

*Phase II Environmental  
Site Assessment Report  
NBD Bank Trust/Zaleski Property  
East of Cline Avenue  
Between Chicago Avenue and Gary Avenue  
Gary, Indiana, 46406*

Prepared for:  
**Gary/Chicago International Airport Authority**



September 24, 2007

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## ***Executive Summary***

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This *Phase II Environmental Site Assessment* (Phase II ESA) report was prepared for the Gary/Chicago International Airport Authority (GCIAA) to evaluate subsurface impacts to soil and groundwater for a portion of the NBD Bank Trust/Zaleski property, located east of Cline Avenue between Chicago Avenue and Gary Avenue in Gary, Indiana. The assessment area consisted of four parcels of primarily undeveloped land totaling approximately 84 acres of land. The site was vacant with the exception of one office trailer located in the truck parking lot along the western border of the southernmost parcel. The area of assessment consisted of the two southernmost parcels of the properties collectively referred to as the NBD Bank Trust/Zaleski property. This document has been prepared for the use of the GCIAA. A site location map has been provided as Figure 1.

Quality Environmental Professionals, Inc. (Qepi) has performed a Phase II ESA for the NBD Bank Trust/Zaleski property, located to the east of Cline Avenue between Chicago Avenue and Gary Avenue in Gary, Indiana. This assessment consisted of the advancement of 10 soil borings and the installation of 6 groundwater monitoring wells throughout the parcels. The assessment revealed the following:

- 4 of the 10 soil borings advanced exhibited chemical concentrations exceeding IDEM Risk Integrated System of Closure (RISC) Default Industrial Cleanup Levels (IDCLs) for total petroleum hydrocarbons (TPH) gasoline range organics (GRO) from a depth of 0 to 2 feet below ground surface (bgs). Additionally 4 of the 10 soil borings advanced exhibited chemical concentrations exceeding RISC Default Industrial cleanup objectives for TPH (GRO) from a depth of 2 to 4 feet bgs.
- 4 of the 10 soil borings advanced exhibited chemical concentrations exceeding IDEM RISC IDCLs for hydrocarbons TPH extended range organics (ERO) from a depth of 0 to 2 feet bgs. Additionally 3 of the 10 soil borings advanced exhibited chemical concentrations exceeding RISC Default Industrial cleanup objectives for TPH (ERO) from a depth of 2 to 4 feet bgs.
- 2 of the 10 soil borings advanced exhibited chemical concentrations above IDEM RISC IDCLS from a depth of 0 to 2 feet bgs for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene and dibenzo(a,h)anthracene. Additionally, one of these soil borings had a chemical concentration for benzo(a)pyrene and dibenzo(a,h)anthracene exceeding IDEM RISC IDCLs from 2 to 4 feet bgs and one of these soil borings also had chemical impacts exceeding IDEM RISC IDCLs from 2 to 4 feet bgs for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene and dibenzo(a,h)anthracene. One soil boring advanced had chemical impacts exceeding IDEM RISC IDCLs from a depth of 0 to 2 feet bgs for benzo(a)pyrene and dibenzo(a,h)anthracene. An additional soil boring advanced had chemical impacts exceeding IDEM RISC IDCLs from 0 to 2 feet bgs for benzo(a)pyrene and from 2 to 4 feet bgs for benzo(a)pyrene, benzo(b)fluroanthene and dibenzo(a,h)anthracene. Chemical impacts exceeding IDEM RISC IDCLs for phenathrene were also found in one soil boring from 0 to 2 feet bgs and 2 to 4 feet bgs.

## ***Executive Summary***

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(Continued)

- 1 of the 10 soil borings advanced exhibited chemical concentrations exceeding IDEM RISC IDCLs for lead from a depth of 0 to 2 feet bgs. Additionally, 2 of the 10 soil borings exhibited arsenic concentrations above IDEM RISC IDCLs from 0 to 2 feet bgs. One soil borings (B-7) exhibited concentrations exceeding IDEM RISC IDCLs for arsenic from 2 to 4 feet bgs.
- 3 of the 6 groundwater monitoring wells installed exhibited chemical concentrations above IDEM RISC IDCLs for TPH (ERO). Additionally, one of the monitoring wells exhibited chemical concentrations above IDEM RISC IDCLs for arsenic.

Based on the results of this assessment, impacts to both soil and groundwater exceeding IDEM RISC IDCLs were present for portions of the subject site. Qepi was provided with previously completed Phase II Environmental Site Assessments for the northern parcels of the site. Qepi will utilize data obtained from this assessment in concert with previously collected data to provide the GCIAA with remedial alternatives for soil and groundwater. Qepi will provide a Corrective Action Plan report to the GCIAA under separate cover.

## **1.0 Introduction**

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Qepi was contracted by the Gary/Chicago International Airport Authority (GCIAA) to conduct a Phase II Environmental Site Assessment (Phase II ESA) for the two southernmost parcels of the property referred to as the NBD Bank Trust/Zaleski property, located to the east of Cline Avenue between Chicago Avenue and Gary Avenue in Gary, Indiana, herein referred to as the “site.” The GCIAA requested this Phase II ESA be conducted for redevelopment of the NBD Trust/Zaleski property for relocation of a portion of the Elgin, Joliet and Eastern Railroad and for extension of the GCIAA runway. This document is prepared for the sole use of the GCIAA and is a document upon which they may rely.

This Phase II ESA was conducted in general conformance with American Society of Testing and Materials (ASTM) Standards for Phase II Environmental Site Assessments (ASTM E 1903).

This assessment was conducted for the purpose of evaluating subsurface impacts to soil and groundwater throughout the two southernmost parcels of the property, which currently encompasses four separate parcels. A site map depicting the assessment area is provided as Figure 2.

Based on the historic use of the site and under the direction of the GCIAA, the prospective chemicals of concerns (COCs) included in this assessment are volatile organic compounds (VOCs), carcinogenic polyaromatic hydrocarbons (cPAHs), polychlorinated biphenyls (PCBs), total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and extended range organics (ERO) and Resource, Conservation and Recovery Act (RCRA) 8 metals.

Qepi advanced a total of 10 soil borings to a maximum of depth of 14 feet below ground surface (bgs). In 7 of the 10 soil borings advanced, two soil samples were submitted for laboratory analysis of VOCs, cPAHs, PCBs, TPH (GRO/ERO) and RCRA 8 metals. The first soil sample collected from each soil borings was collected from the initial subsurface interval encountered. The second soil sample collected was collected from the depth encountered immediately above the first encountered saturated zone in 7 of the 10 borings. Three soil borings advanced (B-1, B-9 and B-10) were sampled from only sampled from the initial encountered subsurface interval due to the presence of a shallow water table. Soil boring locations are depicted on Figure 2.

The purpose of this subsurface assessment was to determine the extent of impacts to soil and groundwater throughout the site and to provide the GCIAA with an evaluation of subsurface impacts encountered. This assessment was limited to the parameters sampled for and limited to the depths and areas sampled. Groundwater samples were collected from the monitoring wells installed during this assessment.

## ***2.0 Physical Description***

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### ***2.1 Site Description***

The subject property was located directly east of Cline Avenue, between Chicago Avenue and Gary Avenue in Gary, Indiana. The site was roughly rectangular in shape and bounded to the north and east by the Beemsterboer Slag Ballast property, to the north by Amerigas Propane and Chicago Avenue, to the south by Gary Avenue and the Elgin, Joliet and Eastern Railroad, to the east by the main runway of the Gary/Chicago International Airport and the former Conservation Chemical Company of Illinois property, and to the west by Cline Avenue. The site was located directly northwest of the Gary/Chicago International Airport, situated between Lake Michigan and the Grand Calumet River in Gary, Indiana. The subject property is located in the northeast quarter of Section 35, Township 37 North, and Range 9 West in Lake County, Indiana. The site has been represented on Figure 1 on the United States Geological Survey (USGS) 7.5 Minute Topographic Map of the Highland, Indiana Quadrangle.

The site consisted of four vacant parcels of land with overgrowth vegetation and marshy lands on approximately 84 acres. An asphalt parking area was situated along the western boundary of the property, utilized for parking semi-trailers. A small office trailer was located along the western portion of the parking area. The site was roughly rectangular shaped. A gravel covered parking lot was located adjacent to the maintenance building. The site can be accessed via two paved entrance into the parking area running off of an access road located directly east of Cline Avenue. The site bordered to the north by Chicago Avenue and to the south by Gary Avenue.

The assessment area consisted of the two southernmost parcels of the properties, Parcel # 25-40-0150-002 and Parcel # 25-40-0150-0011. The parcels were predominately undeveloped, with overgrowth vegetation and marshy lands encompassing a majority of the parcels. An asphalt parking area was present along the western portion of the parcels. Overgrowth vegetation and marsh lands present at the site were consistent with wetlands. Areas were noted where vegetation has grown atop asphalt debris. Staining was noted on surface soils and an oily sheen was noted on standing water present in numerous areas around the properties. Areas of distressed vegetation were present throughout the parcels.

It should be noted that several monitoring wells were noted at the site in the eastern portion of the property, along with several drainage ditches. Based on files reviewed pertaining to the Conservation Chemical facility, located directly east of the site, these additional monitoring wells were related to the monitoring well network for that facility. These monitoring wells were not sampled as part of this assessment.

### ***2.2 Physical Setting***

According to the USGS topographic map, the topography of the site is relatively flat with an elevation of approximately 590 feet above mean sea level (amsl). The site is located in the Calumet Lacustrine Plain Physiographic Region. The site is located in the Lake Michigan Basin

## ***2.0 Physical Description***

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(Continued)

(INDNR, 1987). The area is characterized by beach ridges, dunes and interridge marshes. Surficial deposits are predominately sand and gravel. Most of the surficial material was deposited during Wisconsinan and pre-Wisconsinan Glaciation.

The predominate soils types in the project site area are Oakville-Tawas association soils consisting of steep, nearly level, very poorly drained and excessively drained and coarse textured to moderately coarse textured soils. These soils are developed in organic materials and in sandy mineral soil materials (Benton, 1977). The Oakville series found at the site consists of deep, excessively-drained soils formed in sandy dunes and beach ridges. Permeability is very rapid and it has a low available water capacity. Organic matter content is high in the surface layer. Runoff is slow. Slope ranges from 0 to 6 percent (Benton, 1977). Unconsolidated deposits in the vicinity of the subject site are approximately 150 feet thick (Gray, 1983).

Underlying bedrock is the Devonian Muscatatuck Group overlapping and truncating the Silurian Niagaran Salamonie Dolomite (Gray, Ault, and Keller, 1987). The Muscatatuck Group predominately consists of beds of dolomite and sandy dolomitic quartz sandstone. The Salamonie Dolomite consists of beds dolomite and chert-rich limestone. (Shaver, et al, 1986). The bedrock surface underlying the site slopes to the southeast (Gray, 1982).

Based upon area topography, surface drainage in the area of the site was likely towards the marshy lands located primarily in the center of the property. Previously conducted assessments determined groundwater flow to the south-southeast, which was based on survey data collected from previously installed groundwater monitoring wells. Regional groundwater flow direction in the area of the site is most likely south towards the Grand Calumet River (Beaty and Clendenon, 1987).

## ***3.0 Summary of Finding***

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### ***3.1 Sampling Methodology***

A total of 10 soil borings (B-1 through SB-10) were advanced to depths ranging from 10 to 14 feet bgs at the site from August 7 to August 9, 2007. Each boring was advanced using direct push technology and logged on Qepi boring logs. Boring logs are provided as Appendix A. Drilling activities were conducted by D & T Drilling, Inc. of Osceola, Indiana under oversight by Qepi personnel.

Soil was logged in 2-foot intervals and screened with a photo-ionization detector (PID). In 7 of the 10 borings, both the 2-foot interval at the initial soil surface and the 2-foot interval immediately above the first encountered saturated zone were submitted to Microbac Laboratories, Inc. of Merrillville, Indiana for laboratory analysis. Additionally, 3 of the soil borings were advanced (B-1, B-9 and B-10 with the initial soil surface interval sampled. Soil samples collected were submitted for laboratory analysis using United States Environmental Protection Agency (US EPA) SW-846 Method 8260 for VOCs, US EPA SW-846 Method 8270 for cPAHs, US EPA SW-846 Method 8270SIM, for PCBs using US EPA SW-846 Method 8082, for TPH (GRO/ERO) using US EPA SW-846 Method 8015 and US EPA SW-846 Method 6010B/7471A for RCRA 8 Metals. Samples collected were placed into laboratory-prepared sample containers and stored in a secured, iced cooler (at 4°C) under Qepi chain of custody.

In addition to the soil borings, Qepi installed 6 monitoring wells to depths ranging from 13 to 15 feet bgs. Following development of the wells, Qepi personnel measured and recorded static water levels of the monitoring well network. Monitoring wells were sampled using low flow sampling techniques. Groundwater monitoring well samples were submitted for laboratory analysis using US EPA SW-846 Method 8260 for VOCs, US EPA SW-846 Method 8270 for cPAHs, US EPA SW-846 Method 8270SIM, for PCBs using US EPA SW-846 Method 8082, for TPH (GRO/ERO) using US EPA SW-846 Method 8015 and US EPA SW-846 Method 6010B/7471A for RCRA 8 Metals. Samples collected were placed into laboratory-prepared sample containers and stored in a secured, iced cooler (at 4°C) under Qepi chain of custody.

### ***3.2 Groundwater Flow***

On August 26, 2007, Qepi personnel measured and recorded the static water levels of the monitoring well network. Water was encountered at depths ranging from 3.00 feet to 10.61 feet in monitoring wells MW-1 and MW-5 respectively. Based on the static water level measurements collected on June 15, 2007, groundwater flow at the site is to the south toward the Grand Calumet River. A groundwater flow map is provided as Figure 3.

## ***3.0 Summary of Findings***

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(Continued)

### ***3.3 Soil Analytical Results***

#### ***3.3.1 Volatile Organics Compounds/Total Petroleum Hydrocarbons***

Soil impacts exceeding IDEM RISC IDCLs were encountered in 4 soil borings advanced (B-1, B-2, B-5, B-6) from a depth of 0 to 2 feet bgs and in 4 soil borings advanced (B-2, B-5, B-6, B-7) from a depth of 2 to 4 feet bgs for TPH (GRO). Additionally, soil impacts exceeding IDEM RISC IDCLs were encountered in 4 soil borings (B-1, B-2, B-5, B-6) from a depth of 0 to 2 feet bgs and in 3 soil borings (B-2, B-5, B-6) from a depth of 2 to 4 feet bgs for TPH (ERO). No VOC concentration encountered exceeded industrial cleanup objectives. VOC and TPH analytical results have been depicted on Figure 4a and shown on Table 1.

#### ***3.3.2 Carcinogenic Polycyclic Aromatic Hydrocarbons***

Soil impacts exceeding IDEM RISC IDCLs were encountered in 2 soil borings advanced (B-5, B-6) from a depth of 0 to 2 feet bgs for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene and dibenzo(a,h)anthracene. Additionally, soil boring B-5 had a chemical concentration for benzo(a)pyrene and dibenzo(a,h)anthracene exceeding IDEM RISC IDCLs from 2 to 4 feet bgs. Soil boring B-6 also had chemical impacts exceeding IDEM RISC IDCLs from 2 to 4 feet bgs for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene and dibenzo(a,h)anthracene. Soil boring B-1 had chemical impacts exceeding IDEM RISC IDCLs from a depth of 0 to 2 feet bgs for benzo(a)pyrene and dibenzo(a,h)anthracene. Soil boring B-2 had chemical impacts exceeding IDEM RISC IDCLs from 0 to 2 feet bgs for benzo(a)pyrene and from 2 to 4 feet bgs for benzo(a)pyrene, benzo(b)fluoranthene and dibenzo(a,h)anthracene. Chemical impacts exceeding IDEM RISC IDCLs for phenanthrene were found in soil boring B-6 from 0 to 2 feet bgs and 2 to 4 feet bgs. CPAH analytical results are depicted on Figure 4b and shown on Table 2.

#### ***3.3.3 Polychlorinated Biphenyls***

No soil impacts were encountered exceeding IDEM RISC Residential or IDEM RISC Industrial Cleanup objectives for PCBs. PCBs do not appear to be of concern for soils in the assessment area. PCB analytical results are depicted on Figure 4c and shown on Table 3.

## ***3.0 Summary of Findings***

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### ***3.3.4 Metals***

Soil impacts exceeding IDEM RISC IDCLs were encountered in 1 soil boring advanced (B-1) from a depth of 0 to 2 feet bgs. Additionally, 2 soil borings advanced (B-6 and B-8) exhibited arsenic concentrations above IDEM RISC IDCLs from 0 to 2 feet bgs and 1 soil boring advanced (B-7) exhibited an arsenic concentration exceeding IDEM RISC IDCLs from 2 to 4 feet bgs. No other metal concentration encountered exceeding industrial cleanup objectives. Metal analytical results are depicted on Figure 4d and shown on Table 4.

## ***3.4 Groundwater Analytical Results***

### ***3.4.1 Volatile Organics Compounds/Total Petroleum Hydrocarbons***

Groundwater impacts exceeding IDEM RISC IDCLs were encountered in 3 of the 6 groundwater monitoring wells installed (MW-1, MW-3, MW-5) for TPH (ERO) with the highest concentration (6,600 ppb) located at MW-1 and MW-5. VOC concentrations encountered did not exceed industrial cleanup objectives. VOC and TPH analytical results are depicted on Figure 5a and shown on Table 5.

### ***3.4.2 Carcinogenic Polycyclic Aromatic Hydrocarbons***

Groundwater impacts were not encountered exceeding IDEM RISC Residential or IDEM RISC Industrial Cleanup objectives. CPAHs do not appear to be of concern for groundwater in the assessment area. CPAH analytical results are depicted on Figures 5b and shown on Table 6.

### ***3.4.4 Metals***

Groundwater impacts exceeding IDEM RISC IDCLs were encountered for arsenic in monitoring well MW – 3. No additional metals concentrations encountered exceeded IDEM RISC industrial cleanup objectives. Metals analytical results are depicted on Figure 5c and shown on Table 7.

## ***4.0 Conclusions & Recommendations***

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Qepi has performed this Phase II ESA as outlined in the proposed scope of work for the NBD Bank Trust/Zaleski property located to the east of Cline Avenue between Chicago Avenue and Gary Avenue in Gary, Indiana. This assessment revealed the following results:

- 4 of the 10 soil borings advanced exhibited chemical concentrations exceeding RISC IDCLs for total TPH (GRO) from a depth of 0 to 2 feet bgs. Additionally 4 of the 10 soil borings advanced exhibited chemical concentrations exceeding RISC Default Industrial cleanup objectives for TPH (GRO) from a depth of 2 to 4 feet bgs.
- 4 of the 10 soil borings advanced exhibited chemical concentrations exceeding IDEM RISC IDCLs for hydrocarbons TPH (ERO) from a depth of 0 to 2 feet bgs. Additionally 3 of the 10 soil borings advanced exhibited chemical concentrations exceeding RISC Default Industrial cleanup objectives for TPH (ERO) from a depth of 2 to 4 feet bgs.
- 2 of the 10 soil borings advanced exhibited chemical concentrations above IDEM RISC IDCLS from a depth of 0 to 2 feet bgs for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene and dibenzo(a,h)anthracene. Additionally, one of these soil borings had a chemical concentration for benzo(a)pyrene and dibenzo(a,h)anthracene exceeding IDEM RISC IDCLs from 2 to 4 feet bgs and one of these soil borings also had chemical impacts exceeding IDEM RISC IDCLs from 2 to 4 feet bgs for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene and dibenzo(a,h)anthracene. One soil boring advanced had chemical impacts exceeding IDEM RISC IDCLs from a depth of 0 to 2 feet bgs for benzo(a)pyrene and dibenzo(a,h)anthracene. An additional soil boring advanced had chemical impacts exceeding IDEM RISC IDCLs from 0 to 2 feet bgs for benzo(a)pyrene and from 2 to 4 feet bgs for benzo(a)pyrene, benzo(b)fluroanthene and dibenzo(a,h)anthracene. Chemical impacts exceeding IDEM RISC IDCLs for phenathrene were also found in one soil boring from 0 to 2 feet bgs and 2 to 4 feet bgs.
- 1 of the 10 soil borings advanced exhibited chemical concentrations exceeding IDEM RISC IDCLs for lead from a depth of 0 to 2 feet bgs. Additionally, 2 of the 10 soil borings exhibited arsenic concentrations above IDEM RISC IDCLs from 0 to 2 feet bgs. One soil borings (B-7) exhibited concentrations exceeding IDEM RISC IDCLs for arsenic from 2 to 4 feet bgs.
- 3 of the 6 groundwater monitoring wells installed exhibited chemical concentrations above IDEM RISC IDCLs for TPH (ERO). Additionally, one of the monitoring wells exhibited chemical concentrations above IDEM RISC IDCLs for arsenic.

Based on the findings of this assessment, chemical impacts exceeding IDEM RISC IDCLs were present in both soil and groundwater for portions of the subject site. Qepi was provided with previously completed Phase II Environmental Site Assessments for the northern parcels of the site. Qepi will utilize data obtained from this assessment in concert with previously collected data to

## ***4.0 Conclusions & Recommendation***

(Continued)

provide the GCIAA with remedial alternatives for both soil and groundwater. Qepi will provide a Corrective Action Plan report to the GCIAA under separate cover.

## ***5.0 Report Disclaimer***

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This Phase II ESA report was prepared in accordance with generally accepted principles and practices in the environmental consulting field. Conclusions and recommendations expressed herein were developed from site evaluation and limited research, and we are not responsible for unrecorded data pertaining to this site. Qepi makes no warranties, expressed or implied, as to the fitness or merchantability of said property for any particular purpose, and we are not responsible for independent conclusions or opinions made by others based on this report.

This assessment was limited to the areas specified on the figures of this report. Qepi is not responsible for the identification of recognized environmental conditions that may be present outside this evaluated area, chemical parameters other than those specified by the GCIAA, or at depths greater than that to which soil borings were advanced.

Any opinions and/or recommendations presented apply to site conditions existing at the time of performance of services. We are unable to report on or accurately predict events, which may impact the site, following performance of the described services, whether occurring naturally or caused by external forces. We assume no responsibility for conditions we are not authorized to investigate, or conditions not generally recognized as predictable at the time services are performed. Qepi makes no recommendations in regards to the sale, purchase, lease, construction, or other improvements on the subject property.

We are not responsible for changes in applicable regulatory standards, practices, or regulations following performance of services.

## ***6.0 References Cited***

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- United States Geological Survey, Highland, Indiana Quadrangle, Indiana, 7.5 Minute Series Topographic Map.

## **7.0 Signature Page**

This *Phase II Environmental Site Assessment* report was prepared by Mr. Nivas R. Vijay, Project Manager, and reviewed by Mr. Philip N. Ward, Director of Geology Services.

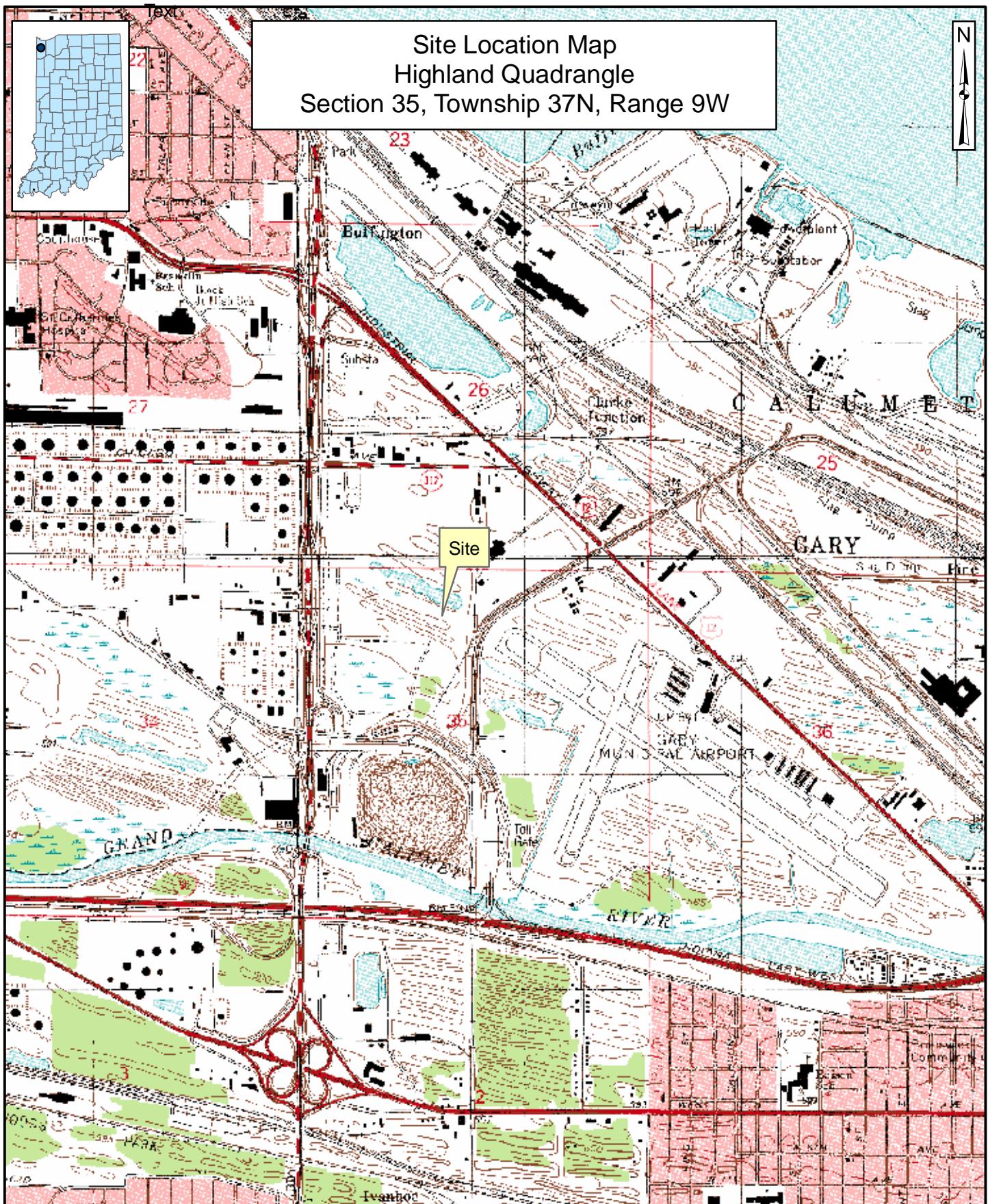


Nivas R. Vijay  
Project Manager



Philip N. Ward, LPG  
Director of Geology Services

# Figures



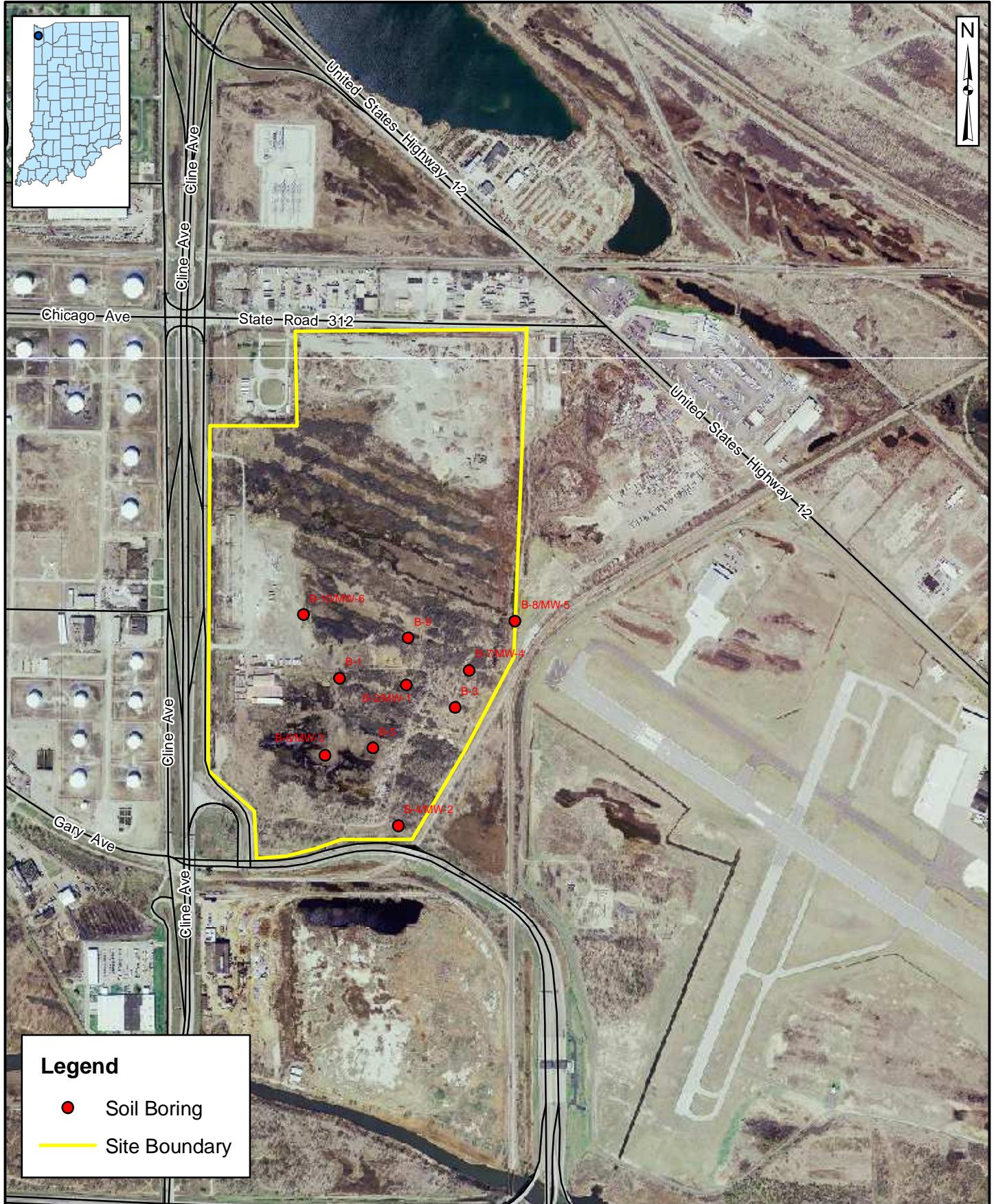
Base Map: USGS Digital Raster Graphic Enhanced (DRGe)



**QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.**  
 1611 South Franklin Road  
 Indianapolis, Indiana 46239

**FIGURE 1**  
**SITE LOCATION MAP**  
**NBD BANK TRUST PROPERTY**  
**EAST OF CLINE AVENUE**  
**GARY, INDIANA**

Project Number:	Date:
07-05-024	9/14/07
Drawn By:	Scale:
CWH	1"=2000'
Checked By:	Sheet:
NRV	1



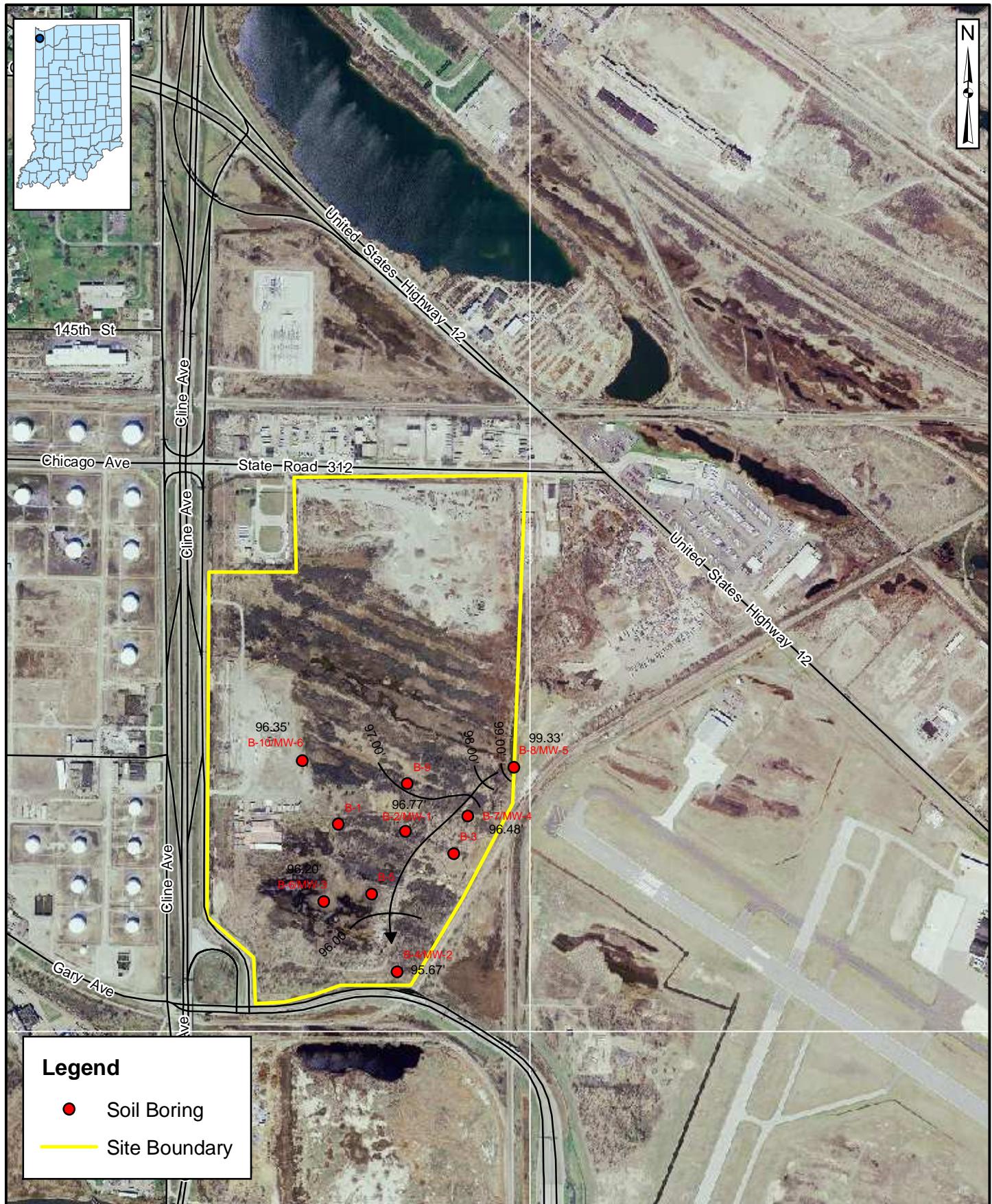
Base Map: 2005 Statewide Natural Color Aerial Photo



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**FIGURE 2**  
**SITE MAP**  
**NBD BANK TRUST PROPERTY**  
**EAST OF CLINE AVENUE**  
**GARY, INDIANA**

Project Number:	Date:
07-05-024	9/14/07
Drawn By:	Scale:
CWH	1"=1000'
Checked By:	Sheet:
NRV	1



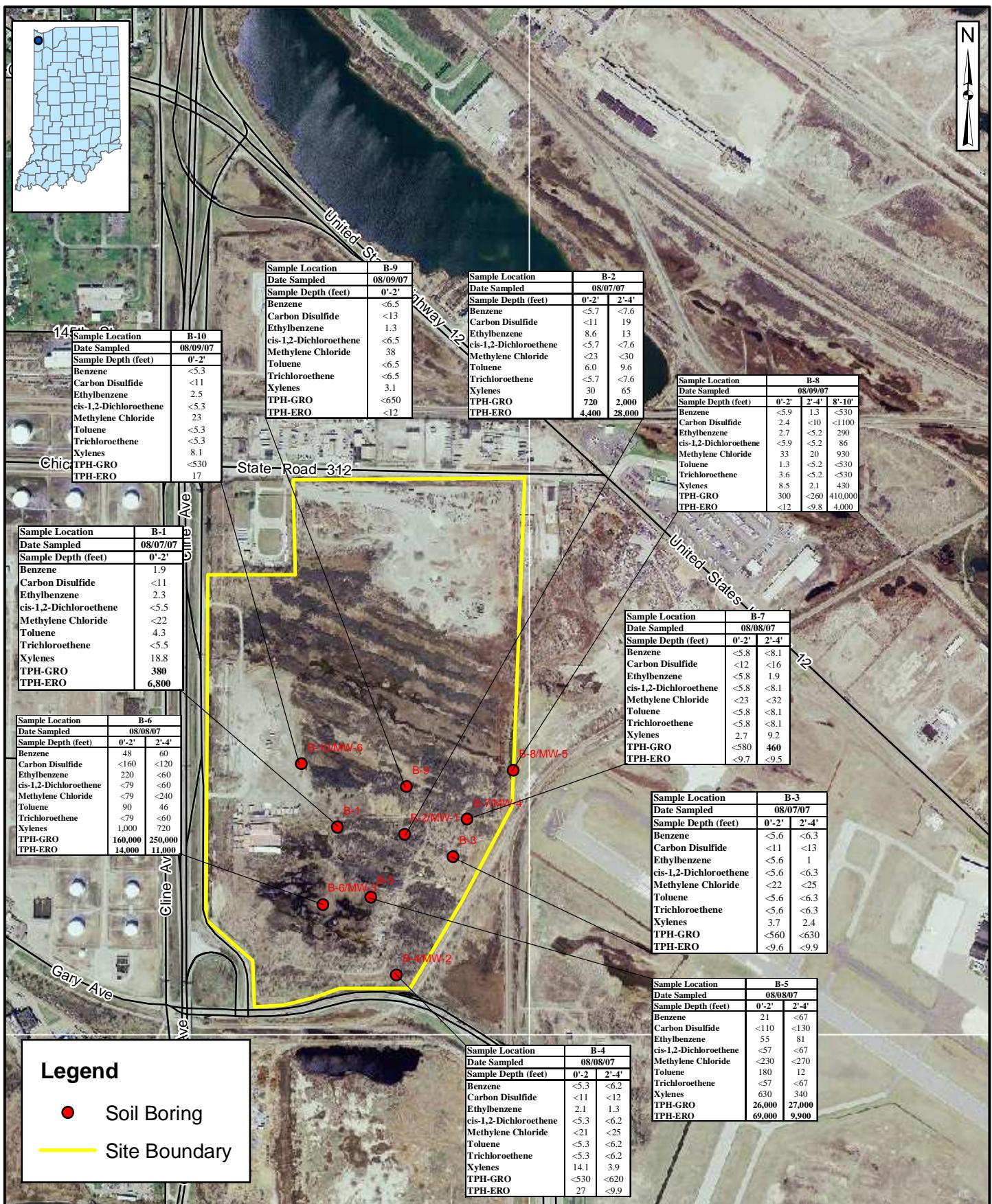
Base Map: 2005 Statewide Natural Color Aerial Photo



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**FIGURE 3**  
**GROUNDWATER FLOW MAP**  
**NBD BANK TRUST PROPERTY**  
**EAST OF CLINE AVENUE**  
**GARY, INDIANA**

Project Number:	Date:
07-05-024	9/14/07
Drawn By:	Scale:
CWH	1"=1000'
Checked By:	Sheet:
NRV	1



