9/13/05
cis-1,3-Dichloropropene	BQL	7.27	1	9/13/05
trans-1,3-Dichloropropene	BQL	7.27	1	9/13/05
Dichlorodifluoromethane	BQL	7.27	1	9/13/05
Diisopropyl ether (DIPE)	BQL	7.27	1	9/13/05
Ethylbenzene	BQL	7.27	1	9/13/05
Hexachlorobutadiene	BQL	7.27	1	9/13/05

**Results for Volatiles
by GCMS 8260-5035**

Client Sample ID: P8GP13-8
 Client Project ID: NCDOT-Forsyth Tip #U-2826A
 Lab Sample ID G106-551-3A
 Lab Project ID: G106-551
 Report Basis: Dry Weight

Analyzed By: JTF
 Date Collected: 09-07-2005 11:15
 Date Received: 9/10/05
 Matrix: Soil
 %Solids: 86.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	7.27	1	9/13/05
Iodomethane	BQL	7.27	1	9/13/05
Isopropylbenzene	BQL	7.27	1	9/13/05
4-Isopropyltoluene	BQL	7.27	1	9/13/05
Methylene chloride	BQL	29.1	1	9/13/05
4-Methyl-2-pentanone	BQL	7.27	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	7.27	1	9/13/05
Naphthalene	BQL	7.27	1	9/13/05
n-Propyl benzene	BQL	7.27	1	9/13/05
Styrene	BQL	7.27	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	7.27	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	7.27	1	9/13/05
Tetrachloroethene	BQL	7.27	1	9/13/05
Toluene	BQL	7.27	1	9/13/05
1,2,3-Trichlorobenzene	BQL	7.27	1	9/13/05
1,2,4-Trichlorobenzene	BQL	7.27	1	9/13/05
Trichloroethene	BQL	7.27	1	9/13/05
1,1,1-Trichloroethane	BQL	7.27	1	9/13/05
1,1,2-Trichloroethane	BQL	7.27	1	9/13/05
Trichlorofluoromethane	BQL	7.27	1	9/13/05
1,2,3-Trichloropropane	BQL	7.27	1	9/13/05
1,2,4-Trimethylbenzene	BQL	7.27	1	9/13/05
1,3,5-Trimethylbenzene	BQL	7.27	1	9/13/05
Vinyl chloride	BQL	7.27	1	9/13/05
m-,p-Xylene	BQL	14.5	1	9/13/05
o-Xylene	BQL	7.27	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	43.3	87
1,2-Dichloroethane-d4	50	62	124
Toluene-d8	50	51.7	103

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP22-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID G106-551-4A
Lab Project ID: G106-551
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-07-2005 12:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 88.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	54.0	1	9/13/05
Benzene	BQL	5.40	1	9/13/05
Bromobenzene	BQL	5.40	1	9/13/05
Bromochloromethane	BQL	5.40	1	9/13/05
Bromodichloromethane	BQL	5.40	1	9/13/05
Bromoform	BQL	5.40	1	9/13/05
Bromomethane	BQL	5.40	1	9/13/05
2-Butanone	BQL	27.0	1	9/13/05
n-Butylbenzene	BQL	5.40	1	9/13/05
sec-Butylbenzene	BQL	5.40	1	9/13/05
tert-Butylbenzene	BQL	5.40	1	9/13/05
Carbon disulfide	BQL	5.40	1	9/13/05
Carbon tetrachloride	BQL	5.40	1	9/13/05
Chlorobenzene	BQL	5.40	1	9/13/05
Chloroethane	BQL	5.40	1	9/13/05
Chloroform	BQL	5.40	1	9/13/05
Chloromethane	BQL	5.40	1	9/13/05
2-Chlorotoluene	BQL	5.40	1	9/13/05
4-Chlorotoluene	BQL	5.40	1	9/13/05
Dibromochloromethane	BQL	5.40	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	5.40	1	9/13/05
Dibromomethane	BQL	5.40	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	5.40	1	9/13/05
1,2-Dichlorobenzene	BQL	5.40	1	9/13/05
1,3-Dichlorobenzene	BQL	5.40	1	9/13/05
1,4-Dichlorobenzene	BQL	5.40	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	5.40	1	9/13/05
1,1-Dichloroethane	BQL	5.40	1	9/13/05
1,1-Dichloroethene	BQL	5.40	1	9/13/05
1,2-Dichloroethane	BQL	5.40	1	9/13/05
cis-1,2-Dichloroethene	BQL	5.40	1	9/13/05
trans-1,2-dichloroethene	BQL	5.40	1	9/13/05
1,2-Dichloropropane	BQL	5.40	1	9/13/05
1,3-Dichloropropane	BQL	5.40	1	9/13/05
2,2-Dichloropropane	BQL	5.40	1	9/13/05
1,1-Dichloropropene	BQL	5.40	1	9/13/05
cis-1,3-Dichloropropene	BQL	5.40	1	9/13/05
trans-1,3-Dichloropropene	BQL	5.40	1	9/13/05
Dichlorodifluoromethane	BQL	5.40	1	9/13/05
Diisopropyl ether (DIPE)	BQL	5.40	1	9/13/05
Ethylbenzene	BQL	5.40	1	9/13/05
Hexachlorobutadiene	BQL	5.40	1	9/13/05

PARADIGM ANALYTICAL LABORATORIES, INC.

**Results for Volatiles
by GCMS 8260-5035**

Client Sample ID: P8GP22-8
 Client Project ID: NCDOT-Forsyth Tip #U-2826A
 Lab Sample ID G106-551-4A
 Lab Project ID: G106-551
 Report Basis: Dry Weight

Analyzed By: JTF
 Date Collected: 09-07-2005 12:00
 Date Received: 9/10/05
 Matrix: Soil
 %Solids: 88.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.40	1	9/13/05
Iodomethane	BQL	5.40	1	9/13/05
Isopropylbenzene	BQL	5.40	1	9/13/05
4-Isopropyltoluene	BQL	5.40	1	9/13/05
Methylene chloride	BQL	21.6	1	9/13/05
4-Methyl-2-pentanone	BQL	5.40	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	5.40	1	9/13/05
Naphthalene	BQL	5.40	1	9/13/05
n-Propyl benzene	BQL	5.40	1	9/13/05
Styrene	BQL	5.40	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	5.40	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	5.40	1	9/13/05
Tetrachloroethene	BQL	5.40	1	9/13/05
Toluene	BQL	5.40	1	9/13/05
1,2,3-Trichlorobenzene	BQL	5.40	1	9/13/05
1,2,4-Trichlorobenzene	BQL	5.40	1	9/13/05
Trichloroethene	BQL	5.40	1	9/13/05
1,1,1-Trichloroethane	BQL	5.40	1	9/13/05
1,1,2-Trichloroethane	BQL	5.40	1	9/13/05
Trichlorofluoromethane	BQL	5.40	1	9/13/05
1,2,3-Trichloropropane	BQL	5.40	1	9/13/05
1,2,4-Trimethylbenzene	BQL	5.40	1	9/13/05
1,3,5-Trimethylbenzene	BQL	5.40	1	9/13/05
Vinyl chloride	BQL	5.40	1	9/13/05
m-,p-Xylene	BQL	10.8	1	9/13/05
o-Xylene	BQL	5.40	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	44.3	89
1,2-Dichloroethane-d4	50	61.8	124
Toluene-d8	50	50.4	101

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP11-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-1H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 10:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 73.95

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	413	1	9/14/2005
Acenaphthylene	BQL	413	1	9/14/2005
Anthracene	BQL	413	1	9/14/2005
Benzo[a]anthracene	BQL	413	1	9/14/2005
Benzo[a]pyrene	BQL	413	1	9/14/2005
Benzo[b]fluoranthene	BQL	413	1	9/14/2005
Benzo[g,h,i]perylene	BQL	413	1	9/14/2005
Benzo[k]fluoranthene	BQL	413	1	9/14/2005
Benzoic Acid	BQL	826	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	413	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	413	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	413	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	413	1	9/14/2005
4-bromophenyl phenyl ether	BQL	413	1	9/14/2005
Butylbenzylphthalate	BQL	413	1	9/14/2005
2-Chloronaphthalene	BQL	413	1	9/14/2005
2-Chlorophenol	BQL	413	1	9/14/2005
4-Chloro-3-methylphenol	BQL	413	1	9/14/2005
4-Chloroaniline	BQL	2070	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	413	1	9/14/2005
Chrysene	BQL	413	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	413	1	9/14/2005
Dibenzofuran	BQL	413	1	9/14/2005
Di-n-Butylphthalate	BQL	413	1	9/14/2005
1,2-Dichlorobenzene	BQL	413	1	9/14/2005
1,3-Dichlorobenzene	BQL	413	1	9/14/2005
1,4-Dichlorobenzene	BQL	413	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	826	1	9/14/2005
2,4-Dichlorophenol	BQL	413	1	9/14/2005
Diethylphthalate	BQL	413	1	9/14/2005
Dimethylphthalate	BQL	413	1	9/14/2005
2,4-Dimethylphenol	BQL	413	1	9/14/2005
Di-n-octylphthalate	BQL	413	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	2070	1	9/14/2005
2,4-Dinitrophenol	BQL	2070	1	9/14/2005
2,4-Dinitrotoluene	BQL	413	1	9/14/2005
2,6-Dinitrotoluene	BQL	413	1	9/14/2005
Diphenylamine *	BQL	413	1	9/14/2005
Fluoranthene	BQL	413	1	9/14/2005
Fluorene	BQL	413	1	9/14/2005
Hexachlorobenzene	BQL	413	1	9/14/2005
Hexachlorobutadiene	BQL	413	1	9/14/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP11-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-1H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 10:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 73.95

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	826	1	9/14/2005
Hexachloroethane	BQL	413	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	413	1	9/14/2005
Isophorone	BQL	413	1	9/14/2005
2-Methylnaphthalene	BQL	413	1	9/14/2005
2-Methylphenol	BQL	413	1	9/14/2005
3- & 4-Methylphenol	BQL	413	1	9/14/2005
Naphthalene	BQL	413	1	9/14/2005
2-Nitroaniline	BQL	413	1	9/14/2005
3-Nitroaniline	BQL	2070	1	9/14/2005
4-Nitroaniline	BQL	2070	1	9/14/2005
Nitrobenzene	BQL	413	1	9/14/2005
2-Nitrophenol	BQL	413	1	9/14/2005
4-Nitrophenol	BQL	2070	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	413	1	9/14/2005
Pentachlorophenol	BQL	2070	1	9/14/2005
Phenanthrene	BQL	413	1	9/14/2005
Phenol	BQL	413	1	9/14/2005
Pyrene	BQL	413	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	413	1	9/14/2005
2,4,5-Trichlorophenol	BQL	413	1	9/14/2005
2,4,6-Trichlorophenol	BQL	413	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.1	101
2-Fluorophenol	10	6.7	67
Nitrobenzene-d5	10	7.7	77
Phenol-d6	10	7.4	74
2,4,6-Tribromophenol	10	8	80
4-Terphenyl-d14	10	9.9	99

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP12-5
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-2H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 10:45
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 82.06

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	366	1	9/14/2005
Acenaphthylene	BQL	366	1	9/14/2005
Anthracene	BQL	366	1	9/14/2005
Benzo[a]anthracene	BQL	366	1	9/14/2005
Benzo[a]pyrene	BQL	366	1	9/14/2005
Benzo[b]fluoranthene	BQL	366	1	9/14/2005
Benzo[g,h,i]perylene	BQL	366	1	9/14/2005
Benzo[k]fluoranthene	BQL	366	1	9/14/2005
Benzoic Acid	BQL	732	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	366	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	366	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	366	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	366	1	9/14/2005
4-bromophenyl phenyl ether	BQL	366	1	9/14/2005
Butylbenzylphthalate	BQL	366	1	9/14/2005
2-Chloronaphthalene	BQL	366	1	9/14/2005
2-Chlorophenol	BQL	366	1	9/14/2005
4-Chloro-3-methylphenol	BQL	366	1	9/14/2005
4-Chloroaniline	BQL	1830	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	366	1	9/14/2005
Chrysene	BQL	366	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	366	1	9/14/2005
Dibenzofuran	BQL	366	1	9/14/2005
Di-n-Butylphthalate	BQL	366	1	9/14/2005
1,2-Dichlorobenzene	BQL	366	1	9/14/2005
1,3-Dichlorobenzene	BQL	366	1	9/14/2005
1,4-Dichlorobenzene	BQL	366	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	732	1	9/14/2005
2,4-Dichlorophenol	BQL	366	1	9/14/2005
Diethylphthalate	BQL	366	1	9/14/2005
Dimethylphthalate	BQL	366	1	9/14/2005
2,4-Dimethylphenol	BQL	366	1	9/14/2005
Di-n-octylphthalate	BQL	366	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1830	1	9/14/2005
2,4-Dinitrophenol	BQL	1830	1	9/14/2005
2,4-Dinitrotoluene	BQL	366	1	9/14/2005
2,6-Dinitrotoluene	BQL	366	1	9/14/2005
Diphenylamine *	BQL	366	1	9/14/2005
Fluoranthene	BQL	366	1	9/14/2005
Fluorene	BQL	366	1	9/14/2005
Hexachlorobenzene	BQL	366	1	9/14/2005
Hexachlorobutadiene	BQL	366	1	9/14/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP12-5
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-2H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 10:45
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 82.06

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	732	1	9/14/2005
Hexachloroethane	BQL	366	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	366	1	9/14/2005
Isophorone	BQL	366	1	9/14/2005
2-Methylnaphthalene	BQL	366	1	9/14/2005
2-Methylphenol	BQL	366	1	9/14/2005
3- & 4-Methylphenol	BQL	366	1	9/14/2005
Naphthalene	BQL	366	1	9/14/2005
2-Nitroaniline	BQL	366	1	9/14/2005
3-Nitroaniline	BQL	1830	1	9/14/2005
4-Nitroaniline	BQL	1830	1	9/14/2005
Nitrobenzene	BQL	366	1	9/14/2005
2-Nitrophenol	BQL	366	1	9/14/2005
4-Nitrophenol	BQL	1830	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	366	1	9/14/2005
Pentachlorophenol	BQL	1830	1	9/14/2005
Phenanthrene	BQL	366	1	9/14/2005
Phenol	BQL	366	1	9/14/2005
Pyrene	BQL	366	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	366	1	9/14/2005
2,4,5-Trichlorophenol	BQL	366	1	9/14/2005
2,4,6-Trichlorophenol	BQL	366	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.4	84
2-Fluorophenol	10	10.2	102
Nitrobenzene-d5	10	8.5	85
Phenol-d6	10	10.2	102
2,4,6-Tribromophenol	10	5.7	57
4-Terphenyl-d14	10	8.7	87

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: mc

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP13-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-3H
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 11:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 86.81

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	352	1	9/15/2005
Acenaphthylene	BQL	352	1	9/15/2005
Anthracene	BQL	352	1	9/15/2005
Benzo[a]anthracene	BQL	352	1	9/15/2005
Benzo[a]pyrene	BQL	352	1	9/15/2005
Benzo[b]fluoranthene	BQL	352	1	9/15/2005
Benzo[g,h,i]perylene	BQL	352	1	9/15/2005
Benzo[k]fluoranthene	BQL	352	1	9/15/2005
Benzoic Acid	BQL	703	1	9/15/2005
Bis(2-chloroethoxy)methane	BQL	352	1	9/15/2005
Bis(2-chloroethyl)ether	BQL	352	1	9/15/2005
Bis(2-chloroisopropyl)ether	BQL	352	1	9/15/2005
Bis(2-ethylhexyl)phthalate	BQL	352	1	9/15/2005
4-bromophenyl phenyl ether	BQL	352	1	9/15/2005
Butylbenzylphthalate	BQL	352	1	9/15/2005
2-Chloronaphthalene	BQL	352	1	9/15/2005
2-Chlorophenol	BQL	352	1	9/15/2005
4-Chloro-3-methylphenol	BQL	352	1	9/15/2005
4-Chloroaniline	BQL	1760	1	9/15/2005
4-Chlorophenyl phenyl ether	BQL	352	1	9/15/2005
Chrysene	BQL	352	1	9/15/2005
Dibenzo[a,h]anthracene	BQL	352	1	9/15/2005
Dibenzofuran	BQL	352	1	9/15/2005
Di-n-Butylphthalate	BQL	352	1	9/15/2005
1,2-Dichlorobenzene	BQL	352	1	9/15/2005
1,3-Dichlorobenzene	BQL	352	1	9/15/2005
1,4-Dichlorobenzene	BQL	352	1	9/15/2005
3,3'-Dichlorobenzidine	BQL	703	1	9/15/2005
2,4-Dichlorophenol	BQL	352	1	9/15/2005
Diethylphthalate	BQL	352	1	9/15/2005
Dimethylphthalate	BQL	352	1	9/15/2005
2,4-Dimethylphenol	BQL	352	1	9/15/2005
Di-n-octylphthalate	BQL	352	1	9/15/2005
4,6-Dinitro-2-methylphenol	BQL	1760	1	9/15/2005
2,4-Dinitrophenol	BQL	1760	1	9/15/2005
2,4-Dinitrotoluene	BQL	352	1	9/15/2005
2,6-Dinitrotoluene	BQL	352	1	9/15/2005
Diphenylamine *	BQL	352	1	9/15/2005
Fluoranthene	BQL	352	1	9/15/2005
Fluorene	BQL	352	1	9/15/2005
Hexachlorobenzene	BQL	352	1	9/15/2005
Hexachlorobutadiene	BQL	352	1	9/15/2005

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: P8GP13-8
 Client Project ID: NCDOT-Forsyth Tip #U-2826A
 Lab Sample ID: G106-551-3H
 Lab Project ID: G106-551
 Report Basis: Dry weight

Analyzed By: MRC
 Date Collected: 9/7/2005 11:15
 Date Received: 9/10/2005
 Date Extracted: 9/13/2005
 Matrix: Soil
 % Solids: 86.81

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	703	1	9/15/2005
Hexachloroethane	BQL	352	1	9/15/2005
Indeno(1,2,3-c,d)pyrene	BQL	352	1	9/15/2005
Isophorone	BQL	352	1	9/15/2005
2-Methylnaphthalene	BQL	352	1	9/15/2005
2-Methylphenol	BQL	352	1	9/15/2005
3- & 4-Methylphenol	BQL	352	1	9/15/2005
Naphthalene	BQL	352	1	9/15/2005
2-Nitroaniline	BQL	352	1	9/15/2005
3-Nitroaniline	BQL	1760	1	9/15/2005
4-Nitroaniline	BQL	1760	1	9/15/2005
Nitrobenzene	BQL	352	1	9/15/2005
2-Nitrophenol	BQL	352	1	9/15/2005
4-Nitrophenol	BQL	1760	1	9/15/2005
N-Nitrosodi-n-propylamine	BQL	352	1	9/15/2005
Pentachlorophenol	BQL	1760	1	9/15/2005
Phenanthrene	BQL	352	1	9/15/2005
Phenol	BQL	352	1	9/15/2005
Pyrene	BQL	352	1	9/15/2005
1,2,4-Trichlorobenzene	BQL	352	1	9/15/2005
2,4,5-Trichlorophenol	BQL	352	1	9/15/2005
2,4,6-Trichlorophenol	BQL	352	1	9/15/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.3	103
2-Fluorophenol	10	9.4	94
Nitrobenzene-d5	10	9.5	95
Phenol-d6	10	10	100
2,4,6-Tribromophenol	10	7.4	74
4-Terphenyl-d14	10	11.4	114

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP22-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-4G
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 12:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 88.08