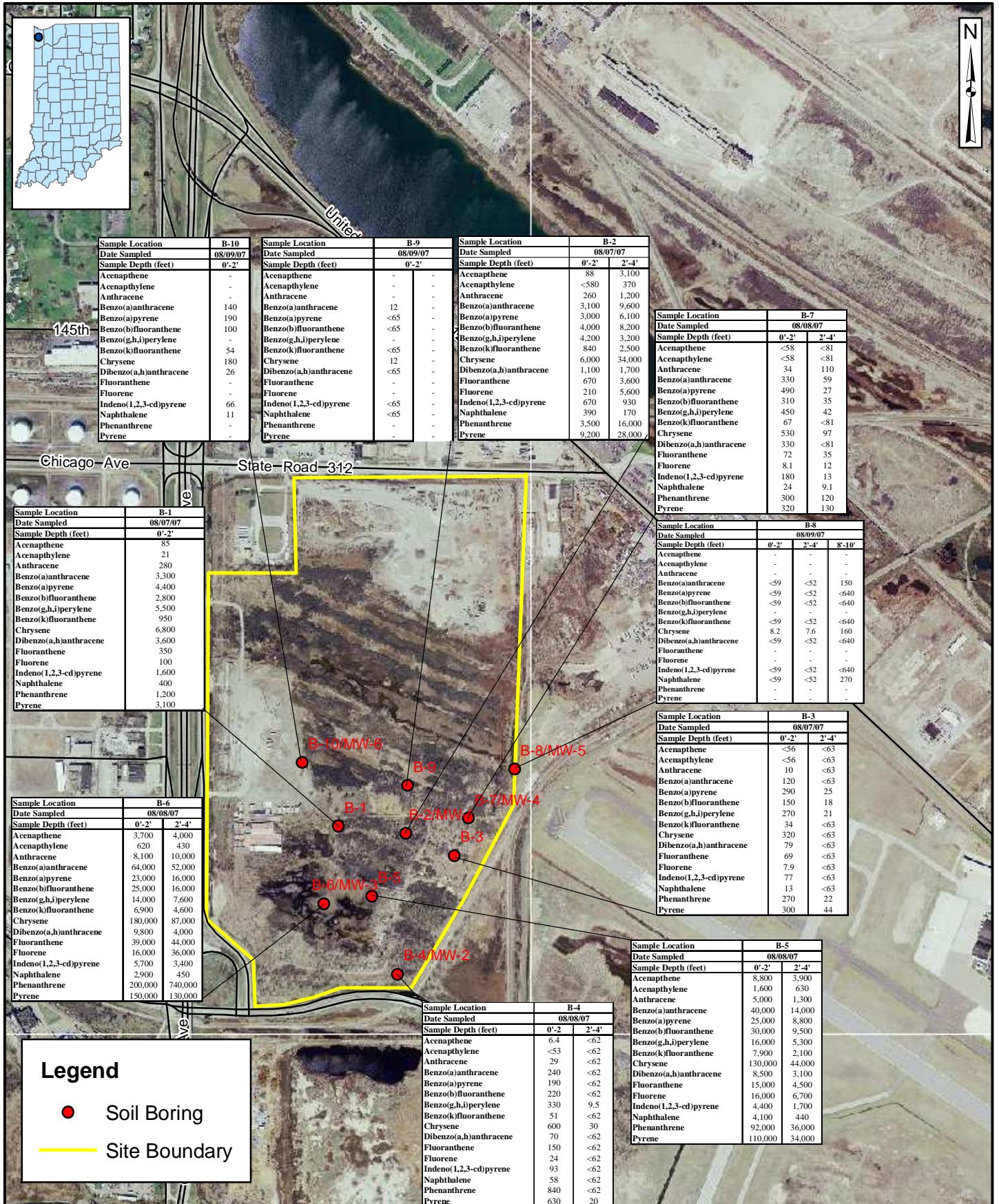
Base Map: 2005 Statewide Natural Color Aerial Photo



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FIGURE 4A  
VOCs IN SOIL  
NBD BANK TRUST PROPERTY  
EAST OF CLINE AVENUE  
GARY, INDIANA

Project Number: 07-05-024 Date: 9/14/07  
Drawn By: CWH Scale: 1"=1000'  
Checked By: NRV Sheet: 1



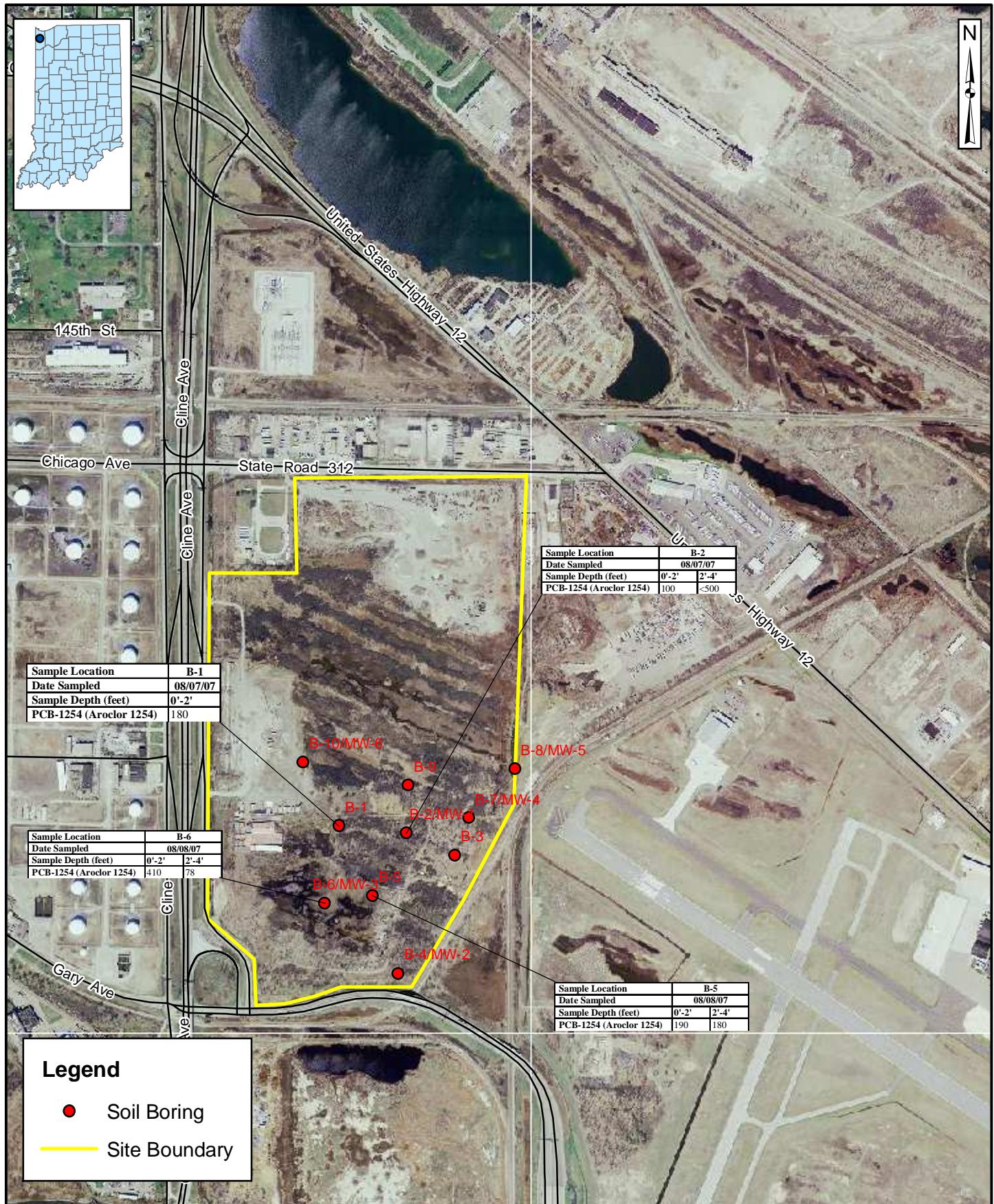
Base Map: 2005 Statewide Natural Color Aerial Photo



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FIGURE 4B  
PAH IN SOIL  
NBD BANK TRUST PROPERTY  
EAST OF CLINE AVENUE  
GARY, INDIANA

Project Number: 07-05-024 Date: 9/14/07  
Drawn By: CWH Scale: 1"=1000'  
Checked By: NRV Sheet: 1



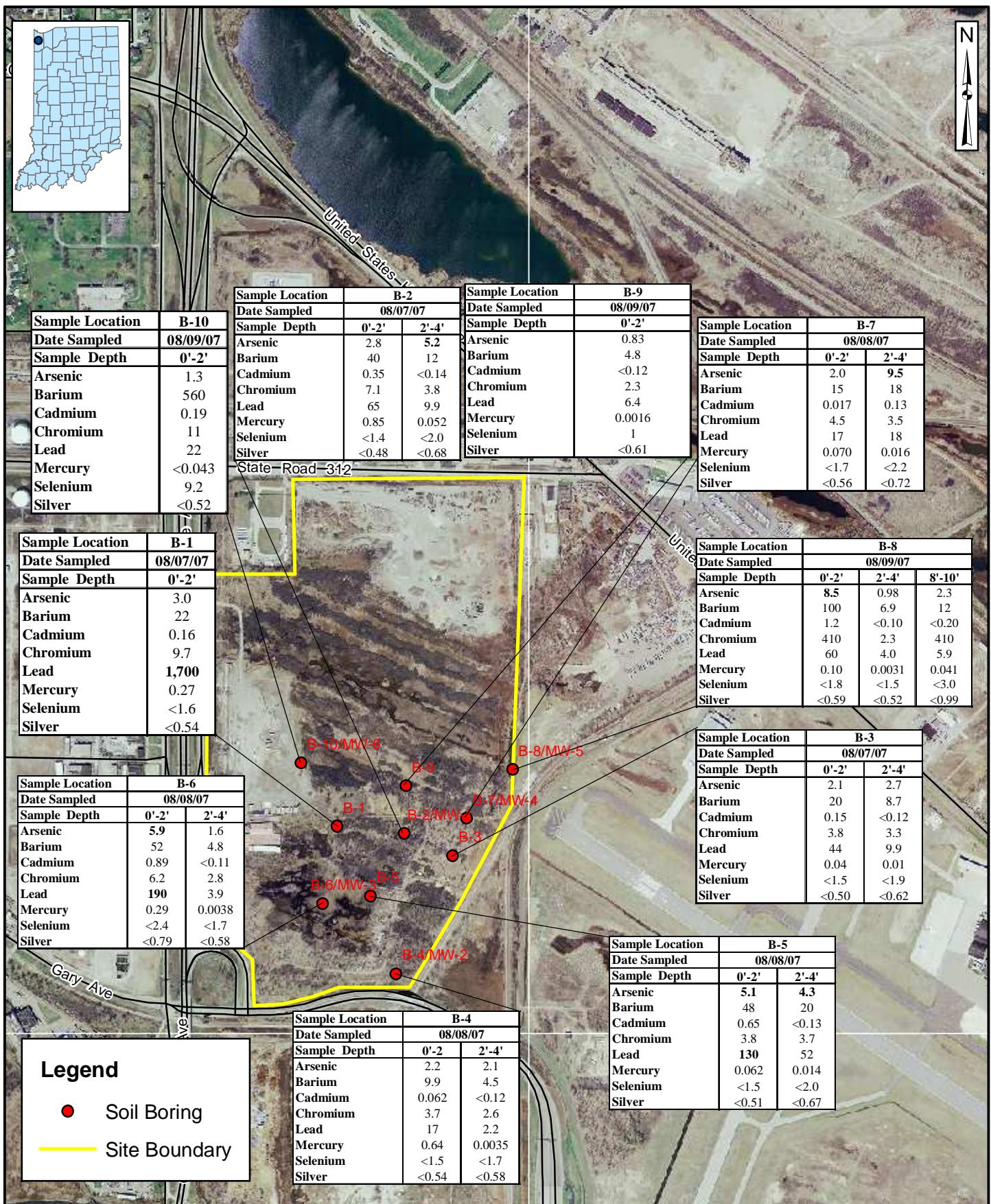
Base Map: 2005 Statewide Natural Color Aerial Photo



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FIGURE 4C  
PCBs IN SOIL  
NBD BANK TRUST PROPERTY  
EAST OF CLINE AVENUE  
GARY, INDIANA

Project Number: 07-05-024 Date: 9/14/07  
Drawn By: CWH Scale: 1"=1000'  
Checked By: NRV Sheet: 1



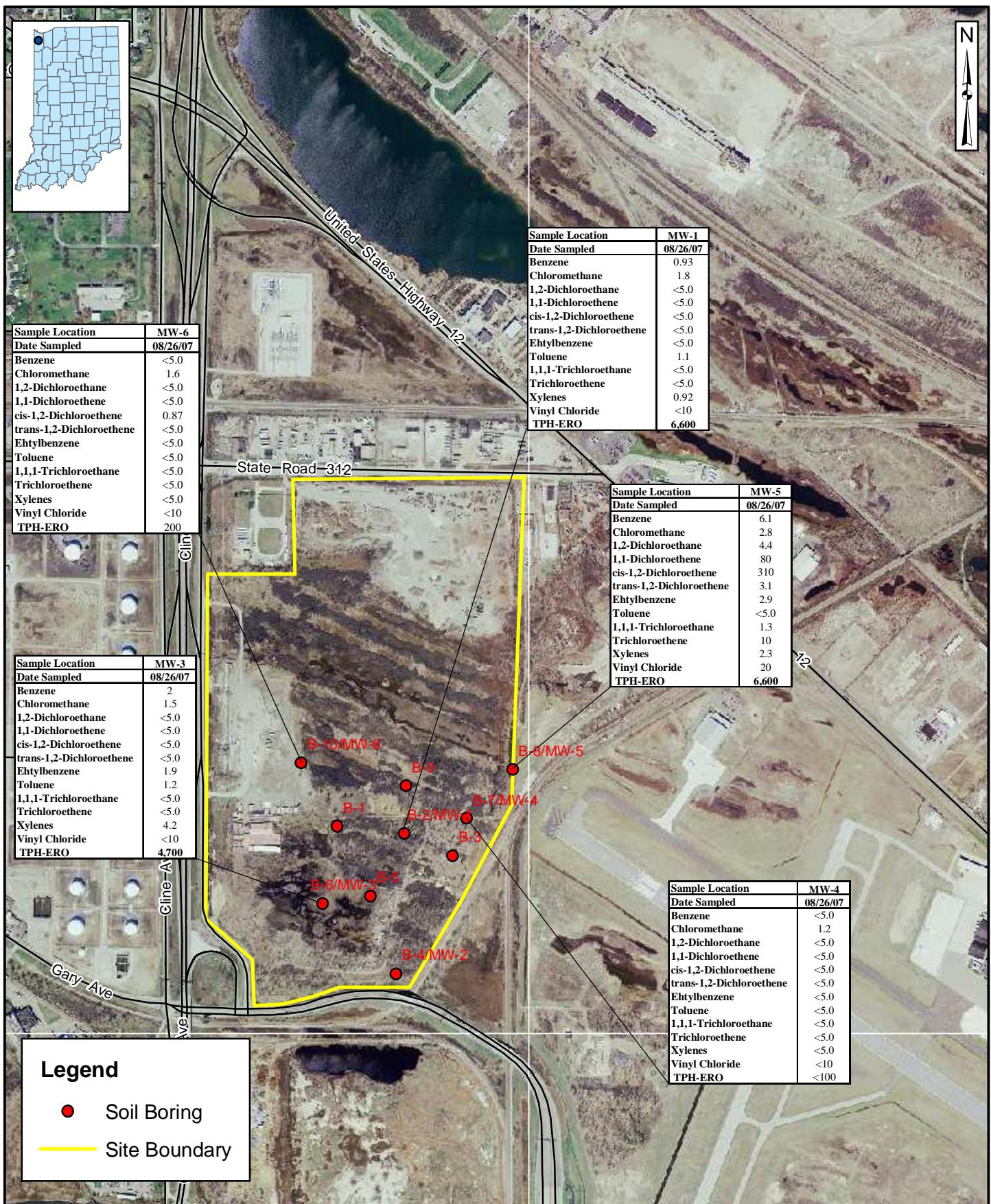
Base Map: 2005 Statewide Natural Color Aerial Photo



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FIGURE 4D  
METALS IN SOIL  
NBD BANK TRUST PROPERTY  
EAST OF CLINE AVENUE  
GARY, INDIANA

Project Number: 07-05-024 Date: 9/14/07  
Drawn By: CWH Scale: 1"=1000'  
Checked By: NRV Sheet: 1



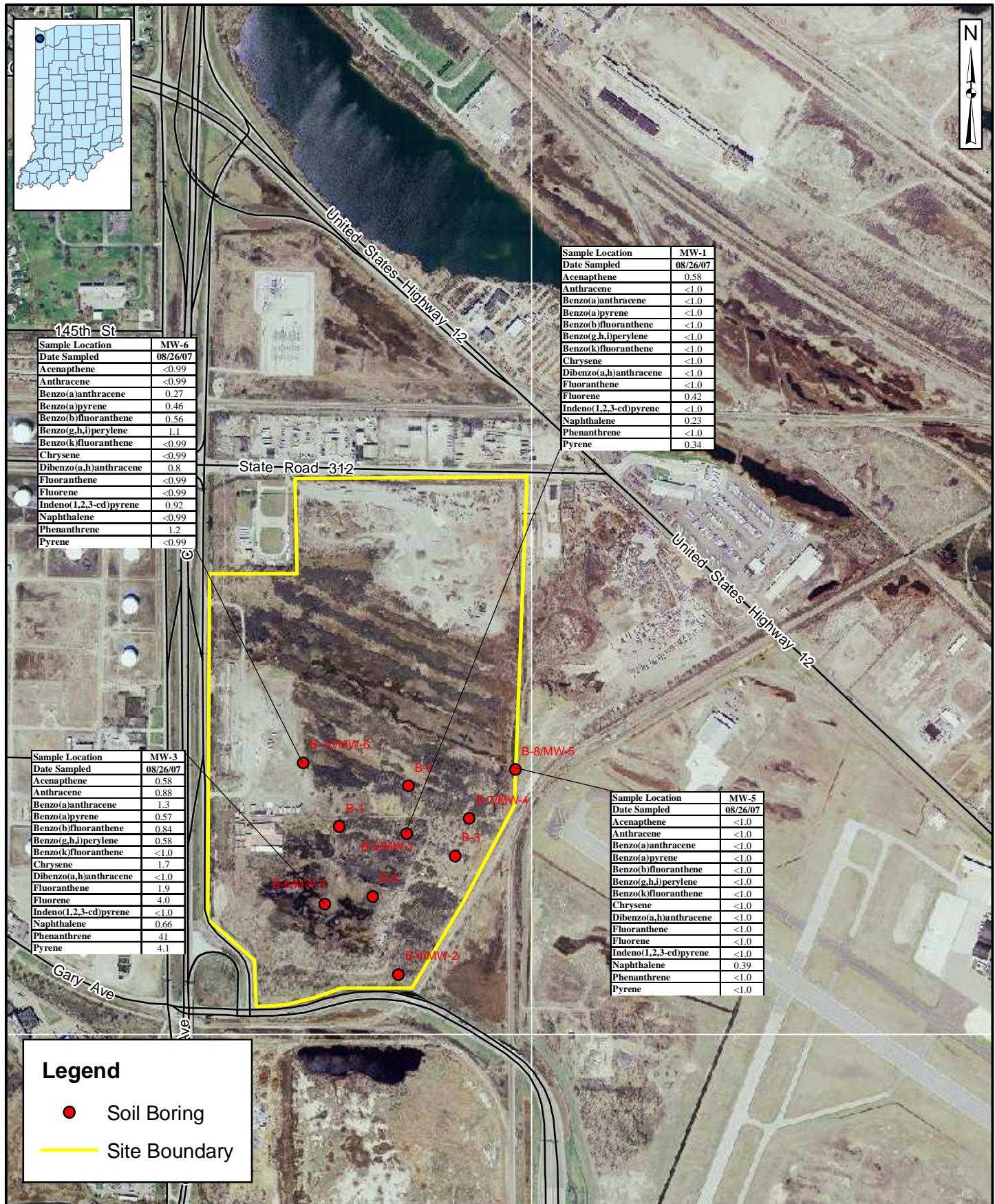
Base Map: 2005 Statewide Natural Color Aerial Photo



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**FIGURE 6A**  
**VOCs IN WATER**  
**NBD BANK TRUST PROPERTY**  
**6001 WEST INDUSTRIAL HIGHWAY**  
**GARY, INDIANA**

Project Number: 07-05-024 Date: 9/14/07  
Drawn By: CWH Scale: 1"=1000'  
Checked By: NRV Sheet: 1



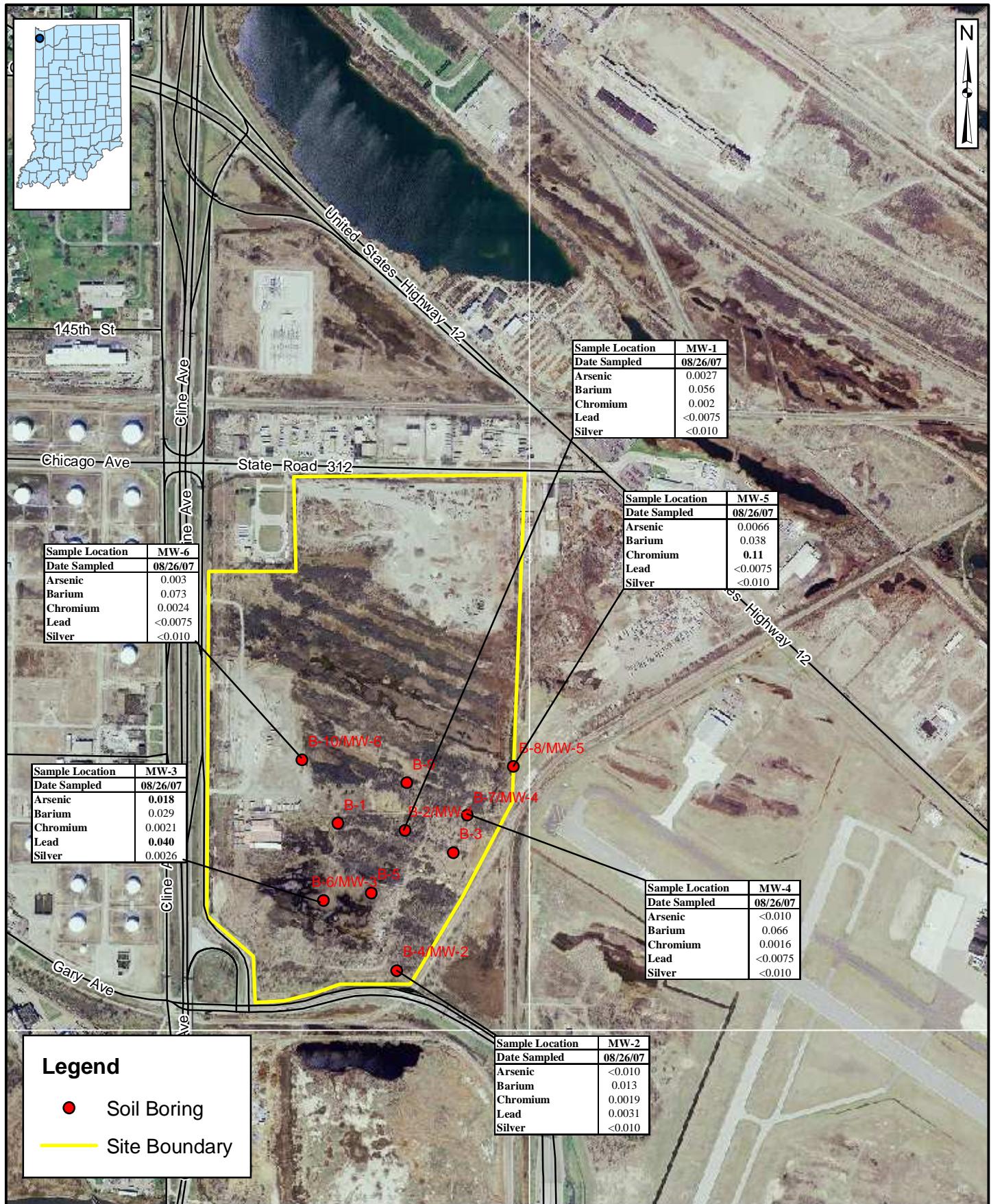
Base Map: 2005 Statewide Natural Color Aerial Photo



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FIGURE 6B  
cPAHs IN WATER  
NBD BANK TRUST PROPERTY  
EAST OF CLINE AVENUE  
GARY, INDIANA

Project Number: 07-05-024 Date: 9/14/07  
Drawn By: CWH Scale: 1"=1000'  
Checked By: NRV Sheet: 1



Base Map: 2005 Statewide Natural Color Aerial Photo



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FIGURE 6C  
METALS IN WATER  
NBD BANK TRUST PROPERTY  
EAST OF CLINE AVENUE  
GARY, INDIANA

Project Number: 07-05-024 Date: 9/14/07  
Drawn By: CWH Scale: 1"=1000'  
Checked By: NRV Sheet: 1

# Tables

**Table 1**  
**TPH and VOCs in Soil**  
**NBD Trust/Zaleski Property**  
**East of Cline Avenue between Gary and Chicago Avenue**  
**Gary, Indiana**

Sample Location	Date Sampled	Sample Depth (feet)	Benzene	Carbon Disulfide	Carbon Tetrachloride	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Ethylbenzene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride	Xylenes	TPH-GRO	TPH-EAO	
RISC Default Residential closure levels		34	10,000	66	5,600	24	58	13,000	400	680	23	58	12,000	1,900	57	13	210,000	25	80		
RISC Default Industrial closure levels		350	82,000	290	58,000	150	42,000	200,000	5,800	14,000	1,800	640	96,000	280,000	350	27	430,000	330	1,000		
B-1	08/07/07	0'-2'	1.9	<11	<5.5	<5.5	<5.5	<5.5	2.3	<5.5	<5.5	<22	<5.5	4.3	<5.5	<5.5	<11	18.8	380	6,800	
B-2	08/07/07	0'-2'	<5.7	<11	<5.7	<5.7	<5.7	<5.7	8.6	<5.7	<5.7	<23	<5.7	6.0	<5.7	<5.7	<11	30	720	4,400	
		2'-4'	<7.6	19	<7.6	<7.6	<7.6	<7.6	13	<7.6	<7.6	<30	<7.6	9.6	<7.6	<7.6	<15	65	2,000	28,000	
B-3	08/07/07	0'-2'	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<22	<5.6	<5.6	<5.6	<5.6	<11	3.7	<560	<9.6	
		2'-4'	<6.3	<13	<6.3	<6.3	<6.3	<6.3	1	<6.3	<6.3	<25	<6.3	<6.3	<6.3	<6.3	<13	2.4	<630	<9.9	
B-4	08/08/07	0'-2'	<5.3	<11	<5.3	<5.3	<5.3	<5.3	2.1	<5.3	<5.3	<21	<5.3	<5.3	<5.3	<5.3	<11	14.1	<530	27	
		2'-4'	<6.2	<12	<6.2	<6.2	<6.2	<6.2	1.3	<6.2	<6.2	<25	<6.2	<6.2	<6.2	<6.2	<12	3.9	<620	<9.9	
B-5	08/08/07	0'-2'	21	<110	<57	<57	<57	<57	55	<57	<57	<230	<57	180	<57	<57	<110	630	26,000	69,000	
		2'-4'	<67	<130	<67	<67	<67	<67	81	<67	<67	<270	<67	12	<67	<67	<130	340	27,000	9,900	
B-6	08/08/07	0'-2'	48	<160	<79	<79	<79	<79	220	<79	<79	<79	<79	90	<79	<79	<160	1,000	160,000	14,000	
		2'-4'	60	<120	<60	<60	<60	<60	<60	<60	<60	<240	<60	46	<60	<60	<120	720	250,000	11,000	
B-7	08/08/07	0'-2'	<5.8	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<23	<5.8	<5.8	<5.8	<5.8	<12	2.7	<580	<9.7	
		2'-4'	<8.1	<16	<8.1	<8.1	<8.1	<8.1	1.9	<8.1	<8.1	<32	<8.1	<8.1	<8.1	<8.1	<16	9.2	460	<9.5	
B-8	08/09/07	0'-2'	<5.9	2.4	<5.9	<5.9	<5.9	<5.9	2.7	<5.9	<5.9	33	<5.9	1.3	<5.9	3.6	<12	8.5	300	<12	
		2'-4'	1.3	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	20	<5.2	<5.2	<5.2	<5.2	<1100	430	410,000	<9.8	
		8'-10'	<530	<1100	<530	<530	<530	<530	290	86	<530	930	<530	<530	<530	<530	<1100	17			
B-9	08/09/07	0'-2'	<6.5	<13	<6.5	<6.5	<6.5	<6.5	1.3	<6.5	<6.5	38	<6.5	<6.5	<6.5	<6.5	<13	3.1	<650	<12	
B-10	08/09/07	0'-2'	<5.3	<11	<5.3	<5.3	<5.3	<5.3	<5.3	2.5	<5.3	<5.3	23	<5.3	<5.3	<5.3	<5.3	<11	8.1	<530	

Notes: Values presented in parts per billion (ppb) or ug/kg

Constituents not listed were below the laboratory detection limit

Default Closure levels based on RISC Technical Users Guide, Updated 01/31/06. Amended August 2006.

Analytical: Samples analyzed at MicroBac Laboratories, Inc. using US EPA SW-846 Method 8260 and 8015

**Bold cell** denotes value exceeds RISC Default Residential closure level

**Shaded cell** denotes value exceeds RISC Default Industrial closure level

**Table 2**  
**cPAHs in Soil**  
**NBD Trust/Zaleski Property**  
**East of Cline Avenue between Gary and Chicago Avenue**  
**Gary, Indiana**

Sample Location	Date Sampled	Sample Depth (feet)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
RISC Default Residential Closure Levels		9,500,000	1,100,000	2,000,000	5,000	500	5,000	16,000	50,000	500,000	500	2,000,000	6,300,000	5,000	700	13,000	2,000,000	
RISC Default Industrial Closure Levels		24,000,000	2,800,000	37,000,000	15,000	1,500	15,000	16,000	150,000	1,500,000	1,500	2,000,000	16,000,000	15,000	170,000	170,000	2,000,000	
B-1	08/07/07	0'-2'	85	21	280	3,300	<b>4,400</b>	2,800	5,500	950	6,800	<b>3,600</b>	350	100	1,600	400	1,200	3,100
B-2	08/07/07	0'-2'	88	<580	260	3,100	<b>3,000</b>	4,000	4,200	840	6,000	<b>1,100</b>	670	210	670	390	3,500	9,200
		2'-4'	3,100	370	1,200	<b>9,600</b>	<b>6,100</b>	<b>8,200</b>	3,200	2,500	34,000	<b>1,700</b>	3,600	5,600	930	170	16,000	28,000
B-3	08/07/07	0'-2'	<56	<56	10	120	290	150	270	34	320	79	69	7.9	77	13	270	300
		2'-4'	<63	<63	<63	<63	25	18	21	<63	<63	<63	<63	<63	<63	<63	22	44
B-4	08/08/07	0'-2	6.4	<53	29	240	190	220	330	51	600	70	150	24	93	58	840	630
		2'-4'	<62	<62	<62	<62	<62	<62	9.5	<62	30	<62	<62	<62	<62	<62	<62	20
B-5	08/08/07	0'-2'	8,800	1,600	5,000	<b>40,000</b>	<b>25,000</b>	<b>30,000</b>	<b>16,000</b>	7,900	130,000	<b>8,500</b>	15,000	16,000	4,400	<b>4,100</b>	<b>92,000</b>	110,000
		2'-4'	3,900	630	1,300	<b>14,000</b>	<b>8,800</b>	<b>9,500</b>	5,300	2,100	44,000	<b>3,100</b>	4,500	6,700	1,700	440	<b>36,000</b>	34,000
B-6	08/08/07	0'-2'	3,700	620	8,100	<b>64,000</b>	<b>23,000</b>	<b>25,000</b>	14,000	6,900	180,000	<b>9,800</b>	39,000	16,000	<b>5,700</b>	<b>2,900</b>	<b>200,000</b>	150,000
		2'-4'	4,000	430	10,000	<b>52,000</b>	<b>16,000</b>	<b>16,000</b>	7,600	4,600	87,000	<b>4,000</b>	44,000	36,000	3,400	450	<b>740,000</b>	130,000
B-7	08/08/07	0'-2'	<58	<58	34	330	490	310	450	67	530	330	72	8.1	180	24	300	320
		2'-4'	<81	<81	110	59	27	35	42	<81	97	<81	35	12	13	9.1	120	130
B-8	08/09/07	0'-2'	-	-	-	<59	<59	<59	-	<59	8.2	<59	-	-	<59	<59	-	-
		2'-4'	-	-	-	<52	<52	<52	-	<52	7.6	<52	-	-	<52	<52	-	-
		8'-10'	-	-	-	150	<b>&lt;640</b>	<640	-	<640	160	<b>&lt;640</b>	-	-	<640	270	-	-
B-9	08/09/07	0'-2'	-	-	-	12	<65	<65	-	<65	12	<65	-	-	<65	<65	-	-
B-10	08/09/07	0'-2'	-	-	-	140	190	100	-	54	180	26	-	-	66	11	-	-

Notes: Values presented in parts per billion (ppb) or ug/kg  
Default Closure levels based on RISC Technical Users Guide, Updated 01/31/06. Amended August 2006.  
Analytical: Samples analyzed at MicroBac Laboratories, Inc. using US EPA SW-846 Method 8270SIM  
-: Not analyzed  
**Bold cell** denotes value exceeds RISC Default Residential closure level  
**Shaded cell** denotes value exceeds RISC Default Industrial closure level

**Table 3**  
**PCBs in Soil**  
**NBD Trust/Zaleski Property**  
**East of Cline Avenue between Gary and Chicago Avenue**  
**Gary, Indiana**

Sample Location	Date Sampled	Sample Depth (feet)	PCB-1016 (Aroclor 1016)	PCB-1221 (Aroclor 1221)	PCB-1232 (Aroclor 1232)	PCB-1242 (Aroclor 1242)	PCB-1248 (Aroclor 1248)	PCB-1254 (Aroclor 1254)	PCB-1260 (Aroclor 1260)	PCB-1262 (Aroclor 1262)	PCB-1268 (Aroclor 1268)
RISC Default Residential closure levels		1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
RISC Default Industrial closure levels		5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300
B-1	08/07/07	0'-2'	<37	<37	<37	<37	<37	180	<37	<37	<37
B-2	08/07/07	0'-2'	<38	<38	<38	<38	<38	100	<38	<38	<38
		2'-4'	<500	<500	<500	<500	<500	<500	<500	<500	<500
B-3	08/07/07	0'-2'	<37	<37	<37	<37	<37	<37	<37	<37	<37
		2'-4'	<42	<42	<42	<42	<42	<42	<42	<42	<42
B-4	08/08/07	0'-2	<35	<35	<35	<35	<35	<35	<35	<35	<35
		2'-4'	<41	<41	<41	<41	<41	<41	<41	<41	<41
B-5	08/08/07	0'-2'	<38	<38	<38	<38	<38	190	<38	<38	<38
		2'-4'	<44	<44	<44	<44	<44	180	<44	<44	<44
B-6	08/08/07	0'-2'	<52	<52	<52	<52	<52	410	<52	<52	<52
		2'-4'	<39	<39	<39	<39	<39	78	<39	<39	<39
B-7	08/08/07	0'-2'	<38	<38	<38	<38	<38	<38	<38	<38	<38
		2'-4'	<53	<53	<53	<53	<53	<53	<53	<53	<53
B-8	08/09/07	0'-2'	<39	<39	<39	<39	<39	<39	<39	<39	<39
		2'-4'	<34	<34	<34	<34	<34	<34	<34	<34	<34
		8'-10'	<210	<210	<210	<210	<210	<210	<210	<210	<210
B-9	08/09/07	0'-2'	<43	<43	<43	<43	<43	<43	<43	<43	<43
B-10	08/09/07	0'-2'	<35	<35	<35	<35	<35	<35	<35	<35	<35
Default Closure levels based on RISC Technical Users Guide, Updated 01/31/06. Ammended Aug-06.											
Notes: Values presented in parts per billion (ppb) or ug/kg											
Analytical: Samples analyzed at MicroBac Laboratories, Inc. using US EPA SW-846 Method 8082											
Bold cell denotes value exceeds RISC Default Residential closure level											
Shaded cell denotes value exceeds RISC Default Industrial closure level											

**Table 4**  
**Metals in Soil**  
**NBD Trust/Zaleski Property**  
**East of Cline Avenue between Gary and Chicago Avenue**  
**Gary, Indiana**

Sample Location	Date Sampled	Sample Depth (feet)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
RISC Default Residential closure levels		3.9	1,600	7.5	10,000	81	2	5	31	
RISC Default Industrial closure levels		5.8	10,000	77	10,000	230	32	53	87	
B-1	08/07/07	0'-2'	3.0	22	0.16	9.7	1,700	0.27	<1.6	<0.54
B-2	08/07/07	0'-2'	2.8	40	0.35	7.1	65	0.85	<1.4	<0.48
		2'-4'	5.2	12	<0.14	3.8	9.9	0.052	<2.0	<0.68
B-3	08/07/07	0'-2'	2.1	20	0.15	3.8	44	0.04	<1.5	<0.50
		2'-4'	2.7	8.7	<0.12	3.3	9.9	0.01	<1.9	<0.62
B-4	08/08/07	0'-2'	2.2	9.9	0.062	3.7	17	0.64	<1.5	<0.54
		2'-4'	2.1	4.5	<0.12	2.6	2.2	0.0035	<1.7	<0.58
B-5	08/08/07	0'-2'	5.1	48	0.65	3.8	130	0.062	<1.5	<0.51
		2'-4'	4.3	20	<0.13	3.7	52	0.014	<2.0	<0.67
B-6	08/08/07	0'-2'	5.9	52	0.89	6.2	190	0.29	<2.4	<0.79
		2'-4'	1.6	4.8	<0.11	2.8	3.9	0.0038	<1.7	<0.58
B-7	08/08/07	0'-2'	2.0	15	0.017	4.5	17	0.070	<1.7	<0.56
		2'-4'	9.5	18	0.13	3.5	18	0.016	<2.2	<0.72
B-8	08/09/07	0'-2'	8.5	100	1.2	410	60	0.10	<1.8	<0.59
		2'-4'	0.98	6.9	<0.10	2.3	4.0	0.0031	<1.5	<0.52
		8'-10'	2.3	12	<0.20	410	5.9	0.041	<3.0	<0.99
B-9	08/09/07	0'-2'	0.83	4.8	<0.12	2.3	6.4	0.0016	1	<0.61
B-10	08/09/07	0'-2'	1.3	560	0.19	11	22	<0.043	9.2	<0.52
Default Closure levels based on RISC Technical Users Guide, Updated 01/31/06. Amended August 2006. Notes: Values presented in parts per million (ppm) or mg/kg Analytical: Samples analyzed at MicroBac Laboratories, Inc. using US EPA SW-846 Method 6010B/7471A <b>Bold cell</b> denotes value exceeds RISC Default Residential closure level <b>Shaded cell</b> denotes value exceeds RISC Default Industrial closure level										

**Table 5**  
**VOCs in Groundwater**  
**NBD Trust/Zaleski Property**  
**East of Cline Avenue between Gary and Chicago Avenue**  
**Gary, Indiana**

Sample Location	Date Sampled	Carbon Tetrachloride	1,1-Dichloroethane	Benzene	- Chloromethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene Chloride	Ethylbenzene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	Xylenes	Vinyl Chloride	TPH-ERO
RISC Default Residential closure levels	5	990	5			5	7	70	100	5	700.0	5	1,000	200	5	10,000	2	100
RISC Default Industrial closure levels	22	10,000	52	-	31	5,100	1,000	2,000	380	10,000	55	8,200	29,000	31.0	20,000	4	1,100	
<b>MW-1</b>	<b>08/26/07</b>	<5.0	<5.0	0.93	1.8	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	1.1	<5.0	<5.0	0.92	<10	<b>6,600</b>
<b>MW-2</b>	<b>08/26/07</b>	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<b>250</b>
<b>MW-3</b>	<b>08/26/07</b>	<5.0	<5.0	2	1.5	<5.0	<5.0	<5.0	<5.0	<10	1.9	<5.0	1.2	<5.0	<5.0	4.2	<10	<b>4,700</b>
<b>MW-4</b>	<b>08/26/07</b>	<5.0	<5.0	<5.0	1.2	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<100	
<b>MW-5</b>	<b>08/26/07</b>	<5.0	<5.0	<b>6.1</b>	2.8	4.4	<b>80</b>	<b>310</b>	3.1	<10	2.9	<5.0	<5.0	1.3	<b>10</b>	2.3	2	<b>6,600</b>
<b>MW-6</b>	<b>08/26/07</b>	<5.0	<5.0	<5.0	1.6	<5.0	<5.0	0.87	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<b>200</b>

Notes: Values presented in parts per billion (ppb) or ug/l

Default Closure levels based on RISC Technical Users Guide, Updated 01/31/06. Amended August 2006.

Analytical: Samples analyzed at MicroBac Laboratories, Inc. using US EPA SW-846 Method 8260 and 8015

**Bold cell** denotes value exceeds RISC Default Residential closure level

**Shaded cell** denotes value exceeds RISC Default Industrial closure level

**Table 6**  
**cPAHs in Water**  
**NBD Trust/Zaleski Property**  
**East of Cline Avenue between Gary and Chicago Avenue**  
**Gary, Indiana**

Sample Location	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
RISC Default Residential Closure Levels	460	71	2,000,000	5,000	500	5,000	16,000	50,000	500,000	500	2,000,000	310	5,000	700	13,000	2,000,000	
RISC Default Industrial Closure Levels	4,200	730	37,000,000	15,000	1,500	15,000	16,000	150,000	1,500,000	1,500	2,000,000	2,000	15,000	170,000	170,000	2,000,000	
MW-1	08/26/07	0.58	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.42	<1.0	0.23	<1.0	0.34	
MW-2	08/26/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-3	08/26/07	0.58	<1.0	0.88	1.3	0.57	0.84	0.58	<1.0	1.7	<1.0	1.9	4.0	<1.0	0.66	41	4.1
MW-4	08/26/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-5	08/26/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.39	<1.0	<1.0
MW-6	08/26/07	<0.99	<0.99	<0.99	0.27	0.46	0.56	1.1	<0.99	<0.99	0.8	<0.99	<0.99	0.92	1.2	<0.99	<0.99

Notes: Values presented in parts per billion (ppb) or ug/l

Default Closure levels based on RISC Technical Users Guide, Updated 01/31/06. Amended August 2006.

Analytical: Samples analyzed at MicroBac Laboratories, Inc. using US EPA SW-846 Method 8270

**Bold cell** denotes value exceeds RISC Default Residential closure level

**Shaded cell** denotes value exceeds RISC Default Industrial closure level

**Table 7**  
**Metals in Groundwater**  
**NBD Trust/Zaleski Property**  
**East of Cline Avenue between Gary and Chicago Avenue**  
**Gary, Indiana**

Sample Location	Date Sampled	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
RISC Default Residential closure levels		<b>0.01</b>	2	<b>0.005</b>	<b>0.1</b>	<b>0.015</b>	<b>0.002</b>	<b>0.05</b>	<b>0.18</b>
RISC Default Industrial closure levels		<b>0.01</b>	<b>20</b>	<b>0.051</b>	<b>150</b>	<b>0.042</b>	<b>0.031</b>	<b>0.51</b>	<b>0.51</b>
MW-1	<b>08/26/07</b>	0.0027	0.056	<0.002	0.002	<0.0075	<0.0002	<0.030	<0.010
MW-2	<b>08/26/07</b>	<0.010	0.013	<0.002	0.0019	0.0031	<0.0002	<0.030	<0.010
MW-3	<b>08/26/07</b>	<b>0.018</b>	0.029	<0.002	0.0021	<b>0.040</b>	<0.0002	<0.030	0.0026
MW-4	<b>08/26/07</b>	<0.010	0.066	<0.002	0.0016	<0.0075	<0.0002	<0.030	<0.010
MW-5	<b>08/26/07</b>	0.0066	0.038	<0.002	<b>0.11</b>	<0.0075	<0.0002	<0.030	<0.010
MW-6	<b>08/26/07</b>	0.003	0.073	<0.002	0.0024	<0.0075	<0.0002	<0.030	<0.010

Notes: Values presented in parts per million (ppm) or mg/l

Default Closure levels based on RISC Technical Users Guide, Updated 01/31/06. Amended August 2006.

Analytical: Samples analyzed at MicroBac Laboratories, Inc. using US EPA SW-846 Method 6010B/7471A

**Bold Cell** denotes value exceeds RISC Default Residential closure level

**Shaded Cell** denotes value exceeds RISC Default Industrial closure level

# Appendix A



QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.

1611 South Franklin Road  
Indianapolis, Indiana

LOG OF: B-1  
(1 of 1)

Project Number: 07-05-024

Client:	GARY AIRPORT		Drilling Method:	HSA	
Project:	NBD BANK TRUST PROPERTY		Sampling Method:	CONTINUOUS	
Location:	EAST OF CLINE AVENUE		Weather:	90°F, sunny	
Logged By:	JHA		Time Terminated:	10:23	
Drilling Company:	D & T Drilling	Drillers:	Mack & John	Completion Date:	August 7, 2007
Depth (feet)	SOIL DESCRIPTION			Sample	REMARKS
0	Topsoil				
1	7.5YR 3/2 dark brown, CLAY, medium grained, some silt (Fill)			1	Sample at 0-2' submitted for laboratory analysis
2	10YR 7/6 yellow, SAND, fine grained, trace silt			2	
3				3	
4	10YR 4/1 dark gray, SAND, fine grained, trace silt, wet from 4-6'			4	
5				5	
6	moist from 6-8'			6	
7				7	
8	wet from 8-10'			8	
9				9	
10	Bottom of Boring at 10 ft			10	



QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.

1611 South Franklin Road  
Indianapolis, Indiana

LOG OF: **B-2/MW-1**  
(1 of 1)

Project Number: **07-05-024**

Client: <b>GARY AIRPORT</b>		Drilling Method: <b>HSA</b>				
Project: <b>NBD BANK TRUST PROPERTY</b>		Sampling Method: <b>CONTINUOUS</b>				
Location: <b>EAST OF CLINE AVENUE</b>		Elevation: <b>99.77'</b>				
Logged By: <b>JHA</b>		Time Terminated: <b>12:30</b>			Weather: <b>90°F, sunny</b>	
Drilling Company: <b>D &amp; T Drilling</b>		Drillers: <b>Mack &amp; John</b>			Completion Date: <b>August 7, 2007</b>	
Depth (feet)	SOIL DESCRIPTION	Sample	REMARKS	PID (ppm)	Depth (feet)	WELL DIAGRAM
3.5	Topsoil	1	Sample at 0-2' submitted for laboratory analysis	2.2	2	Surface Casing
7.5	7.5YR 3/2 dark brown, SANDY CLAY, medium grained, some silt (Fill)	2	Sample at 2-4' submitted for laboratory analysis	6.8	4	Bentonite Seal
10	10YR 5/1 gray, SAND, fine grained, trace silt	3		0	6	
12	10YR 4/1 dark gray, SAND, fine grained, trace silt moist from 6-8'	4		0	8	Sand Pack
14		5		0	10	2" PVC Sch. 40 0.010" slot
16	Boring terminated at 13 ft				12	



QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.

1611 South Franklin Road  
Indianapolis, Indiana

LOG OF: **B-3**  
**(1 of 1)**

Project Number: **07-05-024**

Client:	<b>GARY AIRPORT</b>		Drilling Method:	<b>HSA</b>	
Project:	<b>NBD BANK TRUST PROPERTY</b>		Sampling Method:	<b>CONTINUOUS</b>	
Location:	<b>EAST OF CLINE AVENUE</b>		Weather:	<b>90°F, sunny</b>	
Logged By:	<b>JHA</b>		Time Terminated:	<b>14:02</b>	
Drilling Company:	<b>D &amp; T Drilling</b>	Drillers:	<b>Mack &amp; John</b>	Completion Date:	<b>August 7, 2007</b>
Depth (feet)	SOIL DESCRIPTION			Sample	REMARKS
0	Topsoil			1	Sample at 0-2' submitted for laboratory analysis
1	7.5YR 3/2 dark brown, SAND, medium grained, some silt (Fill)			1	2.9 1
2	10YR 7/6 yellow, SAND, fine grained, trace silt			2	2 2
3	wet at 3.5'			2	2.2 3
4	10YR 4/1 dark gray, SAND, fine grained, trace silt			3	2.2 4
5				3	2.2 5
6				4	6
7				4	0 7
8				5	0 8
9				5	0 9
10	Bottom of Boring at 10 ft				10



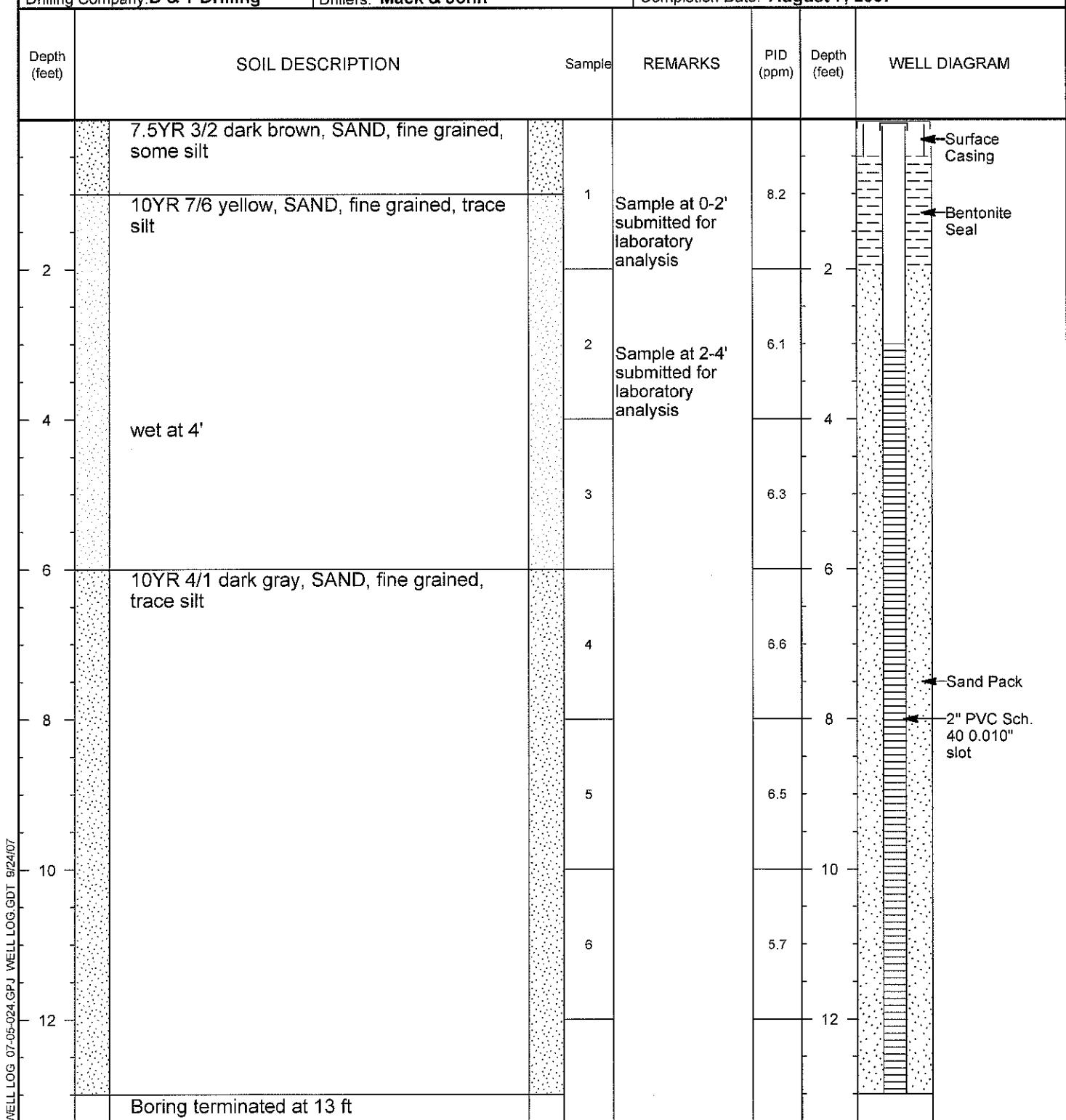
QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.

1611 South Franklin Road  
Indianapolis, Indiana

LOG OF: **B-4/MW-2**  
(1 of 1)

Project Number: **07-05-024**

Client:	GARY AIRPORT	Drilling Method:	HSA
Project:	NBD BANK TRUST PROPERTY	Sampling Method:	CONTINUOUS
Location:	EAST OF CLINE AVENUE		Elevation: 100.74'
Logged By:	JHA	Time Terminated:	8:12 Weather: 90°F, sunny
Drilling Company:	D & T Drilling	Drillers:	Mack & John
Completion Date: <b>August 7, 2007</b>			





QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.

1611 South Franklin Road  
Indianapolis, Indiana

LOG OF: **B-5**  
(1 of 1)

Project Number: **07-05-024**

Client:	<b>GARY AIRPORT</b>		Drilling Method:	<b>HSA</b>	
Project:	<b>NBD BANK TRUST PROPERTY</b>		Sampling Method:	<b>CONTINUOUS</b>	
Location:	<b>EAST OF CLINE AVENUE</b>		Weather:	<b>90°F, sunny</b>	
Logged By:	<b>JHA</b>		Time Terminated:	<b>11:08</b>	
Drilling Company:	<b>D &amp; T Drilling</b>	Drillers:	<b>Mack &amp; John</b>	Completion Date:	<b>August 7, 2007</b>

Depth (feet)	SOIL DESCRIPTION	Sample	REMARKS	PID (ppm)	Depth (feet)
1	GLEY 1 2.5/N black, SAND, fine grained, with some silt	1	Sample at 0-2' submitted for laboratory analysis	26.9	1
2	10YR 5/4 yellowish brown, SAND, fine grained, trace silt	2			2
3	black from 3.5-4'	2	Sample at 2-4' submitted for laboratory analysis	22.9	3
4		3			4
5	10YR 4/1 dark gray, SAND, fine grained, trace silt	3		0	5
6		4			6
7		4		0	7
8		5			8
9				0	9
10	Bottom of Boring at 10 ft				10



QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.

1611 South Franklin Road  
Indianapolis, Indiana

LOG OF: **B-6/MW-3**

(1 of 1)

Project Number: **07-05-024**

Client: <b>GARY AIRPORT</b>		Drilling Method: <b>HSA</b>				
Project: <b>NBD BANK TRUST PROPERTY</b>		Sampling Method: <b>CONTINUOUS</b>				
Location: <b>EAST OF CLINE AVENUE</b>		Elevation: <b>99.82'</b>				
Logged By: <b>JHA</b>		Time Terminated: <b>11:35</b>	Weather: <b>90°F, sunny</b>			
Drilling Company: <b>D &amp; T Drilling</b>		Completion Date: <b>August 7, 2007</b>				
Depth (feet)	SOIL DESCRIPTION	Sample	REMARKS	PID (ppm)		
	GLEY 1 2.5/N black, SAND, fine grained, with some silt and trace clay					
2	10YR 4/1 dark gray, SAND, fine grained, with trace silt	1	Sample at 0-2' submitted for laboratory analysis	186.6		
4		2	Sample at 2-4' submitted for laboratory analysis	141.4		
6		3		25.6		
8		4		5.2		
10		5		0		
12		6		0		
Boring terminated at 13 ft						
WELL LOG 07-05-024.GPL WELL LOG GDT 9/24/07						
 The well diagram illustrates the borehole sections and casing placement. It shows a vertical borehole with various soil layers labeled on the left. On the right, a series of horizontal lines represent different sections or casing strings. Labels indicate specific features: 'Surface Casing' at the top, followed by 'Bentonite Seal', 'Sand Pack', and '2" PVC Sch. 40 0.010" slot' further down. Depth markings are present along the right side of the diagram.						



QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.

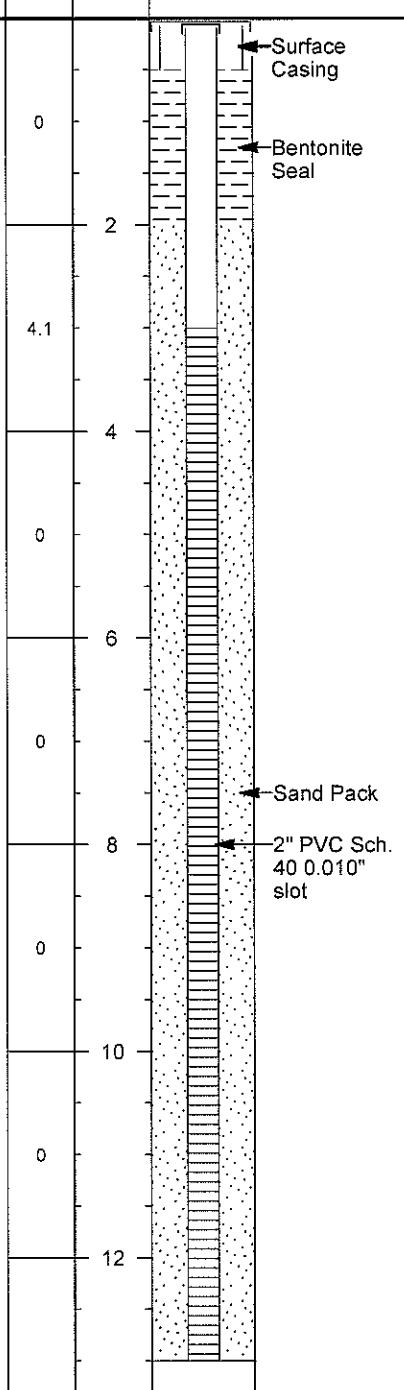
1611 South Franklin Road  
Indianapolis, Indiana

LOG OF: **B-7/MW-4**  
(1 of 1)

Project Number: **07-05-024**

Client: <b>GARY AIRPORT</b>		Drilling Method: <b>HSA</b>	
Project: <b>NBD BANK TRUST PROPERTY</b>		Sampling Method: <b>CONTINUOUS</b>	
Location: <b>EAST OF CLINE AVENUE</b>		Elevation: <b>100.10'</b>	
Logged By: <b>JHA</b>		Time Terminated: <b>14:35</b>	Weather: <b>90°F, sunny</b>
Drilling Company: <b>D &amp; T Drilling</b>		Completion Date: <b>August 7, 2007</b>	
Depth (feet)	SOIL DESCRIPTION	Sample	REMARKS
0	Topsoil 10YR 5/4 yellowish brown, SAND, fine grained, with trace silt	1	Sample at 0-2' submitted for laboratory analysis
2		2	Sample at 2-4' submitted for laboratory analysis
4	wood/organic material, black from 3.5-4'	3	
6	10YR 4/1 dark gray, SAND, fine grained, with trace silt	4	
8		5	
10		6	
12			
	Boring terminated at 13 ft		

WELL LOG 07-05-024.GPJ WELL LOG GDT 9/24/07





QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.  
1611 South Franklin Road  
Indianapolis, Indiana

LOG OF: **B-8/MW-5**  
(1 of 1)

Project Number: **07-05-024**

Client: <b>GARY AIRPORT</b>		Drilling Method: <b>HSA</b>				
Project: <b>NBD BANK TRUST PROPERTY</b>		Sampling Method: <b>CONTINUOUS</b>				
Location: <b>EAST OF CLINE AVENUE</b>		Elevation: <b>109.94'</b>				
Logged By: <b>NV</b>		Time Terminated: <b>10:40</b> Weather: <b>90°F, sunny</b>				
Drilling Company: <b>D &amp; T Drilling</b>		Drillers: <b>Mack &amp; John</b>			Completion Date: <b>August 7, 2007</b>	
Depth (feet)	SOIL DESCRIPTION	Sample	REMARKS	PID (ppm)	Depth (feet)	WELL DIAGRAM
0	Loamy topsoil with organic material					
1	10YR 3/3 dark brown, CLAY LOAM, very firm	1	Sample at 0-2' submitted for laboratory analysis	0.9	2	Surface Casing
2	10YR 5/4 yellowish brown, SAND, very moist	2	Sample at 2-4' submitted for laboratory analysis	4.9	4	Bentonite Seal
4		3			1.7	
6	10YR 3/3 dark brown, SAND, wet Saturated at 5'	4			263.7	
8	10YR 3/1 very dark gray, SAND, fine grained, saturated	5	Sample at 8-10' submitted for laboratory analysis	368.9	8	
10	Very fine sand fill, railroad spur debris	6		155.2	10	Sand Pack
12		7			12	2" PVC Sch. 40 0.010" slot
14	10YR 3/1 very dark gray, SAND, wet				14	
	Boring terminated at 15 ft					



QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.

1611 South Franklin Road  
Indianapolis, Indiana

LOG OF: **B-9**  
(1 of 1)

Project Number: **07-05-024**

Client: <b>GARY AIRPORT</b>	Drilling Method: <b>HSA</b>
Project: <b>NBD BANK TRUST PROPERTY</b>	Sampling Method: <b>CONTINUOUS</b>
Location: <b>EAST OF CLINE AVENUE</b>	Weather: <b>90°F, sunny</b>
Logged By: <b>NV</b>	Time Terminated: <b>12:45</b>
Drilling Company: <b>D &amp; T Drilling</b>	Completion Date: <b>August 7, 2007</b>

Depth (feet)	SOIL DESCRIPTION	Sample	REMARKS	PID (ppm)	Depth (feet)
0	LOAMY SAND, with organics				
1	10YR 5/4 yellowish brown, SAND, fine grained	1	Sample at 0-2' submitted for laboratory analysis	-	1
2	saturated at 2'	2		-	2
3		3		-	3
4		4		-	4
5		5		-	5
6	10YR 5/3 brown, SAND, very fine to fine grained, saturated	6		-	6
7		7		-	7
8		8		-	8
9		9		-	9
10	Bottom of Boring at 10 ft	10		-	10



QUALITY ENVIRONMENTAL  
PROFESSIONALS, INC.

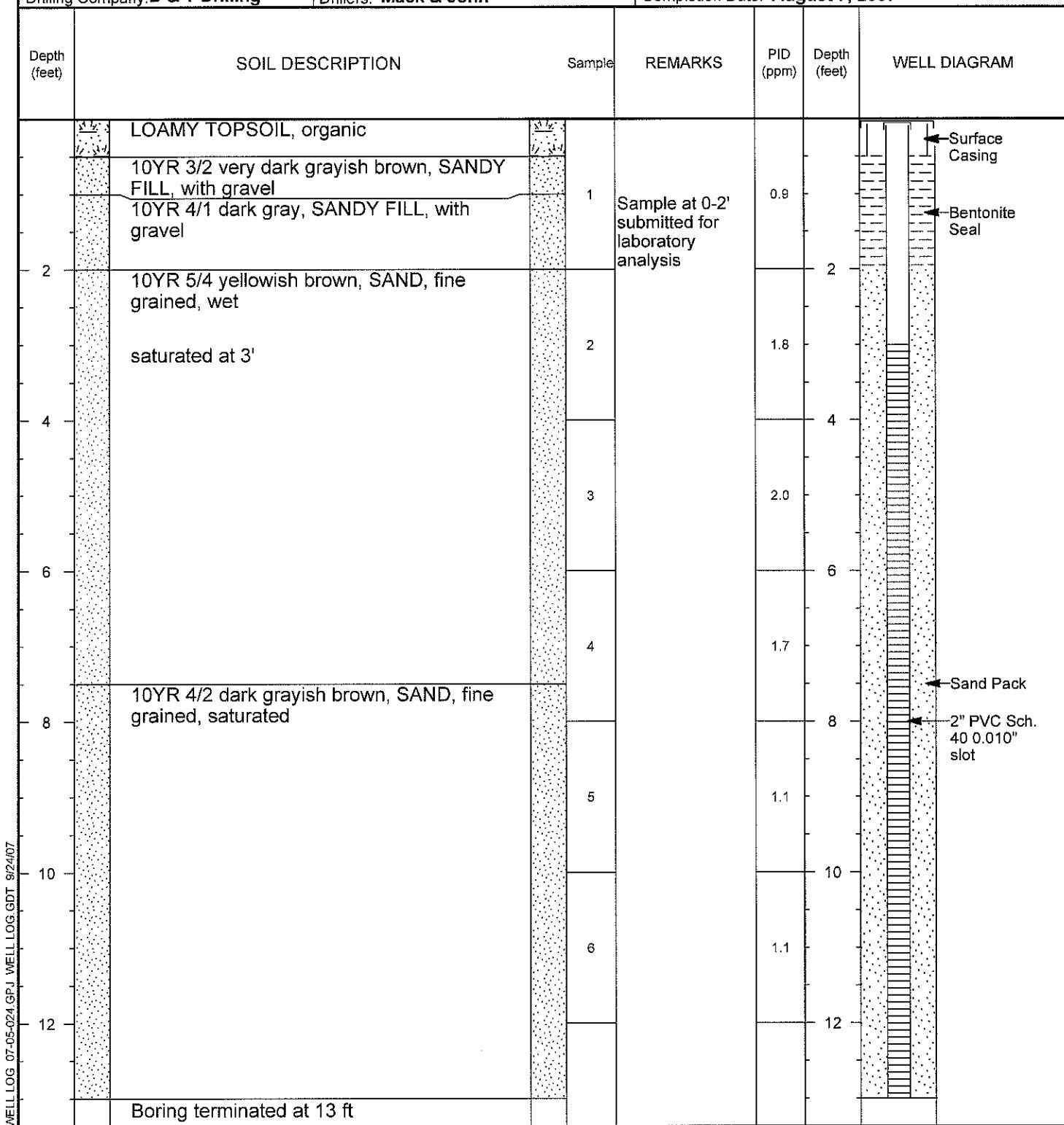
1611 South Franklin Road  
Indianapolis, Indiana

LOG OF: B-10/MW-6

(1 of 1)

Project Number: **07-05-024**

Client:	GARY AIRPORT	Drilling Method:	HSA
Project:	NBD BANK TRUST PROPERTY	Sampling Method:	CONTINUOUS
Location:	EAST OF CLINE AVENUE		
		Elevation:	100.00'
Logged By:	NV	Time Terminated:	13:00 Weather: 90°F, sunny
Drilling Company:	D & T Drilling	Drillers:	Mack & John
			Completion Date: <b>August 7, 2007</b>



# **Appendix B**



August 27, 2007

Nivas Vijay  
Quality Environmental Professionals, Inc.  
1611 S. Franklin Road  
Indianapolis, IN 46239

Work Order No.: ME0708349

RE: NBD - Gary Airport  
Dear Nivas Vijay:

Microbac Laboratories, Inc. received 14 samples on 8/8/2007 4:30:00 PM for the analyses presented in the following report.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

Sincerely,  
Microbac Laboratories, Inc.

A handwritten signature in black ink, appearing to read "Deborah Griffiths".

Deborah Griffiths  
Senior Project Manager

Enclosures



## WORK ORDER SAMPLE SUMMARY

Date: Monday, August 27, 2007

**CLIENT:** Quality Environmental Professionals, Inc.  
**Project:** NBD - Gary Airport  
**Lab Order:** ME0708349

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
ME0708349-01A	B-1	0-2'	8/7/2007 10:02:00 AM	8/8/2007
ME0708349-02A	B-2	0-2'	8/7/2007 12:03:00 PM	8/8/2007
ME0708349-03A	B-2	2-4'	8/7/2007 12:11:00 PM	8/8/2007
ME0708349-04A	B-3	0-2'	8/7/2007 2:42:00 PM	8/8/2007
ME0708349-05A	B-3	2-4'	8/7/2007 2:45:00 PM	8/8/2007
ME0708349-06A	B-4	0-2'	8/8/2007 8:02:00 AM	8/8/2007
ME0708349-07A	B-4	2-4'	8/8/2007 8:04:00 AM	8/8/2007
ME0708349-08A	B-5	0-2'	8/8/2007 10:46:00 AM	8/8/2007
ME0708349-09A	B-5	2-4'	8/8/2007 10:51:00 AM	8/8/2007
ME0708349-10A	B-6	0-2'	8/8/2007 11:10:00 AM	8/8/2007
ME0708349-11A	B-6	2-4'	8/8/2007 11:13:00 AM	8/8/2007
ME0708349-12A	B-7	0-2'	8/8/2007 2:12:00 PM	8/8/2007
ME0708349-13A	B-7	2-4'	8/8/2007 2:19:00 PM	8/8/2007
ME0708349-14A	DUP			8/8/2007



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-1
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-01  
 Collection Date: 08/07/07 10:02  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	ND	3.3	37		µg/Kg-dry	1	08/17/07 18:51
Aroclor 1221	A	ND	37	37		µg/Kg-dry	1	08/17/07 18:51
Aroclor 1232	A	ND	37	37		µg/Kg-dry	1	08/17/07 18:51
Aroclor 1242	A	ND	2.3	37		µg/Kg-dry	1	08/17/07 18:51
Aroclor 1248	A	ND	4.1	37		µg/Kg-dry	1	08/17/07 18:51
Aroclor 1254	A	180	3.7	37		µg/Kg-dry	1	08/17/07 18:51
Aroclor 1260	A	ND	3.7	37		µg/Kg-dry	1	08/17/07 18:51
Aroclor 1262	A	ND	37	37		µg/Kg-dry	1	08/17/07 18:51
Aroclor 1268	A	ND	37	37		µg/Kg-dry	1	08/17/07 18:51
Total PCB's	A	180	2.3	37		µg/Kg-dry	1	08/17/07 18:51
Surr: Tetrachloro-m-xylene	S	265	0	5-165	S	%REC	1	08/17/07 18:51
Surr: Decachlorobiphenyl	S	30.0	0	5-222		%REC	1	08/17/07 18:51

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/10/07 01:30 Analyst: ALS				
Extended Range Organics	A	6800	470	470		mg/Kg	50	08/12/07 02:33
Surr: Decafluorobiphenyl	S	0	0	50-150	SD	%REC	50	08/12/07 02:33

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	3.0	0.11	0.54		mg/Kg-dry	1	08/13/07 16:21
Barium	A	22	0.021	0.11		mg/Kg-dry	1	08/10/07 16:30
Cadmium	A	0.16	0.0065	0.11		mg/Kg-dry	1	08/10/07 16:30
Chromium	A	9.7	0.02	0.16		mg/Kg-dry	1	08/10/07 16:30
Lead	A	1700	0.064	0.41		mg/Kg-dry	1	08/10/07 16:30
Selenium	A	ND	0.081	1.6		mg/Kg-dry	1	08/10/07 16:30
Silver	A	ND	0.086	0.54		mg/Kg-dry	1	08/10/07 16:30

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	0.27	0.00081	0.037		mg/Kg-dry	1	08/10/07 13:06

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	85	12	110	J	µg/Kg-dry	2	08/14/07 19:30
Acenaphthylene	A	21	12	110	J	µg/Kg-dry	2	08/14/07 19:30
Anthracene	A	280	17	110		µg/Kg-dry	2	08/14/07 19:30
Benzo[a]anthracene	A	3300	15	110		µg/Kg-dry	2	08/14/07 19:30
Benzo[a]pyrene	A	4400	79	550		µg/Kg-dry	10	08/15/07 00:54
Benzo[b]fluoranthene	A	2800	24	110		µg/Kg-dry	2	08/14/07 19:30
Benzo[g,h,i]perylene	A	5500	79	550		µg/Kg-dry	10	08/15/07 00:54



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-1
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-01
	<i>Collection Date:</i> 08/07/07 10:02
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method:	SW8270C			Prep Date/Time:	08/14/07 14:44	Analyst: BEM
Benzo[k]fluoranthene	A	950	21	110		µg/Kg-dry	2	08/14/07 19:30
Chrysene	A	6800	69	550		µg/Kg-dry	10	08/15/07 00:54
Dibenz[a,h]anthracene	A	3600	16	110		µg/Kg-dry	2	08/14/07 19:30
Fluoranthene	A	350	21	110		µg/Kg-dry	2	08/14/07 19:30
Fluorene	A	100	13	110	J	µg/Kg-dry	2	08/14/07 19:30
Indeno[1,2,3cd]pyrene	A	1600	15	110		µg/Kg-dry	2	08/14/07 19:30
Naphthalene	A	400	12	110		µg/Kg-dry	2	08/14/07 19:30
Phenanthrene	A	1200	18	110		µg/Kg-dry	2	08/14/07 19:30
Pyrene	A	3100	68	550		µg/Kg-dry	10	08/15/07 00:54
Surr: Nitrobenzene-d5	S	43.2	0	14.2-125		%REC	2	08/14/07 19:30
Surr: 2-Fluorobiphenyl	S	41.0	0	21.6-112		%REC	2	08/14/07 19:30
Surr: Terphenyl-d14	S	82.9	0	10-139		%REC	2	08/14/07 19:30

VOLATILE ORGANICS		Method:	SW8260B			Prep Date/Time:		Analyst: NLT
Acetone	A	ND	11	55		µg/Kg-dry	1	08/15/07 16:59
Acrolein	A	ND	17	110		µg/Kg-dry	1	08/15/07 16:59
Acrylonitrile	A	ND	14	110		µg/Kg-dry	1	08/15/07 16:59
Benzene	A	1.9	1.3	5.5	J	µg/Kg-dry	1	08/15/07 16:59
Bromodichloromethane	A	ND	0.55	5.5		µg/Kg-dry	1	08/15/07 16:59
Bromoform	A	ND	0.78	5.5		µg/Kg-dry	1	08/15/07 16:59
Bromomethane	A	ND	4	11		µg/Kg-dry	1	08/15/07 16:59
2-Butanone	A	ND	4	11		µg/Kg-dry	1	08/15/07 16:59
Carbon Disulfide	A	ND	1.9	11		µg/Kg-dry	1	08/15/07 16:59
Carbon tetrachloride	A	ND	1.3	5.5		µg/Kg-dry	1	08/15/07 16:59
Chlorobenzene	A	ND	0.66	5.5		µg/Kg-dry	1	08/15/07 16:59
Chloroethane	A	ND	2.7	11		µg/Kg-dry	1	08/15/07 16:59
Chloroform	A	ND	0.66	5.5		µg/Kg-dry	1	08/15/07 16:59
Chloromethane	A	ND	1.7	11		µg/Kg-dry	1	08/15/07 16:59
Dibromochloromethane	A	ND	0.89	5.5		µg/Kg-dry	1	08/15/07 16:59
1,1-Dichloroethane	A	ND	0.78	5.5		µg/Kg-dry	1	08/15/07 16:59
1,2-Dichloroethane	A	ND	1.3	5.5		µg/Kg-dry	1	08/15/07 16:59
1,1-Dichloroethene	A	ND	1.3	5.5		µg/Kg-dry	1	08/15/07 16:59
cis-1,2-Dichloroethene	A	ND	0.89	5.5		µg/Kg-dry	1	08/15/07 16:59
trans-1,2-Dichloroethene	A	ND	1.1	5.5		µg/Kg-dry	1	08/15/07 16:59
1,2-Dichloropropane	A	ND	1.1	5.5		µg/Kg-dry	1	08/15/07 16:59
cis-1,3-Dichloropropene	A	ND	0.89	5.5		µg/Kg-dry	1	08/15/07 16:59
trans-1,3-Dichloropropene	A	ND	0.78	5.5		µg/Kg-dry	1	08/15/07 16:59
Ethylbenzene	A	2.3	0.78	5.5	J	µg/Kg-dry	1	08/15/07 16:59



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-1							
Sample Description:	0-2'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-01	
						Collection Date:	08/07/07 10:02	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: NLT		
2-Hexanone	A	ND	2.7	11		µg/Kg-dry	1	08/15/07 16:59
4-Methyl-2-Pentanone	A	ND	1.9	11		µg/Kg-dry	1	08/15/07 16:59
Methyl-t-Butyl Ether	A	ND	0.66	5.5		µg/Kg-dry	1	08/15/07 16:59
Methylene chloride	A	ND	9.6	22		µg/Kg-dry	1	08/15/07 16:59
Styrene	A	ND	0.89	5.5		µg/Kg-dry	1	08/15/07 16:59
1,1,1,2-Tetrachloroethane	A	ND	0.66	11		µg/Kg-dry	1	08/15/07 16:59
1,1,2,2-Tetrachloroethane	A	ND	1.6	5.5		µg/Kg-dry	1	08/15/07 16:59
Tetrachloroethene	A	ND	1.8	5.5		µg/Kg-dry	1	08/15/07 16:59
Toluene	A	4.3	0.78	5.5	J	µg/Kg-dry	1	08/15/07 16:59
1,1,1-Trichloroethane	A	ND	1.1	5.5		µg/Kg-dry	1	08/15/07 16:59
1,1,2-Trichloroethane	A	ND	0.89	5.5		µg/Kg-dry	1	08/15/07 16:59
Trichloroethene	A	ND	1	5.5		µg/Kg-dry	1	08/15/07 16:59
Trichlorofluoromethane	A	ND	3.8	11		µg/Kg-dry	1	08/15/07 16:59
Vinyl Acetate	A	ND	1.7	11		µg/Kg-dry	1	08/15/07 16:59
Vinyl chloride	A	ND	1.9	11		µg/Kg-dry	1	08/15/07 16:59
m,p-Xylene	A	8.8	1.8	5.5		µg/Kg-dry	1	08/15/07 16:59
o-Xylene	A	10	1	5.5		µg/Kg-dry	1	08/15/07 16:59
Total Xylenes	A	19	1	5.5		µg/Kg-dry	1	08/15/07 16:59
Surr: 4-Bromofluorobenzene	S	84.3	0	48.6-134		%REC	1	08/15/07 16:59
Surr: Dibromofluoromethane	S	99.0	0	70-136		%REC	1	08/15/07 16:59
Surr: 1,2-Dichloroethane-d4	S	107	0	68.6-148		%REC	1	08/15/07 16:59
Surr: Toluene-d8	S	115	0	59.4-155		%REC	1	08/15/07 16:59

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: NLT		
Gasoline Range Organics	A	380	280	550	J	µg/Kg-dry	1	08/15/07 16:59
Surr: 4-Bromofluorobenzene	S	84.3	0	48.6-134		%REC	1	08/15/07 16:59

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	9.7	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-2
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-02  
 Collection Date: 08/07/07 12:03  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	ND	3.4	38		µg/Kg-dry	1	08/17/07 19:23
Aroclor 1221	A	ND	38	38		µg/Kg-dry	1	08/17/07 19:23
Aroclor 1232	A	ND	38	38		µg/Kg-dry	1	08/17/07 19:23
Aroclor 1242	A	ND	2.4	38		µg/Kg-dry	1	08/17/07 19:23
Aroclor 1248	A	ND	4.3	38		µg/Kg-dry	1	08/17/07 19:23
Aroclor 1254	A	100	3.8	38		µg/Kg-dry	1	08/17/07 19:23
Aroclor 1260	A	ND	3.8	38		µg/Kg-dry	1	08/17/07 19:23
Aroclor 1262	A	ND	38	38		µg/Kg-dry	1	08/17/07 19:23
Aroclor 1268	A	ND	38	38		µg/Kg-dry	1	08/17/07 19:23
Total PCB's	A	100	2.4	38		µg/Kg-dry	1	08/17/07 19:23
Surr: Tetrachloro-m-xylene	S	355	0	5-165	S	%REC	1	08/17/07 19:23
Surr: Decachlorobiphenyl	S	40.0	0	5-222		%REC	1	08/17/07 19:23

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/10/07 01:30 Analyst: ALS				
Extended Range Organics	A	4400	490	490		mg/Kg	50	08/12/07 03:13
Surr: Decafluorobiphenyl	S	0	0	50-150	SD	%REC	50	08/12/07 03:13

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	2.8	0.096	0.48		mg/Kg-dry	1	08/13/07 16:43
Barium	A	40	0.018	0.097		mg/Kg-dry	1	08/10/07 16:58
Cadmium	A	0.35	0.0058	0.097		mg/Kg-dry	1	08/10/07 16:58
Chromium	A	7.1	0.017	0.14		mg/Kg-dry	1	08/10/07 16:58
Lead	A	65	0.057	0.36		mg/Kg-dry	1	08/10/07 16:58
Selenium	A	ND	0.072	1.4		mg/Kg-dry	1	08/10/07 16:58
Silver	A	ND	0.076	0.48		mg/Kg-dry	1	08/10/07 16:58

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	0.85	0.0074	0.34		mg/Kg-dry	10	08/10/07 13:42

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	88	64	580	J	µg/Kg-dry	10	08/15/07 01:19
Acenaphthylene	A	ND	62	580		µg/Kg-dry	10	08/15/07 01:19
Anthracene	A	260	90	580	J	µg/Kg-dry	10	08/15/07 01:19
Benzo[a]anthracene	A	3100	77	580		µg/Kg-dry	10	08/15/07 01:19
Benzo[a]pyrene	A	3000	82	580		µg/Kg-dry	10	08/15/07 01:19
Benzo[b]fluoranthene	A	4000	130	580		µg/Kg-dry	10	08/15/07 01:19
Benzo[g,h,i]perylene	A	4200	82	580		µg/Kg-dry	10	08/15/07 01:19



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-2							
Sample Description:	0-2'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-02	
						Collection Date:	08/07/07 12:03	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method: SW8270C			Prep Date/Time: 08/14/07 14:44		Analyst: BEM	
Benzo[k]fluoranthene	A	840	110	580		µg/Kg-dry	10	08/15/07 01:19
Chrysene	A	6000	71	580		µg/Kg-dry	10	08/15/07 01:19
Dibenz[a,h]anthracene	A	1100	85	580		µg/Kg-dry	10	08/15/07 01:19
Fluoranthene	A	670	110	580		µg/Kg-dry	10	08/15/07 01:19
Fluorene	A	210	67	580	J	µg/Kg-dry	10	08/15/07 01:19
Indeno[1,2,3cd]pyrene	A	670	78	580		µg/Kg-dry	10	08/15/07 01:19
Naphthalene	A	390	61	580	J	µg/Kg-dry	10	08/15/07 01:19
Phenanthrene	A	3500	95	580		µg/Kg-dry	10	08/15/07 01:19
Pyrene	A	9200	70	580		µg/Kg-dry	10	08/15/07 01:19
Surr: Nitrobenzene-d5	S	19.0	0	14.2-125		%REC	10	08/15/07 01:19
Surr: 2-Fluorobiphenyl	S	23.0	0	21.6-112		%REC	10	08/15/07 01:19
Surr: Terphenyl-d14	S	44.0	0	10-139		%REC	10	08/15/07 01:19