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	354	1	9/15/2005
Acenaphthylene	BQL	354	1	9/15/2005
Anthracene	BQL	354	1	9/15/2005
Benzo[a]anthracene	BQL	354	1	9/15/2005
Benzo[a]pyrene	BQL	354	1	9/15/2005
Benzo[b]fluoranthene	BQL	354	1	9/15/2005
Benzo[g,h,i]perylene	BQL	354	1	9/15/2005
Benzo[k]fluoranthene	BQL	354	1	9/15/2005
Benzoic Acid	BQL	709	1	9/15/2005
Bis(2-chloroethoxy)methane	BQL	354	1	9/15/2005
Bis(2-chloroethyl)ether	BQL	354	1	9/15/2005
Bis(2-chloroisopropyl)ether	BQL	354	1	9/15/2005
Bis(2-ethylhexyl)phthalate	BQL	354	1	9/15/2005
4-bromophenyl phenyl ether	BQL	354	1	9/15/2005
Butylbenzylphthalate	BQL	354	1	9/15/2005
2-Chloronaphthalene	BQL	354	1	9/15/2005
2-Chlorophenol	BQL	354	1	9/15/2005
4-Chloro-3-methylphenol	BQL	354	1	9/15/2005
4-Chloroaniline	BQL	1770	1	9/15/2005
4-Chlorophenyl phenyl ether	BQL	354	1	9/15/2005
Chrysene	BQL	354	1	9/15/2005
Dibenzo[a,h]anthracene	BQL	354	1	9/15/2005
Dibenzofuran	BQL	354	1	9/15/2005
Di-n-Butylphthalate	BQL	354	1	9/15/2005
1,2-Dichlorobenzene	BQL	354	1	9/15/2005
1,3-Dichlorobenzene	BQL	354	1	9/15/2005
1,4-Dichlorobenzene	BQL	354	1	9/15/2005
3,3'-Dichlorobenzidine	BQL	709	1	9/15/2005
2,4-Dichlorophenol	BQL	354	1	9/15/2005
Diethylphthalate	BQL	354	1	9/15/2005
Dimethylphthalate	BQL	354	1	9/15/2005
2,4-Dimethylphenol	BQL	354	1	9/15/2005
Di-n-octylphthalate	BQL	354	1	9/15/2005
4,6-Dinitro-2-methylphenol	BQL	1770	1	9/15/2005
2,4-Dinitrophenol	BQL	1770	1	9/15/2005
2,4-Dinitrotoluene	BQL	354	1	9/15/2005
2,6-Dinitrotoluene	BQL	354	1	9/15/2005
Diphenylamine *	BQL	354	1	9/15/2005
Fluoranthene	BQL	354	1	9/15/2005
Fluorene	BQL	354	1	9/15/2005
Hexachlorobenzene	BQL	354	1	9/15/2005
Hexachlorobutadiene	BQL	354	1	9/15/2005

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP22-8
Client Project ID: NCDOT-Forsyth Tip #U-2826A
Lab Sample ID: G106-551-4G
Lab Project ID: G106-551
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/7/2005 12:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 88.08

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	709	1	9/15/2005
Hexachloroethane	BQL	354	1	9/15/2005
Indeno(1,2,3-c,d)pyrene	BQL	354	1	9/15/2005
Isophorone	BQL	354	1	9/15/2005
2-Methylnaphthalene	BQL	354	1	9/15/2005
2-Methylphenol	BQL	354	1	9/15/2005
3- & 4-Methylphenol	BQL	354	1	9/15/2005
Naphthalene	BQL	354	1	9/15/2005
2-Nitroaniline	BQL	354	1	9/15/2005
3-Nitroaniline	BQL	1770	1	9/15/2005
4-Nitroaniline	BQL	1770	1	9/15/2005
Nitrobenzene	BQL	354	1	9/15/2005
2-Nitrophenol	BQL	354	1	9/15/2005
4-Nitrophenol	BQL	1770	1	9/15/2005
N-Nitrosodi-n-propylamine	BQL	354	1	9/15/2005
Pentachlorophenol	BQL	1770	1	9/15/2005
Phenanthrene	BQL	354	1	9/15/2005
Phenol	BQL	354	1	9/15/2005
Pyrene	BQL	354	1	9/15/2005
1,2,4-Trichlorobenzene	BQL	354	1	9/15/2005
2,4,5-Trichlorophenol	BQL	354	1	9/15/2005
2,4,6-Trichlorophenol	BQL	354	1	9/15/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.9	109
2-Fluorophenol	10	10.9	109
Nitrobenzene-d5	10	9.9	99
Phenol-d6	10	10.5	105
2,4,6-Tribromophenol	10	7.7	77
4-Terphenyl-d14	10	11.2	112

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: MRC

List of Reporting Abbreviations
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive, Wilmington, NC 28405

Chain-of Custody Record & Analytical Request

COC# 48119

Phone: (910)-350-1903 FAX: (910)-350-1557

TIP # 0-2826A

Page _____ of _____

Client: ET INC. Project ID: NEAST-F025774

Date: 9/16/05

Report To: DAVID LUTHEMUS - ET

Address: 2101 GATEWAY CENTER RD Contact: BOB STANTON

Turnaround: 5 DAY-REL MASTERS

Address: SUITE 200, MALLS WALKER Phone: 919-544-7500

Job Number: _____

Invoice To: NEAST

Quote #: _____ Fax: 919-544-2199

P.O. Number: _____

Comments: Please specify any special reporting requirements

G106-551

PARADIGM ANALYTICAL LABORATORIES, INC.

Sample ID	Date	Time	Matrix	Preservatives			Analyses			State Certification Requested
P08GPI1-8	9-7-05	1015	SOIL				X	X		NC <input checked="" type="checkbox"/> SC <input type="checkbox"/> Other <input type="checkbox"/>
P08GPI2-5		1045					X	X		
P08GPI3-8		1115					X	X		
P08GPI22-8		1200					X	X		
P06GPD22	9-8-05	1230					X	X		
P06-TW-1	9-7-05	1810	GW				X			
Requesting By	Date	Time	Received By	Date	Time	Temperature	SEE REVERSE FOR TERMS AND CONDITIONS			
<u>Bob Stanton</u>			<u>AMG</u>	<u>9/16/05</u>	<u>1020</u>	<u>1.0°C</u>				

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-541

Client Project: Parcel 8 Tip#U-2826A

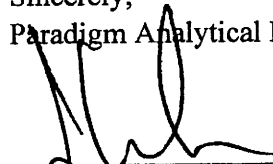
Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.



Laboratory Director
J. Patrick Weaver

9/14/05

Date

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP15-18
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-2A
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 13:15
Date Received: 9/1/05
Matrix: Soil
%Solids: 80.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	53.4	1	9/6/05
Benzene	BQL	5.34	1	9/6/05
Bromobenzene	BQL	5.34	1	9/6/05
Bromochloromethane	BQL	5.34	1	9/6/05
Bromodichloromethane	BQL	5.34	1	9/6/05
Bromoform	BQL	5.34	1	9/6/05
Bromomethane	BQL	5.34	1	9/6/05
2-Butanone	BQL	26.7	1	9/6/05
n-Butylbenzene	BQL	5.34	1	9/6/05
sec-Butylbenzene	BQL	5.34	1	9/6/05
tert-Butylbenzene	BQL	5.34	1	9/6/05
Carbon disulfide	BQL	5.34	1	9/6/05
Carbon tetrachloride	BQL	5.34	1	9/6/05
Chlorobenzene	BQL	5.34	1	9/6/05
Chloroethane	BQL	5.34	1	9/6/05
Chloroform	BQL	5.34	1	9/6/05
Chloromethane	BQL	5.34	1	9/6/05
2-Chlorotoluene	BQL	5.34	1	9/6/05
4-Chlorotoluene	BQL	5.34	1	9/6/05
Dibromochloromethane	BQL	5.34	1	9/6/05
1,2-Dibromo-3-chloropropane	BQL	5.34	1	9/6/05
Dibromomethane	BQL	5.34	1	9/6/05
1,2-Dibromoethane (EDB)	BQL	5.34	1	9/6/05
1,2-Dichlorobenzene	BQL	5.34	1	9/6/05
1,3-Dichlorobenzene	BQL	5.34	1	9/6/05
1,4-Dichlorobenzene	BQL	5.34	1	9/6/05
trans-1,4-Dichloro-2-butene	BQL	5.34	1	9/6/05
1,1-Dichloroethane	BQL	5.34	1	9/6/05
1,1-Dichloroethene	BQL	5.34	1	9/6/05
1,2-Dichloroethane	BQL	5.34	1	9/6/05
cis-1,2-Dichloroethene	BQL	5.34	1	9/6/05
trans-1,2-dichloroethene	BQL	5.34	1	9/6/05
1,2-Dichloropropane	BQL	5.34	1	9/6/05
1,3-Dichloropropane	BQL	5.34	1	9/6/05
2,2-Dichloropropane	BQL	5.34	1	9/6/05
1,1-Dichloropropene	BQL	5.34	1	9/6/05
cis-1,3-Dichloropropene	BQL	5.34	1	9/6/05
trans-1,3-Dichloropropene	BQL	5.34	1	9/6/05
Dichlorodifluoromethane	BQL	5.34	1	9/6/05
Diisopropyl ether (DIPE)	BQL	5.34	1	9/6/05
Ethylbenzene	BQL	5.34	1	9/6/05
Hexachlorobutadiene	BQL	5.34	1	9/6/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP15-18
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-2A
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 13:15
Date Received: 9/1/05
Matrix: Soil
%Solids: 80.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.34	1	9/6/05
Iodomethane	BQL	5.34	1	9/6/05
Isopropylbenzene	BQL	5.34	1	9/6/05
4-Isopropyltoluene	BQL	5.34	1	9/6/05
Methylene chloride	BQL	21.4	1	9/6/05
4-Methyl-2-pentanone	BQL	5.34	1	9/6/05
Methyl-tert-butyl ether (MTBE)	BQL	5.34	1	9/6/05
Naphthalene	BQL	5.34	1	9/6/05
n-Propyl benzene	BQL	5.34	1	9/6/05
Styrene	BQL	5.34	1	9/6/05
1,1,1,2-Tetrachloroethane	BQL	5.34	1	9/6/05
1,1,2,2-Tetrachloroethane	BQL	5.34	1	9/6/05
Tetrachloroethene	BQL	5.34	1	9/6/05
Toluene	BQL	5.34	1	9/6/05
1,2,3-Trichlorobenzene	BQL	5.34	1	9/6/05
1,2,4-Trichlorobenzene	BQL	5.34	1	9/6/05
Trichloroethene	BQL	5.34	1	9/6/05
1,1,1-Trichloroethane	BQL	5.34	1	9/6/05
1,1,2-Trichloroethane	BQL	5.34	1	9/6/05
Trichlorofluoromethane	BQL	5.34	1	9/6/05
1,2,3-Trichloropropane	BQL	5.34	1	9/6/05
1,2,4-Trimethylbenzene	BQL	5.34	1	9/6/05
1,3,5-Trimethylbenzene	BQL	5.34	1	9/6/05
Vinyl chloride	BQL	5.34	1	9/6/05
m-,p-Xylene	BQL	10.7	1	9/6/05
o-Xylene	BQL	5.34	1	9/6/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	54.8	110
1,2-Dichloroethane-d4	50	55.6	111
Toluene-d8	50	52.1	104

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP-21
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-5A
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 15:10
Date Received: 9/1/05
Matrix: Soil
%Solids: 82.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	62.9	1	9/6/05
Benzene	BQL	6.29	1	9/6/05
Bromobenzene	BQL	6.29	1	9/6/05
Bromochloromethane	BQL	6.29	1	9/6/05
Bromodichloromethane	BQL	6.29	1	9/6/05
Bromoform	BQL	6.29	1	9/6/05
Bromomethane	BQL	6.29	1	9/6/05
2-Butanone	BQL	31.4	1	9/6/05
n-Butylbenzene	BQL	6.29	1	9/6/05
sec-Butylbenzene	BQL	6.29	1	9/6/05
tert-Butylbenzene	BQL	6.29	1	9/6/05
Carbon disulfide	BQL	6.29	1	9/6/05
Carbon tetrachloride	BQL	6.29	1	9/6/05
Chlorobenzene	BQL	6.29	1	9/6/05
Chloroethane	BQL	6.29	1	9/6/05
Chloroform	BQL	6.29	1	9/6/05
Chloromethane	BQL	6.29	1	9/6/05
2-Chlorotoluene	BQL	6.29	1	9/6/05
4-Chlorotoluene	BQL	6.29	1	9/6/05
Dibromochloromethane	BQL	6.29	1	9/6/05
1,2-Dibromo-3-chloropropane	BQL	6.29	1	9/6/05
Dibromomethane	BQL	6.29	1	9/6/05
1,2-Dibromoethane (EDB)	BQL	6.29	1	9/6/05
1,2-Dichlorobenzene	BQL	6.29	1	9/6/05
1,3-Dichlorobenzene	BQL	6.29	1	9/6/05
1,4-Dichlorobenzene	BQL	6.29	1	9/6/05
trans-1,4-Dichloro-2-butene	BQL	6.29	1	9/6/05
1,1-Dichloroethane	BQL	6.29	1	9/6/05
1,1-Dichloroethene	BQL	6.29	1	9/6/05
1,2-Dichloroethane	BQL	6.29	1	9/6/05
cis-1,2-Dichloroethene	BQL	6.29	1	9/6/05
trans-1,2-dichloroethene	BQL	6.29	1	9/6/05
1,2-Dichloropropane	BQL	6.29	1	9/6/05
1,3-Dichloropropane	BQL	6.29	1	9/6/05
2,2-Dichloropropane	BQL	6.29	1	9/6/05
1,1-Dichloropropene	BQL	6.29	1	9/6/05
cis-1,3-Dichloropropene	BQL	6.29	1	9/6/05
trans-1,3-Dichloropropene	BQL	6.29	1	9/6/05
Dichlorodifluoromethane	BQL	6.29	1	9/6/05
Diisopropyl ether (DIPE)	BQL	6.29	1	9/6/05
Ethylbenzene	BQL	6.29	1	9/6/05
Hexachlorobutadiene	BQL	6.29	1	9/6/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP-21
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-5A
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 15:10
Date Received: 9/1/05
Matrix: Soil
%Solids: 82.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	6.29	1	9/6/05
Iodomethane	BQL	6.29	1	9/6/05
Isopropylbenzene	BQL	6.29	1	9/6/05
4-Isopropyltoluene	BQL	6.29	1	9/6/05
Methylene chloride	BQL	25.1	1	9/6/05
4-Methyl-2-pentanone	BQL	6.29	1	9/6/05
Methyl-tert-butyl ether (MTBE)	BQL	6.29	1	9/6/05
Naphthalene	BQL	6.29	1	9/6/05
n-Propyl benzene	BQL	6.29	1	9/6/05
Styrene	BQL	6.29	1	9/6/05
1,1,1,2-Tetrachloroethane	BQL	6.29	1	9/6/05
1,1,2,2-Tetrachloroethane	BQL	6.29	1	9/6/05
Tetrachloroethene	BQL	6.29	1	9/6/05
Toluene	BQL	6.29	1	9/6/05
1,2,3-Trichlorobenzene	BQL	6.29	1	9/6/05
1,2,4-Trichlorobenzene	BQL	6.29	1	9/6/05
Trichloroethene	BQL	6.29	1	9/6/05
1,1,1-Trichloroethane	BQL	6.29	1	9/6/05
1,1,2-Trichloroethane	BQL	6.29	1	9/6/05
Trichlorofluoromethane	BQL	6.29	1	9/6/05
1,2,3-Trichloropropane	BQL	6.29	1	9/6/05
1,2,4-Trimethylbenzene	BQL	6.29	1	9/6/05
1,3,5-Trimethylbenzene	BQL	6.29	1	9/6/05
Vinyl chloride	BQL	6.29	1	9/6/05
m-,p-Xylene	BQL	12.6	1	9/6/05
o-Xylene	BQL	6.29	1	9/6/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	52.8	106
1,2-Dichloroethane-d4	50	60	120
Toluene-d8	50	52	104

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP17-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-7C
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 14:10
Date Received: 9/1/05
Matrix: Soil
%Solids: 86.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	54.4	1	9/9/05
Benzene	BQL	5.44	1	9/9/05
Bromobenzene	BQL	5.44	1	9/9/05
Bromochloromethane	BQL	5.44	1	9/9/05
Bromodichloromethane	BQL	5.44	1	9/9/05
Bromoform	BQL	5.44	1	9/9/05
Bromomethane	BQL	5.44	1	9/9/05
2-Butanone	BQL	27.2	1	9/9/05
n-Butylbenzene	BQL	5.44	1	9/9/05
sec-Butylbenzene	BQL	5.44	1	9/9/05
tert-Butylbenzene	BQL	5.44	1	9/9/05
Carbon disulfide	BQL	5.44	1	9/9/05
Carbon tetrachloride	BQL	5.44	1	9/9/05
Chlorobenzene	BQL	5.44	1	9/9/05
Chloroethane	BQL	5.44	1	9/9/05
Chloroform	BQL	5.44	1	9/9/05
Chloromethane	BQL	5.44	1	9/9/05
2-Chlorotoluene	BQL	5.44	1	9/9/05
4-Chlorotoluene	BQL	5.44	1	9/9/05
Dibromochloromethane	BQL	5.44	1	9/9/05
1,2-Dibromo-3-chloropropane	BQL	5.44	1	9/9/05
Dibromomethane	BQL	5.44	1	9/9/05
1,2-Dibromoethane (EDB)	BQL	5.44	1	9/9/05
1,2-Dichlorobenzene	BQL	5.44	1	9/9/05
1,3-Dichlorobenzene	BQL	5.44	1	9/9/05
1,4-Dichlorobenzene	BQL	5.44	1	9/9/05
trans-1,4-Dichloro-2-butene	BQL	5.44	1	9/9/05
1,1-Dichloroethane	BQL	5.44	1	9/9/05
1,1-Dichloroethene	BQL	5.44	1	9/9/05
1,2-Dichloroethane	BQL	5.44	1	9/9/05
cis-1,2-Dichloroethene	BQL	5.44	1	9/9/05
trans-1,2-dichloroethene	BQL	5.44	1	9/9/05
1,2-Dichloropropane	BQL	5.44	1	9/9/05
1,3-Dichloropropane	BQL	5.44	1	9/9/05
2,2-Dichloropropane	BQL	5.44	1	9/9/05
1,1-Dichloropropene	BQL	5.44	1	9/9/05
cis-1,3-Dichloropropene	BQL	5.44	1	9/9/05
trans-1,3-Dichloropropene	BQL	5.44	1	9/9/05
Dichlorodifluoromethane	BQL	5.44	1	9/9/05
Diisopropyl ether (DIPE)	BQL	5.44	1	9/9/05
Ethylbenzene	BQL	5.44	1	9/9/05
Hexachlorobutadiene	BQL	5.44	1	9/9/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP17-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-541-7C
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 08-29-2005 14:10
Date Received: 9/1/05
Matrix: Soil
%Solids: 86.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.44	1	9/9/05
Iodomethane	BQL	5.44	1	9/9/05
Isopropylbenzene	BQL	5.44	1	9/9/05
4-Isopropyltoluene	BQL	5.44	1	9/9/05
Methylene chloride	BQL	21.8	1	9/9/05
4-Methyl-2-pentanone	BQL	5.44	1	9/9/05
Methyl-tert-butyl ether (MTBE)	BQL	5.44	1	9/9/05
Naphthalene	BQL	5.44	1	9/9/05
n-Propyl benzene	BQL	5.44	1	9/9/05
Styrene	BQL	5.44	1	9/9/05
1,1,1,2-Tetrachloroethane	BQL	5.44	1	9/9/05
1,1,2,2-Tetrachloroethane	BQL	5.44	1	9/9/05
Tetrachloroethene	BQL	5.44	1	9/9/05
Toluene	BQL	5.44	1	9/9/05
1,2,3-Trichlorobenzene	BQL	5.44	1	9/9/05
1,2,4-Trichlorobenzene	BQL	5.44	1	9/9/05
Trichloroethene	BQL	5.44	1	9/9/05
1,1,1-Trichloroethane	BQL	5.44	1	9/9/05
1,1,2-Trichloroethane	BQL	5.44	1	9/9/05
Trichlorofluoromethane	BQL	5.44	1	9/9/05
1,2,3-Trichloropropane	BQL	5.44	1	9/9/05
1,2,4-Trimethylbenzene	BQL	5.44	1	9/9/05
1,3,5-Trimethylbenzene	BQL	5.44	1	9/9/05
Vinyl chloride	BQL	5.44	1	9/9/05
m-,p-Xylene	BQL	10.9	1	9/9/05
o-Xylene	BQL	5.44	1	9/9/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	51.9	104
1,2-Dichloroethane-d4	50	55.8	112
Toluene-d8	50	51.1	102

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By: mtl

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP15-18
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-2H
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 13:15
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 80.11