VOLATILE ORGANICS		Method: SW8260B			Prep Date/Time:		Analyst: NLT	
Acetone	A	ND	11	57		µg/Kg-dry	1	08/15/07 17:33
Acrolein	A	ND	18	110		µg/Kg-dry	1	08/15/07 17:33
Acrylonitrile	A	ND	15	110		µg/Kg-dry	1	08/15/07 17:33
Benzene	A	ND	1.4	5.7		µg/Kg-dry	1	08/15/07 17:33
Bromodichloromethane	A	ND	0.57	5.7		µg/Kg-dry	1	08/15/07 17:33
Bromoform	A	ND	0.8	5.7		µg/Kg-dry	1	08/15/07 17:33
Bromomethane	A	ND	4.1	11		µg/Kg-dry	1	08/15/07 17:33
2-Butanone	A	ND	4.1	11		µg/Kg-dry	1	08/15/07 17:33
Carbon Disulfide	A	ND	2	11		µg/Kg-dry	1	08/15/07 17:33
Carbon tetrachloride	A	ND	1.4	5.7		µg/Kg-dry	1	08/15/07 17:33
Chlorobenzene	A	ND	0.69	5.7		µg/Kg-dry	1	08/15/07 17:33
Chloroethane	A	ND	2.8	11		µg/Kg-dry	1	08/15/07 17:33
Chloroform	A	ND	0.69	5.7		µg/Kg-dry	1	08/15/07 17:33
Chloromethane	A	ND	1.7	11		µg/Kg-dry	1	08/15/07 17:33
Dibromochloromethane	A	ND	0.92	5.7		µg/Kg-dry	1	08/15/07 17:33
1,1-Dichloroethane	A	ND	0.8	5.7		µg/Kg-dry	1	08/15/07 17:33
1,2-Dichloroethane	A	ND	1.4	5.7		µg/Kg-dry	1	08/15/07 17:33
1,1-Dichloroethene	A	ND	1.4	5.7		µg/Kg-dry	1	08/15/07 17:33
cis-1,2-Dichloroethene	A	ND	0.92	5.7		µg/Kg-dry	1	08/15/07 17:33
trans-1,2-Dichloroethene	A	ND	1.1	5.7		µg/Kg-dry	1	08/15/07 17:33
1,2-Dichloropropane	A	ND	1.1	5.7		µg/Kg-dry	1	08/15/07 17:33
cis-1,3-Dichloropropene	A	ND	0.92	5.7		µg/Kg-dry	1	08/15/07 17:33
trans-1,3-Dichloropropene	A	ND	0.8	5.7		µg/Kg-dry	1	08/15/07 17:33
Ethylbenzene	A	8.6	0.8	5.7		µg/Kg-dry	1	08/15/07 17:33



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-2							
Sample Description:	0-2'							
Sample Matrix:	Soil							
Work Order / ID:	ME0708349-02							
Collection Date:	08/07/07 12:03							
Date Received:	08/08/07 16:30							

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: NLT		
2-Hexanone	A	ND	2.8	11		µg/Kg-dry	1	08/15/07 17:33
4-Methyl-2-Pentanone	A	ND	2	11		µg/Kg-dry	1	08/15/07 17:33
Methyl-t-Butyl Ether	A	ND	0.69	5.7		µg/Kg-dry	1	08/15/07 17:33
Methylene chloride	A	ND	10	23		µg/Kg-dry	1	08/15/07 17:33
Styrene	A	ND	0.92	5.7		µg/Kg-dry	1	08/15/07 17:33
1,1,1,2-Tetrachloroethane	A	ND	0.69	11		µg/Kg-dry	1	08/15/07 17:33
1,1,2,2-Tetrachloroethane	A	ND	1.6	5.7		µg/Kg-dry	1	08/15/07 17:33
Tetrachloroethene	A	ND	1.8	5.7		µg/Kg-dry	1	08/15/07 17:33
Toluene	A	6.0	0.8	5.7		µg/Kg-dry	1	08/15/07 17:33
1,1,1-Trichloroethane	A	ND	1.1	5.7		µg/Kg-dry	1	08/15/07 17:33
1,1,2-Trichloroethane	A	ND	0.92	5.7		µg/Kg-dry	1	08/15/07 17:33
Trichloroethene	A	ND	1	5.7		µg/Kg-dry	1	08/15/07 17:33
Trichlorofluoromethane	A	ND	3.9	11		µg/Kg-dry	1	08/15/07 17:33
Vinyl Acetate	A	ND	1.7	11		µg/Kg-dry	1	08/15/07 17:33
Vinyl chloride	A	ND	2	11		µg/Kg-dry	1	08/15/07 17:33
m,p-Xylene	A	16	1.8	5.7		µg/Kg-dry	1	08/15/07 17:33
o-Xylene	A	14	1	5.7		µg/Kg-dry	1	08/15/07 17:33
Total Xylenes	A	30	1	5.7		µg/Kg-dry	1	08/15/07 17:33
Surr: 4-Bromofluorobenzene	S	81.8	0	48.6-134		%REC	1	08/15/07 17:33
Surr: Dibromofluoromethane	S	104	0	70-136		%REC	1	08/15/07 17:33
Surr: 1,2-Dichloroethane-d4	S	122	0	68.6-148		%REC	1	08/15/07 17:33
Surr: Toluene-d8	S	130	0	59.4-155		%REC	1	08/15/07 17:33

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: NLT		
Gasoline Range Organics	A	720	290	570		µg/Kg-dry	1	08/15/07 17:33
Surr: 4-Bromofluorobenzene	S	81.8	0	48.6-134		%REC	1	08/15/07 17:33

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	13	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-2
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-03
	<i>Collection Date:</i> 08/07/07 12:11
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	ND	45	500		µg/Kg-dry	10	08/20/07 15:30
Aroclor 1221	A	ND	500	500		µg/Kg-dry	10	08/20/07 15:30
Aroclor 1232	A	ND	500	500		µg/Kg-dry	10	08/20/07 15:30
Aroclor 1242	A	ND	32	500		µg/Kg-dry	10	08/20/07 15:30
Aroclor 1248	A	ND	56	500		µg/Kg-dry	10	08/20/07 15:30
Aroclor 1254	A	ND	50	500		µg/Kg-dry	10	08/20/07 15:30
Aroclor 1260	A	ND	50	500		µg/Kg-dry	10	08/20/07 15:30
Aroclor 1262	A	ND	500	500		µg/Kg-dry	10	08/20/07 15:30
Aroclor 1268	A	ND	500	500		µg/Kg-dry	10	08/20/07 15:30
Total PCB's	A	ND	32	500		µg/Kg-dry	10	08/20/07 15:30
Surr: Tetrachloro-m-xylene	S	50.1	0	5-165		%REC	10	08/20/07 15:30
Surr: Decachlorobiphenyl	S	100	0	5-222		%REC	10	08/20/07 15:30

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/10/07 01:30 Analyst: MLT				
Extended Range Organics	A	28000	750	750		mg/Kg-dry	50	08/14/07 15:11
Surr: Decafluorobiphenyl	S	0	0	50-150	SD	%REC	50	08/14/07 15:11

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	5.2	0.14	0.68		mg/Kg-dry	1	08/13/07 16:48
Barium	A	12	0.026	0.14		mg/Kg-dry	1	08/10/07 17:03
Cadmium	A	ND	0.0082	0.14		mg/Kg-dry	1	08/10/07 17:03
Chromium	A	3.8	0.025	0.20		mg/Kg-dry	1	08/10/07 17:03
Lead	A	9.9	0.081	0.51		mg/Kg-dry	1	08/10/07 17:03
Selenium	A	ND	0.1	2.0		mg/Kg-dry	1	08/10/07 17:03
Silver	A	ND	0.11	0.68		mg/Kg-dry	1	08/10/07 17:03

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	0.052	0.0013	0.062	J	mg/Kg-dry	1	08/10/07 13:15

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	3100	85	760		µg/Kg-dry	10	08/15/07 01:44
Acenaphthylene	A	370	82	760	J	µg/Kg-dry	10	08/15/07 01:44
Anthracene	A	1200	120	760		µg/Kg-dry	10	08/15/07 01:44
Benzo[a]anthracene	A	9600	100	760		µg/Kg-dry	10	08/15/07 01:44
Benzo[a]pyrene	A	6100	110	760		µg/Kg-dry	10	08/15/07 01:44
Benzo[b]fluoranthene	A	8200	170	760		µg/Kg-dry	10	08/15/07 01:44
Benzo[g,h,i]perylene	A	3200	110	760		µg/Kg-dry	10	08/15/07 01:44



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-2
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-03
	<i>Collection Date:</i> 08/07/07 12:11
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method:	SW8270C			Prep Date/Time:	08/14/07 14:44	Analyst:	BEM
Benzo[k]fluoranthene	A	2500	140	760		µg/Kg-dry	10	08/15/07 01:44	
Chrysene	A	34000	190	1500		µg/Kg-dry	20	08/15/07 14:24	
Dibenz[a,h]anthracene	A	1700	110	760		µg/Kg-dry	10	08/15/07 01:44	
Fluoranthene	A	3600	140	760		µg/Kg-dry	10	08/15/07 01:44	
Fluorene	A	5600	88	760		µg/Kg-dry	10	08/15/07 01:44	
Indeno[1,2,3cd]pyrene	A	930	100	760		µg/Kg-dry	10	08/15/07 01:44	
Naphthalene	A	170	80	760	J	µg/Kg-dry	10	08/15/07 01:44	
Phenanthrene	A	16000	130	760		µg/Kg-dry	10	08/15/07 01:44	
Pyrene	A	28000	180	1500		µg/Kg-dry	20	08/15/07 14:24	
<i>Surr: Nitrobenzene-d5</i>	S	54.1	0	14.2-125		%REC	10	08/15/07 01:44	
<i>Surr: 2-Fluorobiphenyl</i>	S	54.1	0	21.6-112		%REC	10	08/15/07 01:44	
<i>Surr: Terphenyl-d14</i>	S	125	0	10-139		%REC	10	08/15/07 01:44	

VOLATILE ORGANICS		Method:	SW8260B			Prep Date/Time:		Analyst:	JLN
Acetone	A	1500	150	760		µg/Kg-dry	10	08/15/07 23:29	
Acrolein	A	ND	24	150		µg/Kg-dry	1	08/15/07 18:06	
Acrylonitrile	A	ND	20	150		µg/Kg-dry	1	08/15/07 18:06	
Benzene	A	ND	1.8	7.6		µg/Kg-dry	1	08/15/07 18:06	
Bromodichloromethane	A	ND	0.76	7.6		µg/Kg-dry	1	08/15/07 18:06	
Bromoform	A	ND	1.1	7.6		µg/Kg-dry	1	08/15/07 18:06	
Bromomethane	A	ND	5.5	15		µg/Kg-dry	1	08/15/07 18:06	
2-Butanone	A	360	55	150		µg/Kg-dry	10	08/15/07 23:29	
Carbon Disulfide	A	19	2.6	15		µg/Kg-dry	1	08/15/07 18:06	
Carbon tetrachloride	A	ND	1.8	7.6		µg/Kg-dry	1	08/15/07 18:06	
Chlorobenzene	A	ND	0.91	7.6		µg/Kg-dry	1	08/15/07 18:06	
Chloroethane	A	ND	3.6	15		µg/Kg-dry	1	08/15/07 18:06	
Chloroform	A	ND	0.91	7.6		µg/Kg-dry	1	08/15/07 18:06	
Chloromethane	A	ND	2.3	15		µg/Kg-dry	1	08/15/07 18:06	
Dibromochloromethane	A	ND	1.2	7.6		µg/Kg-dry	1	08/15/07 18:06	
1,1-Dichloroethane	A	ND	1.1	7.6		µg/Kg-dry	1	08/15/07 18:06	
1,2-Dichloroethane	A	ND	1.8	7.6		µg/Kg-dry	1	08/15/07 18:06	
1,1-Dichloroethene	A	ND	1.8	7.6		µg/Kg-dry	1	08/15/07 18:06	
cis-1,2-Dichloroethene	A	ND	1.2	7.6		µg/Kg-dry	1	08/15/07 18:06	
trans-1,2-Dichloroethene	A	ND	1.5	7.6		µg/Kg-dry	1	08/15/07 18:06	
1,2-Dichloropropane	A	ND	1.5	7.6		µg/Kg-dry	1	08/15/07 18:06	
cis-1,3-Dichloropropene	A	ND	1.2	7.6		µg/Kg-dry	1	08/15/07 18:06	
trans-1,3-Dichloropropene	A	ND	1.1	7.6		µg/Kg-dry	1	08/15/07 18:06	
Ethylbenzene	A	13	1.1	7.6		µg/Kg-dry	1	08/15/07 18:06	



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-2							
Sample Description:	2-4'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-03	
						Collection Date:	08/07/07 12:11	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	3.6	15		µg/Kg-dry	1	08/15/07 18:06
4-Methyl-2-Pentanone	A	ND	2.6	15		µg/Kg-dry	1	08/15/07 18:06
Methyl-t-Butyl Ether	A	ND	0.91	7.6		µg/Kg-dry	1	08/15/07 18:06
Methylene chloride	A	ND	13	30		µg/Kg-dry	1	08/15/07 18:06
Styrene	A	ND	1.2	7.6		µg/Kg-dry	1	08/15/07 18:06
1,1,1,2-Tetrachloroethane	A	ND	0.91	15		µg/Kg-dry	1	08/15/07 18:06
1,1,2,2-Tetrachloroethane	A	ND	2.1	7.6		µg/Kg-dry	1	08/15/07 18:06
Tetrachloroethene	A	ND	2.4	7.6		µg/Kg-dry	1	08/15/07 18:06
Toluene	A	9.6	1.1	7.6		µg/Kg-dry	1	08/15/07 18:06
1,1,1-Trichloroethane	A	ND	1.5	7.6		µg/Kg-dry	1	08/15/07 18:06
1,1,2-Trichloroethane	A	ND	1.2	7.6		µg/Kg-dry	1	08/15/07 18:06
Trichloroethene	A	ND	1.4	7.6		µg/Kg-dry	1	08/15/07 18:06
Trichlorofluoromethane	A	ND	5.2	15		µg/Kg-dry	1	08/15/07 18:06
Vinyl Acetate	A	ND	2.3	15		µg/Kg-dry	1	08/15/07 18:06
Vinyl chloride	A	ND	2.6	15		µg/Kg-dry	1	08/15/07 18:06
m,p-Xylene	A	30	2.4	7.6		µg/Kg-dry	1	08/15/07 18:06
o-Xylene	A	35	1.4	7.6		µg/Kg-dry	1	08/15/07 18:06
Total Xylenes	A	65	1.4	7.6		µg/Kg-dry	1	08/15/07 18:06
Surr: 4-Bromofluorobenzene	S	73.7	0	48.6-134		%REC	1	08/15/07 18:06
Surr: Dibromofluoromethane	S	103	0	70-136		%REC	1	08/15/07 18:06
Surr: 1,2-Dichloroethane-d4	S	114	0	68.6-148		%REC	1	08/15/07 18:06
Surr: Toluene-d8	S	124	0	59.4-155		%REC	1	08/15/07 18:06

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: NLT		
Gasoline Range Organics	A	2000	380	760		µg/Kg-dry	1	08/15/07 18:06
Surr: 4-Bromofluorobenzene	S	73.7	0	48.6-134		%REC	1	08/15/07 18:06

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	34	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-3
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-04  
 Collection Date: 08/07/07 14:42  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	ND	3.4	37		µg/Kg-dry	1	08/17/07 19:56
Aroclor 1221	A	ND	37	37		µg/Kg-dry	1	08/17/07 19:56
Aroclor 1232	A	ND	37	37		µg/Kg-dry	1	08/17/07 19:56
Aroclor 1242	A	ND	2.4	37		µg/Kg-dry	1	08/17/07 19:56
Aroclor 1248	A	ND	4.2	37		µg/Kg-dry	1	08/17/07 19:56
Aroclor 1254	A	ND	3.7	37		µg/Kg-dry	1	08/17/07 19:56
Aroclor 1260	A	ND	3.7	37		µg/Kg-dry	1	08/17/07 19:56
Aroclor 1262	A	ND	37	37		µg/Kg-dry	1	08/17/07 19:56
Aroclor 1268	A	ND	37	37		µg/Kg-dry	1	08/17/07 19:56
Total PCB's	A	ND	2.4	37		µg/Kg-dry	1	08/17/07 19:56
Surr: Tetrachloro-m-xylene	S	85.1	0	5-165		%REC	1	08/17/07 19:56
Surr: Decachlorobiphenyl	S	75.1	0	5-222		%REC	1	08/17/07 19:56

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/10/07 01:30 Analyst: ALS				
Extended Range Organics	A	ND	9.6	9.6		mg/Kg	1	08/11/07 05:49
Surr: Decafluorobiphenyl	S	89.6	0	50-150		%REC	1	08/11/07 05:49

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	2.1	0.099	0.50		mg/Kg-dry	1	08/13/07 16:54
Barium	A	20	0.019	0.10		mg/Kg-dry	1	08/10/07 17:09
Cadmium	A	0.15	0.006	0.10		mg/Kg-dry	1	08/10/07 17:09
Chromium	A	3.8	0.018	0.15		mg/Kg-dry	1	08/10/07 17:09
Lead	A	44	0.059	0.38		mg/Kg-dry	1	08/10/07 17:09
Selenium	A	ND	0.075	1.5		mg/Kg-dry	1	08/10/07 17:09
Silver	A	ND	0.079	0.50		mg/Kg-dry	1	08/10/07 17:09

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	0.04	0.00098	0.045	J	mg/Kg-dry	1	08/10/07 13:16

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	ND	6.3	56		µg/Kg-dry	1	08/14/07 20:20
Acenaphthylene	A	ND	6.1	56		µg/Kg-dry	1	08/14/07 20:20
Anthracene	A	10	8.8	56	J	µg/Kg-dry	1	08/14/07 20:20
Benzo[a]anthracene	A	120	7.5	56		µg/Kg-dry	1	08/14/07 20:20
Benzo[a]pyrene	A	290	8	56		µg/Kg-dry	1	08/14/07 20:20
Benzo[b]fluoranthene	A	150	12	56		µg/Kg-dry	1	08/14/07 20:20
Benzo[g,h,i]perylene	A	270	8	56		µg/Kg-dry	1	08/14/07 20:20



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-3
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-04
	<i>Collection Date:</i> 08/07/07 14:42
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Benzo[k]fluoranthene	A	34	10	56	J	µg/Kg-dry	1	08/14/07 20:20
Chrysene	A	320	7	56		µg/Kg-dry	1	08/14/07 20:20
Dibenz[a,h]anthracene	A	79	8.3	56		µg/Kg-dry	1	08/14/07 20:20
Fluoranthene	A	69	11	56		µg/Kg-dry	1	08/14/07 20:20
Fluorene	A	7.9	6.5	56	J	µg/Kg-dry	1	08/14/07 20:20
Indeno[1,2,3cd]pyrene	A	77	7.6	56		µg/Kg-dry	1	08/14/07 20:20
Naphthalene	A	13	6	56	J	µg/Kg-dry	1	08/14/07 20:20
Phenanthrene	A	270	9.3	56		µg/Kg-dry	1	08/14/07 20:20
Pyrene	A	300	6.9	56		µg/Kg-dry	1	08/14/07 20:20
Surr: Nitrobenzene-d5	S	56.8	0	14.2-125		%REC	1	08/14/07 20:20
Surr: 2-Fluorobiphenyl	S	54.5	0	21.6-112		%REC	1	08/14/07 20:20
Surr: Terphenyl-d14	S	90.4	0	10-139		%REC	1	08/14/07 20:20

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:					Analyst: NLT
Acetone	A	ND	11	56		µg/Kg-dry	1	08/15/07 18:40	
Acrolein	A	ND	18	110		µg/Kg-dry	1	08/15/07 18:40	
Acrylonitrile	A	ND	15	110		µg/Kg-dry	1	08/15/07 18:40	
Benzene	A	ND	1.3	5.6		µg/Kg-dry	1	08/15/07 18:40	
Bromodichloromethane	A	ND	0.56	5.6		µg/Kg-dry	1	08/15/07 18:40	
Bromoform	A	ND	0.79	5.6		µg/Kg-dry	1	08/15/07 18:40	
Bromomethane	A	ND	4	11		µg/Kg-dry	1	08/15/07 18:40	
2-Butanone	A	ND	4	11		µg/Kg-dry	1	08/15/07 18:40	
Carbon Disulfide	A	ND	1.9	11		µg/Kg-dry	1	08/15/07 18:40	
Carbon tetrachloride	A	ND	1.3	5.6		µg/Kg-dry	1	08/15/07 18:40	
Chlorobenzene	A	ND	0.67	5.6		µg/Kg-dry	1	08/15/07 18:40	
Chloroethane	A	ND	2.7	11		µg/Kg-dry	1	08/15/07 18:40	
Chloroform	A	ND	0.67	5.6		µg/Kg-dry	1	08/15/07 18:40	
Chloromethane	A	ND	1.7	11		µg/Kg-dry	1	08/15/07 18:40	
Dibromochloromethane	A	ND	0.9	5.6		µg/Kg-dry	1	08/15/07 18:40	
1,1-Dichloroethane	A	ND	0.79	5.6		µg/Kg-dry	1	08/15/07 18:40	
1,2-Dichloroethane	A	ND	1.3	5.6		µg/Kg-dry	1	08/15/07 18:40	
1,1-Dichloroethene	A	ND	1.3	5.6		µg/Kg-dry	1	08/15/07 18:40	
cis-1,2-Dichloroethene	A	ND	0.9	5.6		µg/Kg-dry	1	08/15/07 18:40	
trans-1,2-Dichloroethene	A	ND	1.1	5.6		µg/Kg-dry	1	08/15/07 18:40	
1,2-Dichloropropane	A	ND	1.1	5.6		µg/Kg-dry	1	08/15/07 18:40	
cis-1,3-Dichloropropene	A	ND	0.9	5.6		µg/Kg-dry	1	08/15/07 18:40	
trans-1,3-Dichloropropene	A	ND	0.79	5.6		µg/Kg-dry	1	08/15/07 18:40	
Ethylbenzene	A	ND	0.79	5.6		µg/Kg-dry	1	08/15/07 18:40	



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-3							
Sample Description:	0-2'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-04	
						Collection Date:	08/07/07 14:42	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: NLT		
2-Hexanone	A	ND	2.7	11		µg/Kg-dry	1	08/15/07 18:40
4-Methyl-2-Pentanone	A	ND	1.9	11		µg/Kg-dry	1	08/15/07 18:40
Methyl-t-Butyl Ether	A	ND	0.67	5.6		µg/Kg-dry	1	08/15/07 18:40
Methylene chloride	A	ND	9.8	22		µg/Kg-dry	1	08/15/07 18:40
Styrene	A	ND	0.9	5.6		µg/Kg-dry	1	08/15/07 18:40
1,1,1,2-Tetrachloroethane	A	ND	0.67	11		µg/Kg-dry	1	08/15/07 18:40
1,1,2,2-Tetrachloroethane	A	ND	1.6	5.6		µg/Kg-dry	1	08/15/07 18:40
Tetrachloroethene	A	ND	1.8	5.6		µg/Kg-dry	1	08/15/07 18:40
Toluene	A	ND	0.79	5.6		µg/Kg-dry	1	08/15/07 18:40
1,1,1-Trichloroethane	A	ND	1.1	5.6		µg/Kg-dry	1	08/15/07 18:40
1,1,2-Trichloroethane	A	ND	0.9	5.6		µg/Kg-dry	1	08/15/07 18:40
Trichloroethene	A	ND	1	5.6		µg/Kg-dry	1	08/15/07 18:40
Trichlorofluoromethane	A	ND	3.8	11		µg/Kg-dry	1	08/15/07 18:40
Vinyl Acetate	A	ND	1.7	11		µg/Kg-dry	1	08/15/07 18:40
Vinyl chloride	A	ND	1.9	11		µg/Kg-dry	1	08/15/07 18:40
m,p-Xylene	A	2.2	1.8	5.6	J	µg/Kg-dry	1	08/15/07 18:40
o-Xylene	A	1.5	1	5.6	J	µg/Kg-dry	1	08/15/07 18:40
Total Xylenes	A	ND	1	5.6		µg/Kg-dry	1	08/15/07 18:40
Surr: 4-Bromofluorobenzene	S	86.0	0	48.6-134		%REC	1	08/15/07 18:40
Surr: Dibromofluoromethane	S	104	0	70-136		%REC	1	08/15/07 18:40
Surr: 1,2-Dichloroethane-d4	S	113	0	68.6-148		%REC	1	08/15/07 18:40
Surr: Toluene-d8	S	115	0	59.4-155		%REC	1	08/15/07 18:40

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: NLT		
Gasoline Range Organics	A	ND	280	560		µg/Kg-dry	1	08/15/07 18:40
Surr: 4-Bromofluorobenzene	S	86.0	0	48.6-134		%REC	1	08/15/07 18:40

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	11	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-3
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-05  
 Collection Date: 08/07/07 14:45  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	<b>ND</b>	3.8	42		µg/Kg-dry	1	08/17/07 20:29
Aroclor 1221	A	<b>ND</b>	42	42		µg/Kg-dry	1	08/17/07 20:29
Aroclor 1232	A	<b>ND</b>	42	42		µg/Kg-dry	1	08/17/07 20:29
Aroclor 1242	A	<b>ND</b>	2.7	42		µg/Kg-dry	1	08/17/07 20:29
Aroclor 1248	A	<b>ND</b>	4.7	42		µg/Kg-dry	1	08/17/07 20:29
Aroclor 1254	A	<b>ND</b>	4.2	42		µg/Kg-dry	1	08/17/07 20:29
Aroclor 1260	A	<b>ND</b>	4.2	42		µg/Kg-dry	1	08/17/07 20:29
Aroclor 1262	A	<b>ND</b>	42	42		µg/Kg-dry	1	08/17/07 20:29
Aroclor 1268	A	<b>ND</b>	42	42		µg/Kg-dry	1	08/17/07 20:29
Total PCB's	A	<b>ND</b>	2.7	42		µg/Kg-dry	1	08/17/07 20:29
Surr: Tetrachloro-m-xylene	S	75.1	0	5-165		%REC	1	08/17/07 20:29
Surr: Decachlorobiphenyl	S	70.1	0	5-222		%REC	1	08/17/07 20:29

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/10/07 01:30 Analyst: ALS				
Extended Range Organics	A	<b>ND</b>	9.9	9.9		mg/Kg	1	08/11/07 06:30
Surr: Decafluorobiphenyl	S	87.3	0	50-150		%REC	1	08/11/07 06:30

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	<b>2.7</b>	0.12	0.62		mg/Kg-dry	1	08/13/07 16:59
Barium	A	<b>8.7</b>	0.024	0.12		mg/Kg-dry	1	08/10/07 17:36
Cadmium	A	<b>ND</b>	0.0074	0.12		mg/Kg-dry	1	08/10/07 17:36
Chromium	A	<b>3.3</b>	0.022	0.19		mg/Kg-dry	1	08/10/07 17:36
Lead	A	<b>9.9</b>	0.073	0.47		mg/Kg-dry	1	08/10/07 17:36
Selenium	A	<b>ND</b>	0.093	1.9		mg/Kg-dry	1	08/10/07 17:36
Silver	A	<b>ND</b>	0.098	0.62		mg/Kg-dry	1	08/10/07 17:36

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	<b>0.01</b>	0.00092	0.043	J	mg/Kg-dry	1	08/10/07 13:18

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	<b>ND</b>	7.1	63		µg/Kg-dry	1	08/14/07 20:46
Acenaphthylene	A	<b>ND</b>	6.8	63		µg/Kg-dry	1	08/14/07 20:46
Anthracene	A	<b>ND</b>	9.9	63		µg/Kg-dry	1	08/14/07 20:46
Benzo[a]anthracene	A	<b>ND</b>	8.5	63		µg/Kg-dry	1	08/14/07 20:46
Benzo[a]pyrene	A	<b>25</b>	9	63	J	µg/Kg-dry	1	08/14/07 20:46
Benzo[b]fluoranthene	A	<b>18</b>	14	63	J	µg/Kg-dry	1	08/14/07 20:46
Benzo[g,h,i]perylene	A	<b>21</b>	9	63	J	µg/Kg-dry	1	08/14/07 20:46



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-3
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-05  
 Collection Date: 08/07/07 14:45  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Benzo[k]fluoranthene	A	ND	12	63		µg/Kg-dry	1	08/14/07 20:46
Chrysene	A	ND	7.8	63		µg/Kg-dry	1	08/14/07 20:46
Dibenz[a,h]anthracene	A	ND	9.4	63		µg/Kg-dry	1	08/14/07 20:46
Fluoranthene	A	ND	12	63		µg/Kg-dry	1	08/14/07 20:46
Fluorene	A	ND	7.3	63		µg/Kg-dry	1	08/14/07 20:46
Indeno[1,2,3cd]pyrene	A	ND	8.6	63		µg/Kg-dry	1	08/14/07 20:46
Naphthalene	A	ND	6.7	63		µg/Kg-dry	1	08/14/07 20:46
Phenanthrene	A	22	11	63	J	µg/Kg-dry	1	08/14/07 20:46
Pyrene	A	44	7.7	63	J	µg/Kg-dry	1	08/14/07 20:46
Surr: Nitrobenzene-d5	S	47.9	0	14.2-125		%REC	1	08/14/07 20:46
Surr: 2-Fluorobiphenyl	S	46.5	0	21.6-112		%REC	1	08/14/07 20:46
Surr: Terphenyl-d14	S	62.7	0	10-139		%REC	1	08/14/07 20:46

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:					Analyst: JLN	
Acetone	A	ND	12	63		µg/Kg-dry	1	08/16/07 00:03		
Acrolein	A	ND	20	130		µg/Kg-dry	1	08/16/07 00:03		
Acrylonitrile	A	ND	16	130		µg/Kg-dry	1	08/16/07 00:03		
Benzene	A	ND	1.5	6.3		µg/Kg-dry	1	08/16/07 00:03		
Bromodichloromethane	A	ND	0.63	6.3		µg/Kg-dry	1	08/16/07 00:03		
Bromoform	A	ND	0.89	6.3		µg/Kg-dry	1	08/16/07 00:03		
Bromomethane	A	ND	4.6	13		µg/Kg-dry	1	08/16/07 00:03		
2-Butanone	A	ND	4.6	13		µg/Kg-dry	1	08/16/07 00:03		
Carbon Disulfide	A	ND	2.2	13		µg/Kg-dry	1	08/16/07 00:03		
Carbon tetrachloride	A	ND	1.5	6.3		µg/Kg-dry	1	08/16/07 00:03		
Chlorobenzene	A	ND	0.76	6.3		µg/Kg-dry	1	08/16/07 00:03		
Chloroethane	A	ND	3	13		µg/Kg-dry	1	08/16/07 00:03		
Chloroform	A	ND	0.76	6.3		µg/Kg-dry	1	08/16/07 00:03		
Chloromethane	A	ND	1.9	13		µg/Kg-dry	1	08/16/07 00:03		
Dibromochloromethane	A	ND	1	6.3		µg/Kg-dry	1	08/16/07 00:03		
1,1-Dichloroethane	A	ND	0.89	6.3		µg/Kg-dry	1	08/16/07 00:03		
1,2-Dichloroethane	A	ND	1.5	6.3		µg/Kg-dry	1	08/16/07 00:03		
1,1-Dichloroethene	A	ND	1.5	6.3		µg/Kg-dry	1	08/16/07 00:03		
cis-1,2-Dichloroethene	A	ND	1	6.3		µg/Kg-dry	1	08/16/07 00:03		
trans-1,2-Dichloroethene	A	ND	1.3	6.3		µg/Kg-dry	1	08/16/07 00:03		
1,2-Dichloropropane	A	ND	1.3	6.3		µg/Kg-dry	1	08/16/07 00:03		
cis-1,3-Dichloropropene	A	ND	1	6.3		µg/Kg-dry	1	08/16/07 00:03		
trans-1,3-Dichloropropene	A	ND	0.89	6.3		µg/Kg-dry	1	08/16/07 00:03		
Ethylbenzene	A	1	0.89	6.3	J	µg/Kg-dry	1	08/16/07 00:03		



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-3							
Sample Description:	2-4'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-05	
						Collection Date:	08/07/07 14:45	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	3	13		µg/Kg-dry	1	08/16/07 00:03
4-Methyl-2-Pentanone	A	ND	2.2	13		µg/Kg-dry	1	08/16/07 00:03
Methyl-t-Butyl Ether	A	ND	0.76	6.3		µg/Kg-dry	1	08/16/07 00:03
Methylene chloride	A	ND	11	25		µg/Kg-dry	1	08/16/07 00:03
Styrene	A	ND	1	6.3		µg/Kg-dry	1	08/16/07 00:03
1,1,1,2-Tetrachloroethane	A	ND	0.76	13		µg/Kg-dry	1	08/16/07 00:03
1,1,2,2-Tetrachloroethane	A	ND	1.8	6.3		µg/Kg-dry	1	08/16/07 00:03
Tetrachloroethene	A	ND	2	6.3		µg/Kg-dry	1	08/16/07 00:03
Toluene	A	ND	0.89	6.3		µg/Kg-dry	1	08/16/07 00:03
1,1,1-Trichloroethane	A	ND	1.3	6.3		µg/Kg-dry	1	08/16/07 00:03
1,1,2-Trichloroethane	A	ND	1	6.3		µg/Kg-dry	1	08/16/07 00:03
Trichloroethene	A	ND	1.1	6.3		µg/Kg-dry	1	08/16/07 00:03
Trichlorofluoromethane	A	ND	4.3	13		µg/Kg-dry	1	08/16/07 00:03
Vinyl Acetate	A	ND	1.9	13		µg/Kg-dry	1	08/16/07 00:03
Vinyl chloride	A	ND	2.2	13		µg/Kg-dry	1	08/16/07 00:03
m,p-Xylene	A	2.4	2	6.3	J	µg/Kg-dry	1	08/16/07 00:03
o-Xylene	A	ND	1.1	6.3		µg/Kg-dry	1	08/16/07 00:03
Total Xylenes	A	ND	1.1	6.3		µg/Kg-dry	1	08/16/07 00:03
Surr: 4-Bromofluorobenzene	S	92.7	0	48.6-134		%REC	1	08/16/07 00:03
Surr: Dibromofluoromethane	S	102	0	70-136		%REC	1	08/16/07 00:03
Surr: 1,2-Dichloroethane-d4	S	112	0	68.6-148		%REC	1	08/16/07 00:03
Surr: Toluene-d8	S	101	0	59.4-155		%REC	1	08/16/07 00:03

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: JLN		
Gasoline Range Organics	A	ND	320	630		µg/Kg-dry	1	08/16/07 00:03
Surr: 4-Bromofluorobenzene	S	92.7	0	48.6-134		%REC	1	08/16/07 00:03

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	21	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-4
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-06  
 Collection Date: 08/08/07 08:02  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	ND	3.2	35		µg/Kg-dry	1	08/17/07 21:01
Aroclor 1221	A	ND	35	35		µg/Kg-dry	1	08/17/07 21:01
Aroclor 1232	A	ND	35	35		µg/Kg-dry	1	08/17/07 21:01
Aroclor 1242	A	ND	2.2	35		µg/Kg-dry	1	08/17/07 21:01
Aroclor 1248	A	ND	3.9	35		µg/Kg-dry	1	08/17/07 21:01
Aroclor 1254	A	ND	3.5	35		µg/Kg-dry	1	08/17/07 21:01
Aroclor 1260	A	ND	3.5	35		µg/Kg-dry	1	08/17/07 21:01
Aroclor 1262	A	ND	35	35		µg/Kg-dry	1	08/17/07 21:01
Aroclor 1268	A	ND	35	35		µg/Kg-dry	1	08/17/07 21:01
Total PCB's	A	ND	2.2	35		µg/Kg-dry	1	08/17/07 21:01
Surr: Tetrachloro-m-xylene	S	100	0	5-165		%REC	1	08/17/07 21:01
Surr: Decachlorobiphenyl	S	80.1	0	5-222		%REC	1	08/17/07 21:01

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/10/07 01:30 Analyst: ALS				
Extended Range Organics	A	27	9.8	9.8		mg/Kg	1	08/11/07 07:10
Surr: Decafluorobiphenyl	S	90.7	0	50-150		%REC	1	08/11/07 07:10

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	2.2	0.1	0.51		mg/Kg-dry	1	08/14/07 10:19
Barium	A	9.9	0.02	0.10		mg/Kg-dry	1	08/10/07 17:41
Cadmium	A	0.062	0.0062	0.10	J	mg/Kg-dry	1	08/10/07 17:41
Chromium	A	3.7	0.019	0.15		mg/Kg-dry	1	08/10/07 17:41
Lead	A	17	0.061	0.39		mg/Kg-dry	1	08/10/07 17:41
Selenium	A	ND	0.077	1.5		mg/Kg-dry	1	08/10/07 17:41
Silver	A	ND	0.081	0.51		mg/Kg-dry	1	08/10/07 17:41

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	0.64	0.0092	0.43		mg/Kg-dry	10	08/10/07 13:43

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	6.4	5.9	53	J	µg/Kg-dry	1	08/14/07 21:11
Acenaphthylene	A	ND	5.7	53		µg/Kg-dry	1	08/14/07 21:11
Anthracene	A	29	8.3	53	J	µg/Kg-dry	1	08/14/07 21:11
Benzo[a]anthracene	A	240	7.1	53		µg/Kg-dry	1	08/14/07 21:11
Benzo[a]pyrene	A	190	7.5	53		µg/Kg-dry	1	08/14/07 21:11
Benzo[b]fluoranthene	A	220	12	53		µg/Kg-dry	1	08/14/07 21:11
Benzo[g,h,i]perylene	A	330	7.5	53		µg/Kg-dry	1	08/14/07 21:11

**ANALYTICAL RESULTS****Date:** Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-4
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-06
	<i>Collection Date:</i> 08/08/07 08:02
	<i>Date Received:</i> 08/08/07 16:30

<b>Analyses</b>	<b>ST</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Analyzed</b>
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<b>PAH BY GC/MS-SIM</b>		Method: <b>SW8270C</b>		Prep Date/Time: <b>08/14/07 14:44</b> Analyst: <b>BEM</b>				
Benzo[k]fluoranthene	A	<b>51</b>	9.9	53	J	µg/Kg-dry	1	08/14/07 21:11
Chrysene	A	<b>600</b>	6.6	53		µg/Kg-dry	1	08/14/07 21:11
Dibenz[a,h]anthracene	A	<b>70</b>	7.8	53		µg/Kg-dry	1	08/14/07 21:11
Fluoranthene	A	<b>150</b>	10	53		µg/Kg-dry	1	08/14/07 21:11
Fluorene	A	<b>24</b>	6.2	53	J	µg/Kg-dry	1	08/14/07 21:11
Indeno[1,2,3cd]pyrene	A	<b>93</b>	7.2	53		µg/Kg-dry	1	08/14/07 21:11
Naphthalene	A	<b>58</b>	5.6	53		µg/Kg-dry	1	08/14/07 21:11
Phenanthrene	A	<b>840</b>	8.8	53		µg/Kg-dry	1	08/14/07 21:11
Pyrene	A	<b>630</b>	6.5	53		µg/Kg-dry	1	08/14/07 21:11
<i>Surr: Nitrobenzene-d5</i>	S	54.2	0	14.2-125		%REC	1	08/14/07 21:11
<i>Surr: 2-Fluorobiphenyl</i>	S	51.8	0	21.6-112		%REC	1	08/14/07 21:11
<i>Surr: Terphenyl-d14</i>	S	79.9	0	10-139		%REC	1	08/14/07 21:11

<b>VOLATILE ORGANICS</b>		Method: <b>SW8260B</b>		Prep Date/Time:					Analyst: <b>JLN</b>
Acetone	A	<b>ND</b>	10	53		µg/Kg-dry	1	08/16/07 01:43	
Acrolein	A	<b>ND</b>	17	110		µg/Kg-dry	1	08/16/07 01:43	
Acrylonitrile	A	<b>ND</b>	14	110		µg/Kg-dry	1	08/16/07 01:43	
Benzene	A	<b>ND</b>	1.3	5.3		µg/Kg-dry	1	08/16/07 01:43	
Bromodichloromethane	A	<b>ND</b>	0.53	5.3		µg/Kg-dry	1	08/16/07 01:43	
Bromoform	A	<b>ND</b>	0.74	5.3		µg/Kg-dry	1	08/16/07 01:43	
Bromomethane	A	<b>ND</b>	3.8	11		µg/Kg-dry	1	08/16/07 01:43	
2-Butanone	A	<b>ND</b>	3.8	11		µg/Kg-dry	1	08/16/07 01:43	
Carbon Disulfide	A	<b>ND</b>	1.8	11		µg/Kg-dry	1	08/16/07 01:43	
Carbon tetrachloride	A	<b>ND</b>	1.3	5.3		µg/Kg-dry	1	08/16/07 01:43	
Chlorobenzene	A	<b>ND</b>	0.64	5.3		µg/Kg-dry	1	08/16/07 01:43	
Chloroethane	A	<b>ND</b>	2.5	11		µg/Kg-dry	1	08/16/07 01:43	
Chloroform	A	<b>ND</b>	0.64	5.3		µg/Kg-dry	1	08/16/07 01:43	
Chloromethane	A	<b>ND</b>	1.6	11		µg/Kg-dry	1	08/16/07 01:43	
Dibromochloromethane	A	<b>ND</b>	0.85	5.3		µg/Kg-dry	1	08/16/07 01:43	
1,1-Dichloroethane	A	<b>ND</b>	0.74	5.3		µg/Kg-dry	1	08/16/07 01:43	
1,2-Dichloroethane	A	<b>ND</b>	1.3	5.3		µg/Kg-dry	1	08/16/07 01:43	
1,1-Dichloroethene	A	<b>ND</b>	1.3	5.3		µg/Kg-dry	1	08/16/07 01:43	
cis-1,2-Dichloroethene	A	<b>ND</b>	0.85	5.3		µg/Kg-dry	1	08/16/07 01:43	
trans-1,2-Dichloroethene	A	<b>ND</b>	1.1	5.3		µg/Kg-dry	1	08/16/07 01:43	
1,2-Dichloropropane	A	<b>ND</b>	1.1	5.3		µg/Kg-dry	1	08/16/07 01:43	
cis-1,3-Dichloropropene	A	<b>ND</b>	0.85	5.3		µg/Kg-dry	1	08/16/07 01:43	
trans-1,3-Dichloropropene	A	<b>ND</b>	0.74	5.3		µg/Kg-dry	1	08/16/07 01:43	
Ethylbenzene	A	<b>2.1</b>	0.74	5.3	J	µg/Kg-dry	1	08/16/07 01:43	



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-4							
Sample Description:	0-2'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-06	
						Collection Date:	08/08/07 08:02	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	2.5	11		µg/Kg-dry	1	08/16/07 01:43
4-Methyl-2-Pentanone	A	ND	1.8	11		µg/Kg-dry	1	08/16/07 01:43
Methyl-t-Butyl Ether	A	ND	0.64	5.3		µg/Kg-dry	1	08/16/07 01:43
Methylene chloride	A	ND	9.2	21		µg/Kg-dry	1	08/16/07 01:43
Styrene	A	ND	0.85	5.3		µg/Kg-dry	1	08/16/07 01:43
1,1,1,2-Tetrachloroethane	A	ND	0.64	11		µg/Kg-dry	1	08/16/07 01:43
1,1,2,2-Tetrachloroethane	A	ND	1.5	5.3		µg/Kg-dry	1	08/16/07 01:43
Tetrachloroethene	A	ND	1.7	5.3		µg/Kg-dry	1	08/16/07 01:43
Toluene	A	ND	0.74	5.3		µg/Kg-dry	1	08/16/07 01:43
1,1,1-Trichloroethane	A	ND	1.1	5.3		µg/Kg-dry	1	08/16/07 01:43
1,1,2-Trichloroethane	A	ND	0.85	5.3		µg/Kg-dry	1	08/16/07 01:43
Trichloroethene	A	ND	0.95	5.3		µg/Kg-dry	1	08/16/07 01:43
Trichlorofluoromethane	A	ND	3.6	11		µg/Kg-dry	1	08/16/07 01:43
Vinyl Acetate	A	ND	1.6	11		µg/Kg-dry	1	08/16/07 01:43
Vinyl chloride	A	ND	1.8	11		µg/Kg-dry	1	08/16/07 01:43
m,p-Xylene	A	9.3	1.7	5.3		µg/Kg-dry	1	08/16/07 01:43
o-Xylene	A	4.8	0.95	5.3	J	µg/Kg-dry	1	08/16/07 01:43
Total Xylenes	A	9.3	0.95	5.3		µg/Kg-dry	1	08/16/07 01:43
Surr: 4-Bromofluorobenzene	S	88.2	0	48.6-134		%REC	1	08/16/07 01:43
Surr: Dibromofluoromethane	S	104	0	70-136		%REC	1	08/16/07 01:43
Surr: 1,2-Dichloroethane-d4	S	118	0	68.6-148		%REC	1	08/16/07 01:43
Surr: Toluene-d8	S	106	0	59.4-155		%REC	1	08/16/07 01:43

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: JLN		
Gasoline Range Organics	A	ND	270	530		µg/Kg-dry	1	08/16/07 01:43
Surr: 4-Bromofluorobenzene	S	88.2	0	48.6-134		%REC	1	08/16/07 01:43

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	5.7	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.
Client Project:	NBD - Gary Airport
Client Sample ID:	B-4
Sample Description:	2-4'
Sample Matrix:	Soil
	Work Order / ID: ME0708349-07
	Collection Date: 08/08/07 08:04
	Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	ND	3.7	41		µg/Kg-dry	1	08/17/07 21:34
Aroclor 1221	A	ND	41	41		µg/Kg-dry	1	08/17/07 21:34
Aroclor 1232	A	ND	41	41		µg/Kg-dry	1	08/17/07 21:34
Aroclor 1242	A	ND	2.6	41		µg/Kg-dry	1	08/17/07 21:34
Aroclor 1248	A	ND	4.6	41		µg/Kg-dry	1	08/17/07 21:34
Aroclor 1254	A	ND	4.1	41		µg/Kg-dry	1	08/17/07 21:34
Aroclor 1260	A	ND	4.1	41		µg/Kg-dry	1	08/17/07 21:34
Aroclor 1262	A	ND	41	41		µg/Kg-dry	1	08/17/07 21:34
Aroclor 1268	A	ND	41	41		µg/Kg-dry	1	08/17/07 21:34
Total PCB's	A	ND	2.6	41		µg/Kg-dry	1	08/17/07 21:34
Surr: Tetrachloro-m-xylene	S	85.1	0	5-165		%REC	1	08/17/07 21:34
Surr: Decachlorobiphenyl	S	85.1	0	5-222		%REC	1	08/17/07 21:34

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/10/07 01:30 Analyst: ALS				
Extended Range Organics	A	ND	9.9	9.9		mg/Kg	1	08/11/07 07:50
Surr: Decafluorobiphenyl	S	87.9	0	50-150		%REC	1	08/11/07 07:50

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	2.1	0.12	0.58		mg/Kg-dry	1	08/14/07 10:25
Barium	A	4.5	0.022	0.12		mg/Kg-dry	1	08/10/07 17:47
Cadmium	A	ND	0.007	0.12		mg/Kg-dry	1	08/10/07 17:47
Chromium	A	2.6	0.021	0.17		mg/Kg-dry	1	08/10/07 17:47
Lead	A	2.2	0.069	0.44		mg/Kg-dry	1	08/10/07 17:47
Selenium	A	ND	0.087	1.7		mg/Kg-dry	1	08/10/07 17:47
Silver	A	ND	0.092	0.58		mg/Kg-dry	1	08/10/07 17:47

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	0.0035	0.0011	0.051	J	mg/Kg-dry	1	08/10/07 13:21

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	ND	6.9	62		µg/Kg-dry	1	08/14/07 21:36
Acenaphthylene	A	ND	6.7	62		µg/Kg-dry	1	08/14/07 21:36
Anthracene	A	ND	9.6	62		µg/Kg-dry	1	08/14/07 21:36
Benzo[a]anthracene	A	ND	8.3	62		µg/Kg-dry	1	08/14/07 21:36
Benzo[a]pyrene	A	ND	8.8	62		µg/Kg-dry	1	08/14/07 21:36
Benzo[b]fluoranthene	A	ND	14	62		µg/Kg-dry	1	08/14/07 21:36
Benzo[g,h,i]perylene	A	9.5	8.8	62	J	µg/Kg-dry	1	08/14/07 21:36

**ANALYTICAL RESULTS****Date:** Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-4
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-07
	<i>Collection Date:</i> 08/08/07 08:04
	<i>Date Received:</i> 08/08/07 16:30

<b>Analyses</b>	<b>ST</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Analyzed</b>
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<b>PAH BY GC/MS-SIM</b>		Method: <b>SW8270C</b>		Prep Date/Time: <b>08/14/07 14:44</b> Analyst: <b>BEM</b>				
Benzo[k]fluoranthene	A	<b>ND</b>	11	62		µg/Kg-dry	1	08/14/07 21:36
Chrysene	A	<b>30</b>	7.7	62	J	µg/Kg-dry	1	08/14/07 21:36
Dibenz[a,h]anthracene	A	<b>ND</b>	9.1	62		µg/Kg-dry	1	08/14/07 21:36
Fluoranthene	A	<b>ND</b>	12	62		µg/Kg-dry	1	08/14/07 21:36
Fluorene	A	<b>ND</b>	7.2	62		µg/Kg-dry	1	08/14/07 21:36
Indeno[1,2,3cd]pyrene	A	<b>ND</b>	8.4	62		µg/Kg-dry	1	08/14/07 21:36
Naphthalene	A	<b>ND</b>	6.5	62		µg/Kg-dry	1	08/14/07 21:36
Phenanthrene	A	<b>ND</b>	10	62		µg/Kg-dry	1	08/14/07 21:36
Pyrene	A	<b>20</b>	7.5	62	J	µg/Kg-dry	1	08/14/07 21:36
<i>Surr: Nitrobenzene-d5</i>	S	61.6	0	14.2-125		%REC	1	08/14/07 21:36
<i>Surr: 2-Fluorobiphenyl</i>	S	55.6	0	21.6-112		%REC	1	08/14/07 21:36
<i>Surr: Terphenyl-d14</i>	S	83.7	0	10-139		%REC	1	08/14/07 21:36

<b>VOLATILE ORGANICS</b>		Method: <b>SW8260B</b>		Prep Date/Time:			Analyst: <b>JLN</b>	
Acetone	A	<b>ND</b>	12	62		µg/Kg-dry	1	08/16/07 02:17
Acrolein	A	<b>ND</b>	20	120		µg/Kg-dry	1	08/16/07 02:17
Acrylonitrile	A	<b>ND</b>	16	120		µg/Kg-dry	1	08/16/07 02:17
Benzene	A	<b>ND</b>	1.5	6.2		µg/Kg-dry	1	08/16/07 02:17
Bromodichloromethane	A	<b>ND</b>	0.62	6.2		µg/Kg-dry	1	08/16/07 02:17
Bromoform	A	<b>ND</b>	0.86	6.2		µg/Kg-dry	1	08/16/07 02:17
Bromomethane	A	<b>ND</b>	4.4	12		µg/Kg-dry	1	08/16/07 02:17
2-Butanone	A	<b>ND</b>	4.4	12		µg/Kg-dry	1	08/16/07 02:17
Carbon Disulfide	A	<b>ND</b>	2.1	12		µg/Kg-dry	1	08/16/07 02:17
Carbon tetrachloride	A	<b>ND</b>	1.5	6.2		µg/Kg-dry	1	08/16/07 02:17
Chlorobenzene	A	<b>ND</b>	0.74	6.2		µg/Kg-dry	1	08/16/07 02:17
Chloroethane	A	<b>ND</b>	3	12		µg/Kg-dry	1	08/16/07 02:17
Chloroform	A	<b>ND</b>	0.74	6.2		µg/Kg-dry	1	08/16/07 02:17
Chloromethane	A	<b>ND</b>	1.9	12		µg/Kg-dry	1	08/16/07 02:17
Dibromochloromethane	A	<b>ND</b>	0.99	6.2		µg/Kg-dry	1	08/16/07 02:17
1,1-Dichloroethane	A	<b>ND</b>	0.86	6.2		µg/Kg-dry	1	08/16/07 02:17
1,2-Dichloroethane	A	<b>ND</b>	1.5	6.2		µg/Kg-dry	1	08/16/07 02:17
1,1-Dichloroethene	A	<b>ND</b>	1.5	6.2		µg/Kg-dry	1	08/16/07 02:17
cis-1,2-Dichloroethene	A	<b>ND</b>	0.99	6.2		µg/Kg-dry	1	08/16/07 02:17
trans-1,2-Dichloroethene	A	<b>ND</b>	1.2	6.2		µg/Kg-dry	1	08/16/07 02:17
1,2-Dichloropropane	A	<b>ND</b>	1.2	6.2		µg/Kg-dry	1	08/16/07 02:17
cis-1,3-Dichloropropene	A	<b>ND</b>	0.99	6.2		µg/Kg-dry	1	08/16/07 02:17
trans-1,3-Dichloropropene	A	<b>ND</b>	0.86	6.2		µg/Kg-dry	1	08/16/07 02:17
Ethylbenzene	A	<b>1.3</b>	0.86	6.2	J	µg/Kg-dry	1	08/16/07 02:17



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-4							
Sample Description:	2-4'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-07	
						Collection Date:	08/08/07 08:04	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	3	12		µg/Kg-dry	1	08/16/07 02:17
4-Methyl-2-Pentanone	A	ND	2.1	12		µg/Kg-dry	1	08/16/07 02:17
Methyl-t-Butyl Ether	A	ND	0.74	6.2		µg/Kg-dry	1	08/16/07 02:17
Methylene chloride	A	ND	11	25		µg/Kg-dry	1	08/16/07 02:17
Styrene	A	ND	0.99	6.2		µg/Kg-dry	1	08/16/07 02:17
1,1,1,2-Tetrachloroethane	A	ND	0.74	12		µg/Kg-dry	1	08/16/07 02:17
1,1,2,2-Tetrachloroethane	A	ND	1.7	6.2		µg/Kg-dry	1	08/16/07 02:17
Tetrachloroethene	A	ND	2	6.2		µg/Kg-dry	1	08/16/07 02:17
Toluene	A	ND	0.86	6.2		µg/Kg-dry	1	08/16/07 02:17
1,1,1-Trichloroethane	A	ND	1.2	6.2		µg/Kg-dry	1	08/16/07 02:17
1,1,2-Trichloroethane	A	ND	0.99	6.2		µg/Kg-dry	1	08/16/07 02:17
Trichloroethene	A	ND	1.1	6.2		µg/Kg-dry	1	08/16/07 02:17
Trichlorofluoromethane	A	ND	4.2	12		µg/Kg-dry	1	08/16/07 02:17
Vinyl Acetate	A	ND	1.9	12		µg/Kg-dry	1	08/16/07 02:17
Vinyl chloride	A	ND	2.1	12		µg/Kg-dry	1	08/16/07 02:17
m,p-Xylene	A	3.9	2	6.2	J	µg/Kg-dry	1	08/16/07 02:17
o-Xylene	A	ND	1.1	6.2		µg/Kg-dry	1	08/16/07 02:17
Total Xylenes	A	ND	1.1	6.2		µg/Kg-dry	1	08/16/07 02:17
Surr: 4-Bromofluorobenzene	S	91.6	0	48.6-134		%REC	1	08/16/07 02:17
Surr: Dibromofluoromethane	S	99.9	0	70-136		%REC	1	08/16/07 02:17
Surr: 1,2-Dichloroethane-d4	S	112	0	68.6-148		%REC	1	08/16/07 02:17
Surr: Toluene-d8	S	103	0	59.4-155		%REC	1	08/16/07 02:17

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: JLN		
Gasoline Range Organics	A	ND	310	620		µg/Kg-dry	1	08/16/07 02:17
Surr: 4-Bromofluorobenzene	S	91.6	0	48.6-134		%REC	1	08/16/07 02:17

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	19	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-5
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-08  
 Collection Date: 08/08/07 10:46  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	<b>ND</b>	3.4	38		µg/Kg-dry	1	08/18/07 23:44
Aroclor 1221	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/18/07 23:44
Aroclor 1232	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/18/07 23:44
Aroclor 1242	A	<b>ND</b>	2.4	38		µg/Kg-dry	1	08/18/07 23:44
Aroclor 1248	A	<b>ND</b>	4.2	38		µg/Kg-dry	1	08/18/07 23:44
Aroclor 1254	A	<b>190</b>	3.8	38		µg/Kg-dry	1	08/18/07 23:44
Aroclor 1260	A	<b>ND</b>	3.8	38		µg/Kg-dry	1	08/18/07 23:44
Aroclor 1262	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/18/07 23:44
Aroclor 1268	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/18/07 23:44
Total PCB's	A	<b>190</b>	2.4	38		µg/Kg-dry	1	08/18/07 23:44
Surr: Tetrachloro-m-xylene	S	70.1	0	5-165		%REC	1	08/18/07 23:44
Surr: Decachlorobiphenyl	S	30.0	0	5-222		%REC	1	08/18/07 23:44

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/13/07 08:03 Analyst: MLT				
Extended Range Organics	A	<b>69000</b>	2700	2700		mg/Kg-dry	250	08/14/07 14:31
Surr: Decafluorobiphenyl	S	0	0	50-150	SD	%REC	250	08/14/07 14:31

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	<b>5.1</b>	0.1	0.51		mg/Kg-dry	1	08/14/07 10:30
Barium	A	<b>48</b>	0.019	0.10		mg/Kg-dry	1	08/10/07 17:52
Cadmium	A	<b>0.65</b>	0.0061	0.10		mg/Kg-dry	1	08/10/07 17:52
Chromium	A	<b>3.8</b>	0.018	0.15		mg/Kg-dry	1	08/10/07 17:52
Lead	A	<b>130</b>	0.06	0.38		mg/Kg-dry	1	08/10/07 17:52
Selenium	A	<b>ND</b>	0.076	1.5		mg/Kg-dry	1	08/10/07 17:52
Silver	A	<b>ND</b>	0.08	0.51		mg/Kg-dry	1	08/10/07 17:52

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	<b>0.062</b>	0.001	0.047		mg/Kg-dry	1	08/10/07 13:23

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	<b>8800</b>	150	1400		µg/Kg-dry	10	08/14/07 22:01
Acenaphthylene	A	<b>1600</b>	150	1400		µg/Kg-dry	10	08/14/07 22:01
Anthracene	A	<b>5000</b>	210	1400		µg/Kg-dry	10	08/14/07 22:01
Benzo[a]anthracene	A	<b>40000</b>	180	1400		µg/Kg-dry	10	08/14/07 22:01
Benzo[a]pyrene	A	<b>25000</b>	190	1400		µg/Kg-dry	10	08/14/07 22:01
Benzo[b]fluoranthene	A	<b>30000</b>	300	1400		µg/Kg-dry	10	08/14/07 22:01
Benzo[g,h,i]perylene	A	<b>16000</b>	190	1400		µg/Kg-dry	10	08/14/07 22:01



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-5
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-08
	<i>Collection Date:</i> 08/08/07 10:46
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method:	SW8270C			Prep Date/Time:	08/14/07 14:44	Analyst: BEM
Benzo[k]fluoranthene	A	7900	250	1400		µg/Kg-dry	10	08/14/07 22:01
Chrysene	A	130000	850	6800		µg/Kg-dry	50	08/15/07 02:09
Dibenz[a,h]anthracene	A	8500	200	1400		µg/Kg-dry	10	08/14/07 22:01
Fluoranthene	A	15000	260	1400		µg/Kg-dry	10	08/14/07 22:01
Fluorene	A	16000	160	1400		µg/Kg-dry	10	08/14/07 22:01
Indeno[1,2,3cd]pyrene	A	4400	190	1400		µg/Kg-dry	10	08/14/07 22:01
Naphthalene	A	4100	140	1400		µg/Kg-dry	10	08/14/07 22:01
Phenanthrene	A	92000	1100	6800		µg/Kg-dry	50	08/15/07 02:09
Pyrene	A	110000	830	6800		µg/Kg-dry	50	08/15/07 02:09
<i>Surr: Nitrobenzene-d5</i>	S	149	0	14.2-125	SI	%REC	10	08/14/07 22:01
<i>Surr: 2-Fluorobiphenyl</i>	S	31.2	0	21.6-112		%REC	10	08/14/07 22:01
<i>Surr: Terphenyl-d14</i>	S	142	0	10-139	SI	%REC	10	08/14/07 22:01

VOLATILE ORGANICS		Method:	SW8260B			Prep Date/Time:		Analyst: JLN
Acetone	A	220	110	570	J	µg/Kg-dry	10	08/16/07 03:57
Acrolein	A	ND	180	1100		µg/Kg-dry	10	08/16/07 03:57
Acrylonitrile	A	ND	150	1100		µg/Kg-dry	10	08/16/07 03:57
Benzene	A	21	14	57	J	µg/Kg-dry	10	08/16/07 03:57
Bromodichloromethane	A	ND	5.7	57		µg/Kg-dry	10	08/16/07 03:57
Bromoform	A	ND	8	57		µg/Kg-dry	10	08/16/07 03:57
Bromomethane	A	ND	41	110		µg/Kg-dry	10	08/16/07 03:57
2-Butanone	A	ND	41	110		µg/Kg-dry	10	08/16/07 03:57
Carbon Disulfide	A	ND	19	110		µg/Kg-dry	10	08/16/07 03:57
Carbon tetrachloride	A	ND	14	57		µg/Kg-dry	10	08/16/07 03:57
Chlorobenzene	A	ND	6.8	57		µg/Kg-dry	10	08/16/07 03:57
Chloroethane	A	ND	27	110		µg/Kg-dry	10	08/16/07 03:57
Chloroform	A	ND	6.8	57		µg/Kg-dry	10	08/16/07 03:57
Chloromethane	A	ND	17	110		µg/Kg-dry	10	08/16/07 03:57
Dibromochloromethane	A	ND	9.1	57		µg/Kg-dry	10	08/16/07 03:57
1,1-Dichloroethane	A	ND	8	57		µg/Kg-dry	10	08/16/07 03:57
1,2-Dichloroethane	A	ND	14	57		µg/Kg-dry	10	08/16/07 03:57
1,1-Dichloroethene	A	ND	14	57		µg/Kg-dry	10	08/16/07 03:57
cis-1,2-Dichloroethene	A	ND	9.1	57		µg/Kg-dry	10	08/16/07 03:57
trans-1,2-Dichloroethene	A	ND	11	57		µg/Kg-dry	10	08/16/07 03:57
1,2-Dichloropropane	A	ND	11	57		µg/Kg-dry	10	08/16/07 03:57
cis-1,3-Dichloropropene	A	ND	9.1	57		µg/Kg-dry	10	08/16/07 03:57
trans-1,3-Dichloropropene	A	ND	8	57		µg/Kg-dry	10	08/16/07 03:57
Ethylbenzene	A	55	8	57	J	µg/Kg-dry	10	08/16/07 03:57



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-5							
Sample Description:	0-2'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-08	
						Collection Date:	08/08/07 10:46	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	27	110		µg/Kg-dry	10	08/16/07 03:57
4-Methyl-2-Pentanone	A	ND	19	110		µg/Kg-dry	10	08/16/07 03:57
Methyl-t-Butyl Ether	A	ND	6.8	57		µg/Kg-dry	10	08/16/07 03:57
Methylene chloride	A	ND	99	230		µg/Kg-dry	10	08/16/07 03:57
Styrene	A	ND	9.1	57		µg/Kg-dry	10	08/16/07 03:57
1,1,1,2-Tetrachloroethane	A	ND	6.8	110		µg/Kg-dry	10	08/16/07 03:57
1,1,2,2-Tetrachloroethane	A	ND	16	57		µg/Kg-dry	10	08/16/07 03:57
Tetrachloroethene	A	ND	18	57		µg/Kg-dry	10	08/16/07 03:57
Toluene	A	180	8	57		µg/Kg-dry	10	08/16/07 03:57
1,1,1-Trichloroethane	A	ND	11	57		µg/Kg-dry	10	08/16/07 03:57
1,1,2-Trichloroethane	A	ND	9.1	57		µg/Kg-dry	10	08/16/07 03:57
Trichloroethene	A	ND	10	57		µg/Kg-dry	10	08/16/07 03:57
Trichlorofluoromethane	A	ND	39	110		µg/Kg-dry	10	08/16/07 03:57
Vinyl Acetate	A	ND	17	110		µg/Kg-dry	10	08/16/07 03:57
Vinyl chloride	A	ND	19	110		µg/Kg-dry	10	08/16/07 03:57
m,p-Xylene	A	280	18	57		µg/Kg-dry	10	08/16/07 03:57
o-Xylene	A	350	10	57		µg/Kg-dry	10	08/16/07 03:57
Total Xylenes	A	630	10	57		µg/Kg-dry	10	08/16/07 03:57
Surr: 4-Bromofluorobenzene	S	103	0	48.6-134		%REC	10	08/16/07 03:57
Surr: Dibromofluoromethane	S	96.2	0	70-136		%REC	10	08/16/07 03:57
Surr: 1,2-Dichloroethane-d4	S	112	0	68.6-148		%REC	10	08/16/07 03:57
Surr: Toluene-d8	S	112	0	59.4-155		%REC	10	08/16/07 03:57

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: MLT		
Gasoline Range Organics	A	26000	14000	23000		µg/Kg-dry	50	08/16/07 15:46
Surr: 4-Bromofluorobenzene	S	102	0	48.6-134		%REC	50	08/16/07 15:46

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	12	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-5
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-09  
 Collection Date: 08/08/07 10:51  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	ND	4	44		µg/Kg-dry	1	08/19/07 00:17
Aroclor 1221	A	ND	44	44		µg/Kg-dry	1	08/19/07 00:17
Aroclor 1232	A	ND	44	44		µg/Kg-dry	1	08/19/07 00:17
Aroclor 1242	A	ND	2.8	44		µg/Kg-dry	1	08/19/07 00:17
Aroclor 1248	A	ND	4.9	44		µg/Kg-dry	1	08/19/07 00:17
Aroclor 1254	A	180	4.4	44		µg/Kg-dry	1	08/19/07 00:17
Aroclor 1260	A	ND	4.4	44		µg/Kg-dry	1	08/19/07 00:17
Aroclor 1262	A	ND	44	44		µg/Kg-dry	1	08/19/07 00:17
Aroclor 1268	A	ND	44	44		µg/Kg-dry	1	08/19/07 00:17
Total PCB's	A	180	2.8	44		µg/Kg-dry	1	08/19/07 00:17
Surr: Tetrachloro-m-xylene	S	135	0	5-165		%REC	1	08/19/07 00:17
Surr: Decachlorobiphenyl	S	75.1	0	5-222		%REC	1	08/19/07 00:17

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/13/07 08:03 Analyst: ALS				
Extended Range Organics	A	9900	490	490		mg/Kg	50	08/12/07 04:34
Surr: Decafluorobiphenyl	S	0	0	50-150	SD	%REC	50	08/12/07 04:34

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	4.3	0.13	0.67		mg/Kg-dry	1	08/14/07 10:35
Barium	A	20	0.025	0.13		mg/Kg-dry	1	08/10/07 17:58
Cadmium	A	ND	0.008	0.13		mg/Kg-dry	1	08/10/07 17:58
Chromium	A	3.7	0.024	0.20		mg/Kg-dry	1	08/10/07 17:58
Lead	A	52	0.079	0.50		mg/Kg-dry	1	08/10/07 17:58
Selenium	A	ND	0.1	2.0		mg/Kg-dry	1	08/10/07 17:58
Silver	A	ND	0.11	0.67		mg/Kg-dry	1	08/10/07 17:58

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	0.014	0.0012	0.054	J	mg/Kg-dry	1	08/10/07 13:24

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	3900	75	670		µg/Kg-dry	10	08/14/07 22:26
Acenaphthylene	A	630	72	670	J	µg/Kg-dry	10	08/14/07 22:26
Anthracene	A	1300	100	670		µg/Kg-dry	10	08/14/07 22:26
Benzo[a]anthracene	A	14000	89	670		µg/Kg-dry	10	08/14/07 22:26
Benzo[a]pyrene	A	8800	95	670		µg/Kg-dry	10	08/14/07 22:26
Benzo[b]fluoranthene	A	9500	150	670		µg/Kg-dry	10	08/14/07 22:26
Benzo[g,h,i]perylene	A	5300	95	670		µg/Kg-dry	10	08/14/07 22:26



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-5
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-09
	<i>Collection Date:</i> 08/08/07 10:51
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method:	SW8270C			Prep Date/Time:	08/14/07 14:44	Analyst:	BEM
Benzo[k]fluoranthene	A	2100	120	670		µg/Kg-dry	10	08/14/07 22:26	
Chrysene	A	44000	410	3300		µg/Kg-dry	50	08/15/07 14:50	
Dibenz[a,h]anthracene	A	3100	99	670		µg/Kg-dry	10	08/14/07 22:26	
Fluoranthene	A	4500	130	670		µg/Kg-dry	10	08/14/07 22:26	
Fluorene	A	6700	77	670		µg/Kg-dry	10	08/14/07 22:26	
Indeno[1,2,3cd]pyrene	A	1700	91	670		µg/Kg-dry	10	08/14/07 22:26	
Naphthalene	A	440	71	670	J	µg/Kg-dry	10	08/14/07 22:26	
Phenanthrene	A	36000	550	3300		µg/Kg-dry	50	08/15/07 14:50	
Pyrene	A	34000	410	3300		µg/Kg-dry	50	08/15/07 14:50	
Surr: Nitrobenzene-d5	S	83.1	0	14.2-125		%REC	10	08/14/07 22:26	
Surr: 2-Fluorobiphenyl	S	52.1	0	21.6-112		%REC	10	08/14/07 22:26	
Surr: Terphenyl-d14	S	115	0	10-139		%REC	10	08/14/07 22:26	

VOLATILE ORGANICS		Method:	SW8260B			Prep Date/Time:		Analyst:	JLN
Acetone	A	160	130	670	J	µg/Kg-dry	10	08/16/07 04:31	
Acrolein	A	ND	210	1300		µg/Kg-dry	10	08/16/07 04:31	
Acrylonitrile	A	ND	170	1300		µg/Kg-dry	10	08/16/07 04:31	
Benzene	A	ND	16	67		µg/Kg-dry	10	08/16/07 04:31	
Bromodichloromethane	A	ND	6.7	67		µg/Kg-dry	10	08/16/07 04:31	
Bromoform	A	ND	9.3	67		µg/Kg-dry	10	08/16/07 04:31	
Bromomethane	A	ND	48	130		µg/Kg-dry	10	08/16/07 04:31	
2-Butanone	A	ND	48	130		µg/Kg-dry	10	08/16/07 04:31	
Carbon Disulfide	A	ND	23	130		µg/Kg-dry	10	08/16/07 04:31	
Carbon tetrachloride	A	ND	16	67		µg/Kg-dry	10	08/16/07 04:31	
Chlorobenzene	A	ND	8	67		µg/Kg-dry	10	08/16/07 04:31	
Chloroethane	A	ND	32	130		µg/Kg-dry	10	08/16/07 04:31	
Chloroform	A	ND	8	67		µg/Kg-dry	10	08/16/07 04:31	
Chloromethane	A	ND	20	130		µg/Kg-dry	10	08/16/07 04:31	
Dibromochloromethane	A	ND	11	67		µg/Kg-dry	10	08/16/07 04:31	
1,1-Dichloroethane	A	ND	9.3	67		µg/Kg-dry	10	08/16/07 04:31	
1,2-Dichloroethane	A	ND	16	67		µg/Kg-dry	10	08/16/07 04:31	
1,1-Dichloroethene	A	ND	16	67		µg/Kg-dry	10	08/16/07 04:31	
cis-1,2-Dichloroethene	A	ND	11	67		µg/Kg-dry	10	08/16/07 04:31	
trans-1,2-Dichloroethene	A	ND	13	67		µg/Kg-dry	10	08/16/07 04:31	
1,2-Dichloropropane	A	ND	13	67		µg/Kg-dry	10	08/16/07 04:31	
cis-1,3-Dichloropropene	A	ND	11	67		µg/Kg-dry	10	08/16/07 04:31	
trans-1,3-Dichloropropene	A	ND	9.3	67		µg/Kg-dry	10	08/16/07 04:31	
Ethylbenzene	A	81	9.3	67		µg/Kg-dry	10	08/16/07 04:31	



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.
Client Project:	NBD - Gary Airport
Client Sample ID:	B-5
Sample Description:	2-4'
Sample Matrix:	Soil
	Work Order / ID: ME0708349-09
	Collection Date: 08/08/07 10:51
	Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	32	130		µg/Kg-dry	10	08/16/07 04:31
4-Methyl-2-Pentanone	A	ND	23	130		µg/Kg-dry	10	08/16/07 04:31
Methyl-t-Butyl Ether	A	ND	8	67		µg/Kg-dry	10	08/16/07 04:31
Methylene chloride	A	ND	120	270		µg/Kg-dry	10	08/16/07 04:31
Styrene	A	ND	11	67		µg/Kg-dry	10	08/16/07 04:31
1,1,1,2-Tetrachloroethane	A	ND	8	130		µg/Kg-dry	10	08/16/07 04:31
1,1,2,2-Tetrachloroethane	A	ND	19	67		µg/Kg-dry	10	08/16/07 04:31
Tetrachloroethene	A	ND	21	67		µg/Kg-dry	10	08/16/07 04:31
Toluene	A	12	9.3	67	J	µg/Kg-dry	10	08/16/07 04:31
1,1,1-Trichloroethane	A	ND	13	67		µg/Kg-dry	10	08/16/07 04:31
1,1,2-Trichloroethane	A	ND	11	67		µg/Kg-dry	10	08/16/07 04:31
Trichloroethene	A	ND	12	67		µg/Kg-dry	10	08/16/07 04:31
Trichlorofluoromethane	A	ND	45	130		µg/Kg-dry	10	08/16/07 04:31
Vinyl Acetate	A	ND	20	130		µg/Kg-dry	10	08/16/07 04:31
Vinyl chloride	A	ND	23	130		µg/Kg-dry	10	08/16/07 04:31
m,p-Xylene	A	220	21	67		µg/Kg-dry	10	08/16/07 04:31
o-Xylene	A	120	12	67		µg/Kg-dry	10	08/16/07 04:31
Total Xylenes	A	340	12	67		µg/Kg-dry	10	08/16/07 04:31
Surr: 4-Bromofluorobenzene	S	105	0	48.6-134		%REC	10	08/16/07 04:31
Surr: Dibromofluoromethane	S	95.3	0	70-136		%REC	10	08/16/07 04:31
Surr: 1,2-Dichloroethane-d4	S	99.6	0	68.6-148		%REC	10	08/16/07 04:31
Surr: Toluene-d8	S	105	0	59.4-155		%REC	10	08/16/07 04:31

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: MLT		
Gasoline Range Organics	A	27000	17000	27000		µg/Kg-dry	50	08/16/07 16:22
Surr: 4-Bromofluorobenzene	S	100	0	48.6-134		%REC	50	08/16/07 16:22

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	25	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-6
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-10  
 Collection Date: 08/08/07 11:10  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	ND	4.8	52		µg/Kg-dry	1	08/19/07 00:49
Aroclor 1221	A	ND	52	52		µg/Kg-dry	1	08/19/07 00:49
Aroclor 1232	A	ND	52	52		µg/Kg-dry	1	08/19/07 00:49
Aroclor 1242	A	ND	3.3	52		µg/Kg-dry	1	08/19/07 00:49
Aroclor 1248	A	ND	5.9	52		µg/Kg-dry	1	08/19/07 00:49
Aroclor 1254	A	410	5.2	52		µg/Kg-dry	1	08/19/07 00:49
Aroclor 1260	A	ND	5.2	52		µg/Kg-dry	1	08/19/07 00:49
Aroclor 1262	A	ND	52	52		µg/Kg-dry	1	08/19/07 00:49
Aroclor 1268	A	ND	52	52		µg/Kg-dry	1	08/19/07 00:49
Total PCB's	A	410	3.3	52		µg/Kg-dry	1	08/19/07 00:49
Surr: Tetrachloro-m-xylene	S	105	0	5-165		%REC	1	08/19/07 00:49
Surr: Decachlorobiphenyl	S	35.0	0	5-222		%REC	1	08/19/07 00:49

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/13/07 08:03 Analyst: ALS				
Extended Range Organics	A	14000	470	470		mg/Kg	50	08/12/07 05:14
Surr: Decafluorobiphenyl	S	0	0	50-150	SD	%REC	50	08/12/07 05:14

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	5.9	0.16	0.79		mg/Kg-dry	1	08/14/07 10:41
Barium	A	52	0.03	0.16		mg/Kg-dry	1	08/10/07 18:03
Cadmium	A	0.86	0.0094	0.16		mg/Kg-dry	1	08/10/07 18:03
Chromium	A	6.2	0.028	0.24	b	mg/Kg-dry	1	08/10/07 18:03
Lead	A	190	0.093	0.59		mg/Kg-dry	1	08/10/07 18:03
Selenium	A	ND	0.12	2.4		mg/Kg-dry	1	08/10/07 18:03
Silver	A	ND	0.12	0.79		mg/Kg-dry	1	08/10/07 18:03

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	0.29	0.0014	0.065		mg/Kg-dry	1	08/10/07 13:25

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	3700	89	790		µg/Kg-dry	10	08/14/07 22:50
Acenaphthylene	A	620	86	790	J	µg/Kg-dry	10	08/14/07 22:50
Anthracene	A	8100	120	790		µg/Kg-dry	10	08/14/07 22:50
Benzo[a]anthracene	A	64000	1100	7900		µg/Kg-dry	100	08/15/07 15:15
Benzo[a]pyrene	A	23000	110	790		µg/Kg-dry	10	08/14/07 22:50
Benzo[b]fluoranthene	A	25000	170	790		µg/Kg-dry	10	08/14/07 22:50
Benzo[g,h,i]perylene	A	14000	110	790		µg/Kg-dry	10	08/14/07 22:50



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-6
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-10
	<i>Collection Date:</i> 08/08/07 11:10
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method:	SW8270C		Prep Date/Time:	08/14/07 14:44	Analyst:	BEM
Benzo[k]fluoranthene	A	6900	150	790		µg/Kg-dry	10	08/14/07 22:50
Chrysene	A	180000	980	7900		µg/Kg-dry	100	08/15/07 15:15
Dibenz[a,h]anthracene	A	9800	120	790		µg/Kg-dry	10	08/14/07 22:50
Fluoranthene	A	39000	1500	7900		µg/Kg-dry	100	08/15/07 15:15
Fluorene	A	16000	92	790		µg/Kg-dry	10	08/14/07 22:50
Indeno[1,2,3cd]pyrene	A	5700	110	790		µg/Kg-dry	10	08/14/07 22:50
Naphthalene	A	2900	84	790		µg/Kg-dry	10	08/14/07 22:50
Phenanthrene	A	200000	1300	7900		µg/Kg-dry	100	08/15/07 15:15
Pyrene	A	150000	970	7900		µg/Kg-dry	100	08/15/07 15:15
<i>Surr: Nitrobenzene-d5</i>	S	91.1	0	14.2-125		%REC	10	08/14/07 22:50
<i>Surr: 2-Fluorobiphenyl</i>	S	23.0	0	21.6-112		%REC	10	08/14/07 22:50
<i>Surr: Terphenyl-d14</i>	S	132	0	10-139		%REC	10	08/14/07 22:50