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	385	1	9/7/2005
Acenaphthylene	BQL	385	1	9/7/2005
Anthracene	BQL	385	1	9/7/2005
Benzo[a]anthracene	BQL	385	1	9/7/2005
Benzo[a]pyrene	BQL	385	1	9/7/2005
Benzo[b]fluoranthene	BQL	385	1	9/7/2005
Benzo[g,h,i]perylene	BQL	385	1	9/7/2005
Benzo[k]fluoranthene	BQL	385	1	9/7/2005
Benzoic Acid	BQL	771	1	9/7/2005
Bis(2-chloroethoxy)methane	BQL	385	1	9/7/2005
Bis(2-chloroethyl)ether	BQL	385	1	9/7/2005
Bis(2-chloroisopropyl)ether	BQL	385	1	9/7/2005
Bis(2-ethylhexyl)phthalate	BQL	385	1	9/7/2005
4-bromophenyl phenyl ether	BQL	385	1	9/7/2005
Butylbenzylphthalate	BQL	385	1	9/7/2005
2-Chloronaphthalene	BQL	385	1	9/7/2005
2-Chlorophenol	BQL	385	1	9/7/2005
4-Chloro-3-methylphenol	BQL	385	1	9/7/2005
4-Chloroaniline	BQL	1930	1	9/7/2005
4-Chlorophenyl phenyl ether	BQL	385	1	9/7/2005
Chrysene	BQL	385	1	9/7/2005
Dibenzo[a,h]anthracene	BQL	385	1	9/7/2005
Dibenzofuran	BQL	385	1	9/7/2005
Di-n-Butylphthalate	BQL	385	1	9/7/2005
1,2-Dichlorobenzene	BQL	385	1	9/7/2005
1,3-Dichlorobenzene	BQL	385	1	9/7/2005
1,4-Dichlorobenzene	BQL	385	1	9/7/2005
3,3'-Dichlorobenzidine	BQL	771	1	9/7/2005
2,4-Dichlorophenol	BQL	385	1	9/7/2005
Diethylphthalate	BQL	385	1	9/7/2005
Dimethylphthalate	BQL	385	1	9/7/2005
2,4-Dimethylphenol	BQL	385	1	9/7/2005
Di-n-octylphthalate	BQL	385	1	9/7/2005
4,6-Dinitro-2-methylphenol	BQL	1930	1	9/7/2005
2,4-Dinitrophenol	BQL	1930	1	9/7/2005
2,4-Dinitrotoluene	BQL	385	1	9/7/2005
2,6-Dinitrotoluene	BQL	385	1	9/7/2005
Diphenylamine *	BQL	385	1	9/7/2005
Fluoranthene	BQL	385	1	9/7/2005
Fluorene	BQL	385	1	9/7/2005
Hexachlorobenzene	BQL	385	1	9/7/2005
Hexachlorobutadiene	BQL	385	1	9/7/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP15-18
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-2H
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 13:15
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 80.11

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	771	1	9/7/2005
Hexachloroethane	BQL	385	1	9/7/2005
Indeno(1,2,3-c,d)pyrene	BQL	385	1	9/7/2005
Isophorone	BQL	385	1	9/7/2005
2-Methylnaphthalene	BQL	385	1	9/7/2005
2-Methylphenol	BQL	385	1	9/7/2005
3- & 4-Methylphenol	BQL	385	1	9/7/2005
Naphthalene	BQL	385	1	9/7/2005
2-Nitroaniline	BQL	385	1	9/7/2005
3-Nitroaniline	BQL	1930	1	9/7/2005
4-Nitroaniline	BQL	1930	1	9/7/2005
Nitrobenzene	BQL	385	1	9/7/2005
2-Nitrophenol	BQL	385	1	9/7/2005
4-Nitrophenol	BQL	1930	1	9/7/2005
N-Nitrosodi-n-propylamine	BQL	385	1	9/7/2005
Pentachlorophenol	BQL	1930	1	9/7/2005
Phenanthrene	BQL	385	1	9/7/2005
Phenol	BQL	385	1	9/7/2005
Pyrene	BQL	385	1	9/7/2005
1,2,4-Trichlorobenzene	BQL	385	1	9/7/2005
2,4,5-Trichlorophenol	BQL	385	1	9/7/2005
2,4,6-Trichlorophenol	BQL	385	1	9/7/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.3	83
2-Fluorophenol	10	10.6	106
Nitrobenzene-d5	10	9.2	92
Phenol-d6	10	9.8	98
2,4,6-Tribromophenol	10	5.5	55
4-Terphenyl-d14	10	11.8	118

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP-21
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-5G
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 15:10
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 82.67

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	372	1	9/7/2005
Acenaphthylene	BQL	372	1	9/7/2005
Anthracene	BQL	372	1	9/7/2005
Benzo[a]anthracene	BQL	372	1	9/7/2005
Benzo[a]pyrene	BQL	372	1	9/7/2005
Benzo[b]fluoranthene	BQL	372	1	9/7/2005
Benzo[g,h,i]perylene	BQL	372	1	9/7/2005
Benzo[k]fluoranthene	BQL	372	1	9/7/2005
Benzoic Acid	BQL	744	1	9/7/2005
Bis(2-chloroethoxy)methane	BQL	372	1	9/7/2005
Bis(2-chloroethyl)ether	BQL	372	1	9/7/2005
Bis(2-chloroisopropyl)ether	BQL	372	1	9/7/2005
Bis(2-ethylhexyl)phthalate	BQL	372	1	9/7/2005
4-bromophenyl phenyl ether	BQL	372	1	9/7/2005
Butylbenzylphthalate	BQL	372	1	9/7/2005
2-Chloronaphthalene	BQL	372	1	9/7/2005
2-Chlorophenol	BQL	372	1	9/7/2005
4-Chloro-3-methylphenol	BQL	372	1	9/7/2005
4-Chloroaniline	BQL	1860	1	9/7/2005
4-Chlorophenyl phenyl ether	BQL	372	1	9/7/2005
Chrysene	BQL	372	1	9/7/2005
Dibenzo[a,h]anthracene	BQL	372	1	9/7/2005
Dibenzofuran	BQL	372	1	9/7/2005
Di-n-Butylphthalate	BQL	372	1	9/7/2005
1,2-Dichlorobenzene	BQL	372	1	9/7/2005
1,3-Dichlorobenzene	BQL	372	1	9/7/2005
1,4-Dichlorobenzene	BQL	372	1	9/7/2005
3,3'-Dichlorobenzidine	BQL	744	1	9/7/2005
2,4-Dichlorophenol	BQL	372	1	9/7/2005
Diethylphthalate	BQL	372	1	9/7/2005
Dimethylphthalate	BQL	372	1	9/7/2005
2,4-Dimethylphenol	BQL	372	1	9/7/2005
Di-n-octylphthalate	BQL	372	1	9/7/2005
4,6-Dinitro-2-methylphenol	BQL	1860	1	9/7/2005
2,4-Dinitrophenol	BQL	1860	1	9/7/2005
2,4-Dinitrotoluene	BQL	372	1	9/7/2005
2,6-Dinitrotoluene	BQL	372	1	9/7/2005
Diphenylamine *	BQL	372	1	9/7/2005
Fluoranthene	BQL	372	1	9/7/2005
Fluorene	BQL	372	1	9/7/2005
Hexachlorobenzene	BQL	372	1	9/7/2005
Hexachlorobutadiene	BQL	372	1	9/7/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP-21
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-5G
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 15:10
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 82.67

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	744	1	9/7/2005
Hexachloroethane	BQL	372	1	9/7/2005
Indeno(1,2,3-c,d)pyrene	BQL	372	1	9/7/2005
Isophorone	BQL	372	1	9/7/2005
2-Methylnaphthalene	BQL	372	1	9/7/2005
2-Methylphenol	BQL	372	1	9/7/2005
3- & 4-Methylphenol	BQL	372	1	9/7/2005
Naphthalene	BQL	372	1	9/7/2005
2-Nitroaniline	BQL	372	1	9/7/2005
3-Nitroaniline	BQL	1860	1	9/7/2005
4-Nitroaniline	BQL	1860	1	9/7/2005
Nitrobenzene	BQL	372	1	9/7/2005
2-Nitrophenol	BQL	372	1	9/7/2005
4-Nitrophenol	BQL	1860	1	9/7/2005
N-Nitrosodi-n-propylamine	BQL	372	1	9/7/2005
Pentachlorophenol	BQL	1860	1	9/7/2005
Phenanthrene	BQL	372	1	9/7/2005
Phenol	BQL	372	1	9/7/2005
Pyrene	BQL	372	1	9/7/2005
1,2,4-Trichlorobenzene	BQL	372	1	9/7/2005
2,4,5-Trichlorophenol	BQL	372	1	9/7/2005
2,4,6-Trichlorophenol	BQL	372	1	9/7/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.8	88
2-Fluorophenol	10	10.5	105
Nitrobenzene-d5	10	9.3	93
Phenol-d6	10	9.7	97
2,4,6-Tribromophenol	10	5.5	55
4-Terphenyl-d14	10	11.9	119

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: me

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP17-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-7G
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 14:10
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 86.63

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	348	1	9/7/2005
Acenaphthylene	BQL	348	1	9/7/2005
Anthracene	BQL	348	1	9/7/2005
Benzo[a]anthracene	BQL	348	1	9/7/2005
Benzo[a]pyrene	BQL	348	1	9/7/2005
Benzo[b]fluoranthene	BQL	348	1	9/7/2005
Benzo[g,h,i]perylene	BQL	348	1	9/7/2005
Benzo[k]fluoranthene	BQL	348	1	9/7/2005
Benzoic Acid	BQL	695	1	9/7/2005
Bis(2-chloroethoxy)methane	BQL	348	1	9/7/2005
Bis(2-chloroethyl)ether	BQL	348	1	9/7/2005
Bis(2-chloroisopropyl)ether	BQL	348	1	9/7/2005
Bis(2-ethylhexyl)phthalate	BQL	348	1	9/7/2005
4-bromophenyl phenyl ether	BQL	348	1	9/7/2005
Butylbenzylphthalate	BQL	348	1	9/7/2005
2-Chloronaphthalene	BQL	348	1	9/7/2005
2-Chlorophenol	BQL	348	1	9/7/2005
4-Chloro-3-methylphenol	BQL	348	1	9/7/2005
4-Chloroaniline	BQL	1740	1	9/7/2005
4-Chlorophenyl phenyl ether	BQL	348	1	9/7/2005
Chrysene	BQL	348	1	9/7/2005
Dibenzo[a,h]anthracene	BQL	348	1	9/7/2005
Dibenzofuran	BQL	348	1	9/7/2005
Di-n-Butylphthalate	BQL	348	1	9/7/2005
1,2-Dichlorobenzene	BQL	348	1	9/7/2005
1,3-Dichlorobenzene	BQL	348	1	9/7/2005
1,4-Dichlorobenzene	BQL	348	1	9/7/2005
3,3'-Dichlorobenzidine	BQL	695	1	9/7/2005
2,4-Dichlorophenol	BQL	348	1	9/7/2005
Diethylphthalate	BQL	348	1	9/7/2005
Dimethylphthalate	BQL	348	1	9/7/2005
2,4-Dimethylphenol	BQL	348	1	9/7/2005
Di-n-octylphthalate	BQL	348	1	9/7/2005
4,6-Dinitro-2-methylphenol	BQL	1740	1	9/7/2005
2,4-Dinitrophenol	BQL	1740	1	9/7/2005
2,4-Dinitrotoluene	BQL	348	1	9/7/2005
2,6-Dinitrotoluene	BQL	348	1	9/7/2005
Diphenylamine *	BQL	348	1	9/7/2005
Fluoranthene	BQL	348	1	9/7/2005
Fluorene	BQL	348	1	9/7/2005
Hexachlorobenzene	BQL	348	1	9/7/2005
Hexachlorobutadiene	BQL	348	1	9/7/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP17-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-7G
Lab Project ID: G106-541
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 8/29/2005 14:10
Date Received: 9/1/2005
Date Extracted: 9/2/2005
Matrix: Soil
% Solids: 86.63

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	695	1	9/7/2005
Hexachloroethane	BQL	348	1	9/7/2005
Indeno(1,2,3-c,d)pyrene	BQL	348	1	9/7/2005
Isophorone	BQL	348	1	9/7/2005
2-Methylnaphthalene	BQL	348	1	9/7/2005
2-Methylphenol	BQL	348	1	9/7/2005
3- & 4-Methylphenol	BQL	348	1	9/7/2005
Naphthalene	BQL	348	1	9/7/2005
2-Nitroaniline	BQL	348	1	9/7/2005
3-Nitroaniline	BQL	1740	1	9/7/2005
4-Nitroaniline	BQL	1740	1	9/7/2005
Nitrobenzene	BQL	348	1	9/7/2005
2-Nitrophenol	BQL	348	1	9/7/2005
4-Nitrophenol	BQL	1740	1	9/7/2005
N-Nitrosodi-n-propylamine	BQL	348	1	9/7/2005
Pentachlorophenol	BQL	1740	1	9/7/2005
Phenanthrene	BQL	348	1	9/7/2005
Phenol	BQL	348	1	9/7/2005
Pyrene	BQL	348	1	9/7/2005
1,2,4-Trichlorobenzene	BQL	348	1	9/7/2005
2,4,5-Trichlorophenol	BQL	348	1	9/7/2005
2,4,6-Trichlorophenol	BQL	348	1	9/7/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	6.7	67
2-Fluorophenol	10	10.6	106
Nitrobenzene-d5	10	8	80
Phenol-d6	10	9.8	98
2,4,6-Tribromophenol	10	4.7	47
4-Terphenyl-d14	10	10.3	103

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: mrc

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP14-18

Analyzed By: DCS

Client Project ID: Parcel 8 Tip#U-2826A

Date Collected: 8/29/05 13:00

Lab Sample ID: G106-541-1

Date Received: 9/1/05

Lab Project ID: G106-541

Matrix: Soil

Report Basis: Dry Weight

Solids 79.22

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.6	3545	1	09/08/05

Comments:

Reviewed By: 

TPH_LIMS_v1.82.XLS

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP15-18
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-541-2
 Lab Project ID: G106-541
 Report Basis: Dry Weight

Analyzed By: DCS
 Date Collected: 8/29/05 13:15
 Date Received: 9/1/05
 Matrix: Soil
 Solids 80.11

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.72	5035	1	09/07/05
Diesel Range Organics	BQL	7.72	3545	1	09/08/05

Comments:

Reviewed By: 
 TPH_LIMS_v1.82.XLS

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP16-20

Analyzed By: DCS

Client Project ID: Parcel 8 Tip#U-2826A

Date Collected: 8/29/05 13:35

Lab Sample ID: G106-541-3

Date Received: 9/1/05

Lab Project ID: G106-541

Matrix: Soil

Report Basis: Dry Weight

Solids 85.29

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.9	5035	1	09/07/05
Diesel Range Organics	BQL	7.17	3545	1	09/08/05

Comments:

Reviewed By: 
TPH_LIMS_v1.82.XLS

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Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP18-14
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-541-4
Lab Project ID: G106-541
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/29/05 13:36
Date Received: 9/1/05
Matrix: Soil
Solids 88.79

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.72	5035	1	09/07/05
Diesel Range Organics	BQL	6.92	3545	1	09/08/05

Comments:

Reviewed By: 
TPH_LIMS_v1 62 XLS

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP-21

Analyzed By: DCS

Client Project ID: Parcel 8 Tip#U-2826A

Date Collected: 8/29/05 15:10

Lab Sample ID: G106-541-5

Date Received: 9/1/05

Lab Project ID: G106-541

Matrix: Soil

Report Basis: Dry Weight

Solids 82.67

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.69	5035	1	09/07/05
Diesel Range Organics	BQL	7.34	3545	1	09/08/05

Comments:

Reviewed By: 

TPH_LIMS_v1.82.XLS 18 of 23

Results for Total Petroleum Hydrocarbons

by GC/FID 8015

Client Sample ID: P8GP19-16

Analyzed By: DCS

Client Project ID: Parcel 8 Tip#U-2826A

Date Collected: 8/29/05 14:48

Lab Sample ID: G106-541-6

Date Received: 9/1/05

Lab Project ID: G106-541

Matrix: Soil

Report Basis: Dry Weight

Solids 89.30

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.76	5035	1	09/07/05
Diesel Range Organics	BQL	6.93	3545	1	09/09/05

Comments:

Reviewed By: 

TPH_LIMS_v1.82.XLS

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: P8GP17-14

Analyzed By: DCS

Client Project ID: Parcel 8 Tip#U-2826A

Date Collected: 8/29/05 14:10

Lab Sample ID: G106-541-7

Date Received: 9/1/05

Lab Project ID: G106-541

Matrix: Soil

Report Basis: Dry Weight

Solids 86.63

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.76	5035	1	09/07/05
Diesel Range Organics	BQL	7.08	3545	1	09/09/05

Comments:

Reviewed By: 
TPH_LIMS_v1.82.XLS

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Results for Total Petroleum Hydrocarbons

by GC/FID 8015

Client Sample ID: P8GP20-13

Analyzed By: DCS

Client Project ID: Parcel 8 Tip#U-2826A

Date Collected: 8/29/05 14:50

Lab Sample ID: G106-541-8

Date Received: 9/1/05

Lab Project ID: G106-541

Matrix: Soil

Report Basis: Dry Weight

Solids 87.27

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.52	5035	1	09/07/05
Diesel Range Organics	BQL	6.98	3545	1	09/09/05

Comments:

Reviewed By: 
TPH_LIMS_v1.82.XLS

List of Reporting Abbreviations
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.
 5500 Business Drive, Wilmington, NC 28405
 Phone: (910)-350-1903 FAX: (910)-350-1557

COC# 48834

Page _____ of _____

Chain-of Custody Record & Analytical Request
 WBS: 3487H.1.1

Client: EL, INC Project ID: AM008 Report To: DARLEN LOCKHART
 Address: 2101 GATEWAY CENTRE BLVD Contact: DARLEN LOCKHART Turnaround: STANDARD
 Address: SUITE 202, MOUNTAIN VIEW, NC Phone: 919-544-7500 Job Number: ENMD050015.00
 Quote #: 27560 Fax: 919-544-2199 P.O. Number: _____ Invoice To: NCOST

ID	Date	Time	Preservatives			Analyses				Date	Time	Temperature	State Certification Requested	Comments: Please specify any special reporting requirements.
			VOCs	SVOCS	TPH	TPH	TPH	TPH	TPH					
P86P11		1645												
P86P12		1615												
P86P14-18	8-27-05	1300	X	X	X	X	X	X	X	X				
P86P15-18		1315	X	X	X	X	X	X	X	X				G106-541
P86P16-20		1335												
P86P18-14		1336												
P86P-21		1510	X	X	X	X	X	X	X	X				
P86P19-16		1448												
P86P17-14		1410	X	X	X	X	X	X	X	X				
P86P20-13		1450	X	X	X	X	X	X	X	X				
Received By	Date	Time	Received By			Date	Time	Temperature	State Certification Requested			Comments		
<i>[Signature]</i>	8-31-05		<i>[Signature]</i>			9/1/05	0950	0.2°C	NC <input checked="" type="checkbox"/> SC <input type="checkbox"/> Other <input type="checkbox"/>			SEE REVERSE FOR TERMS AND CONDITIONS		

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-550
Client Project: Parcel 8 Tip#U-2826A

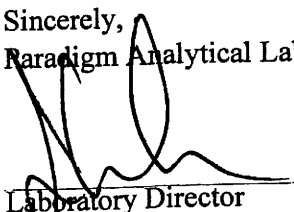
Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.



Laboratory Director
J. Patrick Weaver

9/16/05

Date

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP23-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-1A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 09:40
Date Received: 9/10/05
Matrix: Soil
%Solids: 81.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	50.3	1	9/12/05
Benzene	BQL	5.03	1	9/12/05
Bromobenzene	BQL	5.03	1	9/12/05
Bromochloromethane	BQL	5.03	1	9/12/05
Bromodichloromethane	BQL	5.03	1	9/12/05
Bromoform	BQL	5.03	1	9/12/05
Bromomethane	BQL	5.03	1	9/12/05
2-Butanone	BQL	25.2	1	9/12/05
n-Butylbenzene	BQL	5.03	1	9/12/05
sec-Butylbenzene	BQL	5.03	1	9/12/05
tert-Butylbenzene	BQL	5.03	1	9/12/05
Carbon disulfide	BQL	5.03	1	9/12/05
Carbon tetrachloride	BQL	5.03	1	9/12/05
Chlorobenzene	BQL	5.03	1	9/12/05
Chloroethane	BQL	5.03	1	9/12/05
Chloroform	BQL	5.03	1	9/12/05
Chloromethane	BQL	5.03	1	9/12/05
2-Chlorotoluene	BQL	5.03	1	9/12/05
4-Chlorotoluene	BQL	5.03	1	9/12/05
Dibromochloromethane	BQL	5.03	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	5.03	1	9/12/05
Dibromomethane	BQL	5.03	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	5.03	1	9/12/05
1,2-Dichlorobenzene	BQL	5.03	1	9/12/05
1,3-Dichlorobenzene	BQL	5.03	1	9/12/05
1,4-Dichlorobenzene	BQL	5.03	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	5.03	1	9/12/05
1,1-Dichloroethane	BQL	5.03	1	9/12/05
1,1-Dichloroethene	BQL	5.03	1	9/12/05
1,2-Dichloroethane	BQL	5.03	1	9/12/05
cis-1,2-Dichloroethene	BQL	5.03	1	9/12/05
trans-1,2-dichloroethene	BQL	5.03	1	9/12/05
1,2-Dichloropropane	BQL	5.03	1	9/12/05
1,3-Dichloropropane	BQL	5.03	1	9/12/05
2,2-Dichloropropane	BQL	5.03	1	9/12/05
1,1-Dichloropropene	BQL	5.03	1	9/12/05
cis-1,3-Dichloropropene	BQL	5.03	1	9/12/05
trans-1,3-Dichloropropene	BQL	5.03	1	9/12/05
Dichlorodifluoromethane	BQL	5.03	1	9/12/05
Diisopropyl ether (DIPE)	BQL	5.03	1	9/12/05
Ethylbenzene	BQL	5.03	1	9/12/05
Hexachlorobutadiene	BQL	5.03	1	9/12/05

PARADIGM ANALYTICAL LABORATORIES, INC.

**Results for Volatiles
by GCMS 8260-5035**

Client Sample ID: P8GP23-12
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID G106-550-1A
 Lab Project ID: G106-550
 Report Basis: Dry Weight

Analyzed By: JTF
 Date Collected: 09-09-2005 09:40
 Date Received: 9/10/05
 Matrix: Soil
 %Solids: 81.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.03	1	9/12/05
Iodomethane	BQL	5.03	1	9/12/05
Isopropylbenzene	BQL	5.03	1	9/12/05
4-Isopropyltoluene	BQL	5.03	1	9/12/05
Methylene chloride	BQL	20.1	1	9/12/05
4-Methyl-2-pentanone	BQL	5.03	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	5.03	1	9/12/05
Naphthalene	BQL	5.03	1	9/12/05
n-Propyl benzene	BQL	5.03	1	9/12/05
Styrene	BQL	5.03	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	5.03	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	5.03	1	9/12/05
Tetrachloroethene	BQL	5.03	1	9/12/05
Toluene	BQL	5.03	1	9/12/05
1,2,3-Trichlorobenzene	BQL	5.03	1	9/12/05
1,2,4-Trichlorobenzene	BQL	5.03	1	9/12/05
Trichloroethene	BQL	5.03	1	9/12/05
1,1,1-Trichloroethane	BQL	5.03	1	9/12/05
1,1,2-Trichloroethane	BQL	5.03	1	9/12/05
Trichlorofluoromethane	BQL	5.03	1	9/12/05
1,2,3-Trichloropropane	BQL	5.03	1	9/12/05
1,2,4-Trimethylbenzene	BQL	5.03	1	9/12/05
1,3,5-Trimethylbenzene	BQL	5.03	1	9/12/05
Vinyl chloride	BQL	5.03	1	9/12/05
m-,p-Xylene	BQL	10.1	1	9/12/05
o-Xylene	BQL	5.03	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	36.4	73
1,2-Dichloroethane-d4	50	58.1	116
Toluene-d8	50	50.6	101

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP24-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-2A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 10:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	55.2	1	9/12/05
Benzene	BQL	5.52	1	9/12/05
Bromobenzene	BQL	5.52	1	9/12/05
Bromochloromethane	BQL	5.52	1	9/12/05
Bromodichloromethane	BQL	5.52	1	9/12/05
Bromoform	BQL	5.52	1	9/12/05
Bromomethane	BQL	5.52	1	9/12/05
2-Butanone	BQL	27.6	1	9/12/05
n-Butylbenzene	BQL	5.52	1	9/12/05
sec-Butylbenzene	BQL	5.52	1	9/12/05
tert-Butylbenzene	BQL	5.52	1	9/12/05
Carbon disulfide	BQL	5.52	1	9/12/05
Carbon tetrachloride	BQL	5.52	1	9/12/05
Chlorobenzene	BQL	5.52	1	9/12/05
Chloroethane	BQL	5.52	1	9/12/05
Chloroform	BQL	5.52	1	9/12/05
Chloromethane	BQL	5.52	1	9/12/05
2-Chlorotoluene	BQL	5.52	1	9/12/05
4-Chlorotoluene	BQL	5.52	1	9/12/05
Dibromochloromethane	BQL	5.52	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	5.52	1	9/12/05
Dibromomethane	BQL	5.52	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	5.52	1	9/12/05
1,2-Dichlorobenzene	BQL	5.52	1	9/12/05
1,3-Dichlorobenzene	BQL	5.52	1	9/12/05
1,4-Dichlorobenzene	BQL	5.52	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	5.52	1	9/12/05
1,1-Dichloroethane	BQL	5.52	1	9/12/05
1,1-Dichloroethene	BQL	5.52	1	9/12/05
1,2-Dichloroethane	BQL	5.52	1	9/12/05
cis-1,2-Dichloroethene	BQL	5.52	1	9/12/05
trans-1,2-dichloroethene	BQL	5.52	1	9/12/05
1,2-Dichloropropane	BQL	5.52	1	9/12/05
1,3-Dichloropropane	BQL	5.52	1	9/12/05
2,2-Dichloropropane	BQL	5.52	1	9/12/05
1,1-Dichloropropene	BQL	5.52	1	9/12/05
cis-1,3-Dichloropropene	BQL	5.52	1	9/12/05
trans-1,3-Dichloropropene	BQL	5.52	1	9/12/05
Dichlorodifluoromethane	BQL	5.52	1	9/12/05
Diisopropyl ether (DIPE)	BQL	5.52	1	9/12/05
Ethylbenzene	BQL	5.52	1	9/12/05
Hexachlorobutadiene	BQL	5.52	1	9/12/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP24-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-2A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 10:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.52	1	9/12/05
Iodomethane	BQL	5.52	1	9/12/05
Isopropylbenzene	BQL	5.52	1	9/12/05
4-Isopropyltoluene	BQL	5.52	1	9/12/05
Methylene chloride	BQL	22.1	1	9/12/05
4-Methyl-2-pentanone	BQL	5.52	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	5.52	1	9/12/05
Naphthalene	BQL	5.52	1	9/12/05
n-Propyl benzene	BQL	5.52	1	9/12/05
Styrene	BQL	5.52	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	5.52	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	5.52	1	9/12/05
Tetrachloroethene	BQL	5.52	1	9/12/05
Toluene	BQL	5.52	1	9/12/05
1,2,3-Trichlorobenzene	BQL	5.52	1	9/12/05
1,2,4-Trichlorobenzene	BQL	5.52	1	9/12/05
Trichloroethene	BQL	5.52	1	9/12/05
1,1,1-Trichloroethane	BQL	5.52	1	9/12/05
1,1,2-Trichloroethane	BQL	5.52	1	9/12/05
Trichlorofluoromethane	BQL	5.52	1	9/12/05
1,2,3-Trichloropropane	BQL	5.52	1	9/12/05
1,2,4-Trimethylbenzene	BQL	5.52	1	9/12/05
1,3,5-Trimethylbenzene	BQL	5.52	1	9/12/05
Vinyl chloride	BQL	5.52	1	9/12/05
m-,p-Xylene	BQL	11.0	1	9/12/05
o-Xylene	BQL	5.52	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	36.3	73
1,2-Dichloroethane-d4	50	58.3	117
Toluene-d8	50	50.8	102

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP25-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-3A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 10:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 80.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	49.8	1	9/12/05
Benzene	BQL	4.98	1	9/12/05
Bromobenzene	BQL	4.98	1	9/12/05
Bromochloromethane	BQL	4.98	1	9/12/05
Bromodichloromethane	BQL	4.98	1	9/12/05
Bromoform	BQL	4.98	1	9/12/05
Bromomethane	BQL	4.98	1	9/12/05
2-Butanone	BQL	24.9	1	9/12/05
n-Butylbenzene	BQL	4.98	1	9/12/05
sec-Butylbenzene	BQL	4.98	1	9/12/05
tert-Butylbenzene	BQL	4.98	1	9/12/05
Carbon disulfide	BQL	4.98	1	9/12/05
Carbon tetrachloride	BQL	4.98	1	9/12/05
Chlorobenzene	BQL	4.98	1	9/12/05
Chloroethane	BQL	4.98	1	9/12/05
Chloroform	BQL	4.98	1	9/12/05
Chloromethane	BQL	4.98	1	9/12/05
2-Chlorotoluene	BQL	4.98	1	9/12/05
4-Chlorotoluene	BQL	4.98	1	9/12/05
Dibromochloromethane	BQL	4.98	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	4.98	1	9/12/05
Dibromomethane	BQL	4.98	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	4.98	1	9/12/05
1,2-Dichlorobenzene	BQL	4.98	1	9/12/05
1,3-Dichlorobenzene	BQL	4.98	1	9/12/05
1,4-Dichlorobenzene	BQL	4.98	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	4.98	1	9/12/05
1,1-Dichloroethane	BQL	4.98	1	9/12/05
1,1-Dichloroethene	BQL	4.98	1	9/12/05
1,2-Dichloroethane	BQL	4.98	1	9/12/05
cis-1,2-Dichloroethene	BQL	4.98	1	9/12/05
trans-1,2-dichloroethene	BQL	4.98	1	9/12/05
1,2-Dichloropropane	BQL	4.98	1	9/12/05
1,3-Dichloropropane	BQL	4.98	1	9/12/05
2,2-Dichloropropane	BQL	4.98	1	9/12/05
1,1-Dichloropropene	BQL	4.98	1	9/12/05
cis-1,3-Dichloropropene	BQL	4.98	1	9/12/05
trans-1,3-Dichloropropene	BQL	4.98	1	9/12/05
Dichlorodifluoromethane	BQL	4.98	1	9/12/05
Diisopropyl ether (DIPE)	BQL	4.98	1	9/12/05
Ethylbenzene	BQL	4.98	1	9/12/05
Hexachlorobutadiene	BQL	4.98	1	9/12/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP25-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-3A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 10:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 80.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	4.98	1	9/12/05
Iodomethane	BQL	4.98	1	9/12/05
Isopropylbenzene	BQL	4.98	1	9/12/05
4-Isopropyltoluene	BQL	4.98	1	9/12/05
Methylene chloride	BQL	19.9	1	9/12/05
4-Methyl-2-pentanone	BQL	4.98	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	4.98	1	9/12/05
Naphthalene	BQL	4.98	1	9/12/05
n-Propyl benzene	BQL	4.98	1	9/12/05
Styrene	BQL	4.98	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	4.98	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	4.98	1	9/12/05
Tetrachloroethene	BQL	4.98	1	9/12/05
Toluene	BQL	4.98	1	9/12/05
1,2,3-Trichlorobenzene	BQL	4.98	1	9/12/05
1,2,4-Trichlorobenzene	BQL	4.98	1	9/12/05
Trichloroethene	BQL	4.98	1	9/12/05
1,1,1-Trichloroethane	BQL	4.98	1	9/12/05
1,1,2-Trichloroethane	BQL	4.98	1	9/12/05
Trichlorofluoromethane	BQL	4.98	1	9/12/05
1,2,3-Trichloropropane	BQL	4.98	1	9/12/05
1,2,4-Trimethylbenzene	BQL	4.98	1	9/12/05
1,3,5-Trimethylbenzene	BQL	4.98	1	9/12/05
Vinyl chloride	BQL	4.98	1	9/12/05
m-,p-Xylene	BQL	9.95	1	9/12/05
o-Xylene	BQL	4.98	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	36	72
1,2-Dichloroethane-d4	50	60.3	121
Toluene-d8	50	51.4	103

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP26-11
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-4A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 11:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 78.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	53.2	1	9/12/05
Benzene	BQL	5.32	1	9/12/05
Bromobenzene	BQL	5.32	1	9/12/05
Bromochloromethane	BQL	5.32	1	9/12/05
Bromodichloromethane	BQL	5.32	1	9/12/05
Bromoform	BQL	5.32	1	9/12/05
Bromomethane	BQL	5.32	1	9/12/05
2-Butanone	BQL	26.6	1	9/12/05
n-Butylbenzene	BQL	5.32	1	9/12/05
sec-Butylbenzene	BQL	5.32	1	9/12/05
tert-Butylbenzene	BQL	5.32	1	9/12/05
Carbon disulfide	BQL	5.32	1	9/12/05
Carbon tetrachloride	BQL	5.32	1	9/12/05
Chlorobenzene	BQL	5.32	1	9/12/05
Chloroethane	BQL	5.32	1	9/12/05
Chloroform	BQL	5.32	1	9/12/05
Chloromethane	BQL	5.32	1	9/12/05
2-Chlorotoluene	BQL	5.32	1	9/12/05
4-Chlorotoluene	BQL	5.32	1	9/12/05
Dibromochloromethane	BQL	5.32	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	5.32	1	9/12/05
Dibromomethane	BQL	5.32	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	5.32	1	9/12/05
1,2-Dichlorobenzene	BQL	5.32	1	9/12/05
1,3-Dichlorobenzene	BQL	5.32	1	9/12/05
1,4-Dichlorobenzene	BQL	5.32	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	5.32	1	9/12/05
1,1-Dichloroethane	BQL	5.32	1	9/12/05
1,1-Dichloroethene	BQL	5.32	1	9/12/05
1,2-Dichloroethane	BQL	5.32	1	9/12/05
cis-1,2-Dichloroethene	BQL	5.32	1	9/12/05
trans-1,2-dichloroethene	BQL	5.32	1	9/12/05
1,2-Dichloropropane	BQL	5.32	1	9/12/05
1,3-Dichloropropane	BQL	5.32	1	9/12/05
2,2-Dichloropropane	BQL	5.32	1	9/12/05
1,1-Dichloropropene	BQL	5.32	1	9/12/05
cis-1,3-Dichloropropene	BQL	5.32	1	9/12/05
trans-1,3-Dichloropropene	BQL	5.32	1	9/12/05
Dichlorodifluoromethane	BQL	5.32	1	9/12/05
Diisopropyl ether (DIPE)	BQL	5.32	1	9/12/05
Ethylbenzene	BQL	5.32	1	9/12/05
Hexachlorobutadiene	BQL	5.32	1	9/12/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP26-11
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-4A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 11:00
Date Received: 9/10/05
Matrix: Soil
%Solids: 78.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.32	1	9/12/05
Iodomethane	BQL	5.32	1	9/12/05
Isopropylbenzene	BQL	5.32	1	9/12/05
4-Isopropyltoluene	BQL	5.32	1	9/12/05
Methylene chloride	BQL	21.3	1	9/12/05
4-Methyl-2-pentanone	BQL	5.32	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	5.32	1	9/12/05
Naphthalene	BQL	5.32	1	9/12/05
n-Propyl benzene	BQL	5.32	1	9/12/05
Styrene	BQL	5.32	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	5.32	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	5.32	1	9/12/05
Tetrachloroethene	BQL	5.32	1	9/12/05
Toluene	BQL	5.32	1	9/12/05
1,2,3-Trichlorobenzene	BQL	5.32	1	9/12/05
1,2,4-Trichlorobenzene	BQL	5.32	1	9/12/05
Trichloroethene	BQL	5.32	1	9/12/05
1,1,1-Trichloroethane	BQL	5.32	1	9/12/05
1,1,2-Trichloroethane	BQL	5.32	1	9/12/05
Trichlorofluoromethane	BQL	5.32	1	9/12/05
1,2,3-Trichloropropane	BQL	5.32	1	9/12/05
1,2,4-Trimethylbenzene	BQL	5.32	1	9/12/05
1,3,5-Trimethylbenzene	BQL	5.32	1	9/12/05
Vinyl chloride	BQL	5.32	1	9/12/05
m-,p-Xylene	BQL	10.6	1	9/12/05
o-Xylene	BQL	5.32	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	39	78
1,2-Dichloroethane-d4	50	58.2	116
Toluene-d8	50	50.1	100

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP27-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-5A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 11:30
Date Received: 9/10/05
Matrix: Soil
%Solids: 82.9

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	46.5	1	9/12/05
Benzene	BQL	4.65	1	9/12/05
Bromobenzene	BQL	4.65	1	9/12/05
Bromochloromethane	BQL	4.65	1	9/12/05
Bromodichloromethane	BQL	4.65	1	9/12/05
Bromoform	BQL	4.65	1	9/12/05
Bromomethane	BQL	4.65	1	9/12/05
2-Butanone	BQL	23.3	1	9/12/05
n-Butylbenzene	BQL	4.65	1	9/12/05
sec-Butylbenzene	BQL	4.65	1	9/12/05
tert-Butylbenzene	BQL	4.65	1	9/12/05
Carbon disulfide	BQL	4.65	1	9/12/05
Carbon tetrachloride	BQL	4.65	1	9/12/05
Chlorobenzene	BQL	4.65	1	9/12/05
Chloroethane	BQL	4.65	1	9/12/05
Chloroform	BQL	4.65	1	9/12/05
Chloromethane	BQL	4.65	1	9/12/05
2-Chlorotoluene	BQL	4.65	1	9/12/05
4-Chlorotoluene	BQL	4.65	1	9/12/05
Dibromochloromethane	BQL	4.65	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	4.65	1	9/12/05
Dibromomethane	BQL	4.65	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	4.65	1	9/12/05
1,2-Dichlorobenzene	BQL	4.65	1	9/12/05
1,3-Dichlorobenzene	BQL	4.65	1	9/12/05
1,4-Dichlorobenzene	BQL	4.65	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	4.65	1	9/12/05
1,1-Dichloroethane	BQL	4.65	1	9/12/05
1,1-Dichloroethene	BQL	4.65	1	9/12/05
1,2-Dichloroethane	BQL	4.65	1	9/12/05
cis-1,2-Dichloroethene	BQL	4.65	1	9/12/05
trans-1,2-dichloroethene	BQL	4.65	1	9/12/05
1,2-Dichloropropane	BQL	4.65	1	9/12/05
1,3-Dichloropropane	BQL	4.65	1	9/12/05
2,2-Dichloropropane	BQL	4.65	1	9/12/05
1,1-Dichloropropene	BQL	4.65	1	9/12/05
cis-1,3-Dichloropropene	BQL	4.65	1	9/12/05
trans-1,3-Dichloropropene	BQL	4.65	1	9/12/05
Dichlorodifluoromethane	BQL	4.65	1	9/12/05
Diisopropyl ether (DIPE)	BQL	4.65	1	9/12/05
Ethylbenzene	BQL	4.65	1	9/12/05
Hexachlorobutadiene	BQL	4.65	1	9/12/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP27-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-5A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 11:30
Date Received: 9/10/05
Matrix: Soil
%Solids: 82.9

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	4.65	1	9/12/05
Iodomethane	BQL	4.65	1	9/12/05
Isopropylbenzene	BQL	4.65	1	9/12/05
4-Isopropyltoluene	BQL	4.65	1	9/12/05
Methylene chloride	BQL	18.6	1	9/12/05
4-Methyl-2-pentanone	BQL	4.65	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	4.65	1	9/12/05
Naphthalene	BQL	4.65	1	9/12/05
n-Propyl benzene	BQL	4.65	1	9/12/05
Styrene	BQL	4.65	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	4.65	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	4.65	1	9/12/05
Tetrachloroethene	BQL	4.65	1	9/12/05
Toluene	BQL	4.65	1	9/12/05
1,2,3-Trichlorobenzene	BQL	4.65	1	9/12/05
1,2,4-Trichlorobenzene	BQL	4.65	1	9/12/05
Trichloroethene	BQL	4.65	1	9/12/05
1,1,1-Trichloroethane	BQL	4.65	1	9/12/05
1,1,2-Trichloroethane	BQL	4.65	1	9/12/05
Trichlorofluoromethane	BQL	4.65	1	9/12/05
1,2,3-Trichloropropane	BQL	4.65	1	9/12/05
1,2,4-Trimethylbenzene	BQL	4.65	1	9/12/05
1,3,5-Trimethylbenzene	BQL	4.65	1	9/12/05
Vinyl chloride	BQL	4.65	1	9/12/05
m-,p-Xylene	BQL	9.31	1	9/12/05
o-Xylene	BQL	4.65	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	36.6	73
1,2-Dichloroethane-d4	50	58.5	117
Toluene-d8	50	49.3	99