VOLATILE ORGANICS		Method:	SW8260B		Prep Date/Time:		Analyst:	JLN
Acetone	A	610	150	790	J	µg/Kg-dry	10	08/16/07 05:04
Acrolein	A	ND	250	1600		µg/Kg-dry	10	08/16/07 05:04
Acrylonitrile	A	ND	210	1600		µg/Kg-dry	10	08/16/07 05:04
Benzene	A	48	19	79	J	µg/Kg-dry	10	08/16/07 05:04
Bromodichloromethane	A	ND	7.9	79		µg/Kg-dry	10	08/16/07 05:04
Bromoform	A	ND	11	79		µg/Kg-dry	10	08/16/07 05:04
Bromomethane	A	ND	57	160		µg/Kg-dry	10	08/16/07 05:04
2-Butanone	A	ND	57	160		µg/Kg-dry	10	08/16/07 05:04
Carbon Disulfide	A	ND	27	160		µg/Kg-dry	10	08/16/07 05:04
Carbon tetrachloride	A	ND	19	79		µg/Kg-dry	10	08/16/07 05:04
Chlorobenzene	A	ND	9.5	79		µg/Kg-dry	10	08/16/07 05:04
Chloroethane	A	ND	38	160		µg/Kg-dry	10	08/16/07 05:04
Chloroform	A	ND	9.5	79		µg/Kg-dry	10	08/16/07 05:04
Chloromethane	A	ND	24	160		µg/Kg-dry	10	08/16/07 05:04
Dibromochloromethane	A	ND	13	79		µg/Kg-dry	10	08/16/07 05:04
1,1-Dichloroethane	A	ND	11	79		µg/Kg-dry	10	08/16/07 05:04
1,2-Dichloroethane	A	ND	19	79		µg/Kg-dry	10	08/16/07 05:04
1,1-Dichloroethene	A	ND	19	79		µg/Kg-dry	10	08/16/07 05:04
cis-1,2-Dichloroethene	A	ND	13	79		µg/Kg-dry	10	08/16/07 05:04
trans-1,2-Dichloroethene	A	ND	16	79		µg/Kg-dry	10	08/16/07 05:04
1,2-Dichloropropane	A	ND	16	79		µg/Kg-dry	10	08/16/07 05:04
cis-1,3-Dichloropropene	A	ND	13	79		µg/Kg-dry	10	08/16/07 05:04
trans-1,3-Dichloropropene	A	ND	11	79		µg/Kg-dry	10	08/16/07 05:04
Ethylbenzene	A	220	11	79		µg/Kg-dry	10	08/16/07 05:04



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-6							
Sample Description:	0-2'							
Sample Matrix:	Soil							
Work Order / ID:	ME0708349-10							
Collection Date:	08/08/07 11:10							
Date Received:	08/08/07 16:30							

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	38	160		µg/Kg-dry	10	08/16/07 05:04
4-Methyl-2-Pentanone	A	ND	27	160		µg/Kg-dry	10	08/16/07 05:04
Methyl-t-Butyl Ether	A	ND	9.5	79		µg/Kg-dry	10	08/16/07 05:04
Methylene chloride	A	ND	140	320		µg/Kg-dry	10	08/16/07 05:04
Styrene	A	ND	13	79		µg/Kg-dry	10	08/16/07 05:04
1,1,1,2-Tetrachloroethane	A	ND	9.5	160		µg/Kg-dry	10	08/16/07 05:04
1,1,2,2-Tetrachloroethane	A	ND	22	79		µg/Kg-dry	10	08/16/07 05:04
Tetrachloroethene	A	ND	25	79		µg/Kg-dry	10	08/16/07 05:04
Toluene	A	90	11	79		µg/Kg-dry	10	08/16/07 05:04
1,1,1-Trichloroethane	A	ND	16	79		µg/Kg-dry	10	08/16/07 05:04
1,1,2-Trichloroethane	A	ND	13	79		µg/Kg-dry	10	08/16/07 05:04
Trichloroethene	A	ND	14	79		µg/Kg-dry	10	08/16/07 05:04
Trichlorofluoromethane	A	ND	54	160		µg/Kg-dry	10	08/16/07 05:04
Vinyl Acetate	A	ND	24	160		µg/Kg-dry	10	08/16/07 05:04
Vinyl chloride	A	ND	27	160		µg/Kg-dry	10	08/16/07 05:04
m,p-Xylene	A	540	25	79		µg/Kg-dry	10	08/16/07 05:04
o-Xylene	A	470	14	79		µg/Kg-dry	10	08/16/07 05:04
Total Xylenes	A	1000	14	79		µg/Kg-dry	10	08/16/07 05:04
Surr: 4-Bromofluorobenzene	S	174	0	48.6-134	SI	%REC	10	08/16/07 05:04
Surr: Dibromofluoromethane	S	97.5	0	70-136		%REC	10	08/16/07 05:04
Surr: 1,2-Dichloroethane-d4	S	108	0	68.6-148		%REC	10	08/16/07 05:04
Surr: Toluene-d8	S	111	0	59.4-155		%REC	10	08/16/07 05:04

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: MLT		
Gasoline Range Organics	A	160000	40000	79000		µg/Kg-dry	100	08/16/07 13:21
Surr: 4-Bromofluorobenzene	S	103	0	48.6-134		%REC	100	08/16/07 13:21

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	37	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-6
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-11  
 Collection Date: 08/08/07 11:13  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	ND	3.6	39		µg/Kg-dry	1	08/17/07 23:12
Aroclor 1221	A	ND	39	39		µg/Kg-dry	1	08/17/07 23:12
Aroclor 1232	A	ND	39	39		µg/Kg-dry	1	08/17/07 23:12
Aroclor 1242	A	ND	2.5	39		µg/Kg-dry	1	08/17/07 23:12
Aroclor 1248	A	ND	4.4	39		µg/Kg-dry	1	08/17/07 23:12
Aroclor 1254	A	78	3.9	39		µg/Kg-dry	1	08/17/07 23:12
Aroclor 1260	A	ND	3.9	39		µg/Kg-dry	1	08/17/07 23:12
Aroclor 1262	A	ND	39	39		µg/Kg-dry	1	08/17/07 23:12
Aroclor 1268	A	ND	39	39		µg/Kg-dry	1	08/17/07 23:12
Total PCB's	A	78	2.5	39		µg/Kg-dry	1	08/17/07 23:12
Surr: Tetrachloro-m-xylene	S	465	0	5-165	S	%REC	1	08/17/07 23:12
Surr: Decachlorobiphenyl	S	35.0	0	5-222		%REC	1	08/17/07 23:12

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/13/07 08:03 Analyst: ALS				
Extended Range Organics	A	11000	480	480		mg/Kg	50	08/12/07 05:54
Surr: Decafluorobiphenyl	S	0	0	50-150	SD	%REC	50	08/12/07 05:54

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	1.6	0.11	0.56		mg/Kg-dry	1	08/14/07 10:46
Barium	A	4.8	0.021	0.11		mg/Kg-dry	1	08/10/07 18:08
Cadmium	A	ND	0.0067	0.11		mg/Kg-dry	1	08/10/07 18:08
Chromium	A	2.8	0.02	0.17		mg/Kg-dry	1	08/10/07 18:08
Lead	A	3.9	0.066	0.42		mg/Kg-dry	1	08/10/07 18:08
Selenium	A	ND	0.083	1.7		mg/Kg-dry	1	08/10/07 18:08
Silver	A	ND	0.088	0.56		mg/Kg-dry	1	08/10/07 18:08

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	0.0038	0.0011	0.049	J	mg/Kg-dry	1	08/10/07 13:27

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	4000	80	710		µg/Kg-dry	10	08/14/07 23:15
Acenaphthylene	A	430	77	710	J	µg/Kg-dry	10	08/14/07 23:15
Anthracene	A	10000	110	710		µg/Kg-dry	10	08/14/07 23:15
Benzo[a]anthracene	A	52000	960	7100		µg/Kg-dry	100	08/15/07 15:41
Benzo[a]pyrene	A	16000	100	710		µg/Kg-dry	10	08/14/07 23:15
Benzo[b]fluoranthene	A	16000	160	710		µg/Kg-dry	10	08/14/07 23:15
Benzo[g,h,i]perylene	A	7600	100	710		µg/Kg-dry	10	08/14/07 23:15



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-6
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-11
	<i>Collection Date:</i> 08/08/07 11:13
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method:	SW8270C			Prep Date/Time:	08/14/07 14:44	Analyst: BEM
Benzo[k]fluoranthene	A	4600	130	710		µg/Kg-dry	10	08/14/07 23:15
Chrysene	A	87000	890	7100		µg/Kg-dry	100	08/15/07 15:41
Dibenz[a,h]anthracene	A	4000	110	710		µg/Kg-dry	10	08/14/07 23:15
Fluoranthene	A	44000	1400	7100		µg/Kg-dry	100	08/15/07 15:41
Fluorene	A	36000	830	7100		µg/Kg-dry	100	08/15/07 15:41
Indeno[1,2,3cd]pyrene	A	3400	97	710		µg/Kg-dry	10	08/14/07 23:15
Naphthalene	A	450	76	710	J	µg/Kg-dry	10	08/14/07 23:15
Phenanthrene	A	740000	5900	36000		µg/Kg-dry	500	08/15/07 17:51
Pyrene	A	130000	870	7100		µg/Kg-dry	100	08/15/07 15:41
Surr: Nitrobenzene-d5	S	166	0	14.2-125	SI	%REC	10	08/14/07 23:15
Surr: 2-Fluorobiphenyl	S	74.5	0	21.6-112		%REC	10	08/14/07 23:15
Surr: Terphenyl-d14	S	252	0	10-139	SI	%REC	10	08/14/07 23:15

VOLATILE ORGANICS		Method:	SW8260B			Prep Date/Time:		Analyst: JLN
Acetone	A	140	110	600	J	µg/Kg-dry	10	08/16/07 05:37
Acrolein	A	ND	190	1200		µg/Kg-dry	10	08/16/07 05:37
Acrylonitrile	A	ND	150	1200		µg/Kg-dry	10	08/16/07 05:37
Benzene	A	60	14	60	J	µg/Kg-dry	10	08/16/07 05:37
Bromodichloromethane	A	ND	6	60		µg/Kg-dry	10	08/16/07 05:37
Bromoform	A	ND	8.3	60		µg/Kg-dry	10	08/16/07 05:37
Bromomethane	A	ND	43	120		µg/Kg-dry	10	08/16/07 05:37
2-Butanone	A	ND	43	120		µg/Kg-dry	10	08/16/07 05:37
Carbon Disulfide	A	ND	20	120		µg/Kg-dry	10	08/16/07 05:37
Carbon tetrachloride	A	ND	14	60		µg/Kg-dry	10	08/16/07 05:37
Chlorobenzene	A	ND	7.1	60		µg/Kg-dry	10	08/16/07 05:37
Chloroethane	A	ND	29	120		µg/Kg-dry	10	08/16/07 05:37
Chloroform	A	ND	7.1	60		µg/Kg-dry	10	08/16/07 05:37
Chloromethane	A	ND	18	120		µg/Kg-dry	10	08/16/07 05:37
Dibromochloromethane	A	ND	9.5	60		µg/Kg-dry	10	08/16/07 05:37
1,1-Dichloroethane	A	ND	8.3	60		µg/Kg-dry	10	08/16/07 05:37
1,2-Dichloroethane	A	ND	14	60		µg/Kg-dry	10	08/16/07 05:37
1,1-Dichloroethene	A	ND	14	60		µg/Kg-dry	10	08/16/07 05:37
cis-1,2-Dichloroethene	A	ND	9.5	60		µg/Kg-dry	10	08/16/07 05:37
trans-1,2-Dichloroethene	A	ND	12	60		µg/Kg-dry	10	08/16/07 05:37
1,2-Dichloropropane	A	ND	12	60		µg/Kg-dry	10	08/16/07 05:37
cis-1,3-Dichloropropene	A	ND	9.5	60		µg/Kg-dry	10	08/16/07 05:37
trans-1,3-Dichloropropene	A	ND	8.3	60		µg/Kg-dry	10	08/16/07 05:37
Ethylbenzene	A	210	8.3	60		µg/Kg-dry	10	08/16/07 05:37



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-6							
Sample Description:	2-4'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-11	
						Collection Date:	08/08/07 11:13	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	29	120		µg/Kg-dry	10	08/16/07 05:37
4-Methyl-2-Pentanone	A	ND	20	120		µg/Kg-dry	10	08/16/07 05:37
Methyl-t-Butyl Ether	A	ND	7.1	60		µg/Kg-dry	10	08/16/07 05:37
Methylene chloride	A	ND	100	240		µg/Kg-dry	10	08/16/07 05:37
Styrene	A	ND	9.5	60		µg/Kg-dry	10	08/16/07 05:37
1,1,1,2-Tetrachloroethane	A	ND	7.1	120		µg/Kg-dry	10	08/16/07 05:37
1,1,2,2-Tetrachloroethane	A	ND	17	60		µg/Kg-dry	10	08/16/07 05:37
Tetrachloroethene	A	ND	19	60		µg/Kg-dry	10	08/16/07 05:37
Toluene	A	46	8.3	60	J	µg/Kg-dry	10	08/16/07 05:37
1,1,1-Trichloroethane	A	ND	12	60		µg/Kg-dry	10	08/16/07 05:37
1,1,2-Trichloroethane	A	ND	9.5	60		µg/Kg-dry	10	08/16/07 05:37
Trichloroethene	A	ND	11	60		µg/Kg-dry	10	08/16/07 05:37
Trichlorofluoromethane	A	ND	40	120		µg/Kg-dry	10	08/16/07 05:37
Vinyl Acetate	A	ND	18	120		µg/Kg-dry	10	08/16/07 05:37
Vinyl chloride	A	ND	20	120		µg/Kg-dry	10	08/16/07 05:37
m,p-Xylene	A	500	19	60		µg/Kg-dry	10	08/16/07 05:37
o-Xylene	A	220	11	60		µg/Kg-dry	10	08/16/07 05:37
Total Xylenes	A	720	11	60		µg/Kg-dry	10	08/16/07 05:37
Surr: 4-Bromofluorobenzene	S	255	0	48.6-134	SI	%REC	10	08/16/07 05:37
Surr: Dibromofluoromethane	S	91.6	0	70-136		%REC	10	08/16/07 05:37
Surr: 1,2-Dichloroethane-d4	S	113	0	68.6-148		%REC	10	08/16/07 05:37
Surr: Toluene-d8	S	109	0	59.4-155		%REC	10	08/16/07 05:37

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: MLT		
Gasoline Range Organics	A	250000	30000	60000		µg/Kg-dry	100	08/16/07 13:58
Surr: 4-Bromofluorobenzene	S	112	0	48.6-134		%REC	100	08/16/07 13:58

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	16	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-7
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708349-12  
 Collection Date: 08/08/07 14:12  
 Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30				Analyst: ALS
Aroclor 1016	A	<b>ND</b>	3.5	38		µg/Kg-dry	1	08/17/07 23:45
Aroclor 1221	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/17/07 23:45
Aroclor 1232	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/17/07 23:45
Aroclor 1242	A	<b>ND</b>	2.4	38		µg/Kg-dry	1	08/17/07 23:45
Aroclor 1248	A	<b>ND</b>	4.3	38		µg/Kg-dry	1	08/17/07 23:45
Aroclor 1254	A	<b>ND</b>	3.8	38		µg/Kg-dry	1	08/17/07 23:45
Aroclor 1260	A	<b>ND</b>	3.8	38		µg/Kg-dry	1	08/17/07 23:45
Aroclor 1262	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/17/07 23:45
Aroclor 1268	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/17/07 23:45
Total PCB's	A	<b>ND</b>	2.4	38		µg/Kg-dry	1	08/17/07 23:45
Surr: Tetrachloro-m-xylene	S	80.1	0	5-165		%REC	1	08/17/07 23:45
Surr: Decachlorobiphenyl	S	75.1	0	5-222		%REC	1	08/17/07 23:45

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/13/07 08:03				Analyst: ALS
Extended Range Organics	A	<b>ND</b>	9.7	9.7		mg/Kg	1	08/11/07 12:31
Surr: Decafluorobiphenyl	S	89.0	0	50-150		%REC	1	08/11/07 12:31

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30				Analyst: AVC
Arsenic	A	<b>2.0</b>	0.11	0.56		mg/Kg-dry	1	08/14/07 10:52
Barium	A	<b>15</b>	0.021	0.11		mg/Kg-dry	1	08/10/07 18:14
Cadmium	A	<b>0.017</b>	0.0068	0.11	J	mg/Kg-dry	1	08/10/07 18:14
Chromium	A	<b>4.5</b>	0.02	0.17		mg/Kg-dry	1	08/10/07 18:14
Lead	A	<b>17</b>	0.067	0.42		mg/Kg-dry	1	08/10/07 18:14
Selenium	A	<b>ND</b>	0.085	1.7		mg/Kg-dry	1	08/10/07 18:14
Silver	A	<b>ND</b>	0.089	0.56		mg/Kg-dry	1	08/10/07 18:14

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00				Analyst: AVC
Mercury	A	<b>0.070</b>	0.00098	0.045		mg/Kg-dry	1	08/10/07 13:31

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44				Analyst: BEM
Acenaphthene	A	<b>ND</b>	6.5	58		µg/Kg-dry	1	08/14/07 23:40
Acenaphthylene	A	<b>ND</b>	6.3	58		µg/Kg-dry	1	08/14/07 23:40
Anthracene	A	<b>34</b>	9.1	58	J	µg/Kg-dry	1	08/14/07 23:40
Benzo[a]anthracene	A	<b>330</b>	7.8	58		µg/Kg-dry	1	08/14/07 23:40
Benzo[a]pyrene	A	<b>490</b>	8.3	58		µg/Kg-dry	1	08/14/07 23:40
Benzo[b]fluoranthene	A	<b>310</b>	13	58		µg/Kg-dry	1	08/14/07 23:40
Benzo[g,h,i]perylene	A	<b>450</b>	8.3	58		µg/Kg-dry	1	08/14/07 23:40



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-7
<i>Sample Description:</i>	0-2'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-12
	<i>Collection Date:</i> 08/08/07 14:12
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Benzo[k]fluoranthene	A	67	11	58		µg/Kg-dry	1	08/14/07 23:40
Chrysene	A	530	7.2	58		µg/Kg-dry	1	08/14/07 23:40
Dibenz[a,h]anthracene	A	330	8.6	58		µg/Kg-dry	1	08/14/07 23:40
Fluoranthene	A	72	11	58		µg/Kg-dry	1	08/14/07 23:40
Fluorene	A	8.1	6.7	58	J	µg/Kg-dry	1	08/14/07 23:40
Indeno[1,2,3cd]pyrene	A	180	7.9	58		µg/Kg-dry	1	08/14/07 23:40
Naphthalene	A	24	6.2	58	J	µg/Kg-dry	1	08/14/07 23:40
Phenanthrene	A	300	9.7	58		µg/Kg-dry	1	08/14/07 23:40
Pyrene	A	320	7.1	58		µg/Kg-dry	1	08/14/07 23:40
Surr: Nitrobenzene-d5	S	57.2	0	14.2-125		%REC	1	08/14/07 23:40
Surr: 2-Fluorobiphenyl	S	57.2	0	21.6-112		%REC	1	08/14/07 23:40
Surr: Terphenyl-d14	S	82.2	0	10-139		%REC	1	08/14/07 23:40

VOLATILE ORGANICS	Method: SW8260B			Prep Date/Time:			Analyst: JLN	
Acetone	A	ND	11	58		µg/Kg-dry	1	08/16/07 02:50
Acrolein	A	ND	18	120		µg/Kg-dry	1	08/16/07 02:50
Acrylonitrile	A	ND	15	120		µg/Kg-dry	1	08/16/07 02:50
Benzene	A	ND	1.4	5.8		µg/Kg-dry	1	08/16/07 02:50
Bromodichloromethane	A	ND	0.58	5.8		µg/Kg-dry	1	08/16/07 02:50
Bromoform	A	ND	0.81	5.8		µg/Kg-dry	1	08/16/07 02:50
Bromomethane	A	ND	4.2	12		µg/Kg-dry	1	08/16/07 02:50
2-Butanone	A	ND	4.2	12		µg/Kg-dry	1	08/16/07 02:50
Carbon Disulfide	A	ND	2	12		µg/Kg-dry	1	08/16/07 02:50
Carbon tetrachloride	A	ND	1.4	5.8		µg/Kg-dry	1	08/16/07 02:50
Chlorobenzene	A	ND	0.7	5.8		µg/Kg-dry	1	08/16/07 02:50
Chloroethane	A	ND	2.8	12		µg/Kg-dry	1	08/16/07 02:50
Chloroform	A	ND	0.7	5.8		µg/Kg-dry	1	08/16/07 02:50
Chloromethane	A	ND	1.7	12		µg/Kg-dry	1	08/16/07 02:50
Dibromochloromethane	A	ND	0.93	5.8		µg/Kg-dry	1	08/16/07 02:50
1,1-Dichloroethane	A	ND	0.81	5.8		µg/Kg-dry	1	08/16/07 02:50
1,2-Dichloroethane	A	ND	1.4	5.8		µg/Kg-dry	1	08/16/07 02:50
1,1-Dichloroethene	A	ND	1.4	5.8		µg/Kg-dry	1	08/16/07 02:50
cis-1,2-Dichloroethene	A	ND	0.93	5.8		µg/Kg-dry	1	08/16/07 02:50
trans-1,2-Dichloroethene	A	ND	1.2	5.8		µg/Kg-dry	1	08/16/07 02:50
1,2-Dichloropropane	A	ND	1.2	5.8		µg/Kg-dry	1	08/16/07 02:50
cis-1,3-Dichloropropene	A	ND	0.93	5.8		µg/Kg-dry	1	08/16/07 02:50
trans-1,3-Dichloropropene	A	ND	0.81	5.8		µg/Kg-dry	1	08/16/07 02:50
Ethylbenzene	A	ND	0.81	5.8		µg/Kg-dry	1	08/16/07 02:50



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-7							
Sample Description:	0-2'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-12	
						Collection Date:	08/08/07 14:12	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	2.8	12		µg/Kg-dry	1	08/16/07 02:50
4-Methyl-2-Pentanone	A	ND	2	12		µg/Kg-dry	1	08/16/07 02:50
Methyl-t-Butyl Ether	A	ND	0.7	5.8		µg/Kg-dry	1	08/16/07 02:50
Methylene chloride	A	ND	10	23		µg/Kg-dry	1	08/16/07 02:50
Styrene	A	ND	0.93	5.8		µg/Kg-dry	1	08/16/07 02:50
1,1,1,2-Tetrachloroethane	A	ND	0.7	12		µg/Kg-dry	1	08/16/07 02:50
1,1,2,2-Tetrachloroethane	A	ND	1.6	5.8		µg/Kg-dry	1	08/16/07 02:50
Tetrachloroethene	A	ND	1.9	5.8		µg/Kg-dry	1	08/16/07 02:50
Toluene	A	ND	0.81	5.8		µg/Kg-dry	1	08/16/07 02:50
1,1,1-Trichloroethane	A	ND	1.2	5.8		µg/Kg-dry	1	08/16/07 02:50
1,1,2-Trichloroethane	A	ND	0.93	5.8		µg/Kg-dry	1	08/16/07 02:50
Trichloroethene	A	ND	1	5.8		µg/Kg-dry	1	08/16/07 02:50
Trichlorofluoromethane	A	ND	4	12		µg/Kg-dry	1	08/16/07 02:50
Vinyl Acetate	A	ND	1.7	12		µg/Kg-dry	1	08/16/07 02:50
Vinyl chloride	A	ND	2	12		µg/Kg-dry	1	08/16/07 02:50
m,p-Xylene	A	2.7	1.9	5.8	J	µg/Kg-dry	1	08/16/07 02:50
o-Xylene	A	ND	1	5.8		µg/Kg-dry	1	08/16/07 02:50
Total Xylenes	A	ND	1	5.8		µg/Kg-dry	1	08/16/07 02:50
Surr: 4-Bromofluorobenzene	S	91.1	0	48.6-134		%REC	1	08/16/07 02:50
Surr: Dibromofluoromethane	S	104	0	70-136		%REC	1	08/16/07 02:50
Surr: 1,2-Dichloroethane-d4	S	106	0	68.6-148		%REC	1	08/16/07 02:50
Surr: Toluene-d8	S	106	0	59.4-155		%REC	1	08/16/07 02:50

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: JLN		
Gasoline Range Organics	A	ND	290	580		µg/Kg-dry	1	08/16/07 02:50
Surr: 4-Bromofluorobenzene	S	91.1	0	48.6-134		%REC	1	08/16/07 02:50

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	14	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-7
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-13
	<i>Collection Date:</i> 08/08/07 14:19
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30				Analyst: ALS
Aroclor 1016	A	<b>ND</b>	4.8	53		µg/Kg-dry	1	08/18/07 00:17
Aroclor 1221	A	<b>ND</b>	53	53		µg/Kg-dry	1	08/18/07 00:17
Aroclor 1232	A	<b>ND</b>	53	53		µg/Kg-dry	1	08/18/07 00:17
Aroclor 1242	A	<b>ND</b>	3.4	53		µg/Kg-dry	1	08/18/07 00:17
Aroclor 1248	A	<b>ND</b>	6	53		µg/Kg-dry	1	08/18/07 00:17
Aroclor 1254	A	<b>ND</b>	5.3	53		µg/Kg-dry	1	08/18/07 00:17
Aroclor 1260	A	<b>ND</b>	5.3	53		µg/Kg-dry	1	08/18/07 00:17
Aroclor 1262	A	<b>ND</b>	53	53		µg/Kg-dry	1	08/18/07 00:17
Aroclor 1268	A	<b>ND</b>	53	53		µg/Kg-dry	1	08/18/07 00:17
Total PCB's	A	<b>ND</b>	3.4	53		µg/Kg-dry	1	08/18/07 00:17
Surr: Tetrachloro-m-xylene	S	80.1	0	5-165		%REC	1	08/18/07 00:17
Surr: Decachlorobiphenyl	S	75.1	0	5-222		%REC	1	08/18/07 00:17

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/13/07 08:03				Analyst: ALS
Extended Range Organics	A	<b>ND</b>	9.5	9.5		mg/Kg	1	08/11/07 13:11
Surr: Decafluorobiphenyl	S	87.3	0	50-150		%REC	1	08/11/07 13:11

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30				Analyst: AVC
Arsenic	A	<b>9.5</b>	0.14	0.72		mg/Kg-dry	1	08/14/07 10:57
Barium	A	<b>18</b>	0.027	0.14		mg/Kg-dry	1	08/10/07 18:19
Cadmium	A	<b>0.13</b>	0.0086	0.14	J	mg/Kg-dry	1	08/10/07 18:19
Chromium	A	<b>3.5</b>	0.026	0.22	b	mg/Kg-dry	1	08/10/07 18:19
Lead	A	<b>18</b>	0.085	0.54		mg/Kg-dry	1	08/10/07 18:19
Selenium	A	<b>ND</b>	0.11	2.2		mg/Kg-dry	1	08/10/07 18:19
Silver	A	<b>ND</b>	0.11	0.72		mg/Kg-dry	1	08/10/07 18:19

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00				Analyst: AVC
Mercury	A	<b>0.016</b>	0.0013	0.060	J	mg/Kg-dry	1	08/10/07 13:33

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44				Analyst: BEM
Acenaphthene	A	<b>ND</b>	9	81		µg/Kg-dry	1	08/15/07 00:04
Acenaphthylene	A	<b>ND</b>	8.7	81		µg/Kg-dry	1	08/15/07 00:04
Anthracene	A	<b>110</b>	13	81		µg/Kg-dry	1	08/15/07 00:04
Benzo[a]anthracene	A	<b>59</b>	11	81	J	µg/Kg-dry	1	08/15/07 00:04
Benzo[a]pyrene	A	<b>27</b>	11	81	J	µg/Kg-dry	1	08/15/07 00:04
Benzo[b]fluoranthene	A	<b>35</b>	18	81	J	µg/Kg-dry	1	08/15/07 00:04
Benzo[g,h,i]perylene	A	<b>42</b>	11	81	J	µg/Kg-dry	1	08/15/07 00:04

**ANALYTICAL RESULTS****Date:** Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	B-7
<i>Sample Description:</i>	2-4'
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-13
	<i>Collection Date:</i> 08/08/07 14:19
	<i>Date Received:</i> 08/08/07 16:30

<b>Analyses</b>	<b>ST</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Analyzed</b>
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<b>PAH BY GC/MS-SIM</b>		Method: <b>SW8270C</b>		Prep Date/Time: <b>08/14/07 14:44</b> Analyst: <b>BEM</b>				
Benzo[k]fluoranthene	A	<b>ND</b>	15	81		µg/Kg-dry	1	08/15/07 00:04
Chrysene	A	<b>97</b>	10	81		µg/Kg-dry	1	08/15/07 00:04
Dibenz[a,h]anthracene	A	<b>ND</b>	12	81		µg/Kg-dry	1	08/15/07 00:04
Fluoranthene	A	<b>35</b>	15	81	J	µg/Kg-dry	1	08/15/07 00:04
Fluorene	A	<b>12</b>	9.4	81	J	µg/Kg-dry	1	08/15/07 00:04
Indeno[1,2,3cd]pyrene	A	<b>13</b>	11	81	J	µg/Kg-dry	1	08/15/07 00:04
Naphthalene	A	<b>9.1</b>	8.5	81	J	µg/Kg-dry	1	08/15/07 00:04
Phenanthrene	A	<b>120</b>	13	81		µg/Kg-dry	1	08/15/07 00:04
Pyrene	A	<b>130</b>	9.8	81		µg/Kg-dry	1	08/15/07 00:04
<i>Surr: Nitrobenzene-d5</i>	S	49.6	0	14.2-125		%REC	1	08/15/07 00:04
<i>Surr: 2-Fluorobiphenyl</i>	S	51.9	0	21.6-112		%REC	1	08/15/07 00:04
<i>Surr: Terphenyl-d14</i>	S	80.9	0	10-139		%REC	1	08/15/07 00:04

<b>VOLATILE ORGANICS</b>		Method: <b>SW8260B</b>		Prep Date/Time:			Analyst: <b>JLN</b>	
Acetone	A	<b>130</b>	15	81		µg/Kg-dry	1	08/16/07 03:24
Acrolein	A	<b>ND</b>	25	160		µg/Kg-dry	1	08/16/07 03:24
Acrylonitrile	A	<b>ND</b>	21	160		µg/Kg-dry	1	08/16/07 03:24
Benzene	A	<b>ND</b>	1.9	8.1		µg/Kg-dry	1	08/16/07 03:24
Bromodichloromethane	A	<b>ND</b>	0.81	8.1		µg/Kg-dry	1	08/16/07 03:24
Bromoform	A	<b>ND</b>	1.1	8.1		µg/Kg-dry	1	08/16/07 03:24
Bromomethane	A	<b>ND</b>	5.8	16		µg/Kg-dry	1	08/16/07 03:24
2-Butanone	A	<b>ND</b>	5.8	16		µg/Kg-dry	1	08/16/07 03:24
Carbon Disulfide	A	<b>ND</b>	2.7	16		µg/Kg-dry	1	08/16/07 03:24
Carbon tetrachloride	A	<b>ND</b>	1.9	8.1		µg/Kg-dry	1	08/16/07 03:24
Chlorobenzene	A	<b>ND</b>	0.97	8.1		µg/Kg-dry	1	08/16/07 03:24
Chloroethane	A	<b>ND</b>	3.9	16		µg/Kg-dry	1	08/16/07 03:24
Chloroform	A	<b>ND</b>	0.97	8.1		µg/Kg-dry	1	08/16/07 03:24
Chloromethane	A	<b>ND</b>	2.4	16		µg/Kg-dry	1	08/16/07 03:24
Dibromochloromethane	A	<b>ND</b>	1.3	8.1		µg/Kg-dry	1	08/16/07 03:24
1,1-Dichloroethane	A	<b>ND</b>	1.1	8.1		µg/Kg-dry	1	08/16/07 03:24
1,2-Dichloroethane	A	<b>ND</b>	1.9	8.1		µg/Kg-dry	1	08/16/07 03:24
1,1-Dichloroethene	A	<b>ND</b>	1.9	8.1		µg/Kg-dry	1	08/16/07 03:24
cis-1,2-Dichloroethene	A	<b>ND</b>	1.3	8.1		µg/Kg-dry	1	08/16/07 03:24
trans-1,2-Dichloroethene	A	<b>ND</b>	1.6	8.1		µg/Kg-dry	1	08/16/07 03:24
1,2-Dichloropropane	A	<b>ND</b>	1.6	8.1		µg/Kg-dry	1	08/16/07 03:24
cis-1,3-Dichloropropene	A	<b>ND</b>	1.3	8.1		µg/Kg-dry	1	08/16/07 03:24
trans-1,3-Dichloropropene	A	<b>ND</b>	1.1	8.1		µg/Kg-dry	1	08/16/07 03:24
Ethylbenzene	A	<b>1.9</b>	1.1	8.1	J	µg/Kg-dry	1	08/16/07 03:24



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD - Gary Airport							
Client Sample ID:	B-7							
Sample Description:	2-4'							
Sample Matrix:	Soil							
						Work Order / ID:	ME0708349-13	
						Collection Date:	08/08/07 14:19	
						Date Received:	08/08/07 16:30	

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	3.9	16		µg/Kg-dry	1	08/16/07 03:24
4-Methyl-2-Pentanone	A	ND	2.7	16		µg/Kg-dry	1	08/16/07 03:24
Methyl-t-Butyl Ether	A	ND	0.97	8.1		µg/Kg-dry	1	08/16/07 03:24
Methylene chloride	A	ND	14	32		µg/Kg-dry	1	08/16/07 03:24
Styrene	A	ND	1.3	8.1		µg/Kg-dry	1	08/16/07 03:24
1,1,1,2-Tetrachloroethane	A	ND	0.97	16		µg/Kg-dry	1	08/16/07 03:24
1,1,2,2-Tetrachloroethane	A	ND	2.3	8.1		µg/Kg-dry	1	08/16/07 03:24
Tetrachloroethene	A	ND	2.6	8.1		µg/Kg-dry	1	08/16/07 03:24
Toluene	A	ND	1.1	8.1		µg/Kg-dry	1	08/16/07 03:24
1,1,1-Trichloroethane	A	ND	1.6	8.1		µg/Kg-dry	1	08/16/07 03:24
1,1,2-Trichloroethane	A	ND	1.3	8.1		µg/Kg-dry	1	08/16/07 03:24
Trichloroethene	A	ND	1.5	8.1		µg/Kg-dry	1	08/16/07 03:24
Trichlorofluoromethane	A	ND	5.5	16		µg/Kg-dry	1	08/16/07 03:24
Vinyl Acetate	A	ND	2.4	16		µg/Kg-dry	1	08/16/07 03:24
Vinyl chloride	A	ND	2.7	16		µg/Kg-dry	1	08/16/07 03:24
m,p-Xylene	A	6.7	2.6	8.1	J	µg/Kg-dry	1	08/16/07 03:24
o-Xylene	A	2.5	1.5	8.1	J	µg/Kg-dry	1	08/16/07 03:24
Total Xylenes	A	ND	1.5	8.1		µg/Kg-dry	1	08/16/07 03:24
Surr: 4-Bromofluorobenzene	S	76.5	0	48.6-134		%REC	1	08/16/07 03:24
Surr: Dibromofluoromethane	S	105	0	70-136		%REC	1	08/16/07 03:24
Surr: 1,2-Dichloroethane-d4	S	109	0	68.6-148		%REC	1	08/16/07 03:24
Surr: Toluene-d8	S	114	0	59.4-155		%REC	1	08/16/07 03:24

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: JLN		
Gasoline Range Organics	A	460	400	810	J	µg/Kg-dry	1	08/16/07 03:24
Surr: 4-Bromofluorobenzene	S	76.5	0	48.6-134		%REC	1	08/16/07 03:24

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	38	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	DUP
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-14
	<i>Collection Date:</i>
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/15/07 08:30 Analyst: ALS				
Aroclor 1016	A	<b>ND</b>	3.4	38		µg/Kg-dry	1	08/19/07 01:22
Aroclor 1221	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/19/07 01:22
Aroclor 1232	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/19/07 01:22
Aroclor 1242	A	<b>ND</b>	2.4	38		µg/Kg-dry	1	08/19/07 01:22
Aroclor 1248	A	<b>ND</b>	4.2	38		µg/Kg-dry	1	08/19/07 01:22
Aroclor 1254	A	<b>150</b>	3.8	38		µg/Kg-dry	1	08/19/07 01:22
Aroclor 1260	A	<b>ND</b>	3.8	38		µg/Kg-dry	1	08/19/07 01:22
Aroclor 1262	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/19/07 01:22
Aroclor 1268	A	<b>ND</b>	38	38		µg/Kg-dry	1	08/19/07 01:22
Total PCB's	A	<b>150</b>	2.4	38		µg/Kg-dry	1	08/19/07 01:22
Surr: Tetrachloro-m-xylene	S	50.1	0	5-165		%REC	1	08/19/07 01:22
Surr: Decachlorobiphenyl	S	25.0	0	5-222		%REC	1	08/19/07 01:22

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/13/07 08:03 Analyst: ALS				
Extended Range Organics	A	<b>31000</b>	490	490		mg/Kg	50	08/12/07 06:34
Surr: Decafluorobiphenyl	S	0	0	50-150	SD	%REC	50	08/12/07 06:34

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/10/07 10:30 Analyst: AVC				
Arsenic	A	<b>2.8</b>	0.11	0.55		mg/Kg-dry	1	08/14/07 11:02
Barium	A	<b>20</b>	0.021	0.11		mg/Kg-dry	1	08/10/07 18:25
Cadmium	A	<b>0.29</b>	0.0066	0.11		mg/Kg-dry	1	08/10/07 18:25
Chromium	A	<b>5.4</b>	0.02	0.17		mg/Kg-dry	1	08/10/07 18:25
Lead	A	<b>960</b>	0.065	0.41		mg/Kg-dry	1	08/10/07 18:25
Selenium	A	<b>ND</b>	0.083	1.7		mg/Kg-dry	1	08/10/07 18:25
Silver	A	<b>ND</b>	0.087	0.55		mg/Kg-dry	1	08/10/07 18:25

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/10/07 10:00 Analyst: AVC				
Mercury	A	<b>0.18</b>	0.0008	0.037		mg/Kg-dry	1	08/10/07 13:34

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/14/07 14:44 Analyst: BEM				
Acenaphthene	A	<b>5100</b>	130	1100		µg/Kg-dry	10	08/15/07 00:30
Acenaphthylene	A	<b>880</b>	120	1100	J	µg/Kg-dry	10	08/15/07 00:30
Anthracene	A	<b>2400</b>	180	1100		µg/Kg-dry	10	08/15/07 00:30
Benzo[a]anthracene	A	<b>22000</b>	150	1100		µg/Kg-dry	10	08/15/07 00:30
Benzo[a]pyrene	A	<b>15000</b>	160	1100		µg/Kg-dry	10	08/15/07 00:30
Benzo[b]fluoranthene	A	<b>21000</b>	250	1100		µg/Kg-dry	10	08/15/07 00:30
Benzo[g,h,i]perylene	A	<b>9800</b>	160	1100		µg/Kg-dry	10	08/15/07 00:30



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD - Gary Airport
<i>Client Sample ID:</i>	DUP
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708349-14
	<i>Collection Date:</i>
	<i>Date Received:</i> 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method:	SW8270C			Prep Date/Time:	08/14/07 14:44	Analyst: BEM
Benzo[k]fluoranthene	A	3500	210	1100		µg/Kg-dry	10	08/15/07 00:30
Chrysene	A	96000	700	5700		µg/Kg-dry	50	08/15/07 02:33
Dibenz[a,h]anthracene	A	4900	170	1100		µg/Kg-dry	10	08/15/07 00:30
Fluoranthene	A	9100	220	1100		µg/Kg-dry	10	08/15/07 00:30
Fluorene	A	10000	130	1100		µg/Kg-dry	10	08/15/07 00:30
Indeno[1,2,3cd]pyrene	A	2500	150	1100		µg/Kg-dry	10	08/15/07 00:30
Naphthalene	A	2400	120	1100		µg/Kg-dry	10	08/15/07 00:30
Phenanthrene	A	68000	940	5700		µg/Kg-dry	50	08/15/07 02:33
Pyrene	A	77000	690	5700		µg/Kg-dry	50	08/15/07 02:33
Surr: Nitrobenzene-d5	S	82.1	0	14.2-125		%REC	10	08/15/07 00:30
Surr: 2-Fluorobiphenyl	S	20.0	0	21.6-112	S	%REC	10	08/15/07 00:30
Surr: Terphenyl-d14	S	80.1	0	10-139		%REC	10	08/15/07 00:30