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: me

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP28-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-6A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	52.6	1	9/12/05
Benzene	BQL	5.26	1	9/12/05
Bromobenzene	BQL	5.26	1	9/12/05
Bromochloromethane	BQL	5.26	1	9/12/05
Bromodichloromethane	BQL	5.26	1	9/12/05
Bromoform	BQL	5.26	1	9/12/05
Bromomethane	BQL	5.26	1	9/12/05
2-Butanone	BQL	26.3	1	9/12/05
n-Butylbenzene	BQL	5.26	1	9/12/05
sec-Butylbenzene	BQL	5.26	1	9/12/05
tert-Butylbenzene	BQL	5.26	1	9/12/05
Carbon disulfide	BQL	5.26	1	9/12/05
Carbon tetrachloride	BQL	5.26	1	9/12/05
Chlorobenzene	BQL	5.26	1	9/12/05
Chloroethane	BQL	5.26	1	9/12/05
Chloroform	BQL	5.26	1	9/12/05
Chloromethane	BQL	5.26	1	9/12/05
2-Chlorotoluene	BQL	5.26	1	9/12/05
4-Chlorotoluene	BQL	5.26	1	9/12/05
Dibromochloromethane	BQL	5.26	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	5.26	1	9/12/05
Dibromomethane	BQL	5.26	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	5.26	1	9/12/05
1,2-Dichlorobenzene	BQL	5.26	1	9/12/05
1,3-Dichlorobenzene	BQL	5.26	1	9/12/05
1,4-Dichlorobenzene	BQL	5.26	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	5.26	1	9/12/05
1,1-Dichloroethane	BQL	5.26	1	9/12/05
1,1-Dichloroethene	BQL	5.26	1	9/12/05
1,2-Dichloroethane	BQL	5.26	1	9/12/05
cis-1,2-Dichloroethene	BQL	5.26	1	9/12/05
trans-1,2-dichloroethene	BQL	5.26	1	9/12/05
1,2-Dichloropropane	BQL	5.26	1	9/12/05
1,3-Dichloropropane	BQL	5.26	1	9/12/05
2,2-Dichloropropane	BQL	5.26	1	9/12/05
1,1-Dichloropropene	BQL	5.26	1	9/12/05
cis-1,3-Dichloropropene	BQL	5.26	1	9/12/05
trans-1,3-Dichloropropene	BQL	5.26	1	9/12/05
Dichlorodifluoromethane	BQL	5.26	1	9/12/05
Diisopropyl ether (DIPE)	BQL	5.26	1	9/12/05
Ethylbenzene	BQL	5.26	1	9/12/05
Hexachlorobutadiene	BQL	5.26	1	9/12/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP28-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-6A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:15
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.26	1	9/12/05
Iodomethane	BQL	5.26	1	9/12/05
Isopropylbenzene	BQL	5.26	1	9/12/05
4-Isopropyltoluene	BQL	5.26	1	9/12/05
Methylene chloride	BQL	21.1	1	9/12/05
4-Methyl-2-pentanone	BQL	5.26	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	5.26	1	9/12/05
Naphthalene	BQL	5.26	1	9/12/05
n-Propyl benzene	BQL	5.26	1	9/12/05
Styrene	BQL	5.26	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	5.26	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	5.26	1	9/12/05
Tetrachloroethene	BQL	5.26	1	9/12/05
Toluene	BQL	5.26	1	9/12/05
1,2,3-Trichlorobenzene	BQL	5.26	1	9/12/05
1,2,4-Trichlorobenzene	BQL	5.26	1	9/12/05
Trichloroethene	BQL	5.26	1	9/12/05
1,1,1-Trichloroethane	BQL	5.26	1	9/12/05
1,1,2-Trichloroethane	BQL	5.26	1	9/12/05
Trichlorofluoromethane	BQL	5.26	1	9/12/05
1,2,3-Trichloropropane	BQL	5.26	1	9/12/05
1,2,4-Trimethylbenzene	BQL	5.26	1	9/12/05
1,3,5-Trimethylbenzene	BQL	5.26	1	9/12/05
Vinyl chloride	BQL	5.26	1	9/12/05
m-,p-Xylene	BQL	10.5	1	9/12/05
o-Xylene	BQL	5.26	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	35.6	71
1,2-Dichloroethane-d4	50	59.1	118
Toluene-d8	50	50.4	101

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: me

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP29-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-7A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:30
Date Received: 9/10/05
Matrix: Soil
%Solids: 84.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	57.4	1	9/12/05
Benzene	BQL	5.74	1	9/12/05
Bromobenzene	BQL	5.74	1	9/12/05
Bromochloromethane	BQL	5.74	1	9/12/05
Bromodichloromethane	BQL	5.74	1	9/12/05
Bromoform	BQL	5.74	1	9/12/05
Bromomethane	BQL	5.74	1	9/12/05
2-Butanone	BQL	28.7	1	9/12/05
n-Butylbenzene	BQL	5.74	1	9/12/05
sec-Butylbenzene	BQL	5.74	1	9/12/05
tert-Butylbenzene	BQL	5.74	1	9/12/05
Carbon disulfide	BQL	5.74	1	9/12/05
Carbon tetrachloride	BQL	5.74	1	9/12/05
Chlorobenzene	BQL	5.74	1	9/12/05
Chloroethane	BQL	5.74	1	9/12/05
Chloroform	BQL	5.74	1	9/12/05
Chloromethane	BQL	5.74	1	9/12/05
2-Chlorotoluene	BQL	5.74	1	9/12/05
4-Chlorotoluene	BQL	5.74	1	9/12/05
Dibromochloromethane	BQL	5.74	1	9/12/05
1,2-Dibromo-3-chloropropane	BQL	5.74	1	9/12/05
Dibromomethane	BQL	5.74	1	9/12/05
1,2-Dibromoethane (EDB)	BQL	5.74	1	9/12/05
1,2-Dichlorobenzene	BQL	5.74	1	9/12/05
1,3-Dichlorobenzene	BQL	5.74	1	9/12/05
1,4-Dichlorobenzene	BQL	5.74	1	9/12/05
trans-1,4-Dichloro-2-butene	BQL	5.74	1	9/12/05
1,1-Dichloroethane	BQL	5.74	1	9/12/05
1,1-Dichloroethene	BQL	5.74	1	9/12/05
1,2-Dichloroethane	BQL	5.74	1	9/12/05
cis-1,2-Dichloroethene	BQL	5.74	1	9/12/05
trans-1,2-dichloroethene	BQL	5.74	1	9/12/05
1,2-Dichloropropane	BQL	5.74	1	9/12/05
1,3-Dichloropropane	BQL	5.74	1	9/12/05
2,2-Dichloropropane	BQL	5.74	1	9/12/05
1,1-Dichloropropene	BQL	5.74	1	9/12/05
cis-1,3-Dichloropropene	BQL	5.74	1	9/12/05
trans-1,3-Dichloropropene	BQL	5.74	1	9/12/05
Dichlorodifluoromethane	BQL	5.74	1	9/12/05
Diisopropyl ether (DIPE)	BQL	5.74	1	9/12/05
Ethylbenzene	BQL	5.74	1	9/12/05
Hexachlorobutadiene	BQL	5.74	1	9/12/05

PARADIGM ANALYTICAL LABORATORIES, INC.

**Results for Volatiles
by GCMS 8260-5035**

Client Sample ID: P8GP29-15
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID G106-550-7A
 Lab Project ID: G106-550
 Report Basis: Dry Weight

Analyzed By: JTF
 Date Collected: 09-09-2005 14:30
 Date Received: 9/10/05
 Matrix: Soil
 %Solids: 84.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.74	1	9/12/05
Iodomethane	BQL	5.74	1	9/12/05
Isopropylbenzene	BQL	5.74	1	9/12/05
4-Isopropyltoluene	BQL	5.74	1	9/12/05
Methylene chloride	BQL	22.9	1	9/12/05
4-Methyl-2-pentanone	BQL	5.74	1	9/12/05
Methyl-tert-butyl ether (MTBE)	BQL	5.74	1	9/12/05
Naphthalene	BQL	5.74	1	9/12/05
n-Propyl benzene	BQL	5.74	1	9/12/05
Styrene	BQL	5.74	1	9/12/05
1,1,1,2-Tetrachloroethane	BQL	5.74	1	9/12/05
1,1,2,2-Tetrachloroethane	BQL	5.74	1	9/12/05
Tetrachloroethene	BQL	5.74	1	9/12/05
Toluene	BQL	5.74	1	9/12/05
1,2,3-Trichlorobenzene	BQL	5.74	1	9/12/05
1,2,4-Trichlorobenzene	BQL	5.74	1	9/12/05
Trichloroethene	BQL	5.74	1	9/12/05
1,1,1-Trichloroethane	BQL	5.74	1	9/12/05
1,1,2-Trichloroethane	BQL	5.74	1	9/12/05
Trichlorofluoromethane	BQL	5.74	1	9/12/05
1,2,3-Trichloropropane	BQL	5.74	1	9/12/05
1,2,4-Trimethylbenzene	BQL	5.74	1	9/12/05
1,3,5-Trimethylbenzene	BQL	5.74	1	9/12/05
Vinyl chloride	BQL	5.74	1	9/12/05
m-,p-Xylene	BQL	11.5	1	9/12/05
o-Xylene	BQL	5.74	1	9/12/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	38.2	76
1,2-Dichloroethane-d4	50	61.3	123
Toluene-d8	50	51.3	103

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP30-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-8B
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:35
Date Received: 9/10/05
Matrix: Soil
%Solids: 77.9

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	58.4	1	9/13/05
Benzene	BQL	5.84	1	9/13/05
Bromobenzene	BQL	5.84	1	9/13/05
Bromochloromethane	BQL	5.84	1	9/13/05
Bromodichloromethane	BQL	5.84	1	9/13/05
Bromoform	BQL	5.84	1	9/13/05
Bromomethane	BQL	5.84	1	9/13/05
2-Butanone	BQL	29.2	1	9/13/05
n-Butylbenzene	BQL	5.84	1	9/13/05
sec-Butylbenzene	BQL	5.84	1	9/13/05
tert-Butylbenzene	BQL	5.84	1	9/13/05
Carbon disulfide	BQL	5.84	1	9/13/05
Carbon tetrachloride	BQL	5.84	1	9/13/05
Chlorobenzene	BQL	5.84	1	9/13/05
Chloroethane	BQL	5.84	1	9/13/05
Chloroform	BQL	5.84	1	9/13/05
Chloromethane	BQL	5.84	1	9/13/05
2-Chlorotoluene	BQL	5.84	1	9/13/05
4-Chlorotoluene	BQL	5.84	1	9/13/05
Dibromochloromethane	BQL	5.84	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	5.84	1	9/13/05
Dibromomethane	BQL	5.84	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	5.84	1	9/13/05
1,2-Dichlorobenzene	BQL	5.84	1	9/13/05
1,3-Dichlorobenzene	BQL	5.84	1	9/13/05
1,4-Dichlorobenzene	BQL	5.84	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	5.84	1	9/13/05
1,1-Dichloroethane	BQL	5.84	1	9/13/05
1,1-Dichloroethene	BQL	5.84	1	9/13/05
1,2-Dichloroethane	BQL	5.84	1	9/13/05
cis-1,2-Dichloroethene	BQL	5.84	1	9/13/05
trans-1,2-dichloroethene	BQL	5.84	1	9/13/05
1,2-Dichloropropane	BQL	5.84	1	9/13/05
1,3-Dichloropropane	BQL	5.84	1	9/13/05
2,2-Dichloropropane	BQL	5.84	1	9/13/05
1,1-Dichloropropene	BQL	5.84	1	9/13/05
cis-1,3-Dichloropropene	BQL	5.84	1	9/13/05
trans-1,3-Dichloropropene	BQL	5.84	1	9/13/05
Dichlorodifluoromethane	BQL	5.84	1	9/13/05
Diisopropyl ether (DIPE)	BQL	5.84	1	9/13/05
Ethylbenzene	BQL	5.84	1	9/13/05
Hexachlorobutadiene	BQL	5.84	1	9/13/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP30-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-8B
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:35
Date Received: 9/10/05
Matrix: Soil
%Solids: 77.9

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.84	1	9/13/05
Iodomethane	BQL	5.84	1	9/13/05
Isopropylbenzene	BQL	5.84	1	9/13/05
4-Isopropyltoluene	BQL	5.84	1	9/13/05
Methylene chloride	BQL	23.4	1	9/13/05
4-Methyl-2-pentanone	BQL	5.84	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	5.84	1	9/13/05
Naphthalene	BQL	5.84	1	9/13/05
n-Propyl benzene	BQL	5.84	1	9/13/05
Styrene	BQL	5.84	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	5.84	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	5.84	1	9/13/05
Tetrachloroethene	BQL	5.84	1	9/13/05
Toluene	BQL	5.84	1	9/13/05
1,2,3-Trichlorobenzene	BQL	5.84	1	9/13/05
1,2,4-Trichlorobenzene	BQL	5.84	1	9/13/05
Trichloroethene	BQL	5.84	1	9/13/05
1,1,1-Trichloroethane	BQL	5.84	1	9/13/05
1,1,2-Trichloroethane	BQL	5.84	1	9/13/05
Trichlorofluoromethane	BQL	5.84	1	9/13/05
1,2,3-Trichloropropane	BQL	5.84	1	9/13/05
1,2,4-Trimethylbenzene	BQL	5.84	1	9/13/05
1,3,5-Trimethylbenzene	BQL	5.84	1	9/13/05
Vinyl chloride	BQL	5.84	1	9/13/05
m-,p-Xylene	BQL	11.7	1	9/13/05
o-Xylene	BQL	5.84	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	48.2	96
1,2-Dichloroethane-d4	50	61.3	123
Toluene-d8	50	51.9	104

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP31-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-9A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:45
Date Received: 9/10/05
Matrix: Soil
%Solids: 83.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	50.7	1	9/13/05
Benzene	BQL	5.07	1	9/13/05
Bromobenzene	BQL	5.07	1	9/13/05
Bromochloromethane	BQL	5.07	1	9/13/05
Bromodichloromethane	BQL	5.07	1	9/13/05
Bromoform	BQL	5.07	1	9/13/05
Bromomethane	BQL	5.07	1	9/13/05
2-Butanone	BQL	25.3	1	9/13/05
n-Butylbenzene	BQL	5.07	1	9/13/05
sec-Butylbenzene	BQL	5.07	1	9/13/05
tert-Butylbenzene	BQL	5.07	1	9/13/05
Carbon disulfide	BQL	5.07	1	9/13/05
Carbon tetrachloride	BQL	5.07	1	9/13/05
Chlorobenzene	BQL	5.07	1	9/13/05
Chloroethane	BQL	5.07	1	9/13/05
Chloroform	BQL	5.07	1	9/13/05
Chloromethane	BQL	5.07	1	9/13/05
2-Chlorotoluene	BQL	5.07	1	9/13/05
4-Chlorotoluene	BQL	5.07	1	9/13/05
Dibromochloromethane	BQL	5.07	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	5.07	1	9/13/05
Dibromomethane	BQL	5.07	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	5.07	1	9/13/05
1,2-Dichlorobenzene	BQL	5.07	1	9/13/05
1,3-Dichlorobenzene	BQL	5.07	1	9/13/05
1,4-Dichlorobenzene	BQL	5.07	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	5.07	1	9/13/05
1,1-Dichloroethane	BQL	5.07	1	9/13/05
1,1-Dichloroethene	BQL	5.07	1	9/13/05
1,2-Dichloroethane	BQL	5.07	1	9/13/05
cis-1,2-Dichloroethene	BQL	5.07	1	9/13/05
trans-1,2-dichloroethene	BQL	5.07	1	9/13/05
1,2-Dichloropropane	BQL	5.07	1	9/13/05
1,3-Dichloropropane	BQL	5.07	1	9/13/05
2,2-Dichloropropane	BQL	5.07	1	9/13/05
1,1-Dichloropropene	BQL	5.07	1	9/13/05
cis-1,3-Dichloropropene	BQL	5.07	1	9/13/05
trans-1,3-Dichloropropene	BQL	5.07	1	9/13/05
Dichlorodifluoromethane	BQL	5.07	1	9/13/05
Diisopropyl ether (DIPE)	BQL	5.07	1	9/13/05
Ethylbenzene	BQL	5.07	1	9/13/05
Hexachlorobutadiene	BQL	5.07	1	9/13/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP31-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-9A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:45
Date Received: 9/10/05
Matrix: Soil
%Solids: 83.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	5.07	1	9/13/05
Iodomethane	BQL	5.07	1	9/13/05
Isopropylbenzene	BQL	5.07	1	9/13/05
4-Isopropyltoluene	BQL	5.07	1	9/13/05
Methylene chloride	BQL	20.3	1	9/13/05
4-Methyl-2-pentanone	BQL	5.07	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	5.07	1	9/13/05
Naphthalene	BQL	5.07	1	9/13/05
n-Propyl benzene	BQL	5.07	1	9/13/05
Styrene	BQL	5.07	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	5.07	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	5.07	1	9/13/05
Tetrachloroethene	BQL	5.07	1	9/13/05
Toluene	BQL	5.07	1	9/13/05
1,2,3-Trichlorobenzene	BQL	5.07	1	9/13/05
1,2,4-Trichlorobenzene	BQL	5.07	1	9/13/05
Trichloroethene	BQL	5.07	1	9/13/05
1,1,1-Trichloroethane	BQL	5.07	1	9/13/05
1,1,2-Trichloroethane	BQL	5.07	1	9/13/05
Trichlorofluoromethane	BQL	5.07	1	9/13/05
1,2,3-Trichloropropane	BQL	5.07	1	9/13/05
1,2,4-Trimethylbenzene	BQL	5.07	1	9/13/05
1,3,5-Trimethylbenzene	BQL	5.07	1	9/13/05
Vinyl chloride	BQL	5.07	1	9/13/05
m-,p-Xylene	BQL	10.1	1	9/13/05
o-Xylene	BQL	5.07	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	39.7	79
1,2-Dichloroethane-d4	50	58.6	117
Toluene-d8	50	50.6	101

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: ml

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP32-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-10A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:59
Date Received: 9/10/05
Matrix: Soil
%Solids: 85.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
Acetone	BQL	42.8	1	9/13/05
Benzene	BQL	4.28	1	9/13/05
Bromobenzene	BQL	4.28	1	9/13/05
Bromochloromethane	BQL	4.28	1	9/13/05
Bromodichloromethane	BQL	4.28	1	9/13/05
Bromoform	BQL	4.28	1	9/13/05
Bromomethane	BQL	4.28	1	9/13/05
2-Butanone	BQL	21.4	1	9/13/05
n-Butylbenzene	BQL	4.28	1	9/13/05
sec-Butylbenzene	BQL	4.28	1	9/13/05
tert-Butylbenzene	BQL	4.28	1	9/13/05
Carbon disulfide	BQL	4.28	1	9/13/05
Carbon tetrachloride	BQL	4.28	1	9/13/05
Chlorobenzene	BQL	4.28	1	9/13/05
Chloroethane	BQL	4.28	1	9/13/05
Chloroform	BQL	4.28	1	9/13/05
Chloromethane	BQL	4.28	1	9/13/05
2-Chlorotoluene	BQL	4.28	1	9/13/05
4-Chlorotoluene	BQL	4.28	1	9/13/05
Dibromochloromethane	BQL	4.28	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	4.28	1	9/13/05
Dibromomethane	BQL	4.28	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	4.28	1	9/13/05
1,2-Dichlorobenzene	BQL	4.28	1	9/13/05
1,3-Dichlorobenzene	BQL	4.28	1	9/13/05
1,4-Dichlorobenzene	BQL	4.28	1	9/13/05
trans-1,4-Dichloro-2-butene	BQL	4.28	1	9/13/05
1,1-Dichloroethane	BQL	4.28	1	9/13/05
1,1-Dichloroethene	BQL	4.28	1	9/13/05
1,2-Dichloroethane	BQL	4.28	1	9/13/05
cis-1,2-Dichloroethene	BQL	4.28	1	9/13/05
trans-1,2-dichloroethene	BQL	4.28	1	9/13/05
1,2-Dichloropropane	BQL	4.28	1	9/13/05
1,3-Dichloropropane	BQL	4.28	1	9/13/05
2,2-Dichloropropane	BQL	4.28	1	9/13/05
1,1-Dichloropropene	BQL	4.28	1	9/13/05
cis-1,3-Dichloropropene	BQL	4.28	1	9/13/05
trans-1,3-Dichloropropene	BQL	4.28	1	9/13/05
Dichlorodifluoromethane	BQL	4.28	1	9/13/05
Diisopropyl ether (DIPE)	BQL	4.28	1	9/13/05
Ethylbenzene	BQL	4.28	1	9/13/05
Hexachlorobutadiene	BQL	4.28	1	9/13/05

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: P8GP32-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID G106-550-10A
Lab Project ID: G106-550
Report Basis: Dry Weight

Analyzed By: JTF
Date Collected: 09-09-2005 14:59
Date Received: 9/10/05
Matrix: Soil
%Solids: 85.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	Dilution Factor	Date Analyzed
2-Hexanone	BQL	4.28	1	9/13/05
Iodomethane	BQL	4.28	1	9/13/05
Isopropylbenzene	BQL	4.28	1	9/13/05
4-Isopropyltoluene	BQL	4.28	1	9/13/05
Methylene chloride	BQL	17.1	1	9/13/05
4-Methyl-2-pentanone	BQL	4.28	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	4.28	1	9/13/05
Naphthalene	BQL	4.28	1	9/13/05
n-Propyl benzene	BQL	4.28	1	9/13/05
Styrene	BQL	4.28	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	4.28	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	4.28	1	9/13/05
Tetrachloroethene	BQL	4.28	1	9/13/05
Toluene	BQL	4.28	1	9/13/05
1,2,3-Trichlorobenzene	BQL	4.28	1	9/13/05
1,2,4-Trichlorobenzene	BQL	4.28	1	9/13/05
Trichloroethene	BQL	4.28	1	9/13/05
1,1,1-Trichloroethane	BQL	4.28	1	9/13/05
1,1,2-Trichloroethane	BQL	4.28	1	9/13/05
Trichlorofluoromethane	BQL	4.28	1	9/13/05
1,2,3-Trichloropropane	BQL	4.28	1	9/13/05
1,2,4-Trimethylbenzene	BQL	4.28	1	9/13/05
1,3,5-Trimethylbenzene	BQL	4.28	1	9/13/05
Vinyl chloride	BQL	4.28	1	9/13/05
m-,p-Xylene	BQL	8.55	1	9/13/05
o-Xylene	BQL	4.28	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	50	42.7	85
1,2-Dichloroethane-d4	50	58.7	117
Toluene-d8	50	50.3	101

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP23-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-1F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 9:40
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 81.7

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	364	1	9/14/2005
Acenaphthylene	BQL	364	1	9/14/2005
Anthracene	BQL	364	1	9/14/2005
Benzo[a]anthracene	BQL	364	1	9/14/2005
Benzo[a]pyrene	BQL	364	1	9/14/2005
Benzo[b]fluoranthene	BQL	364	1	9/14/2005
Benzo[g,h,i]perylene	BQL	364	1	9/14/2005
Benzo[k]fluoranthene	BQL	364	1	9/14/2005
Benzoic Acid	BQL	728	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	364	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	364	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	364	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	364	1	9/14/2005
4-bromophenyl phenyl ether	BQL	364	1	9/14/2005
Butylbenzylphthalate	BQL	364	1	9/14/2005
2-Chloronaphthalene	BQL	364	1	9/14/2005
2-Chlorophenol	BQL	364	1	9/14/2005
4-Chloro-3-methylphenol	BQL	364	1	9/14/2005
4-Chloroaniline	BQL	1820	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	364	1	9/14/2005
Chrysene	BQL	364	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	364	1	9/14/2005
Dibenzofuran	BQL	364	1	9/14/2005
Di-n-Butylphthalate	BQL	364	1	9/14/2005
1,2-Dichlorobenzene	BQL	364	1	9/14/2005
1,3-Dichlorobenzene	BQL	364	1	9/14/2005
1,4-Dichlorobenzene	BQL	364	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	728	1	9/14/2005
2,4-Dichlorophenol	BQL	364	1	9/14/2005
Diethylphthalate	BQL	364	1	9/14/2005
Dimethylphthalate	BQL	364	1	9/14/2005
2,4-Dimethylphenol	BQL	364	1	9/14/2005
Di-n-octylphthalate	BQL	364	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1820	1	9/14/2005
2,4-Dinitrophenol	BQL	1820	1	9/14/2005
2,4-Dinitrotoluene	BQL	364	1	9/14/2005
2,6-Dinitrotoluene	BQL	364	1	9/14/2005
Diphenylamine *	BQL	364	1	9/14/2005
Fluoranthene	BQL	364	1	9/14/2005
Fluorene	BQL	364	1	9/14/2005
Hexachlorobenzene	BQL	364	1	9/14/2005
Hexachlorobutadiene	BQL	364	1	9/14/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP23-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-1F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 9:40
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 81.7

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	728	1	9/14/2005
Hexachloroethane	BQL	364	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	364	1	9/14/2005
Isophorone	BQL	364	1	9/14/2005
2-Methylnaphthalene	BQL	364	1	9/14/2005
2-Methylphenol	BQL	364	1	9/14/2005
3- & 4-Methylphenol	BQL	364	1	9/14/2005
Naphthalene	BQL	364	1	9/14/2005
2-Nitroaniline	BQL	364	1	9/14/2005
3-Nitroaniline	BQL	1820	1	9/14/2005
4-Nitroaniline	BQL	1820	1	9/14/2005
Nitrobenzene	BQL	364	1	9/14/2005
2-Nitrophenol	BQL	364	1	9/14/2005
4-Nitrophenol	BQL	1820	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	364	1	9/14/2005
Pentachlorophenol	BQL	1820	1	9/14/2005
Phenanthrene	BQL	364	1	9/14/2005
Phenol	BQL	364	1	9/14/2005
Pyrene	BQL	364	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	364	1	9/14/2005
2,4,5-Trichlorophenol	BQL	364	1	9/14/2005
2,4,6-Trichlorophenol	BQL	364	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.6	116
2-Fluorophenol	10	10.5	105
Nitrobenzene-d5	10	10.1	101
Phenol-d6	10	11.3	113
2,4,6-Tribromophenol	10	8.1	81
4-Terphenyl-d14	10	11.6	116

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP24-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-2F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 10:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.62

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	360	1	9/14/2005
Acenaphthylene	BQL	360	1	9/14/2005
Anthracene	BQL	360	1	9/14/2005
Benzo[a]anthracene	BQL	360	1	9/14/2005
Benzo[a]pyrene	BQL	360	1	9/14/2005
Benzo[b]fluoranthene	BQL	360	1	9/14/2005
Benzo[g,h,i]perylene	BQL	360	1	9/14/2005
Benzo[k]fluoranthene	BQL	360	1	9/14/2005
Benzoic Acid	BQL	720	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	360	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	360	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	360	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	360	1	9/14/2005
4-bromophenyl phenyl ether	BQL	360	1	9/14/2005
Butylbenzylphthalate	BQL	360	1	9/14/2005
2-Chloronaphthalene	BQL	360	1	9/14/2005
2-Chlorophenol	BQL	360	1	9/14/2005
4-Chloro-3-methylphenol	BQL	360	1	9/14/2005
4-Chloroaniline	BQL	1800	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	360	1	9/14/2005
Chrysene	BQL	360	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	360	1	9/14/2005
Dibenzofuran	BQL	360	1	9/14/2005
Di-n-Butylphthalate	BQL	360	1	9/14/2005
1,2-Dichlorobenzene	BQL	360	1	9/14/2005
1,3-Dichlorobenzene	BQL	360	1	9/14/2005
1,4-Dichlorobenzene	BQL	360	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	720	1	9/14/2005
2,4-Dichlorophenol	BQL	360	1	9/14/2005
Diethylphthalate	BQL	360	1	9/14/2005
Dimethylphthalate	BQL	360	1	9/14/2005
2,4-Dimethylphenol	BQL	360	1	9/14/2005
Di-n-octylphthalate	BQL	360	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1800	1	9/14/2005
2,4-Dinitrophenol	BQL	1800	1	9/14/2005
2,4-Dinitrotoluene	BQL	360	1	9/14/2005
2,6-Dinitrotoluene	BQL	360	1	9/14/2005
Diphenylamine *	BQL	360	1	9/14/2005
Fluoranthene	BQL	360	1	9/14/2005
Fluorene	BQL	360	1	9/14/2005
Hexachlorobenzene	BQL	360	1	9/14/2005
Hexachlorobutadiene	BQL	360	1	9/14/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP24-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-2F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 10:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.62

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	720	1	9/14/2005
Hexachloroethane	BQL	360	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	360	1	9/14/2005
Isophorone	BQL	360	1	9/14/2005
2-Methylnaphthalene	BQL	360	1	9/14/2005
2-Methylphenol	BQL	360	1	9/14/2005
3- & 4-Methylphenol	BQL	360	1	9/14/2005
Naphthalene	BQL	360	1	9/14/2005
2-Nitroaniline	BQL	360	1	9/14/2005
3-Nitroaniline	BQL	1800	1	9/14/2005
4-Nitroaniline	BQL	1800	1	9/14/2005
Nitrobenzene	BQL	360	1	9/14/2005
2-Nitrophenol	BQL	360	1	9/14/2005
4-Nitrophenol	BQL	1800	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	360	1	9/14/2005
Pentachlorophenol	BQL	1800	1	9/14/2005
Phenanthrene	BQL	360	1	9/14/2005
Phenol	BQL	360	1	9/14/2005
Pyrene	BQL	360	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	360	1	9/14/2005
2,4,5-Trichlorophenol	BQL	360	1	9/14/2005
2,4,6-Trichlorophenol	BQL	360	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.7	107
2-Fluorophenol	10	11.7	117
Nitrobenzene-d5	10	10.7	107
Phenol-d6	10	11.2	112
2,4,6-Tribromophenol	10	7.3	73
4-Terphenyl-d14	10	11.2	112

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: m

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP25-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-3F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 10:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 80.24

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	378	1	9/14/2005
Acenaphthylene	BQL	378	1	9/14/2005
Anthracene	BQL	378	1	9/14/2005
Benzo[a]anthracene	BQL	378	1	9/14/2005
Benzo[a]pyrene	BQL	378	1	9/14/2005
Benzo[b]fluoranthene	BQL	378	1	9/14/2005
Benzo[g,h,i]perylene	BQL	378	1	9/14/2005
Benzo[k]fluoranthene	BQL	378	1	9/14/2005
Benzoic Acid	BQL	755	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	378	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	378	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	378	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	378	1	9/14/2005
4-bromophenyl phenyl ether	BQL	378	1	9/14/2005
Butylbenzylphthalate	BQL	378	1	9/14/2005
2-Chloronaphthalene	BQL	378	1	9/14/2005
2-Chlorophenol	BQL	378	1	9/14/2005
4-Chloro-3-methylphenol	BQL	378	1	9/14/2005
4-Chloroaniline	BQL	1890	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	378	1	9/14/2005
Chrysene	BQL	378	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	378	1	9/14/2005
Dibenzofuran	BQL	378	1	9/14/2005
Di-n-Butylphthalate	BQL	378	1	9/14/2005
1,2-Dichlorobenzene	BQL	378	1	9/14/2005
1,3-Dichlorobenzene	BQL	378	1	9/14/2005
1,4-Dichlorobenzene	BQL	378	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	755	1	9/14/2005
2,4-Dichlorophenol	BQL	378	1	9/14/2005
Diethylphthalate	BQL	378	1	9/14/2005
Dimethylphthalate	BQL	378	1	9/14/2005
2,4-Dimethylphenol	BQL	378	1	9/14/2005
Di-n-octylphthalate	BQL	378	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1890	1	9/14/2005
2,4-Dinitrophenol	BQL	1890	1	9/14/2005
2,4-Dinitrotoluene	BQL	378	1	9/14/2005
2,6-Dinitrotoluene	BQL	378	1	9/14/2005
Diphenylamine *	BQL	378	1	9/14/2005
Fluoranthene	BQL	378	1	9/14/2005
Fluorene	BQL	378	1	9/14/2005
Hexachlorobenzene	BQL	378	1	9/14/2005
Hexachlorobutadiene	BQL	378	1	9/14/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP25-12
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-3F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 10:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 80.24

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	755	1	9/14/2005
Hexachloroethane	BQL	378	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	378	1	9/14/2005
Isophorone	BQL	378	1	9/14/2005
2-Methylnaphthalene	BQL	378	1	9/14/2005
2-Methylphenol	BQL	378	1	9/14/2005
3- & 4-Methylphenol	BQL	378	1	9/14/2005
Naphthalene	BQL	378	1	9/14/2005
2-Nitroaniline	BQL	378	1	9/14/2005
3-Nitroaniline	BQL	1890	1	9/14/2005
4-Nitroaniline	BQL	1890	1	9/14/2005
Nitrobenzene	BQL	378	1	9/14/2005
2-Nitrophenol	BQL	378	1	9/14/2005
4-Nitrophenol	BQL	1890	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	378	1	9/14/2005
Pentachlorophenol	BQL	1890	1	9/14/2005
Phenanthrene	BQL	378	1	9/14/2005
Phenol	BQL	378	1	9/14/2005
Pyrene	BQL	378	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	378	1	9/14/2005
2,4,5-Trichlorophenol	BQL	378	1	9/14/2005
2,4,6-Trichlorophenol	BQL	378	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.3	114
2-Fluorophenol	10	11	110
Nitrobenzene-d5	10	10.7	107
Phenol-d6	10	11.1	111
2,4,6-Tribromophenol	10	8.2	82
4-Terphenyl-d14	10	10.7	107

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP26-11
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-4F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 11:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 78.84

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	373	1	9/14/2005
Acenaphthylene	BQL	373	1	9/14/2005
Anthracene	BQL	373	1	9/14/2005
Benzo[a]anthracene	BQL	373	1	9/14/2005
Benzo[a]pyrene	BQL	373	1	9/14/2005
Benzo[b]fluoranthene	BQL	373	1	9/14/2005
Benzo[g,h,i]perylene	BQL	373	1	9/14/2005
Benzo[k]fluoranthene	BQL	373	1	9/14/2005
Benzoic Acid	BQL	746	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	373	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	373	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	373	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	373	1	9/14/2005
4-bromophenyl phenyl ether	BQL	373	1	9/14/2005
Butylbenzylphthalate	BQL	373	1	9/14/2005
2-Chloronaphthalene	BQL	373	1	9/14/2005
2-Chlorophenol	BQL	373	1	9/14/2005
4-Chloro-3-methylphenol	BQL	373	1	9/14/2005
4-Chloroaniline	BQL	1870	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	373	1	9/14/2005
Chrysene	BQL	373	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	373	1	9/14/2005
Dibenzofuran	BQL	373	1	9/14/2005
Di-n-Butylphthalate	BQL	373	1	9/14/2005
1,2-Dichlorobenzene	BQL	373	1	9/14/2005
1,3-Dichlorobenzene	BQL	373	1	9/14/2005
1,4-Dichlorobenzene	BQL	373	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	746	1	9/14/2005
2,4-Dichlorophenol	BQL	373	1	9/14/2005
Diethylphthalate	BQL	373	1	9/14/2005
Dimethylphthalate	BQL	373	1	9/14/2005
2,4-Dimethylphenol	BQL	373	1	9/14/2005
Di-n-octylphthalate	BQL	373	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1870	1	9/14/2005
2,4-Dinitrophenol	BQL	1870	1	9/14/2005
2,4-Dinitrotoluene	BQL	373	1	9/14/2005
2,6-Dinitrotoluene	BQL	373	1	9/14/2005
Diphenylamine *	BQL	373	1	9/14/2005
Fluoranthene	BQL	373	1	9/14/2005
Fluorene	BQL	373	1	9/14/2005
Hexachlorobenzene	BQL	373	1	9/14/2005
Hexachlorobutadiene	BQL	373	1	9/14/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP26-11
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-4F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 11:00
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 78.84

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	746	1	9/14/2005
Hexachloroethane	BQL	373	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	373	1	9/14/2005
Isophorone	BQL	373	1	9/14/2005
2-Methylnaphthalene	BQL	373	1	9/14/2005
2-Methylphenol	BQL	373	1	9/14/2005
3- & 4-Methylphenol	BQL	373	1	9/14/2005
Naphthalene	BQL	373	1	9/14/2005
2-Nitroaniline	BQL	373	1	9/14/2005
3-Nitroaniline	BQL	1870	1	9/14/2005
4-Nitroaniline	BQL	1870	1	9/14/2005
Nitrobenzene	BQL	373	1	9/14/2005
2-Nitrophenol	BQL	373	1	9/14/2005
4-Nitrophenol	BQL	1870	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	373	1	9/14/2005
Pentachlorophenol	BQL	1870	1	9/14/2005
Phenanthrene	BQL	373	1	9/14/2005
Phenol	BQL	373	1	9/14/2005
Pyrene	BQL	373	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	373	1	9/14/2005
2,4,5-Trichlorophenol	BQL	373	1	9/14/2005
2,4,6-Trichlorophenol	BQL	373	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10	99
2-Fluorophenol	10	11.5	115
Nitrobenzene-d5	10	10.2	102
Phenol-d6	10	11.4	114
2,4,6-Tribromophenol	10	7.6	76
4-Terphenyl-d14	10	10.8	108

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP27-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-5F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 11:30
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 82.91

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	370	1	9/14/2005
Acenaphthylene	BQL	370	1	9/14/2005
Anthracene	BQL	370	1	9/14/2005
Benzo[a]anthracene	BQL	370	1	9/14/2005
Benzo[a]pyrene	BQL	370	1	9/14/2005
Benzo[b]fluoranthene	BQL	370	1	9/14/2005
Benzo[g,h,i]perylene	BQL	370	1	9/14/2005
Benzo[k]fluoranthene	BQL	370	1	9/14/2005
Benzoic Acid	BQL	740	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	370	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	370	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	370	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	370	1	9/14/2005
4-bromophenyl phenyl ether	BQL	370	1	9/14/2005
Butylbenzylphthalate	BQL	370	1	9/14/2005
2-Chloronaphthalene	BQL	370	1	9/14/2005
2-Chlorophenol	BQL	370	1	9/14/2005
4-Chloro-3-methylphenol	BQL	370	1	9/14/2005
4-Chloroaniline	BQL	1850	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	370	1	9/14/2005
Chrysene	BQL	370	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	370	1	9/14/2005
Dibenzofuran	BQL	370	1	9/14/2005
Di-n-Butylphthalate	BQL	370	1	9/14/2005
1,2-Dichlorobenzene	BQL	370	1	9/14/2005
1,3-Dichlorobenzene	BQL	370	1	9/14/2005
1,4-Dichlorobenzene	BQL	370	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	740	1	9/14/2005
2,4-Dichlorophenol	BQL	370	1	9/14/2005
Diethylphthalate	BQL	370	1	9/14/2005
Dimethylphthalate	BQL	370	1	9/14/2005
2,4-Dimethylphenol	BQL	370	1	9/14/2005
Di-n-octylphthalate	BQL	370	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1850	1	9/14/2005
2,4-Dinitrophenol	BQL	1850	1	9/14/2005
2,4-Dinitrotoluene	BQL	370	1	9/14/2005
2,6-Dinitrotoluene	BQL	370	1	9/14/2005
Diphenylamine *	BQL	370	1	9/14/2005
Fluoranthene	BQL	370	1	9/14/2005
Fluorene	BQL	370	1	9/14/2005
Hexachlorobenzene	BQL	370	1	9/14/2005
Hexachlorobutadiene	BQL	370	1	9/14/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP27-20
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-5F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 11:30
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 82.91

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	740	1	9/14/2005
Hexachloroethane	BQL	370	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	370	1	9/14/2005
Isophorone	BQL	370	1	9/14/2005
2-Methylnaphthalene	BQL	370	1	9/14/2005
2-Methylphenol	BQL	370	1	9/14/2005
3- & 4-Methylphenol	BQL	370	1	9/14/2005
Naphthalene	BQL	370	1	9/14/2005
2-Nitroaniline	BQL	370	1	9/14/2005
3-Nitroaniline	BQL	1850	1	9/14/2005
4-Nitroaniline	BQL	1850	1	9/14/2005
Nitrobenzene	BQL	370	1	9/14/2005
2-Nitrophenol	BQL	370	1	9/14/2005
4-Nitrophenol	BQL	1850	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	370	1	9/14/2005
Pentachlorophenol	BQL	1850	1	9/14/2005
Phenanthrene	BQL	370	1	9/14/2005
Phenol	BQL	370	1	9/14/2005
Pyrene	BQL	370	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	370	1	9/14/2005
2,4,5-Trichlorophenol	BQL	370	1	9/14/2005
2,4,6-Trichlorophenol	BQL	370	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.9	109
2-Fluorophenol	10	11.4	114
Nitrobenzene-d5	10	10.4	104
Phenol-d6	10	11.1	111
2,4,6-Tribromophenol	10	6.9	69
4-Terphenyl-d14	10	11.6	116

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: mm

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP28-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-6F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.81