VOLATILE ORGANICS		Method:	SW8260B			Prep Date/Time:		Analyst: JLN
Acetone	A	230	110	570	J	µg/Kg-dry	10	08/16/07 06:11
Acrolein	A	ND	180	1100		µg/Kg-dry	10	08/16/07 06:11
Acrylonitrile	A	ND	150	1100		µg/Kg-dry	10	08/16/07 06:11
Benzene	A	21	14	57	J	µg/Kg-dry	10	08/16/07 06:11
Bromodichloromethane	A	ND	5.7	57		µg/Kg-dry	10	08/16/07 06:11
Bromoform	A	ND	8	57		µg/Kg-dry	10	08/16/07 06:11
Bromomethane	A	ND	41	110		µg/Kg-dry	10	08/16/07 06:11
2-Butanone	A	ND	41	110		µg/Kg-dry	10	08/16/07 06:11
Carbon Disulfide	A	ND	19	110		µg/Kg-dry	10	08/16/07 06:11
Carbon tetrachloride	A	ND	14	57		µg/Kg-dry	10	08/16/07 06:11
Chlorobenzene	A	ND	6.8	57		µg/Kg-dry	10	08/16/07 06:11
Chloroethane	A	ND	27	110		µg/Kg-dry	10	08/16/07 06:11
Chloroform	A	ND	6.8	57		µg/Kg-dry	10	08/16/07 06:11
Chloromethane	A	ND	17	110		µg/Kg-dry	10	08/16/07 06:11
Dibromochloromethane	A	ND	9.1	57		µg/Kg-dry	10	08/16/07 06:11
1,1-Dichloroethane	A	ND	8	57		µg/Kg-dry	10	08/16/07 06:11
1,2-Dichloroethane	A	ND	14	57		µg/Kg-dry	10	08/16/07 06:11
1,1-Dichloroethene	A	ND	14	57		µg/Kg-dry	10	08/16/07 06:11
cis-1,2-Dichloroethene	A	ND	9.1	57		µg/Kg-dry	10	08/16/07 06:11
trans-1,2-Dichloroethene	A	ND	11	57		µg/Kg-dry	10	08/16/07 06:11
1,2-Dichloropropane	A	ND	11	57		µg/Kg-dry	10	08/16/07 06:11
cis-1,3-Dichloropropene	A	ND	9.1	57		µg/Kg-dry	10	08/16/07 06:11
trans-1,3-Dichloropropene	A	ND	8	57		µg/Kg-dry	10	08/16/07 06:11
Ethylbenzene	A	56	8	57	J	µg/Kg-dry	10	08/16/07 06:11

5713 West 85th Street, Indianapolis, IN 46278 TEL.800.466.5577 TEL.317.872.1375 FAX.317.872.1379



## ANALYTICAL RESULTS

Date: Monday, August 27, 2007

Client:	Quality Environmental Professionals, Inc.
Client Project:	NBD - Gary Airport
Client Sample ID:	DUP
Sample Description:	
Sample Matrix:	Soil
	Work Order / ID: ME0708349-14
	Collection Date:
	Date Received: 08/08/07 16:30

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: JLN		
2-Hexanone	A	ND	27	110		µg/Kg-dry	10	08/16/07 06:11
4-Methyl-2-Pentanone	A	ND	19	110		µg/Kg-dry	10	08/16/07 06:11
Methyl-t-Butyl Ether	A	ND	6.8	57		µg/Kg-dry	10	08/16/07 06:11
Methylene chloride	A	ND	99	230		µg/Kg-dry	10	08/16/07 06:11
Styrene	A	ND	9.1	57		µg/Kg-dry	10	08/16/07 06:11
1,1,1,2-Tetrachloroethane	A	ND	6.8	110		µg/Kg-dry	10	08/16/07 06:11
1,1,2,2-Tetrachloroethane	A	ND	16	57		µg/Kg-dry	10	08/16/07 06:11
Tetrachloroethene	A	ND	18	57		µg/Kg-dry	10	08/16/07 06:11
Toluene	A	200	8	57		µg/Kg-dry	10	08/16/07 06:11
1,1,1-Trichloroethane	A	ND	11	57		µg/Kg-dry	10	08/16/07 06:11
1,1,2-Trichloroethane	A	ND	9.1	57		µg/Kg-dry	10	08/16/07 06:11
Trichloroethene	A	ND	10	57		µg/Kg-dry	10	08/16/07 06:11
Trichlorofluoromethane	A	ND	39	110		µg/Kg-dry	10	08/16/07 06:11
Vinyl Acetate	A	ND	17	110		µg/Kg-dry	10	08/16/07 06:11
Vinyl chloride	A	ND	19	110		µg/Kg-dry	10	08/16/07 06:11
m,p-Xylene	A	330	18	57		µg/Kg-dry	10	08/16/07 06:11
o-Xylene	A	330	10	57		µg/Kg-dry	10	08/16/07 06:11
Total Xylenes	A	660	10	57		µg/Kg-dry	10	08/16/07 06:11
Surr: 4-Bromofluorobenzene	S	98.6	0	48.6-134		%REC	10	08/16/07 06:11
Surr: Dibromofluoromethane	S	94.7	0	70-136		%REC	10	08/16/07 06:11
Surr: 1,2-Dichloroethane-d4	S	99.5	0	68.6-148		%REC	10	08/16/07 06:11
Surr: Toluene-d8	S	115	0	59.4-155		%REC	10	08/16/07 06:11

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: MLT		
Gasoline Range Organics	A	24000	14000	23000		µg/Kg-dry	50	08/16/07 16:58
Surr: 4-Bromofluorobenzene	S	99.5	0	48.6-134		%REC	50	08/16/07 16:58

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	12	0.1	0.10		WT%	1	08/12/07 12:23



#### **FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)**

NA	=	Not Analyzed	N/A	=	Not Applicable		
mg/L	=	Milligrams per Liter (ppm)	ug/L	=	Micrograms per Liter (ppb)	cfu	= Colony Forming Unit
mg/Kg	=	Milligrams per Kilogram (ppm)	ug/Kg	=	Micrograms per Kilogram (ppb)	ng/L	= Nanograms per Liter (ppt)
U	=	Undetected					
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)					
B	=	Detected in the associated Method Blank at a concentration above the routine PQL/RL					
b	=	Detected in the associated Method Blank at a concentration above the Method Detection Limit but less than the routine PQL/RL					
D	=	Surrogate recoveries are not calculated due to sample dilution					
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if listed)					
E	=	Value above quantitation range					
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time					
I	=	Matrix Interference					
R	=	RPD outside accepted recovery limits					
S	=	Spike recovery outside recovery limits					
Surr	=	Surrogate					
DF	=	Dilution Factor	RL	=	Reporting Limit	ST	= Sample Type
							MDL = Method Detection Limit

#### **SAMPLE TYPES**

A	=	Analyte
I	=	Internal Standard
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

#### **QC SAMPLE IDENTIFICATIONS**

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"	OPR	=	Ongoing Precision and Recovery Standard
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"			
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate			
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate			
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank			
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification			
PDS	=	Post Digestion Spike	SD	=	Serial Dilution			

#### **CERTIFICATIONS**

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

- Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #100435)
- Illinois Department of Public Health for the microbiological analysis of drinking water (registry #175458)
- Indiana DEM approved support laboratory for solid waste and wastewater analyses
- Indiana SDH for the chemical analysis of drinking water (lab #C-45-02)
- Indiana SDH for the microbiological analysis of drinking water (lab #M-45-08)
- Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #0061)
- North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations (certificate #597)
- Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

#### **MICROBAC LOCATIONS, SERVICE CENTERS (SC) AND SATELLITE OFFICES (Sat)**

Baltimore Division - Baltimore, MD	Kentucky Division - Louisville, KY	New Castle Division - New Castle, PA
Camp Hill Division - Camp Hill, PA	Kentucky Division (Sat) - Evansville, IN	Pittsburgh Division - Warrendale, PA
Camp Hill Division (SC) - Pittston, PA	Kentucky Division (Sat) - Lexington, KY	Richmond Division - Richmond, VA
Chicagoland Division - Merrillville, IN	Kentucky Division (Sat) - Paducah, KY	South Carolina Division - New Ellenton, SC
Chicagoland Division (SC) - Indianapolis, IN	Knoxville Division - Maryville, TN	South Jersey Division - Turnersville, NJ
Corona Division - Corona, CA	Massachusetts Division - Marlborough, MA	Southern Headquarters - Poquoson, VA
Erie Division - Erie, PA	Microbac Corporate Office - Wexford, PA	Southern Testing Division - Wilson, NC
Fayetteville Division - Fayetteville, NC	Microbac NY - Cortland Office - Cortland, NY	Southern Testing Division (Sat) - Greensboro, NC
Hauser Division - Boulder, CO	Microbac NY - Waverly Office - Waverly, NY	Venice Division - Venice, FL

## COOLER INSPECTION

Date: Monday, August 27, 2007

Client Name Quality Environmental Professi

Work Order Number ME0708349

Checklist completed by SPM | 8/8/2007 5:46:11 PM

Date / Time Received: 8/8/2007 4:30:00 PM

Received by: SPM

Reviewed by DDG | 8/9/2007 4:22:05 PM

Carrier name: Microbac

After-Hour Arrival?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient client identification?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient sample collector information?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included a sample description?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate matrix?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included date of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included time of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate number of containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate preservatives (if preserved)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples properly preserved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

If No, adjusted by? \_\_\_\_\_ Date/Time \_\_\_\_\_

Chain of custody included the requested analyses?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Container/Temp	Blank temperatures	Cooler	Temp
		1	1 °C

VOA vials for aqueous samples have zero headspace? No VOA vials submitted  Yes  No

**ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.**

General Comments: Sample identified as DUP was not listed on the COC. Dhg8/9/07

Sample ID	Client Sample ID	Comments
ME0708349-01A	B-1	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-02A	B-2	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-03A	B-2	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-04A	B-3	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-05A	B-3	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-06A	B-4	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-07A	B-4	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-08A	B-5	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-09A	B-5	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-10A	B-6	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-11A	B-6	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-12A	B-7	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-13A	B-7	REPORT IN DRY WEIGHT/ICOC REQUIRED
ME0708349-14A	DUP	REPORT IN DRY WEIGHT/ICOC REQUIRED



ME0708349  
Gary Airport  
Phil Ward

## CHAIN OF CUSTODY RECORD

Requester:		Analyses Requested		Date Results Requested By: <u>2008-05-07</u>
#:	07-05-01	Sampled By:	JWA	<input checked="" type="checkbox"/> Please return original copy of Chain Of Custody Record to QEPI <input checked="" type="checkbox"/> We request that you submit chromatographs with all laboratory results, plus QA/QC documentation.
Requisition By: <u>NJUAS</u>		Sample Description		Remarks
Date	Time	Comp	Grade	
8/15/2007	10:02	X	S1	ME0708349
B-1	0-2'	X	X X X X X	1A
B-2	0-2'	1103	X	2A
B-2	2-4'	1211	X	3A
B-3	0-2'	1442	X	4A
B-3	2-4'	1445	X	5A
B-4	0-2'	8/6/07 0602	X	6A
B-4	2-4'	0804	X	7A
B-5	0-2'	1046	X	8A
B-5	2-4'	1051	X	9A
Relinquished By: <u>(Signature)</u>		Date/Time: <u>8/6/07 1625</u>	Received By: <u>(Signature)</u>	Total # of Containers
Relinquished By: <u>(Signature)</u>		Date/Time:	Date/Time:	Temperature When Shipped
Relinquished By: <u>(Signature)</u>		Date/Time:	Date/Time:	Remarks
Relinquished By: <u>(Signature)</u>		Date/Time:	Date/Time:	Temperature Upon Arrival at Lab:



**QEPi** QUALITY ENVIRONMENTAL PROFESSIONALS, INC.

## CHAIN OF CUSTODY RECORD

Project Name:		NBD		Analyses Requested		Date Results Requested By: <u>Sept 24, 2002</u>	
Laboratory:						<input checked="" type="checkbox"/> Please return original copy of Chain Of <input checked="" type="checkbox"/> Custody Record to QEPi <input checked="" type="checkbox"/> We request that you submit chromatographs with all laboratory results, plus QA/QC documentation.	
Job #:	<u>C7 - 05 - 024</u>	Sampled By:	<u>JHA</u>			Remarks	
Report To:		Quality Environmental Professionals, Inc. 1611 South Franklin Road • PHONE 317.351.4255 Indianapolis, IN 46239 • FAX 317.351.4265 Attention: <u>N UPS</u>					
Sample Description		Date	Time	Comp	Grab	Sample (Matrix)	
B-6 0-2'	8/8/02	11:10	X	51	X	mE0708349	
B-6 2-4'		11:13		1	X	X X	
B-7 0-2'		14:12		1		X	
B-7 2-4'		14:19	↓			X	
RCRA METALS 601B							
PCB 6062							
CPH 8230 SiW							
TPH 21LC 8015							
TPH 6RC 8015							
VOCs 8260							

Relinquished By: (Signature)		Date/Time: <u>8/8/02</u>	Received By: (Signature)	Date/Time: <u>16:25</u>	Temperature When Shipped	Total # of Containers	
Relinquished By: (Signature)		Date/Time:	Received By: (Signature)	Date/Time:	Remarks		
Relinquished By: (Signature)		Date/Time:	Received For Lab By: (Signature)	Date/Time:	Temperature Upon Arrival at Lab:		
Relinquished By: (Signature)		Date/Time:	<u>Det Measured</u>	Date/Time:	<u>8/8/02 16:30</u>	10	



August 22, 2007

Nivas Vijay  
Quality Environmental Professionals, Inc.  
1611 S. Franklin Road  
Indianapolis, IN 46239

Work Order No.: ME0708434

RE: Gary Airport  
Dear Nivas Vijay:

Microbac Laboratories, Inc. received 5 samples on 8/10/2007 12:40:00 PM for the analyses presented in the following report.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

Sincerely,  
Microbac Laboratories, Inc.

A handwritten signature in black ink, appearing to read "Deborah Griffiths".

Deborah Griffiths  
Senior Project Manager

Enclosures



## WORK ORDER SAMPLE SUMMARY

Date: Wednesday, August 22, 2007

**CLIENT:** Quality Environmental Professionals, Inc.  
**Project:** Gary Airport  
**Lab Order:** ME0708434

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
ME0708434-01A	B-8 (0-2)		8/9/2007 10:10:00 AM	8/10/2007
ME0708434-02A	B-8 (2-4)		8/9/2007 10:20:00 AM	8/10/2007
ME0708434-03A	B-8 (8-10)		8/9/2007 10:40:00 AM	8/10/2007
ME0708434-04A	B-9 (0-2)		8/9/2007 12:35:00 PM	8/10/2007
ME0708434-05A	B-10 (0-2)		8/9/2007 12:45:00 PM	8/10/2007



## CASE NARRATIVE

Date: Wednesday, August 22, 2007

**Client:** Quality Environmental Professionals, Inc.  
**Project:** Gary Airport  
**Lab Order:** ME0708434

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### Volatile Organics Analysis:

Sample ME0708434-03 was analyzed at a 1:50 dilution due to the large fuel like pattern in the chromatogram.



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	Gary Airport
<i>Client Sample ID:</i>	B-8 (0-2')
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708434-01  
 Collection Date: 08/09/07 10:10  
 Date Received: 08/10/07 12:40

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/16/07 12:45 Analyst: ALS				
Aroclor 1016	A	ND	3.5	39		µg/Kg-dry	1	08/16/07 23:45
Aroclor 1221	A	ND	39	39		µg/Kg-dry	1	08/16/07 23:45
Aroclor 1232	A	ND	39	39		µg/Kg-dry	1	08/16/07 23:45
Aroclor 1242	A	ND	2.5	39		µg/Kg-dry	1	08/16/07 23:45
Aroclor 1248	A	ND	4.3	39		µg/Kg-dry	1	08/16/07 23:45
Aroclor 1254	A	ND	3.9	39		µg/Kg-dry	1	08/16/07 23:45
Aroclor 1260	A	ND	3.9	39		µg/Kg-dry	1	08/16/07 23:45
Aroclor 1262	A	ND	39	39		µg/Kg-dry	1	08/16/07 23:45
Aroclor 1268	A	ND	39	39		µg/Kg-dry	1	08/16/07 23:45
Total PCB's	A	ND	2.5	39		µg/Kg-dry	1	08/16/07 23:45
Surr: Tetrachloro-m-xylene	S	80.1	0	5-165		%REC	1	08/16/07 23:45
Surr: Decachlorobiphenyl	S	75.1	0	5-222		%REC	1	08/16/07 23:45

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/14/07 14:50 Analyst: MLT				
Extended Range Organics	A	ND	12	12		mg/Kg-dry	1	08/15/07 04:32
Surr: Decafluorobiphenyl	S	89.5	0	50-150		%REC	1	08/15/07 04:32

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/13/07 09:25 Analyst: AVC				
Arsenic	A	8.5	0.12	0.59		mg/Kg-dry	1	08/15/07 18:00
Barium	A	100	0.022	0.12	b	mg/Kg-dry	1	08/15/07 18:00
Cadmium	A	1.2	0.0071	0.12		mg/Kg-dry	1	08/15/07 18:00
Chromium	A	410	0.021	0.18	b	mg/Kg-dry	1	08/15/07 18:00
Lead	A	60	0.069	0.44	b	mg/Kg-dry	1	08/15/07 18:00
Selenium	A	ND	0.088	1.8		mg/Kg-dry	1	08/15/07 18:00
Silver	A	ND	0.093	0.59		mg/Kg-dry	1	08/15/07 18:00

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/13/07 10:00 Analyst: AVC				
Mercury	A	0.10	0.00096	0.045		mg/Kg-dry	1	08/13/07 14:20

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/16/07 15:36 Analyst: BEM				
Benzo[a]anthracene	A	ND	7.9	59		µg/Kg-dry	1	08/16/07 20:43
Benzo[a]pyrene	A	ND	8.4	59		µg/Kg-dry	1	08/16/07 20:43
Benzo[b]fluoranthene	A	ND	13	59		µg/Kg-dry	1	08/16/07 20:43
Benzo[k]fluoranthene	A	ND	11	59		µg/Kg-dry	1	08/16/07 20:43
Chrysene	A	8.2	7.3	59	Jb	µg/Kg-dry	1	08/16/07 20:43
Dibenz[a,h]anthracene	A	ND	8.7	59		µg/Kg-dry	1	08/16/07 20:43
Indeno[1,2,3cd]pyrene	A	ND	8	59		µg/Kg-dry	1	08/16/07 20:43



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	Gary Airport							
Client Sample ID:	B-8 (0-2')							
Sample Description:								
Sample Matrix:	Soil							
Work Order / ID:	ME0708434-01							
Collection Date:	08/09/07 10:10							
Date Received:	08/10/07 12:40							

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/16/07 15:36 Analyst: BEM				
Naphthalene	A	ND	6.2	59		µg/Kg-dry	1	08/16/07 20:43
Surr: Nitrobenzene-d5	S	31.6	0	14.2-125		%REC	1	08/16/07 20:43
Surr: 2-Fluorobiphenyl	S	27.3	0	21.6-112		%REC	1	08/16/07 20:43
Surr: Terphenyl-d14	S	41.8	0	10-139		%REC	1	08/16/07 20:43

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time: Analyst: MLT				
Acetone	A	ND	11	59		µg/Kg-dry	1	08/17/07 13:49
Acrolein	A	ND	19	120		µg/Kg-dry	1	08/17/07 13:49
Acrylonitrile	A	ND	15	120		µg/Kg-dry	1	08/17/07 13:49
Benzene	A	ND	1.4	5.9		µg/Kg-dry	1	08/17/07 13:49
Bromodichloromethane	A	ND	0.59	5.9		µg/Kg-dry	1	08/17/07 13:49
Bromoform	A	ND	0.82	5.9		µg/Kg-dry	1	08/17/07 13:49
Bromomethane	A	ND	4.2	12		µg/Kg-dry	1	08/17/07 13:49
2-Butanone	A	ND	4.2	12		µg/Kg-dry	1	08/17/07 13:49
Carbon Disulfide	A	2.4	2	12	J	µg/Kg-dry	1	08/17/07 13:49
Carbon tetrachloride	A	ND	1.4	5.9		µg/Kg-dry	1	08/17/07 13:49
Chlorobenzene	A	ND	0.71	5.9		µg/Kg-dry	1	08/17/07 13:49
Chloroethane	A	ND	2.8	12		µg/Kg-dry	1	08/17/07 13:49
Chloroform	A	ND	0.71	5.9		µg/Kg-dry	1	08/17/07 13:49
Chloromethane	A	ND	1.8	12		µg/Kg-dry	1	08/17/07 13:49
Dibromochloromethane	A	ND	0.94	5.9		µg/Kg-dry	1	08/17/07 13:49
1,1-Dichloroethane	A	ND	0.82	5.9		µg/Kg-dry	1	08/17/07 13:49
1,2-Dichloroethane	A	ND	1.4	5.9		µg/Kg-dry	1	08/17/07 13:49
1,1-Dichloroethene	A	ND	1.4	5.9		µg/Kg-dry	1	08/17/07 13:49
cis-1,2-Dichloroethene	A	ND	0.94	5.9		µg/Kg-dry	1	08/17/07 13:49
trans-1,2-Dichloroethene	A	ND	1.2	5.9		µg/Kg-dry	1	08/17/07 13:49
1,2-Dichloropropane	A	ND	1.2	5.9		µg/Kg-dry	1	08/17/07 13:49
cis-1,3-Dichloropropene	A	ND	0.94	5.9		µg/Kg-dry	1	08/17/07 13:49
trans-1,3-Dichloropropene	A	ND	0.82	5.9		µg/Kg-dry	1	08/17/07 13:49
Ethylbenzene	A	2.7	0.82	5.9	J	µg/Kg-dry	1	08/17/07 13:49
2-Hexanone	A	ND	2.8	12		µg/Kg-dry	1	08/17/07 13:49
4-Methyl-2-Pentanone	A	ND	2	12		µg/Kg-dry	1	08/17/07 13:49
Methyl-t-Butyl Ether	A	ND	0.71	5.9		µg/Kg-dry	1	08/17/07 13:49
Methylene chloride	A	33	10	59	J	µg/Kg-dry	1	08/17/07 13:49
Styrene	A	ND	0.94	5.9		µg/Kg-dry	1	08/17/07 13:49
1,1,1,2-Tetrachloroethane	A	ND	0.71	12		µg/Kg-dry	1	08/17/07 13:49
1,1,2,2-Tetrachloroethane	A	ND	1.6	5.9		µg/Kg-dry	1	08/17/07 13:49
Tetrachloroethene	A	ND	1.9	5.9		µg/Kg-dry	1	08/17/07 13:49



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

Client:	Quality Environmental Professionals, Inc.								
Client Project:	Gary Airport								
Client Sample ID:	B-8 (0-2')								
Sample Description:									
Sample Matrix:	Soil								
Work Order / ID:	ME0708434-01								
Collection Date:	08/09/07 10:10								
Date Received:	08/10/07 12:40								

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:			Analyst: MLT		
Toluene	A	1.3	0.82	5.9	J	µg/Kg-dry	1	08/17/07 13:49	
1,1,1-Trichloroethane	A	ND	1.2	5.9		µg/Kg-dry	1	08/17/07 13:49	
1,1,2-Trichloroethane	A	ND	0.94	5.9		µg/Kg-dry	1	08/17/07 13:49	
Trichloroethene	A	3.6	1.1	5.9	J	µg/Kg-dry	1	08/17/07 13:49	
Trichlorofluoromethane	A	ND	4	12		µg/Kg-dry	1	08/17/07 13:49	
Vinyl Acetate	A	ND	1.8	12		µg/Kg-dry	1	08/17/07 13:49	
Vinyl chloride	A	ND	2	12		µg/Kg-dry	1	08/17/07 13:49	
m,p-Xylene	A	6.8	1.9	5.9		µg/Kg-dry	1	08/17/07 13:49	
o-Xylene	A	1.7	1.1	5.9	J	µg/Kg-dry	1	08/17/07 13:49	
Total Xylenes	A	6.8	1.1	5.9		µg/Kg-dry	1	08/17/07 13:49	
Surr: 4-Bromofluorobenzene	S	89.3	0	48.6-134		%REC	1	08/17/07 13:49	
Surr: Dibromofluoromethane	S	104	0	70-136		%REC	1	08/17/07 13:49	
Surr: 1,2-Dichloroethane-d4	S	112	0	68.6-148		%REC	1	08/17/07 13:49	
Surr: Toluene-d8	S	98.5	0	59.4-155		%REC	1	08/17/07 13:49	

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:			Analyst: MLT		
Gasoline Range Organics	A	300	290	590	J	µg/Kg-dry	1	08/17/07 13:49	
Surr: 4-Bromofluorobenzene	S	89.3	0	48.6-134		%REC	1	08/17/07 13:49	

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:			Analyst: ALL		
Percent Moisture	A	15	0.1	0.10		WT%	1	08/12/07 12:23	



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	Gary Airport
<i>Client Sample ID:</i>	B-8 (2-4')
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Soil

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/16/07 12:45 Analyst: ALS				
Aroclor 1016	A	ND	3.1	34		µg/Kg-dry	1	08/17/07 00:18
Aroclor 1221	A	ND	34	34		µg/Kg-dry	1	08/17/07 00:18
Aroclor 1232	A	ND	34	34		µg/Kg-dry	1	08/17/07 00:18
Aroclor 1242	A	ND	2.2	34		µg/Kg-dry	1	08/17/07 00:18
Aroclor 1248	A	ND	3.8	34		µg/Kg-dry	1	08/17/07 00:18
Aroclor 1254	A	ND	3.4	34		µg/Kg-dry	1	08/17/07 00:18
Aroclor 1260	A	ND	3.4	34		µg/Kg-dry	1	08/17/07 00:18
Aroclor 1262	A	ND	34	34		µg/Kg-dry	1	08/17/07 00:18
Aroclor 1268	A	ND	34	34		µg/Kg-dry	1	08/17/07 00:18
Total PCB's	A	ND	2.2	34		µg/Kg-dry	1	08/17/07 00:18
Surr: Tetrachloro-m-xylene	S	80.1	0	5-165		%REC	1	08/17/07 00:18
Surr: Decachlorobiphenyl	S	85.1	0	5-222		%REC	1	08/17/07 00:18

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/14/07 14:50 Analyst: MLT				
Extended Range Organics	A	ND	9.8	9.8		mg/Kg-dry	1	08/15/07 05:12
Surr: Decafluorobiphenyl	S	86.9	0	50-150		%REC	1	08/15/07 05:12

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/13/07 09:25 Analyst: AVC				
Arsenic	A	0.98	0.1	0.52		mg/Kg-dry	1	08/15/07 18:06
Barium	A	6.9	0.02	0.10	b	mg/Kg-dry	1	08/15/07 18:06
Cadmium	A	ND	0.0062	0.10		mg/Kg-dry	1	08/15/07 18:06
Chromium	A	2.3	0.019	0.15	b	mg/Kg-dry	1	08/15/07 18:06
Lead	A	4.0	0.061	0.39		mg/Kg-dry	1	08/16/07 13:46
Selenium	A	ND	0.077	1.5		mg/Kg-dry	1	08/15/07 18:06
Silver	A	ND	0.082	0.52		mg/Kg-dry	1	08/15/07 18:06

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/13/07 10:00 Analyst: AVC				
Mercury	A	0.0031	0.0009	0.042	J	mg/Kg-dry	1	08/13/07 14:25

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/16/07 15:36 Analyst: BEM				
Benzo[a]anthracene	A	ND	6.9	52		µg/Kg-dry	1	08/16/07 21:08
Benzo[a]pyrene	A	ND	7.3	52		µg/Kg-dry	1	08/16/07 21:08
Benzo[b]fluoranthene	A	ND	11	52		µg/Kg-dry	1	08/16/07 21:08
Benzo[k]fluoranthene	A	ND	9.6	52		µg/Kg-dry	1	08/16/07 21:08
Chrysene	A	7.6	6.4	52	Jb	µg/Kg-dry	1	08/16/07 21:08
Dibenz[a,h]anthracene	A	ND	7.6	52		µg/Kg-dry	1	08/16/07 21:08
Indeno[1,2,3cd]pyrene	A	ND	7	52		µg/Kg-dry	1	08/16/07 21:08



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	Gary Airport							
Client Sample ID:	B-8 (2-4')							
Sample Description:								
Sample Matrix:	Soil							
Work Order / ID:	ME0708434-02							
Collection Date:	08/09/07 10:20							
Date Received:	08/10/07 12:40							

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/16/07 15:36 Analyst: BEM				
Naphthalene	A	ND	5.5	52		µg/Kg-dry	1	08/16/07 21:08
Surr: Nitrobenzene-d5	S	49.4	0	14.2-125		%REC	1	08/16/07 21:08
Surr: 2-Fluorobiphenyl	S	47.4	0	21.6-112		%REC	1	08/16/07 21:08
Surr: Terphenyl-d14	S	90.6	0	10-139		%REC	1	08/16/07 21:08

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time: Analyst: MLT				
Acetone	A	ND	9.9	52		µg/Kg-dry	1	08/17/07 14:22
Acrolein	A	ND	16	100		µg/Kg-dry	1	08/17/07 14:22
Acrylonitrile	A	ND	13	100		µg/Kg-dry	1	08/17/07 14:22
Benzene	A	1.3	1.2	5.2	J	µg/Kg-dry	1	08/17/07 14:22
Bromodichloromethane	A	ND	0.52	5.2		µg/Kg-dry	1	08/17/07 14:22
Bromoform	A	ND	0.72	5.2		µg/Kg-dry	1	08/17/07 14:22
Bromomethane	A	ND	3.7	10		µg/Kg-dry	1	08/17/07 14:22
2-Butanone	A	ND	3.7	10		µg/Kg-dry	1	08/17/07 14:22
Carbon Disulfide	A	ND	1.8	10		µg/Kg-dry	1	08/17/07 14:22
Carbon tetrachloride	A	ND	1.2	5.2		µg/Kg-dry	1	08/17/07 14:22
Chlorobenzene	A	ND	0.62	5.2		µg/Kg-dry	1	08/17/07 14:22
Chloroethane	A	ND	2.5	10		µg/Kg-dry	1	08/17/07 14:22
Chloroform	A	ND	0.62	5.2		µg/Kg-dry	1	08/17/07 14:22
Chloromethane	A	ND	1.5	10		µg/Kg-dry	1	08/17/07 14:22
Dibromochloromethane	A	ND	0.83	5.2		µg/Kg-dry	1	08/17/07 14:22
1,1-Dichloroethane	A	ND	0.72	5.2		µg/Kg-dry	1	08/17/07 14:22
1,2-Dichloroethane	A	ND	1.2	5.2		µg/Kg-dry	1	08/17/07 14:22
1,1-Dichloroethene	A	ND	1.2	5.2		µg/Kg-dry	1	08/17/07 14:22
cis-1,2-Dichloroethene	A	ND	0.83	5.2		µg/Kg-dry	1	08/17/07 14:22
trans-1,2-Dichloroethene	A	ND	1	5.2		µg/Kg-dry	1	08/17/07 14:22
1,2-Dichloropropane	A	ND	1	5.2		µg/Kg-dry	1	08/17/07 14:22
cis-1,3-Dichloropropene	A	ND	0.83	5.2		µg/Kg-dry	1	08/17/07 14:22
trans-1,3-Dichloropropene	A	ND	0.72	5.2		µg/Kg-dry	1	08/17/07 14:22
Ethylbenzene	A	ND	0.72	5.2		µg/Kg-dry	1	08/17/07 14:22
2-Hexanone	A	ND	2.5	10		µg/Kg-dry	1	08/17/07 14:22
4-Methyl-2-Pentanone	A	ND	1.8	10		µg/Kg-dry	1	08/17/07 14:22
Methyl-t-Butyl Ether	A	ND	0.62	5.2		µg/Kg-dry	1	08/17/07 14:22
Methylene chloride	A	20	9	52	J	µg/Kg-dry	1	08/17/07 14:22
Styrene	A	ND	0.83	5.2		µg/Kg-dry	1	08/17/07 14:22
1,1,1,2-Tetrachloroethane	A	ND	0.62	10		µg/Kg-dry	1	08/17/07 14:22
1,1,2,2-Tetrachloroethane	A	ND	1.4	5.2		µg/Kg-dry	1	08/17/07 14:22
Tetrachloroethene	A	ND	1.7	5.2		µg/Kg-dry	1	08/17/07 14:22



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

Client:	Quality Environmental Professionals, Inc.
Client Project:	Gary Airport
Client Sample ID:	B-8 (2-4')
Sample Description:	
Sample Matrix:	Soil
Work Order / ID:	ME0708434-02
Collection Date:	08/09/07 10:20
Date Received:	08/10/07 12:40

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: MLT		
Toluene	A	ND	0.72	5.2		µg/Kg-dry	1	08/17/07 14:22
1,1,1-Trichloroethane	A	ND	1	5.2		µg/Kg-dry	1	08/17/07 14:22
1,1,2-Trichloroethane	A	ND	0.83	5.2		µg/Kg-dry	1	08/17/07 14:22
Trichloroethene	A	ND	0.93	5.2		µg/Kg-dry	1	08/17/07 14:22
Trichlorofluoromethane	A	ND	3.5	10		µg/Kg-dry	1	08/17/07 14:22
Vinyl Acetate	A	ND	1.5	10		µg/Kg-dry	1	08/17/07 14:22
Vinyl chloride	A	ND	1.8	10		µg/Kg-dry	1	08/17/07 14:22
m,p-Xylene	A	2.1	1.7	5.2	J	µg/Kg-dry	1	08/17/07 14:22
o-Xylene	A	ND	0.93	5.2		µg/Kg-dry	1	08/17/07 14:22
Total Xylenes	A	ND	0.93	5.2		µg/Kg-dry	1	08/17/07 14:22
Surr: 4-Bromofluorobenzene	S	95.8	0	48.6-134		%REC	1	08/17/07 14:22
Surr: Dibromofluoromethane	S	102	0	70-136		%REC	1	08/17/07 14:22
Surr: 1,2-Dichloroethane-d4	S	105	0	68.6-148		%REC	1	08/17/07 14:22
Surr: Toluene-d8	S	102	0	59.4-155		%REC	1	08/17/07 14:22

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: MLT		
Gasoline Range Organics	A	ND	260	520		µg/Kg-dry	1	08/17/07 14:22
Surr: 4-Bromofluorobenzene	S	95.8	0	48.6-134		%REC	1	08/17/07 14:22

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	3.2	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	Gary Airport
<i>Client Sample ID:</i>	B-8 (8-10')
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Soil

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/16/07 12:45 Analyst: ALS				
Aroclor 1016	A	ND	19	210		µg/Kg-dry	1	08/17/07 16:07
Aroclor 1221	A	ND	210	210		µg/Kg-dry	1	08/17/07 16:07
Aroclor 1232	A	ND	210	210		µg/Kg-dry	1	08/17/07 16:07
Aroclor 1242	A	ND	13	210		µg/Kg-dry	1	08/17/07 16:07
Aroclor 1248	A	ND	24	210		µg/Kg-dry	1	08/17/07 16:07
Aroclor 1254	A	ND	21	210		µg/Kg-dry	1	08/17/07 16:07
Aroclor 1260	A	ND	21	210		µg/Kg-dry	1	08/17/07 16:07
Aroclor 1262	A	ND	210	210		µg/Kg-dry	1	08/17/07 16:07
Aroclor 1268	A	ND	210	210		µg/Kg-dry	1	08/17/07 16:07
Total PCB's	A	ND	13	210		µg/Kg-dry	1	08/17/07 16:07
Surr: Tetrachloro-m-xylene	S	60.1	0	5-165		%REC	1	08/17/07 16:07
Surr: Decachlorobiphenyl	S	80.1	0	5-222		%REC	1	08/17/07 16:07

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/14/07 14:50 Analyst: ALS				
Extended Range Organics	A	4000	400	400		mg/Kg-dry	20	08/16/07 08:42
Surr: Decafluorobiphenyl	S	8.85	0	50-150	SD	%REC	20	08/16/07 08:42

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/13/07 09:25 Analyst: AVC				
Arsenic	A	2.3	0.2	0.99		mg/Kg-dry	1	08/15/07 18:33
Barium	A	12	0.037	0.20	b	mg/Kg-dry	1	08/15/07 18:33
Cadmium	A	ND	0.012	0.20		mg/Kg-dry	1	08/15/07 18:33
Chromium	A	410	0.035	0.30	b	mg/Kg-dry	1	08/15/07 18:33
Lead	A	5.9	0.12	0.74		mg/Kg-dry	1	08/16/07 14:08
Selenium	A	ND	0.15	3.0		mg/Kg-dry	1	08/15/07 18:33
Silver	A	ND	0.16	0.99		mg/Kg-dry	1	08/15/07 18:33

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/13/07 10:00 Analyst: AVC				
Mercury	A	0.041	0.0014	0.066	J	mg/Kg-dry	1	08/13/07 14:27

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/16/07 15:36 Analyst: BEM				
Benzo[a]anthracene	A	150	86	640	J	µg/Kg-dry	1	08/16/07 21:33
Benzo[a]pyrene	A	ND	91	640		µg/Kg-dry	1	08/16/07 21:33
Benzo[b]fluoranthene	A	ND	140	640		µg/Kg-dry	1	08/16/07 21:33
Benzo[k]fluoranthene	A	ND	120	640		µg/Kg-dry	1	08/16/07 21:33
Chrysene	A	160	79	640	J	µg/Kg-dry	1	08/16/07 21:33
Dibenz[a,h]anthracene	A	ND	94	640		µg/Kg-dry	1	08/16/07 21:33
Indeno[1,2,3cd]pyrene	A	ND	87	640		µg/Kg-dry	1	08/16/07 21:33



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	Gary Airport							
Client Sample ID:	B-8 (8-10')							
Sample Description:								
Sample Matrix:	Soil							

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/16/07 15:36 Analyst: BEM				
Naphthalene	A	270	68	640	J	µg/Kg-dry	50	08/16/07 21:33
Surr: Nitrobenzene-d5	S	47.6	0	14.2-125		%REC	1	08/16/07 21:33
Surr: 2-Fluorobiphenyl	S	56.0	0	21.6-112		%REC	1	08/16/07 21:33
Surr: Terphenyl-d14	S	97.1	0	10-139		%REC	1	08/16/07 21:33

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time: Analyst: MLT				
Acetone	A	ND	1000	5300		µg/Kg-dry	50	08/17/07 16:21
Acrolein	A	ND	1700	11000		µg/Kg-dry	50	08/17/07 16:21
Acrylonitrile	A	ND	1400	11000		µg/Kg-dry	50	08/17/07 16:21
Benzene	A	ND	130	530		µg/Kg-dry	50	08/17/07 16:21
Bromodichloromethane	A	ND	53	530		µg/Kg-dry	50	08/17/07 16:21
Bromoform	A	ND	74	530		µg/Kg-dry	50	08/17/07 16:21
Bromomethane	A	ND	380	1100		µg/Kg-dry	50	08/17/07 16:21
2-Butanone	A	ND	380	1100		µg/Kg-dry	50	08/17/07 16:21
Carbon Disulfide	A	ND	180	1100		µg/Kg-dry	50	08/17/07 16:21
Carbon tetrachloride	A	ND	130	530		µg/Kg-dry	50	08/17/07 16:21
Chlorobenzene	A	ND	64	530		µg/Kg-dry	50	08/17/07 16:21
Chloroethane	A	ND	260	1100		µg/Kg-dry	50	08/17/07 16:21
Chloroform	A	ND	64	530		µg/Kg-dry	50	08/17/07 16:21
Chloromethane	A	ND	160	1100		µg/Kg-dry	50	08/17/07 16:21
Dibromochloromethane	A	ND	85	530		µg/Kg-dry	50	08/17/07 16:21
1,1-Dichloroethane	A	ND	74	530		µg/Kg-dry	50	08/17/07 16:21
1,2-Dichloroethane	A	ND	130	530		µg/Kg-dry	50	08/17/07 16:21
1,1-Dichloroethene	A	ND	130	530		µg/Kg-dry	50	08/17/07 16:21
cis-1,2-Dichloroethene	A	86	85	530	J	µg/Kg-dry	50	08/17/07 16:21
trans-1,2-Dichloroethene	A	ND	110	530		µg/Kg-dry	50	08/17/07 16:21
1,2-Dichloropropane	A	ND	110	530		µg/Kg-dry	50	08/17/07 16:21
cis-1,3-Dichloropropene	A	ND	85	530		µg/Kg-dry	50	08/17/07 16:21
trans-1,3-Dichloropropene	A	ND	74	530		µg/Kg-dry	50	08/17/07 16:21
Ethylbenzene	A	290	74	530	J	µg/Kg-dry	50	08/17/07 16:21
2-Hexanone	A	ND	260	1100		µg/Kg-dry	50	08/17/07 16:21
4-Methyl-2-Pentanone	A	ND	180	1100		µg/Kg-dry	50	08/17/07 16:21
Methyl-t-Butyl Ether	A	ND	64	530		µg/Kg-dry	50	08/17/07 16:21
Methylene chloride	A	930	930	2100	J	µg/Kg-dry	50	08/17/07 16:21
Styrene	A	ND	85	530		µg/Kg-dry	50	08/17/07 16:21
1,1,1,2-Tetrachloroethane	A	ND	64	1100		µg/Kg-dry	50	08/17/07 16:21
1,1,2,2-Tetrachloroethane	A	ND	150	530		µg/Kg-dry	50	08/17/07 16:21
Tetrachloroethene	A	ND	170	530		µg/Kg-dry	50	08/17/07 16:21