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	356	1	9/14/2005
Acenaphthylene	BQL	356	1	9/14/2005
Anthracene	BQL	356	1	9/14/2005
Benzo[a]anthracene	BQL	356	1	9/14/2005
Benzo[a]pyrene	BQL	356	1	9/14/2005
Benzo[b]fluoranthene	BQL	356	1	9/14/2005
Benzo[g,h,i]perylene	BQL	356	1	9/14/2005
Benzo[k]fluoranthene	BQL	356	1	9/14/2005
Benzoic Acid	BQL	712	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	356	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	356	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	356	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	356	1	9/14/2005
4-bromophenyl phenyl ether	BQL	356	1	9/14/2005
Butylbenzylphthalate	BQL	356	1	9/14/2005
2-Chloronaphthalene	BQL	356	1	9/14/2005
2-Chlorophenol	BQL	356	1	9/14/2005
4-Chloro-3-methylphenol	BQL	356	1	9/14/2005
4-Chloroaniline	BQL	1780	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	356	1	9/14/2005
Chrysene	BQL	356	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	356	1	9/14/2005
Dibenzofuran	BQL	356	1	9/14/2005
Di-n-Butylphthalate	BQL	356	1	9/14/2005
1,2-Dichlorobenzene	BQL	356	1	9/14/2005
1,3-Dichlorobenzene	BQL	356	1	9/14/2005
1,4-Dichlorobenzene	BQL	356	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	712	1	9/14/2005
2,4-Dichlorophenol	BQL	356	1	9/14/2005
Diethylphthalate	BQL	356	1	9/14/2005
Dimethylphthalate	BQL	356	1	9/14/2005
2,4-Dimethylphenol	BQL	356	1	9/14/2005
Di-n-octylphthalate	BQL	356	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1780	1	9/14/2005
2,4-Dinitrophenol	BQL	1780	1	9/14/2005
2,4-Dinitrotoluene	BQL	356	1	9/14/2005
2,6-Dinitrotoluene	BQL	356	1	9/14/2005
Diphenylamine *	BQL	356	1	9/14/2005
Fluoranthene	BQL	356	1	9/14/2005
Fluorene	BQL	356	1	9/14/2005
Hexachlorobenzene	BQL	356	1	9/14/2005
Hexachlorobutadiene	BQL	356	1	9/14/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP28-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-6F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:15
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.81

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	712	1	9/14/2005
Hexachloroethane	BQL	356	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	356	1	9/14/2005
Isophorone	BQL	356	1	9/14/2005
2-Methylnaphthalene	BQL	356	1	9/14/2005
2-Methylphenol	BQL	356	1	9/14/2005
3- & 4-Methylphenol	BQL	356	1	9/14/2005
Naphthalene	BQL	356	1	9/14/2005
2-Nitroaniline	BQL	356	1	9/14/2005
3-Nitroaniline	BQL	1780	1	9/14/2005
4-Nitroaniline	BQL	1780	1	9/14/2005
Nitrobenzene	BQL	356	1	9/14/2005
2-Nitrophenol	BQL	356	1	9/14/2005
4-Nitrophenol	BQL	1780	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	356	1	9/14/2005
Pentachlorophenol	BQL	1780	1	9/14/2005
Phenanthrene	BQL	356	1	9/14/2005
Phenol	BQL	356	1	9/14/2005
Pyrene	BQL	356	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	356	1	9/14/2005
2,4,5-Trichlorophenol	BQL	356	1	9/14/2005
2,4,6-Trichlorophenol	BQL	356	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11	110
2-Fluorophenol	10	11.4	114
Nitrobenzene-d5	10	10.5	105
Phenol-d6	10	11.2	112
2,4,6-Tribromophenol	10	8.2	82
4-Terphenyl-d14	10	11.2	112

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: me

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP29-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-7F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:30
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 84.63

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	351	1	9/14/2005
Acenaphthylene	BQL	351	1	9/14/2005
Anthracene	BQL	351	1	9/14/2005
Benzo[a]anthracene	BQL	351	1	9/14/2005
Benzo[a]pyrene	BQL	351	1	9/14/2005
Benzo[b]fluoranthene	BQL	351	1	9/14/2005
Benzo[g,h,i]perylene	BQL	351	1	9/14/2005
Benzo[k]fluoranthene	BQL	351	1	9/14/2005
Benzoic Acid	BQL	703	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	351	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	351	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	351	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	351	1	9/14/2005
4-bromophenyl phenyl ether	BQL	351	1	9/14/2005
Butylbenzylphthalate	BQL	351	1	9/14/2005
2-Chloronaphthalene	BQL	351	1	9/14/2005
2-Chlorophenol	BQL	351	1	9/14/2005
4-Chloro-3-methylphenol	BQL	351	1	9/14/2005
4-Chloroaniline	BQL	1760	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	351	1	9/14/2005
Chrysene	BQL	351	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	351	1	9/14/2005
Dibenzofuran	BQL	351	1	9/14/2005
Di-n-Butylphthalate	BQL	351	1	9/14/2005
1,2-Dichlorobenzene	BQL	351	1	9/14/2005
1,3-Dichlorobenzene	BQL	351	1	9/14/2005
1,4-Dichlorobenzene	BQL	351	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	703	1	9/14/2005
2,4-Dichlorophenol	BQL	351	1	9/14/2005
Diethylphthalate	BQL	351	1	9/14/2005
Dimethylphthalate	BQL	351	1	9/14/2005
2,4-Dimethylphenol	BQL	351	1	9/14/2005
Di-n-octylphthalate	BQL	351	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1760	1	9/14/2005
2,4-Dinitrophenol	BQL	1760	1	9/14/2005
2,4-Dinitrotoluene	BQL	351	1	9/14/2005
2,6-Dinitrotoluene	BQL	351	1	9/14/2005
Diphenylamine *	BQL	351	1	9/14/2005
Fluoranthene	BQL	351	1	9/14/2005
Fluorene	BQL	351	1	9/14/2005
Hexachlorobenzene	BQL	351	1	9/14/2005
Hexachlorobutadiene	BQL	351	1	9/14/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: P8GP29-15
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-550-7F
 Lab Project ID: G106-550
 Report Basis: Dry weight

Analyzed By: MRC
 Date Collected: 9/9/2005 14:30
 Date Received: 9/10/2005
 Date Extracted: 9/13/2005
 Matrix: Soil
 % Solids: 84.63

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	703	1	9/14/2005
Hexachloroethane	BQL	351	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	351	1	9/14/2005
Isophorone	BQL	351	1	9/14/2005
2-Methylnaphthalene	BQL	351	1	9/14/2005
2-Methylphenol	BQL	351	1	9/14/2005
3- & 4-Methylphenol	BQL	351	1	9/14/2005
Naphthalene	BQL	351	1	9/14/2005
2-Nitroaniline	BQL	351	1	9/14/2005
3-Nitroaniline	BQL	1760	1	9/14/2005
4-Nitroaniline	BQL	1760	1	9/14/2005
Nitrobenzene	BQL	351	1	9/14/2005
2-Nitrophenol	BQL	351	1	9/14/2005
4-Nitrophenol	BQL	1760	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	351	1	9/14/2005
Pentachlorophenol	BQL	1760	1	9/14/2005
Phenanthrene	BQL	351	1	9/14/2005
Phenol	BQL	351	1	9/14/2005
Pyrene	BQL	351	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	351	1	9/14/2005
2,4,5-Trichlorophenol	BQL	351	1	9/14/2005
2,4,6-Trichlorophenol	BQL	351	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11	110
2-Fluorophenol	10	11.8	118
Nitrobenzene-d5	10	10.6	106
Phenol-d6	10	11.4	114
2,4,6-Tribromophenol	10	8.1	81
4-Terphenyl-d14	10	11.3	113

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP30-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-8F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:35
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 77.91

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	385	1	9/14/2005
Acenaphthylene	BQL	385	1	9/14/2005
Anthracene	BQL	385	1	9/14/2005
Benzo[a]anthracene	BQL	385	1	9/14/2005
Benzo[a]pyrene	BQL	385	1	9/14/2005
Benzo[b]fluoranthene	BQL	385	1	9/14/2005
Benzo[g,h,i]perylene	BQL	385	1	9/14/2005
Benzo[k]fluoranthene	BQL	385	1	9/14/2005
Benzoic Acid	BQL	771	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	385	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	385	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	385	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	385	1	9/14/2005
4-bromophenyl phenyl ether	BQL	385	1	9/14/2005
Butylbenzylphthalate	BQL	385	1	9/14/2005
2-Chloronaphthalene	BQL	385	1	9/14/2005
2-Chlorophenol	BQL	385	1	9/14/2005
4-Chloro-3-methylphenol	BQL	385	1	9/14/2005
4-Chloroaniline	BQL	1930	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	385	1	9/14/2005
Chrysene	BQL	385	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	385	1	9/14/2005
Dibenzofuran	BQL	385	1	9/14/2005
Di-n-Butylphthalate	BQL	385	1	9/14/2005
1,2-Dichlorobenzene	BQL	385	1	9/14/2005
1,3-Dichlorobenzene	BQL	385	1	9/14/2005
1,4-Dichlorobenzene	BQL	385	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	771	1	9/14/2005
2,4-Dichlorophenol	BQL	385	1	9/14/2005
Diethylphthalate	BQL	385	1	9/14/2005
Dimethylphthalate	BQL	385	1	9/14/2005
2,4-Dimethylphenol	BQL	385	1	9/14/2005
Di-n-octylphthalate	BQL	385	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1930	1	9/14/2005
2,4-Dinitrophenol	BQL	1930	1	9/14/2005
2,4-Dinitrotoluene	BQL	385	1	9/14/2005
2,6-Dinitrotoluene	BQL	385	1	9/14/2005
Diphenylamine *	BQL	385	1	9/14/2005
Fluoranthene	BQL	385	1	9/14/2005
Fluorene	BQL	385	1	9/14/2005
Hexachlorobenzene	BQL	385	1	9/14/2005
Hexachlorobutadiene	BQL	385	1	9/14/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP30-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-8F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:35
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 77.91

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	771	1	9/14/2005
Hexachloroethane	BQL	385	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	385	1	9/14/2005
Isophorone	BQL	385	1	9/14/2005
2-Methylnaphthalene	BQL	385	1	9/14/2005
2-Methylphenol	BQL	385	1	9/14/2005
3- & 4-Methylphenol	BQL	385	1	9/14/2005
Naphthalene	BQL	385	1	9/14/2005
2-Nitroaniline	BQL	385	1	9/14/2005
3-Nitroaniline	BQL	1930	1	9/14/2005
4-Nitroaniline	BQL	1930	1	9/14/2005
Nitrobenzene	BQL	385	1	9/14/2005
2-Nitrophenol	BQL	385	1	9/14/2005
4-Nitrophenol	BQL	1930	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	385	1	9/14/2005
Pentachlorophenol	BQL	1930	1	9/14/2005
Phenanthrene	BQL	385	1	9/14/2005
Phenol	BQL	385	1	9/14/2005
Pyrene	BQL	385	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	385	1	9/14/2005
2,4,5-Trichlorophenol	BQL	385	1	9/14/2005
2,4,6-Trichlorophenol	BQL	385	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.3	103
2-Fluorophenol	10	11	110
Nitrobenzene-d5	10	9.6	96
Phenol-d6	10	10.8	108
2,4,6-Tribromophenol	10	7.5	75
4-Terphenyl-d14	10	10.3	103

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP31-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-9F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:45
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 83.75

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	360	1	9/14/2005
Acenaphthylene	BQL	360	1	9/14/2005
Anthracene	BQL	360	1	9/14/2005
Benzo[a]anthracene	BQL	360	1	9/14/2005
Benzo[a]pyrene	BQL	360	1	9/14/2005
Benzo[b]fluoranthene	BQL	360	1	9/14/2005
Benzo[g,h,i]perylene	BQL	360	1	9/14/2005
Benzo[k]fluoranthene	BQL	360	1	9/14/2005
Benzoic Acid	BQL	720	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	360	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	360	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	360	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	360	1	9/14/2005
4-bromophenyl phenyl ether	BQL	360	1	9/14/2005
Butylbenzylphthalate	BQL	360	1	9/14/2005
2-Chloronaphthalene	BQL	360	1	9/14/2005
2-Chlorophenol	BQL	360	1	9/14/2005
4-Chloro-3-methylphenol	BQL	360	1	9/14/2005
4-Chloroaniline	BQL	1800	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	360	1	9/14/2005
Chrysene	BQL	360	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	360	1	9/14/2005
Dibenzofuran	BQL	360	1	9/14/2005
Di-n-Butylphthalate	BQL	360	1	9/14/2005
1,2-Dichlorobenzene	BQL	360	1	9/14/2005
1,3-Dichlorobenzene	BQL	360	1	9/14/2005
1,4-Dichlorobenzene	BQL	360	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	720	1	9/14/2005
2,4-Dichlorophenol	BQL	360	1	9/14/2005
Diethylphthalate	BQL	360	1	9/14/2005
Dimethylphthalate	BQL	360	1	9/14/2005
2,4-Dimethylphenol	BQL	360	1	9/14/2005
Di-n-octylphthalate	BQL	360	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1800	1	9/14/2005
2,4-Dinitrophenol	BQL	1800	1	9/14/2005
2,4-Dinitrotoluene	BQL	360	1	9/14/2005
2,6-Dinitrotoluene	BQL	360	1	9/14/2005
Diphenylamine *	BQL	360	1	9/14/2005
Fluoranthene	BQL	360	1	9/14/2005
Fluorene	BQL	360	1	9/14/2005
Hexachlorobenzene	BQL	360	1	9/14/2005
Hexachlorobutadiene	BQL	360	1	9/14/2005

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP31-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-9F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:45
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 83.75

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	720	1	9/14/2005
Hexachloroethane	BQL	360	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	360	1	9/14/2005
Isophorone	BQL	360	1	9/14/2005
2-Methylnaphthalene	BQL	360	1	9/14/2005
2-Methylphenol	BQL	360	1	9/14/2005
3- & 4-Methylphenol	BQL	360	1	9/14/2005
Naphthalene	BQL	360	1	9/14/2005
2-Nitroaniline	BQL	360	1	9/14/2005
3-Nitroaniline	BQL	1800	1	9/14/2005
4-Nitroaniline	BQL	1800	1	9/14/2005
Nitrobenzene	BQL	360	1	9/14/2005
2-Nitrophenol	BQL	360	1	9/14/2005
4-Nitrophenol	BQL	1800	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	360	1	9/14/2005
Pentachlorophenol	BQL	1800	1	9/14/2005
Phenanthrene	BQL	360	1	9/14/2005
Phenol	BQL	360	1	9/14/2005
Pyrene	BQL	360	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	360	1	9/14/2005
2,4,5-Trichlorophenol	BQL	360	1	9/14/2005
2,4,6-Trichlorophenol	BQL	360	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	11.1	111
2-Fluorophenol	10	11.4	114
Nitrobenzene-d5	10	10.2	102
Phenol-d6	10	11.3	113
2,4,6-Tribromophenol	10	7.1	71
4-Terphenyl-d14	10	11.6	116

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: P8GP32-15
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-550-10F
Lab Project ID: G106-550
Report Basis: Dry weight

Analyzed By: MRC
Date Collected: 9/9/2005 14:59
Date Received: 9/10/2005
Date Extracted: 9/13/2005
Matrix: Soil
% Solids: 85.08

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Acenaphthene	BQL	363	1	9/14/2005
Acenaphthylene	BQL	363	1	9/14/2005
Anthracene	BQL	363	1	9/14/2005
Benzo[a]anthracene	BQL	363	1	9/14/2005
Benzo[a]pyrene	BQL	363	1	9/14/2005
Benzo[b]fluoranthene	BQL	363	1	9/14/2005
Benzo[g,h,i]perylene	BQL	363	1	9/14/2005
Benzo[k]fluoranthene	BQL	363	1	9/14/2005
Benzoic Acid	BQL	725	1	9/14/2005
Bis(2-chloroethoxy)methane	BQL	363	1	9/14/2005
Bis(2-chloroethyl)ether	BQL	363	1	9/14/2005
Bis(2-chloroisopropyl)ether	BQL	363	1	9/14/2005
Bis(2-ethylhexyl)phthalate	BQL	363	1	9/14/2005
4-bromophenyl phenyl ether	BQL	363	1	9/14/2005
Butylbenzylphthalate	BQL	363	1	9/14/2005
2-Chloronaphthalene	BQL	363	1	9/14/2005
2-Chlorophenol	BQL	363	1	9/14/2005
4-Chloro-3-methylphenol	BQL	363	1	9/14/2005
4-Chloroaniline	BQL	1810	1	9/14/2005
4-Chlorophenyl phenyl ether	BQL	363	1	9/14/2005
Chrysene	BQL	363	1	9/14/2005
Dibenzo[a,h]anthracene	BQL	363	1	9/14/2005
Dibenzofuran	BQL	363	1	9/14/2005
Di-n-Butylphthalate	BQL	363	1	9/14/2005
1,2-Dichlorobenzene	BQL	363	1	9/14/2005
1,3-Dichlorobenzene	BQL	363	1	9/14/2005
1,4-Dichlorobenzene	BQL	363	1	9/14/2005
3,3'-Dichlorobenzidine	BQL	725	1	9/14/2005
2,4-Dichlorophenol	BQL	363	1	9/14/2005
Diethylphthalate	BQL	363	1	9/14/2005
Dimethylphthalate	BQL	363	1	9/14/2005
2,4-Dimethylphenol	BQL	363	1	9/14/2005
Di-n-octylphthalate	BQL	363	1	9/14/2005
4,6-Dinitro-2-methylphenol	BQL	1810	1	9/14/2005
2,4-Dinitrophenol	BQL	1810	1	9/14/2005
2,4-Dinitrotoluene	BQL	363	1	9/14/2005
2,6-Dinitrotoluene	BQL	363	1	9/14/2005
Diphenylamine *	BQL	363	1	9/14/2005
Fluoranthene	BQL	363	1	9/14/2005
Fluorene	BQL	363	1	9/14/2005
Hexachlorobenzene	BQL	363	1	9/14/2005
Hexachlorobutadiene	BQL	363	1	9/14/2005

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: P8GP32-15
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-550-10F
 Lab Project ID: G106-550
 Report Basis: Dry weight

Analyzed By: MRC
 Date Collected: 9/9/2005 14:59
 Date Received: 9/10/2005
 Date Extracted: 9/13/2005
 Matrix: Soil
 % Solids: 85.08

Compound	Result ug/Kg	Quantitation Limit ug/Kg	Dilution Factor	Date Analyzed
Hexachlorocyclopentadiene	BQL	725	1	9/14/2005
Hexachloroethane	BQL	363	1	9/14/2005
Indeno(1,2,3-c,d)pyrene	BQL	363	1	9/14/2005
Isophorone	BQL	363	1	9/14/2005
2-Methylnaphthalene	BQL	363	1	9/14/2005
2-Methylphenol	BQL	363	1	9/14/2005
3- & 4-Methylphenol	BQL	363	1	9/14/2005
Naphthalene	BQL	363	1	9/14/2005
2-Nitroaniline	BQL	363	1	9/14/2005
3-Nitroaniline	BQL	1810	1	9/14/2005
4-Nitroaniline	BQL	1810	1	9/14/2005
Nitrobenzene	BQL	363	1	9/14/2005
2-Nitrophenol	BQL	363	1	9/14/2005
4-Nitrophenol	BQL	1810	1	9/14/2005
N-Nitrosodi-n-propylamine	BQL	363	1	9/14/2005
Pentachlorophenol	BQL	1810	1	9/14/2005
Phenanthrene	BQL	363	1	9/14/2005
Phenol	BQL	363	1	9/14/2005
Pyrene	BQL	363	1	9/14/2005
1,2,4-Trichlorobenzene	BQL	363	1	9/14/2005
2,4,5-Trichlorophenol	BQL	363	1	9/14/2005
2,4,6-Trichlorophenol	BQL	363	1	9/14/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.8	108
2-Fluorophenol	10	11.3	114
Nitrobenzene-d5	10	10.3	103
Phenol-d6	10	11.1	111
2,4,6-Tribromophenol	10	7	70
4-Terphenyl-d14	10	11	110

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By:

List of Reporting Abbreviations
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.
 5500 Business Drive, Wilmington, NC 28405
 Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 50711

Page 1 of 1

TIP#: U-28260A WBS: 34871.1.1

Client: FI Project ID: Phase 2 Date: 9/9/05 Report To: DARREN CLARK
 Address: 210 (Catesby Ave) Contact: DARREN CLARK Turnaround: 5-DAY (5:00pm)
 Address: Suite 201 Morrisville NC Phone: 919.544.3500 Job Number: 2500
 Quote #: 2500 Fax: direct to 919.544.3500 P.O. Number: 2500

Sample ID	Date	Time Matrix	Preservatives		Analyses		Comments: Please specify any special reporting requirements
			Date	Time	Date	Time	
P86P23-12	9/9/05	940 S					
P86P24-12	"	1000 S					
P86P25-12	"	1015 S					
P86P26-11	"	1100 S					
P86P27-10	"	1130 S					
P86P28-15	"	1415 S					
P86P29-15	"	1430 S					
P86P30-15	"	1435 S					
P86P31-15	"	1445 S					
P86P32-15	"	1459 S					
Relinquished By: <u>Darren R. Clark</u>	Date: <u>9/9/05 1600</u>	Received By: <u>AMG</u>	Date: <u>9/10/05 1020</u>	Time: <u>1149</u>	Temperature: <u>11.49</u>	State Certification Requested: <u>NC</u> <u>SC</u> <u>Other</u>	SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-556

Client Project: Parcel 8-Waste Mgmt. Tip#U-2826A

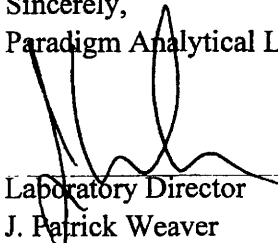
Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.


Laboratory Director
J. Patrick Weaver

10/5/05
Date

Results for Metals

Client Sample ID: P8HA33-1	Analyzed By: PSW
Client Project ID: Parcel 8-Waste Mgmt. Tip#U-2826A	Date Collected: 9/29/2005 09:00
Lab Sample ID: G106-556-1	Date Received: 9/30/2005
Lab Project ID: G106-556	Matrix: SOIL
Batch ID: 3758 3763	Solids 90.55
Report Basis: Dry	

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	5.50	0.952	1	MG/KG	6010B	10/5/2005
Barium	36.3	9.52	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	0.952	1	MG/KG	6010B	10/5/2005
Chromium	12.5	0.952	1	MG/KG	6010B	10/5/2005
Lead	35.8	0.952	1	MG/KG	6010B	10/5/2005
Mercury	0.0398	0.0212	1	MG/KG	7471	10/4/2005
Selenium	BQL	1.90	1	MG/KG	6010B	10/5/2005
Silver	BQL	0.952	1	MG/KG	6010B	10/5/2005

Comments

BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank > RL

Reviewed By: 
 MET_LIMS_3.3

Results for Metals

Client Sample ID: P8HA34-1.5
 Client Project ID: Parcel 8-Waste Mgmt. Tip#U-2826A
 Lab Sample ID: G106-556-2
 Lab Project ID: G106-556
 Batch ID: 3758 3763
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 9/29/2005 10:20
 Date Received: 9/30/2005
 Matrix: SOIL
 Solids 82.66

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	3.85	1.21	1	MG/KG	6010B	10/5/2005
Barium	15.3	12.1	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.21	1	MG/KG	6010B	10/5/2005
Chromium	12.7	1.21	1	MG/KG	6010B	10/5/2005
Lead	25.5	1.21	1	MG/KG	6010B	10/5/2005
Mercury	0.0410	0.0218	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.42	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.21	1	MG/KG	6010B	10/5/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By:
 MET_LIMS_3.3

Results for Metals

Client Sample ID: P8HA35-1.5
 Client Project ID: Parcel 8-Waste Mgmt. Tip#U-2826A
 Lab Sample ID: G106-556-3
 Lab Project ID: G106-556
 Batch ID: 3758 3763
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 9/29/2005 10:35
 Date Received: 9/30/2005
 Matrix: SOIL
 Solids 83.85

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	4.88	1.19	1	MG/KG	6010B	10/5/2005
Barium	BQL	11.9	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.19	1	MG/KG	6010B	10/5/2005
Chromium	13.6	1.19	1	MG/KG	6010B	10/5/2005
Lead	22.5	1.19	1	MG/KG	6010B	10/5/2005
Mercury	0.0589	0.0217	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.39	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.19	1	MG/KG	6010B	10/5/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: 
 MET_LIMS_3.3

Results for Metals

Client Sample ID: P8HA36-1.5
 Client Project ID: Parcel 8-Waste Mgmt. Tip#U-2826A
 Lab Sample ID: G106-556-4
 Lab Project ID: G106-556
 Batch ID: 3758 3763
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 9/29/2005 10:55
 Date Received: 9/30/2005
 Matrix: SOIL
 Solids 82.01

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	6.55	1.20	1	MG/KG	6010B	10/5/2005
Barium	21.6	12.0	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.20	1	MG/KG	6010B	10/5/2005
Chromium	20.9	1.20	1	MG/KG	6010B	10/5/2005
Lead	66.5	1.20	1	MG/KG	6010B	10/5/2005
Mercury	0.142	0.0226	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.39	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.20	1	MG/KG	6010B	10/5/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: 
 MET_LIMS_3.3

Results for Metals

Client Sample ID: P8HA37-1.5
 Client Project ID: Parcel 8-Waste Mgmt. Tip#U-2826A
 Lab Sample ID: G106-556-5
 Lab Project ID: G106-556
 Batch ID: 3758 3763
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 9/29/2005 11:15
 Date Received: 9/30/2005
 Matrix: SOIL
 Solids 90.15

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	5.71	1.07	1	MG/KG	6010B	10/5/2005
Barium	33.9	10.7	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.07	1	MG/KG	6010B	10/5/2005
Chromium	16.1	1.07	1	MG/KG	6010B	10/5/2005
Lead	28.2	1.07	1	MG/KG	6010B	10/5/2005
Mercury	0.144	0.0218	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.13	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.07	1	MG/KG	6010B	10/5/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: 
 MET_LIMS_3.3

Results for Metals

Client Sample ID: P8HA38-1.5
 Client Project ID: Parcel 8-Waste Mgmt. Tip#U-2826A
 Lab Sample ID: G106-556-6
 Lab Project ID: G106-556
 Batch ID: 3758 3763
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 9/29/2005 11:30
 Date Received: 9/30/2005
 Matrix: SOIL
 Solids: 84.99

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	5.43	1.09	1	MG/KG	6010B	10/5/2005
Barium	21.4	10.9	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.09	1	MG/KG	6010B	10/5/2005
Chromium	17.2	1.09	1	MG/KG	6010B	10/5/2005
Lead	25.7	1.09	1	MG/KG	6010B	10/5/2005
Mercury	0.0736	0.0216	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.18	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.09	1	MG/KG	6010B	10/5/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: 
 MET_LIMS_3.3

Results for Metals

Client Sample ID: P8HA39-1.5
 Client Project ID: Parcel 8-Waste Mgmt. Tip#U-2826A
 Lab Sample ID: G106-556-7
 Lab Project ID: G106-556
 Batch ID: 3758 3763
 Report Basis: Dry

Analyzed By: PSW
 Date Collected: 9/29/2005 13:20
 Date Received: 9/30/2005
 Matrix: SOIL
 Solids 81.12

Metals	Result	RL	DF	Units	Method	Date Analyzed
Arsenic	9.43	1.06	1	MG/KG	6010B	10/5/2005
Barium	22.9	10.6	1	MG/KG	6010B	10/5/2005
Cadmium	BQL	1.06	1	MG/KG	6010B	10/5/2005
Chromium	23.3	1.06	1	MG/KG	6010B	10/5/2005
Lead	31.0	1.06	1	MG/KG	6010B	10/5/2005
Mercury	0.0835	0.0230	1	MG/KG	7471	10/4/2005
Selenium	BQL	2.13	1	MG/KG	6010B	10/5/2005
Silver	BQL	1.06	1	MG/KG	6010B	10/5/2005

Comments

BQL = Below Quantitation Limits
 DF = Dilution Factor
 J = Between MDL and RL
 B= Amount in Prep Blank > RL

Reviewed By: 
 MET_LIMS_3.3

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive, Wilmington, NC 28405
 Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 42167

Page 1 of 1

Client: ET, TX Project ID: PA08-B-WASTE MENT, Date: 9/29/05 Report To: DWIGHT P. LAMAR

Address: 2106 EXTENDY GARDEN BUNCONTACT: DOREN LAMAR Turnaround: 5 DAY

Address: 273, 200 WOODRIDGE, NC Phone: 919 657 7500 Job Number: 500050515, 02

Quote #: 275700 Fax: Charlotte, NC Number: 910 Invoice To: WDOT TRP&U-28204

PARADIGM ANALYTICAL LABORATORIES, INC.

Sample ID	Date	Time	Matrix	Preservatives			Analyses					Comments: Please specify any special reporting requirements								
PA08 HA 33-1	9/29/05	0900	S																	
PA08 HA 34-1.5	9/29/05	1020	S																	G106-556
PA08 HA 35-1.5	"	1035	S																	
PA08 HA 36-1.5	"	1055	S																	
PA08 HA 37-1.5	"	1115	S																	
PA08 HA 38-1.5	"	1130	S																	
PA08 HA 39-1.5	"	1320	S																	
Relinquished By				Date	Time	Received By		Date	Time	Temperature	State Certification Requested									
<u>Doreen P. Lamar</u>				<u>9/30/05</u>	<u>1010</u>	<u>Doreen P. Lamar</u>		<u>9/30/05</u>	<u>1010</u>	<u>5-20C</u>	NC <input type="checkbox"/> SC <input type="checkbox"/> Other <input type="checkbox"/>									

N.C. CERTIFICATION #481

ORIGINAL

SEE REVERSE FOR
TERMS AND CONDITIONS

APPENDIX D

LABORATORY ANALYTICAL REPORT - GROUNDWATER

Mr. Darren Lockhart
Environmental Investigations
2101 Gateway Centre Boulevard
Suite 200
Morrisville NC 27560
Report Number: G106-554
Client Project: Parcel 8 Tip#U-2826A

Dear Mr. Lockhart:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.


Laboratory Director
J. Patrick Weaver


Date

**Results for Volatiles
by GCMS 6210D**

Client Sample ID: P8-TW1
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-554-1A
 Lab Project ID: G106-554

Analyzed By: JTF
 Date Collected: 9/12/05 11:30
 Date Received: 9/13/05
 Matrix: Water

Compound	Result	Quantitation	Dilution	Date
	UG/L	Limit UG/L	Factor	Analyzed
Benzene	BQL	0.500	1	9/13/05
Bromobenzene	BQL	0.500	1	9/13/05
Bromochloromethane	BQL	0.500	1	9/13/05
Bromodichloromethane	BQL	0.500	1	9/13/05
Bromoform	BQL	0.500	1	9/13/05
Bromomethane	BQL	0.500	1	9/13/05
n-Butylbenzene	BQL	0.500	1	9/13/05
sec-Butylbenzene	BQL	0.500	1	9/13/05
tert-Butylbenzene	BQL	0.500	1	9/13/05
Carbon tetrachloride	BQL	0.500	1	9/13/05
Chlorobenzene	BQL	0.500	1	9/13/05
Chloroethane	BQL	0.500	1	9/13/05
Chloroform	BQL	0.500	1	9/13/05
Chloromethane	BQL	0.500	1	9/13/05
2-Chlorotoluene	BQL	0.500	1	9/13/05
4-Chlorotoluene	BQL	0.500	1	9/13/05
Dibromochloromethane	BQL	0.500	1	9/13/05
1,2-Dibromo-3-chloropropane	BQL	5.00	1	9/13/05
Dibromomethane	BQL	0.500	1	9/13/05
1,2-Dibromoethane (EDB)	BQL	0.500	1	9/13/05
1,2-Dichlorobenzene	BQL	0.500	1	9/13/05
1,3-Dichlorobenzene	BQL	0.500	1	9/13/05
1,4-Dichlorobenzene	BQL	0.500	1	9/13/05
1,1-Dichloroethane	BQL	0.500	1	9/13/05
1,1-Dichloroethene	BQL	0.500	1	9/13/05
1,2-Dichloroethane	BQL	0.500	1	9/13/05
cis-1,2-Dichloroethene	BQL	0.500	1	9/13/05
trans-1,2-dichloroethene	BQL	0.500	1	9/13/05
1,2-Dichloropropane	BQL	0.500	1	9/13/05
1,3-Dichloropropane	BQL	0.500	1	9/13/05
2,2-Dichloropropane	BQL	0.500	1	9/13/05
1,1-Dichloropropene	BQL	0.500	1	9/13/05
Dichlorodifluoromethane	BQL	5.00	1	9/13/05
Diisopropyl ether (DIPE)	BQL	0.500	1	9/13/05
Ethylbenzene	BQL	0.500	1	9/13/05
Hexachlorobutadiene	BQL	0.500	1	9/13/05
Isopropylbenzene	BQL	0.500	1	9/13/05
4-Isopropyltoluene	BQL	0.500	1	9/13/05
Methylene chloride	BQL	5.00	1	9/13/05
Methyl-tert-butyl ether (MTBE)	BQL	0.500	1	9/13/05
Naphthalene	BQL	0.500	1	9/13/05
n-Propyl benzene	BQL	0.500	1	9/13/05

**Results for Volatiles
by GCMS 6210D**

Client Sample ID: P8-TW1
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-554-1A
 Lab Project ID: G106-554

Analyzed By: JTF
 Date Collected: 9/12/05 11:30
 Date Received: 9/13/05
 Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Styrene	BQL	0.500	1	9/13/05
1,1,1,2-Tetrachloroethane	BQL	0.500	1	9/13/05
1,1,2,2-Tetrachloroethane	BQL	0.500	1	9/13/05
Tetrachloroethene	BQL	0.500	1	9/13/05
Toluene	BQL	0.500	1	9/13/05
1,2,3-Trichlorobenzene	BQL	0.500	1	9/13/05
1,2,4-Trichlorobenzene	BQL	0.500	1	9/13/05
Trichloroethene	BQL	0.500	1	9/13/05
1,1,1-Trichloroethane	BQL	0.500	1	9/13/05
1,1,2-Trichloroethane	BQL	0.500	1	9/13/05
Trichlorofluoromethane	BQL	0.500	1	9/13/05
1,2,3-Trichloropropane	BQL	0.500	1	9/13/05
1,2,4-Trimethylbenzene	BQL	0.500	1	9/13/05
1,3,5-Trimethylbenzene	BQL	0.500	1	9/13/05
Vinyl chloride	BQL	0.500	1	9/13/05
m-,p-Xylene	BQL	1.00	1	9/13/05
o-Xylene	BQL	0.500	1	9/13/05

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.96	100
1,2-Dichloroethane-d4	10	10.8	108
Toluene-d8	10	9.96	100

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By: mc

**Results for Semivolatiles
by GCMS 625**

Client Sample ID: P8-TW1
Client Project ID: Parcel 8 Tip#U-2826A
Lab Sample ID: G106-554-1E
Lab Project ID: G106-554

Analyzed By: MRC
Date Collected: 9/12/2005 11:30
Date Received: 9/13/2005
Date Extracted: 9/15/2005
Matrix: Water

Compound	Result ug/L	Quantitation Limit ug/L	Dilution Factor	Date Analyzed
Acenaphthene	BQL	10.0	1	9/19/2005
Acenaphthylene	BQL	10.0	1	9/19/2005
Anthracene	BQL	10.0	1	9/19/2005
Benzo[a]anthracene	BQL	10.0	1	9/19/2005
Benzo[a]pyrene	BQL	10.0	1	9/19/2005
Benzo[b]fluoranthene	BQL	10.0	1	9/19/2005
Benzo[g,h,i]perylene	BQL	10.0	1	9/19/2005
Benzo[k]fluoranthene	BQL	10.0	1	9/19/2005
Bis(2-chloroethoxy)methane	BQL	10.0	1	9/19/2005
Bis(2-chloroethyl)ether	BQL	10.0	1	9/19/2005
Bis(2-chloroisopropyl)ether	BQL	10.0	1	9/19/2005
Bis(2-ethylhexyl)phthalate	BQL	10.0	1	9/19/2005
4-bromophenyl phenyl ether	BQL	10.0	1	9/19/2005
Butylbenzylphthalate	BQL	10.0	1	9/19/2005
2-Chloronaphthalene	BQL	10.0	1	9/19/2005
2-Chlorophenol	BQL	10.0	1	9/19/2005
4-Chloro-3-methylphenol	BQL	10.0	1	9/19/2005
4-Chlorophenyl phenyl ether	BQL	10.0	1	9/19/2005
Chrysene	BQL	10.0	1	9/19/2005
Dibenzo[a,h]anthracene	BQL	10.0	1	9/19/2005
Di-n-Butylphthalate	BQL	10.0	1	9/19/2005
1,2-Dichlorobenzene	BQL	10.0	1	9/19/2005
1,3-Dichlorobenzene	BQL	10.0	1	9/19/2005
1,4-Dichlorobenzene	BQL	10.0	1	9/19/2005
3,3'-Dichlorobenzidine	BQL	20.0	1	9/19/2005
2,4-Dichlorophenol	BQL	10.0	1	9/19/2005
Diethylphthalate	BQL	10.0	1	9/19/2005
Dimethylphthalate	BQL	10.0	1	9/19/2005
2,4-Dimethylphenol	BQL	10.0	1	9/19/2005
Di-n-octylphthalate	BQL	10.0	1	9/19/2005
4,6-Dinitro-2-methylphenol	BQL	50.0	1	9/19/2005
2,4-Dinitrophenol	BQL	50.0	1	9/19/2005
2,4-Dinitrotoluene	BQL	10.0	1	9/19/2005
2,6-Dinitrotoluene	BQL	10.0	1	9/19/2005
Diphenylamine *	BQL	10.0	1	9/19/2005
Fluoranthene	BQL	10.0	1	9/19/2005
Fluorene	BQL	10.0	1	9/19/2005
Hexachlorobenzene	BQL	10.0	1	9/19/2005
Hexachlorobutadiene	BQL	10.0	1	9/19/2005
Hexachlorocyclopentadiene	BQL	20.0	1	9/19/2005
Hexachloroethane	BQL	10.0	1	9/19/2005
Indeno(1,2,3-c,d)pyrene	BQL	10.0	1	9/19/2005

**Results for Semivolatiles
by GCMS 625**

Client Sample ID: P8-TW1
 Client Project ID: Parcel 8 Tip#U-2826A
 Lab Sample ID: G106-554-1E
 Lab Project ID: G106-554

Analyzed By: MRC
 Date Collected: 9/12/2005 11:30
 Date Received: 9/13/2005
 Date Extracted: 9/15/2005
 Matrix: Water

Compound	Result ug/L	Quantitation Limit ug/L	Dilution Factor	Date Analyzed
Isophorone	BQL	10.0	1	9/19/2005
Naphthalene	BQL	10.0	1	9/19/2005
Nitrobenzene	BQL	10.0	1	9/19/2005
2-Nitrophenol	BQL	10.0	1	9/19/2005
4-Nitrophenol	BQL	50.0	1	9/19/2005
N-Nitrosodi-n-propylamine	BQL	10.0	1	9/19/2005
Pentachlorophenol	BQL	50.0	1	9/19/2005
Phenanthrene	BQL	10.0	1	9/19/2005
Phenol	BQL	10.0	1	9/19/2005
Pyrene	BQL	10.0	1	9/19/2005
1,2,4-Trichlorobenzene	BQL	10.0	1	9/19/2005
2,4,6-Trichlorophenol	BQL	10.0	1	9/19/2005

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.8	88
2-Fluorophenol	10	8.7	87
Nitrobenzene-d5	10	8.6	86
Phenol-d6	10	9	90
2,4,6-Tribromophenol	10	7.3	73
4-Terphenyl-d14	10	9	90

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: mm

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

Organic Compounds Detected in Groundwater
 Brenner Iron & Waste Management
 May 15, 2002

Well ID	MW-1	MW-2	MW-3	MW-4	MW-5	NCAC 2L GW Standard
Benzene	0.2	BQL	BQL	54	BQL	1
n-Butylbenzene	0.9	BQL	BQL	2	BQL	70
DIPE	0.9	BQL	BQL	7	BQL	70
Ethylbenzene	2	BQL	BQL	48	BQL	29
Isopropylbenzene	0.6	BQL	BQL	2	BQL	70
MTBE	BQL	BQL	BQL	18	BQL	200
Naphthalene	0.8	BQL	BQL	BQL	BQL	21
n-Propyl benzene	1	BQL	BQL	4	BQL	70
Tetrachloroethene	4	BQL	0.5	BQL	1	0.7
Toluene	0.6	BQL	BQL	48	BQL	1000
1,2,4-Trimethylbenzene	4	BQL	BQL	43	BQL	350
1,3,5-Trimethylbenzene	2	BQL	BQL	17	BQL	350
Total Xylenes	6	BQL	BQL	193	BQL	530 (total)
Butylbenzylphthalate	60	200	1000	NA	100	100
C5 - C8 Aliphatics	110	BQL	BQL	430	BQL	420
C9 - C18 Aliphatics	BQL	BQL	BQL	420	BQL	4200
C19 - C36 Aliphatics	BQL	BQL	200	NA	BQL	42000
C9 - C22 Aromatics	BQL	BQL	130	NA	BQL	210

All concentrations expressed in micrograms per liter (ug/L)

BQL - Below method quantitation limit

Shaded value denotes concentration exceeding groundwater standard

NA - Parameter not analyzed