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

Client:	Quality Environmental Professionals, Inc.
Client Project:	Gary Airport
Client Sample ID:	B-8 (8-10')
Sample Description:	
Sample Matrix:	Soil
Work Order / ID:	ME0708434-03
Collection Date:	08/09/07 10:40
Date Received:	08/10/07 12:40

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: MLT		
Toluene	A	ND	74	530		µg/Kg-dry	50	08/17/07 16:21
1,1,1-Trichloroethane	A	ND	110	530		µg/Kg-dry	50	08/17/07 16:21
1,1,2-Trichloroethane	A	ND	85	530		µg/Kg-dry	50	08/17/07 16:21
Trichloroethene	A	ND	96	530		µg/Kg-dry	50	08/17/07 16:21
Trichlorofluoromethane	A	ND	360	1100		µg/Kg-dry	50	08/17/07 16:21
Vinyl Acetate	A	ND	160	1100		µg/Kg-dry	50	08/17/07 16:21
Vinyl chloride	A	ND	180	1100		µg/Kg-dry	50	08/17/07 16:21
m,p-Xylene	A	320	170	530	J	µg/Kg-dry	50	08/17/07 16:21
o-Xylene	A	110	96	530	J	µg/Kg-dry	50	08/17/07 16:21
Total Xylenes	A	ND	96	530		µg/Kg-dry	50	08/17/07 16:21
Surr: 4-Bromofluorobenzene	S	134	0	48.6-134		%REC	50	08/17/07 16:21
Surr: Dibromofluoromethane	S	97.8	0	70-136		%REC	50	08/17/07 16:21
Surr: 1,2-Dichloroethane-d4	S	110	0	68.6-148		%REC	50	08/17/07 16:21
Surr: Toluene-d8	S	99.2	0	59.4-155		%REC	50	08/17/07 16:21
GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: MLT		
Gasoline Range Organics	A	410000	27000	53000		µg/Kg-dry	50	08/17/07 16:21
Surr: 4-Bromofluorobenzene	S	134	0	48.6-134		%REC	50	08/17/07 16:21

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	53	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	Gary Airport
<i>Client Sample ID:</i>	B-9 (0-2')
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Soil
	<i>Work Order / ID:</i> ME0708434-04
	<i>Collection Date:</i> 08/09/07 12:35
	<i>Date Received:</i> 08/10/07 12:40

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/16/07 12:45 Analyst: ALS				
Aroclor 1016	A	ND	3.9	43		µg/Kg-dry	1	08/17/07 01:23
Aroclor 1221	A	ND	43	43		µg/Kg-dry	1	08/17/07 01:23
Aroclor 1232	A	ND	43	43		µg/Kg-dry	1	08/17/07 01:23
Aroclor 1242	A	ND	2.7	43		µg/Kg-dry	1	08/17/07 01:23
Aroclor 1248	A	ND	4.8	43		µg/Kg-dry	1	08/17/07 01:23
Aroclor 1254	A	ND	4.3	43		µg/Kg-dry	1	08/17/07 01:23
Aroclor 1260	A	ND	4.3	43		µg/Kg-dry	1	08/17/07 01:23
Aroclor 1262	A	ND	43	43		µg/Kg-dry	1	08/17/07 01:23
Aroclor 1268	A	ND	43	43		µg/Kg-dry	1	08/17/07 01:23
Total PCB's	A	ND	2.7	43		µg/Kg-dry	1	08/17/07 01:23
Surr: Tetrachloro-m-xylene	S	80.1	0	5-165		%REC	1	08/17/07 01:23
Surr: Decachlorobiphenyl	S	85.1	0	5-222		%REC	1	08/17/07 01:23

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/15/07 00:00 Analyst: ALS				
Extended Range Organics	A	ND	12	12		mg/Kg-dry	1	08/16/07 06:42
Surr: Decafluorobiphenyl	S	69.2	0	50-150		%REC	1	08/16/07 06:42

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/13/07 09:25 Analyst: AVC				
Arsenic	A	0.83	0.12	0.61		mg/Kg-dry	1	08/15/07 19:00
Barium	A	4.8	0.023	0.12	b	mg/Kg-dry	1	08/15/07 19:00
Cadmium	A	ND	0.0073	0.12		mg/Kg-dry	1	08/15/07 19:00
Chromium	A	2.3	0.022	0.18	b	mg/Kg-dry	1	08/16/07 14:13
Lead	A	6.4	0.072	0.46	b	mg/Kg-dry	1	08/15/07 19:00
Selenium	A	1	0.091	1.8	J	mg/Kg-dry	1	08/15/07 19:00
Silver	A	ND	0.096	0.61		mg/Kg-dry	1	08/15/07 19:00

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/13/07 10:00 Analyst: AVC				
Mercury	A	0.0016	0.0011	0.052	J	mg/Kg-dry	1	08/13/07 14:28

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/16/07 15:36 Analyst: BEM				
Benzo[a]anthracene	A	12	8.7	65	J	µg/Kg-dry	1	08/16/07 21:57
Benzo[a]pyrene	A	ND	9.2	65		µg/Kg-dry	1	08/16/07 21:57
Benzo[b]fluoranthene	A	ND	14	65		µg/Kg-dry	1	08/16/07 21:57
Benzo[k]fluoranthene	A	ND	12	65		µg/Kg-dry	1	08/16/07 21:57
Chrysene	A	12	8.1	65	Jb	µg/Kg-dry	1	08/16/07 21:57
Dibenz[a,h]anthracene	A	ND	9.6	65		µg/Kg-dry	1	08/16/07 21:57
Indeno[1,2,3cd]pyrene	A	ND	8.8	65		µg/Kg-dry	1	08/16/07 21:57



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	Gary Airport
<i>Client Sample ID:</i>	B-9 (0-2')
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Soil

Work Order / ID: ME0708434-04  
 Collection Date: 08/09/07 12:35  
 Date Received: 08/10/07 12:40

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/16/07 15:36 Analyst: BEM				
Naphthalene	A	ND	6.9	65		µg/Kg-dry	1	08/16/07 21:57
Surr: Nitrobenzene-d5	S	47.1	0	14.2-125		%REC	1	08/16/07 21:57
Surr: 2-Fluorobiphenyl	S	51.8	0	21.6-112		%REC	1	08/16/07 21:57
Surr: Terphenyl-d14	S	74.0	0	10-139		%REC	1	08/16/07 21:57

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time: Analyst: MLT				
Acetone	A	ND	12	65		µg/Kg-dry	1	08/17/07 14:56
Acrolein	A	ND	21	130		µg/Kg-dry	1	08/17/07 14:56
Acrylonitrile	A	ND	17	130		µg/Kg-dry	1	08/17/07 14:56
Benzene	A	ND	1.6	6.5		µg/Kg-dry	1	08/17/07 14:56
Bromodichloromethane	A	ND	0.65	6.5		µg/Kg-dry	1	08/17/07 14:56
Bromoform	A	ND	0.91	6.5		µg/Kg-dry	1	08/17/07 14:56
Bromomethane	A	ND	4.7	13		µg/Kg-dry	1	08/17/07 14:56
2-Butanone	A	ND	4.7	13		µg/Kg-dry	1	08/17/07 14:56
Carbon Disulfide	A	ND	2.2	13		µg/Kg-dry	1	08/17/07 14:56
Carbon tetrachloride	A	ND	1.6	6.5		µg/Kg-dry	1	08/17/07 14:56
Chlorobenzene	A	ND	0.78	6.5		µg/Kg-dry	1	08/17/07 14:56
Chloroethane	A	ND	3.1	13		µg/Kg-dry	1	08/17/07 14:56
Chloroform	A	ND	0.78	6.5		µg/Kg-dry	1	08/17/07 14:56
Chloromethane	A	ND	1.9	13		µg/Kg-dry	1	08/17/07 14:56
Dibromochloromethane	A	ND	1	6.5		µg/Kg-dry	1	08/17/07 14:56
1,1-Dichloroethane	A	ND	0.91	6.5		µg/Kg-dry	1	08/17/07 14:56
1,2-Dichloroethane	A	ND	1.6	6.5		µg/Kg-dry	1	08/17/07 14:56
1,1-Dichloroethene	A	ND	1.6	6.5		µg/Kg-dry	1	08/17/07 14:56
cis-1,2-Dichloroethene	A	ND	1	6.5		µg/Kg-dry	1	08/17/07 14:56
trans-1,2-Dichloroethene	A	ND	1.3	6.5		µg/Kg-dry	1	08/17/07 14:56
1,2-Dichloropropane	A	ND	1.3	6.5		µg/Kg-dry	1	08/17/07 14:56
cis-1,3-Dichloropropene	A	ND	1	6.5		µg/Kg-dry	1	08/17/07 14:56
trans-1,3-Dichloropropene	A	ND	0.91	6.5		µg/Kg-dry	1	08/17/07 14:56
Ethylbenzene	A	1.3	0.91	6.5	J	µg/Kg-dry	1	08/17/07 14:56
2-Hexanone	A	ND	3.1	13		µg/Kg-dry	1	08/17/07 14:56
4-Methyl-2-Pentanone	A	ND	2.2	13		µg/Kg-dry	1	08/17/07 14:56
Methyl-t-Butyl Ether	A	ND	0.78	6.5		µg/Kg-dry	1	08/17/07 14:56
Methylene chloride	A	38	11	65	J	µg/Kg-dry	1	08/17/07 14:56
Styrene	A	ND	1	6.5		µg/Kg-dry	1	08/17/07 14:56
1,1,1,2-Tetrachloroethane	A	ND	0.78	13		µg/Kg-dry	1	08/17/07 14:56
1,1,2,2-Tetrachloroethane	A	ND	1.8	6.5		µg/Kg-dry	1	08/17/07 14:56
Tetrachloroethene	A	ND	2.1	6.5		µg/Kg-dry	1	08/17/07 14:56

5713 West 85th Street, Indianapolis, IN 46278 TEL.800.466.5577 TEL.317.872.1375 FAX.317.872.1379



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	Gary Airport							
Client Sample ID:	B-9 (0-2')							
Sample Description:								
Sample Matrix:	Soil							
Work Order / ID:	ME0708434-04							
Collection Date:	08/09/07 12:35							
Date Received:	08/10/07 12:40							

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: MLT		
Toluene	A	ND	0.91	6.5		µg/Kg-dry	1	08/17/07 14:56
1,1,1-Trichloroethane	A	ND	1.3	6.5		µg/Kg-dry	1	08/17/07 14:56
1,1,2-Trichloroethane	A	ND	1	6.5		µg/Kg-dry	1	08/17/07 14:56
Trichloroethene	A	ND	1.2	6.5		µg/Kg-dry	1	08/17/07 14:56
Trichlorofluoromethane	A	ND	4.4	13		µg/Kg-dry	1	08/17/07 14:56
Vinyl Acetate	A	ND	1.9	13		µg/Kg-dry	1	08/17/07 14:56
Vinyl chloride	A	ND	2.2	13		µg/Kg-dry	1	08/17/07 14:56
m,p-Xylene	A	3.1	2.1	6.5	J	µg/Kg-dry	1	08/17/07 14:56
o-Xylene	A	ND	1.2	6.5		µg/Kg-dry	1	08/17/07 14:56
Total Xylenes	A	ND	1.2	6.5		µg/Kg-dry	1	08/17/07 14:56
Surr: 4-Bromofluorobenzene	S	93.1	0	48.6-134		%REC	1	08/17/07 14:56
Surr: Dibromofluoromethane	S	97.7	0	70-136		%REC	1	08/17/07 14:56
Surr: 1,2-Dichloroethane-d4	S	101	0	68.6-148		%REC	1	08/17/07 14:56
Surr: Toluene-d8	S	101	0	59.4-155		%REC	1	08/17/07 14:56

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: MLT		
Gasoline Range Organics	A	ND	320	650		µg/Kg-dry	1	08/17/07 14:56
Surr: 4-Bromofluorobenzene	S	93.1	0	48.6-134		%REC	1	08/17/07 14:56

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	23	0.1	0.10		WT%	1	08/12/07 12:23



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	Gary Airport
<i>Client Sample ID:</i>	B-10 (0-2')
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Soil

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PCB'S	Method: SW8082			Prep Date/Time: 08/16/07 12:45 Analyst: ALS				
Aroclor 1016	A	ND	3.2	35		µg/Kg-dry	1	08/17/07 01:56
Aroclor 1221	A	ND	35	35		µg/Kg-dry	1	08/17/07 01:56
Aroclor 1232	A	ND	35	35		µg/Kg-dry	1	08/17/07 01:56
Aroclor 1242	A	ND	2.2	35		µg/Kg-dry	1	08/17/07 01:56
Aroclor 1248	A	ND	3.9	35		µg/Kg-dry	1	08/17/07 01:56
Aroclor 1254	A	ND	3.5	35		µg/Kg-dry	1	08/17/07 01:56
Aroclor 1260	A	ND	3.5	35		µg/Kg-dry	1	08/17/07 01:56
Aroclor 1262	A	ND	35	35		µg/Kg-dry	1	08/17/07 01:56
Aroclor 1268	A	ND	35	35		µg/Kg-dry	1	08/17/07 01:56
Total PCB's	A	ND	2.2	35		µg/Kg-dry	1	08/17/07 01:56
Surr: Tetrachloro-m-xylene	S	85.1	0	5-165		%REC	1	08/17/07 01:56
Surr: Decachlorobiphenyl	S	85.1	0	5-222		%REC	1	08/17/07 01:56

EXTENDED RANGE ORGANICS	Method: SW8015BMOD			Prep Date/Time: 08/15/07 00:00 Analyst: ALS				
Extended Range Organics	A	17	10	10		mg/Kg-dry	1	08/16/07 07:22
Surr: Decafluorobiphenyl	S	71.3	0	50-150		%REC	1	08/16/07 07:22

TOTAL METALS	Method: SW6010B			Prep Date/Time: 08/13/07 09:25 Analyst: AVC				
Arsenic	A	1.3	0.1	0.52		mg/Kg-dry	1	08/15/07 19:05
Barium	A	560	0.02	0.10	b	mg/Kg-dry	1	08/15/07 19:05
Cadmium	A	0.19	0.0063	0.10		mg/Kg-dry	1	08/15/07 19:05
Chromium	A	11	0.019	0.16	b	mg/Kg-dry	1	08/15/07 19:05
Lead	A	22	0.062	0.39	b	mg/Kg-dry	1	08/15/07 19:05
Selenium	A	9.2	0.078	1.6		mg/Kg-dry	1	08/15/07 19:05
Silver	A	ND	0.082	0.52		mg/Kg-dry	1	08/15/07 19:05

TOTAL METALS	Method: SW7471A			Prep Date/Time: 08/13/07 10:00 Analyst: AVC				
Mercury	A	ND	0.00093	0.043		mg/Kg-dry	1	08/13/07 14:29

PAH BY GC/MS-SIM	Method: SW8270C			Prep Date/Time: 08/16/07 15:36 Analyst: BEM				
Benzo[a]anthracene	A	140	7.1	53		µg/Kg-dry	1	08/16/07 22:22
Benzo[a]pyrene	A	100	7.6	53		µg/Kg-dry	1	08/16/07 22:22
Benzo[b]fluoranthene	A	190	12	53		µg/Kg-dry	1	08/16/07 22:22
Benzo[k]fluoranthene	A	54	9.9	53		µg/Kg-dry	1	08/16/07 22:22
Chrysene	A	180	6.6	53	b	µg/Kg-dry	1	08/16/07 22:22
Dibenz[a,h]anthracene	A	26	7.9	53	J	µg/Kg-dry	1	08/16/07 22:22
Indeno[1,2,3cd]pyrene	A	66	7.2	53		µg/Kg-dry	1	08/16/07 22:22



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	Gary Airport							
Client Sample ID:	B-10 (0-2')							
Sample Description:								
Sample Matrix:	Soil							

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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PAH BY GC/MS-SIM	Method: SW8270C				Prep Date/Time: 08/16/07 15:36 Analyst: BEM			
Naphthalene	A	11	5.6	53	J	µg/Kg-dry	1	08/16/07 22:22
Surr: Nitrobenzene-d5	S	43.5	0	14.2-125		%REC	1	08/16/07 22:22
Surr: 2-Fluorobiphenyl	S	44.3	0	21.6-112		%REC	1	08/16/07 22:22
Surr: Terphenyl-d14	S	74.5	0	10-139		%REC	1	08/16/07 22:22

VOLATILE ORGANICS	Method: SW8260B				Prep Date/Time:				Analyst: MLT
Acetone	A	ND	10	53		µg/Kg-dry	1	08/17/07 15:29	
Acrolein	A	ND	17	110		µg/Kg-dry	1	08/17/07 15:29	
Acrylonitrile	A	ND	14	110		µg/Kg-dry	1	08/17/07 15:29	
Benzene	A	ND	1.3	5.3		µg/Kg-dry	1	08/17/07 15:29	
Bromodichloromethane	A	ND	0.53	5.3		µg/Kg-dry	1	08/17/07 15:29	
Bromoform	A	ND	0.74	5.3		µg/Kg-dry	1	08/17/07 15:29	
Bromomethane	A	ND	3.8	11		µg/Kg-dry	1	08/17/07 15:29	
2-Butanone	A	ND	3.8	11		µg/Kg-dry	1	08/17/07 15:29	
Carbon Disulfide	A	ND	1.8	11		µg/Kg-dry	1	08/17/07 15:29	
Carbon tetrachloride	A	ND	1.3	5.3		µg/Kg-dry	1	08/17/07 15:29	
Chlorobenzene	A	ND	0.64	5.3		µg/Kg-dry	1	08/17/07 15:29	
Chloroethane	A	ND	2.6	11		µg/Kg-dry	1	08/17/07 15:29	
Chloroform	A	ND	0.64	5.3		µg/Kg-dry	1	08/17/07 15:29	
Chloromethane	A	ND	1.6	11		µg/Kg-dry	1	08/17/07 15:29	
Dibromochloromethane	A	ND	0.85	5.3		µg/Kg-dry	1	08/17/07 15:29	
1,1-Dichloroethane	A	ND	0.74	5.3		µg/Kg-dry	1	08/17/07 15:29	
1,2-Dichloroethane	A	ND	1.3	5.3		µg/Kg-dry	1	08/17/07 15:29	
1,1-Dichloroethene	A	ND	1.3	5.3		µg/Kg-dry	1	08/17/07 15:29	
cis-1,2-Dichloroethene	A	ND	0.85	5.3		µg/Kg-dry	1	08/17/07 15:29	
trans-1,2-Dichloroethene	A	ND	1.1	5.3		µg/Kg-dry	1	08/17/07 15:29	
1,2-Dichloropropane	A	ND	1.1	5.3		µg/Kg-dry	1	08/17/07 15:29	
cis-1,3-Dichloropropene	A	ND	0.85	5.3		µg/Kg-dry	1	08/17/07 15:29	
trans-1,3-Dichloropropene	A	ND	0.74	5.3		µg/Kg-dry	1	08/17/07 15:29	
Ethylbenzene	A	2.5	0.74	5.3	J	µg/Kg-dry	1	08/17/07 15:29	
2-Hexanone	A	ND	2.6	11		µg/Kg-dry	1	08/17/07 15:29	
4-Methyl-2-Pentanone	A	ND	1.8	11		µg/Kg-dry	1	08/17/07 15:29	
Methyl-t-Butyl Ether	A	ND	0.64	5.3		µg/Kg-dry	1	08/17/07 15:29	
Methylene chloride	A	23	9.3	53	J	µg/Kg-dry	1	08/17/07 15:29	
Styrene	A	ND	0.85	5.3		µg/Kg-dry	1	08/17/07 15:29	
1,1,1,2-Tetrachloroethane	A	ND	0.64	11		µg/Kg-dry	1	08/17/07 15:29	
1,1,2,2-Tetrachloroethane	A	ND	1.5	5.3		µg/Kg-dry	1	08/17/07 15:29	
Tetrachloroethene	A	ND	1.7	5.3		µg/Kg-dry	1	08/17/07 15:29	



## ANALYTICAL RESULTS

Date: Wednesday, August 22, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	Gary Airport							
Client Sample ID:	B-10 (0-2')							
Sample Description:								
Sample Matrix:	Soil							

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: MLT		
Toluene	A	ND	0.74	5.3		µg/Kg-dry	1	08/17/07 15:29
1,1,1-Trichloroethane	A	ND	1.1	5.3		µg/Kg-dry	1	08/17/07 15:29
1,1,2-Trichloroethane	A	ND	0.85	5.3		µg/Kg-dry	1	08/17/07 15:29
Trichloroethene	A	ND	0.96	5.3		µg/Kg-dry	1	08/17/07 15:29
Trichlorofluoromethane	A	ND	3.6	11		µg/Kg-dry	1	08/17/07 15:29
Vinyl Acetate	A	ND	1.6	11		µg/Kg-dry	1	08/17/07 15:29
Vinyl chloride	A	ND	1.8	11		µg/Kg-dry	1	08/17/07 15:29
m,p-Xylene	A	6.1	1.7	5.3		µg/Kg-dry	1	08/17/07 15:29
o-Xylene	A	2	0.96	5.3	J	µg/Kg-dry	1	08/17/07 15:29
Total Xylenes	A	6.1	0.96	5.3		µg/Kg-dry	1	08/17/07 15:29
Surr: 4-Bromofluorobenzene	S	78.5	0	48.6-134		%REC	1	08/17/07 15:29
Surr: Dibromofluoromethane	S	103	0	70-136		%REC	1	08/17/07 15:29
Surr: 1,2-Dichloroethane-d4	S	111	0	68.6-148		%REC	1	08/17/07 15:29
Surr: Toluene-d8	S	115	0	59.4-155		%REC	1	08/17/07 15:29

GASOLINE RANGE ORGANICS		Method: SW8260BMOD		Prep Date/Time:		Analyst: MLT		
Gasoline Range Organics	A	ND	270	530		µg/Kg-dry	1	08/17/07 15:29
Surr: 4-Bromofluorobenzene	S	78.5	0	48.6-134		%REC	1	08/17/07 15:29

PERCENT MOISTURE		Method: 2540B_18ED		Prep Date/Time:		Analyst: ALL		
Percent Moisture	A	6.0	0.1	0.10		WT%	1	08/12/07 12:23



#### **FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)**

NA	=	Not Analyzed	N/A	=	Not Applicable		
mg/L	=	Milligrams per Liter (ppm)	ug/L	=	Micrograms per Liter (ppb)	cfu	= Colony Forming Unit
mg/Kg	=	Milligrams per Kilogram (ppm)	ug/Kg	=	Micrograms per Kilogram (ppb)	ng/L	= Nanograms per Liter (ppt)
U	=	Undetected					
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)					
B	=	Detected in the associated Method Blank at a concentration above the routine PQL/RL					
b	=	Detected in the associated Method Blank at a concentration above the Method Detection Limit but less than the routine PQL/RL					
D	=	Surrogate recoveries are not calculated due to sample dilution					
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if listed)					
E	=	Value above quantitation range					
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time					
I	=	Matrix Interference					
R	=	RPD outside accepted recovery limits					
S	=	Spike recovery outside recovery limits					
Surr	=	Surrogate					
DF	=	Dilution Factor	RL	=	Reporting Limit	ST	= Sample Type
							MDL = Method Detection Limit

#### **SAMPLE TYPES**

A	=	Analyte
I	=	Internal Standard
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

#### **QC SAMPLE IDENTIFICATIONS**

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"	OPR	=	Ongoing Precision and Recovery Standard
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"			
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate			
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate			
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank			
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification			
PDS	=	Post Digestion Spike	SD	=	Serial Dilution			

#### **CERTIFICATIONS**

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

- Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #100435)
- Illinois Department of Public Health for the microbiological analysis of drinking water (registry #175458)
- Indiana DEM approved support laboratory for solid waste and wastewater analyses
- Indiana SDH for the chemical analysis of drinking water (lab #C-45-02)
- Indiana SDH for the microbiological analysis of drinking water (lab #M-45-08)
- Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #0061)
- North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations (certificate #597)
- Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

#### **MICROBAC LOCATIONS, SERVICE CENTERS (SC) AND SATELLITE OFFICES (Sat)**

Baltimore Division - Baltimore, MD	Kentucky Division - Louisville, KY	New Castle Division - New Castle, PA
Camp Hill Division - Camp Hill, PA	Kentucky Division (Sat) - Evansville, IN	Pittsburgh Division - Warrendale, PA
Camp Hill Division (SC) - Pittston, PA	Kentucky Division (Sat) - Lexington, KY	Richmond Division - Richmond, VA
ChicagoLand Division - Merrillville, IN	Kentucky Division (Sat) - Paducah, KY	South Carolina Division - New Ellenton, SC
Chicagoland Division (SC) - Indianapolis, IN	Knoxville Division - Maryville, TN	South Jersey Division - Turnersville, NJ
Corona Division - Corona, CA	Massachusetts Division - Marlborough, MA	Southern Headquarters - Poquoson, VA
Erie Division - Erie, PA	Microbac Corporate Office - Wexford, PA	Southern Testing Division - Wilson, NC
Fayetteville Division - Fayetteville, NC	Microbac NY - Cortland Office - Cortland, NY	Southern Testing Division (Sat) - Greensboro, NC
Hauser Division - Boulder, CO	Microbac NY - Waverly Office - Waverly, NY	Venice Division - Venice, FL

**COOLER INSPECTION**

Date: Wednesday, August 22, 2007

Client Name QEPI

Work Order Number ME0708434

Checklist completed by SPM | 8/10/2007 12:49:18 PM

Date / Time Received: 8/10/2007 12:40:00 PM

Received by: SPM

Reviewed by DDG | 8/13/2007 10:46:12 AM

Carrier name: Microbac

After-Hour Arrival?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Present <input type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient client identification?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient sample collector information?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included a sample description?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate matrix?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included date of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included time of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate number of containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate preservatives (if preserved)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples properly preserved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

If No, adjusted by? \_\_\_\_\_ Date/Time \_\_\_\_\_

Chain of custody included the requested analyses?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Container/Temp Blank temperatures      Cooler      Temp  
1      2 °CVOA vials for aqueous samples have zero headspace?      No VOA vials submitted  Yes  No **ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.**

General Comments:

Sample ID	Client Sample ID	Comments
ME0708434-01A	B-8 (0-2')	REPORT IN DRY WEIGHT
ME0708434-02A	B-8 (2-4')	REPORT IN DRY WEIGHT
ME0708434-03A	B-8 (8-10')	REPORT IN DRY WEIGHT
ME0708434-04A	B-9 (0-2')	REPORT IN DRY WEIGHT
ME0708434-05A	B-10 (0-2')	REPORT IN DRY WEIGHT



**QUALITY ENVIRONMENTAL PROFESSIONALS, INC.**

**CHAIN OF CUSTODY RECORD**

Set Name:	NBD Trial Property - GAN			Date Results Requested By: <u>S-49</u>													
Laboratory:	Microbac			<input checked="" type="checkbox"/> Please return original copy of Chain Of Custody Record to QEPi													
#:	64-05-024	Sampled By:	N. Vijay	<input checked="" type="checkbox"/> We request that you submit chromatographs with all laboratory results, plus QA/QC documentation.													
At To:	Quality Environmental Professionals, Inc. 1611 South Franklin Road • PHONE 317.351.4255 Indianapolis, IN 46239 • FAX 317.351.4265 Attention: Nimesh Vijay			Remarks													
Sample Description				Date	Time	Grab Comp	Date	Time	Grab Comp	Date	Time	Grab Comp	Date	Time	Grab Comp		
				7/9/07	10:10	X	5	X	X	X	X	X	ME0708434				
B-8 (0-2)					10:20												
B-8 (2-4)					10:40												
B-8 (8-10)					12:35												
B-9 (0-2)					12:45												
B-10 (0-2)																	
Relinquished By: (Signature)				Date/Time:	10/17 10:15			Received By: (Signature)									
Relinquished By: (Signature)				Date/Time:				Received By: (Signature)									
Relinquished By: (Signature)				Date/Time:				Received For Lab By: (Signature)									
Page:				Date/Time:				Received For Lab By: (Signature)									
21																	
								Date/Time:	8/10/07 12:40			Temperature Upon Arrival at Lab:					





September 10, 2007

Nivas Vijay  
Quality Environmental Professionals, Inc.  
1611 S. Franklin Road  
Indianapolis, IN 46239

Work Order No.: ME0708B07

RE: NBD Trust  
Dear Nivas Vijay:

Microbac Laboratories, Inc. received 7 samples on 8/27/2007 10:00:00 AM for the analyses presented in the following report.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

Sincerely,  
Microbac Laboratories, Inc.

A handwritten signature in black ink, appearing to read "Deborah Griffiths". The signature is fluid and cursive, with a large, stylized initial "D".

Deborah Griffiths  
Senior Project Manager

Enclosures



## WORK ORDER SAMPLE SUMMARY

Date: Monday, September 10, 2007

**CLIENT:** Quality Environmental Professionals, Inc.  
**Project:** NBD Trust  
**Lab Order:** ME0708B07

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
ME0708B07-01A	MW-1		8/26/2007 12:40:00 PM	8/27/2007
ME0708B07-01B	MW-1		8/26/2007 12:40:00 PM	8/27/2007
ME0708B07-01C	MW-1		8/26/2007 12:40:00 PM	8/27/2007
ME0708B07-02A	MW-2		8/26/2007 9:39:00 AM	8/27/2007
ME0708B07-02B	MW-2		8/26/2007 9:39:00 AM	8/27/2007
ME0708B07-02C	MW-2		8/26/2007 9:39:00 AM	8/27/2007
ME0708B07-03A	MW-3		8/26/2007 2:16:00 PM	8/27/2007
ME0708B07-03B	MW-3		8/26/2007 2:16:00 PM	8/27/2007
ME0708B07-03C	MW-3		8/26/2007 2:16:00 PM	8/27/2007
ME0708B07-04A	MW-4		8/26/2007 11:53:00 AM	8/27/2007
ME0708B07-04B	MW-4		8/26/2007 11:53:00 AM	8/27/2007
ME0708B07-04C	MW-4		8/26/2007 11:53:00 AM	8/27/2007
ME0708B07-05A	MW-5		8/26/2007 11:11:00 AM	8/27/2007
ME0708B07-05B	MW-5		8/26/2007 11:11:00 AM	8/27/2007
ME0708B07-05C	MW-5		8/26/2007 11:11:00 AM	8/27/2007
ME0708B07-06A	MW-6		8/26/2007 1:25:00 PM	8/27/2007
ME0708B07-06B	MW-6		8/26/2007 1:25:00 PM	8/27/2007
ME0708B07-06C	MW-6		8/26/2007 1:25:00 PM	8/27/2007
ME0708B07-07A	Duplicate			8/27/2007
ME0708B07-07B	Duplicate			8/27/2007
ME0708B07-07C	Duplicate			8/27/2007



## CASE NARRATIVE

Date: *Monday, September 10, 2007*

**Client:** Quality Environmental Professionals, Inc.  
**Project:** NBD Trust  
**Lab Order:** ME0708B07

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### Volatile Organics Analysis:

The 'J' flagged concentration of Cis-1,2-Dichloroethene in sample ME0708B07-06, may be due to carryover.

**ANALYTICAL RESULTS****Date:** Monday, September 10, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD Trust
<i>Client Sample ID:</i>	MW-1
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Aqueous
<i>Work Order / ID:</i>	ME0708B07-01
<i>Collection Date:</i>	08/26/07 12:40
<i>Date Received:</i>	08/27/07 10:00

<b>Analyses</b>	<b>ST</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Analyzed</b>
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<b>EXTENDED RANGE ORGANICS</b>		<b>Method: SW8015BMOD</b>		<b>Prep Date/Time: 08/31/07 08:21 Analyst: ALS</b>				
Extended Range Organics	A	6600	91	91		µg/L	1	09/01/07 01:43
Surr: Decafluorobiphenyl	S	89.1	0	50-150		%REC	1	09/01/07 01:43

<b>TOTAL METALS</b>		<b>Method: SW6010B</b>		<b>Prep Date/Time: 08/28/07 07:15 Analyst: AVC</b>				
Arsenic	A	0.0027	0.0025	0.010	Jb	mg/L	1	08/31/07 08:46
Barium	A	0.056	0.0003	0.0020		mg/L	1	08/31/07 08:46
Cadmium	A	ND	0.0003	0.0020		mg/L	1	08/31/07 08:46
Chromium	A	0.002	0.0006	0.0030	J	mg/L	1	08/31/07 08:46
Lead	A	ND	0.0025	0.0075		mg/L	1	08/31/07 08:46
Selenium	A	ND	0.0053	0.030		mg/L	1	08/31/07 08:46
Silver	A	ND	0.0013	0.010		mg/L	1	08/31/07 08:46

<b>TOTAL METALS</b>		<b>Method: SW7470A</b>		<b>Prep Date/Time: 08/28/07 07:25 Analyst: SAA</b>				
Mercury	A	ND	0.000043	0.00020		mg/L	1	08/28/07 11:06

<b>PAH BY GC/MS-SIM</b>		<b>Method: SW8270C</b>		<b>Prep Date/Time: 08/31/07 13:23 Analyst: BEM</b>				
Acenaphthene	A	0.58	0.15	1.0	J	µg/L	1	09/07/07 19:48
Acenaphthylene	A	ND	0.18	1.0		µg/L	1	09/07/07 19:48
Anthracene	A	ND	0.16	1.0		µg/L	1	09/07/07 19:48
Benzo[a]anthracene	A	ND	0.21	1.0		µg/L	1	09/07/07 19:48
Benzo[a]pyrene	A	ND	0.35	1.0		µg/L	1	09/07/07 19:48
Benzo[b]fluoranthene	A	ND	0.25	1.0		µg/L	1	09/07/07 19:48
Benzo[g,h,i]perylene	A	ND	0.22	1.0		µg/L	1	09/07/07 19:48
Benzo[k]fluoranthene	A	ND	0.25	1.0		µg/L	1	09/07/07 19:48
Chrysene	A	ND	0.19	1.0		µg/L	1	09/07/07 19:48
Dibenz[a,h]anthracene	A	ND	0.21	1.0		µg/L	1	09/07/07 19:48
Fluoranthene	A	ND	0.18	1.0		µg/L	1	09/07/07 19:48
Fluorene	A	0.42	0.15	1.0	J	µg/L	1	09/07/07 19:48
Indeno[1,2,3cd]pyrene	A	ND	0.21	1.0		µg/L	1	09/07/07 19:48
Naphthalene	A	0.23	0.12	1.0	J	µg/L	1	09/07/07 19:48
Phenanthrene	A	ND	0.18	1.0		µg/L	1	09/07/07 19:48
Pyrene	A	0.34	0.15	1.0	J	µg/L	1	09/07/07 19:48
Surr: Decafluorobiphenyl	S	41.3	0	13.8-106		%REC	1	09/07/07 19:48

<b>VOLATILE ORGANICS</b>		<b>Method: SW8260B</b>		<b>Prep Date/Time:</b>					<b>Analyst: BRR</b>
Acetone	A	6.9	5.8	50	J	µg/L	1	09/03/07 14:04	
Acrolein	A	ND	16	100		µg/L	1	09/03/07 14:04	



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

Client:	Quality Environmental Professionals, Inc.
Client Project:	NBD Trust
Client Sample ID:	MW-1
Sample Description:	
Sample Matrix:	Aqueous
	Work Order / ID: ME0708B07-01
	Collection Date: 08/26/07 12:40
	Date Received: 08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:		Analyst: BRR		
Acrylonitrile	A	ND	13	100		µg/L	1	09/03/07 14:04
Benzene	A	0.93	0.8	5.0	J	µg/L	1	09/03/07 14:04
Bromodichloromethane	A	ND	0.7	5.0		µg/L	1	09/03/07 14:04
Bromoform	A	ND	0.8	5.0		µg/L	1	09/03/07 14:04
Bromomethane	A	ND	1.8	10		µg/L	1	09/03/07 14:04
2-Butanone	A	ND	3.6	10		µg/L	1	09/03/07 14:04
Carbon Disulfide	A	ND	1.7	10		µg/L	1	09/03/07 14:04
Carbon tetrachloride	A	ND	1.7	5.0		µg/L	1	09/03/07 14:04
Chlorobenzene	A	ND	0.8	5.0		µg/L	1	09/03/07 14:04
Chloroethane	A	ND	2.3	10		µg/L	1	09/03/07 14:04
Chloroform	A	ND	0.9	5.0		µg/L	1	09/03/07 14:04
Chloromethane	A	1.8	1	10	J	µg/L	1	09/03/07 14:04
Dibromochloromethane	A	ND	0.8	5.0		µg/L	1	09/03/07 14:04
1,1-Dichloroethane	A	ND	0.8	5.0		µg/L	1	09/03/07 14:04
1,2-Dichloroethane	A	ND	1.2	5.0		µg/L	1	09/03/07 14:04
1,1-Dichloroethene	A	ND	1.7	5.0		µg/L	1	09/03/07 14:04
cis-1,2-Dichloroethene	A	ND	0.8	5.0		µg/L	1	09/03/07 14:04
trans-1,2-Dichloroethene	A	ND	1.1	5.0		µg/L	1	09/03/07 14:04
1,2-Dichloropropane	A	ND	1	5.0		µg/L	1	09/03/07 14:04
cis-1,3-Dichloropropene	A	ND	0.8	5.0		µg/L	1	09/03/07 14:04
trans-1,3-Dichloropropene	A	ND	0.7	5.0		µg/L	1	09/03/07 14:04
Ethylbenzene	A	ND	0.9	5.0		µg/L	1	09/03/07 14:04
2-Hexanone	A	ND	2.4	10		µg/L	1	09/03/07 14:04
4-Methyl-2-Pentanone	A	ND	1.7	10		µg/L	1	09/03/07 14:04
Methyl-t-Butyl Ether	A	ND	0.8	5.0		µg/L	1	09/03/07 14:04
Methylene chloride	A	ND	3.1	10		µg/L	1	09/03/07 14:04
Styrene	A	ND	0.7	5.0		µg/L	1	09/03/07 14:04
1,1,1,2-Tetrachloroethane	A	ND	1.1	10		µg/L	1	09/03/07 14:04
1,1,2,2-Tetrachloroethane	A	ND	1.4	5.0		µg/L	1	09/03/07 14:04
Tetrachloroethene	A	ND	1.3	5.0		µg/L	1	09/03/07 14:04
Toluene	A	1.1	0.9	5.0	J	µg/L	1	09/03/07 14:04
1,1,1-Trichloroethane	A	ND	0.9	5.0		µg/L	1	09/03/07 14:04
1,1,2-Trichloroethane	A	ND	0.9	5.0		µg/L	1	09/03/07 14:04
Trichloroethene	A	ND	0.9	5.0		µg/L	1	09/03/07 14:04
Vinyl Acetate	A	ND	1.5	10		µg/L	1	09/03/07 14:04
Vinyl chloride	A	ND	0.9	10		µg/L	1	09/03/07 14:04
m,p-Xylene	A	ND	1.7	5.0		µg/L	1	09/03/07 14:04
o-Xylene	A	0.92	0.9	5.0	J	µg/L	1	09/03/07 14:04
Trichlorofluoromethane	A	ND	1.1	10		µg/L	1	09/03/07 14:04



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

Client: Quality Environmental Professionals, Inc.  
Client Project: NBD Trust  
Client Sample ID: MW-1  
Sample Description:  
Sample Matrix: Aqueous

Work Order / ID: ME0708B07-01  
Collection Date: 08/26/07 12:40  
Date Received: 08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:			Analyst: BRR	
Total Xylenes	A	ND	0.9	5.0		µg/L	1	09/03/07 14:04
Surr: Toluene-d8	S	107	0	83.9-117		%REC	1	09/03/07 14:04
Surr: 4-Bromofluorobenzene	S	88.7	0	72.4-120		%REC	1	09/03/07 14:04
Surr: Dibromofluoromethane	S	112	0	80.2-126		%REC	1	09/03/07 14:04
Surr: 1,2-Dichloroethane-d4	S	108	0	74.4-132		%REC	1	09/03/07 14:04



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD Trust
<i>Client Sample ID:</i>	MW-2
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Aqueous
<i>Work Order / ID:</i>	ME0708B07-02
<i>Collection Date:</i>	08/26/07 09:39
<i>Date Received:</i>	08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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EXTENDED RANGE ORGANICS		Method: SW8015BMOD		Prep Date/Time: 08/31/07 08:21 Analyst: ALS				
Extended Range Organics	A	250	91	91		µg/L	1	09/01/07 02:23
Surr: Decafluorobiphenyl	S	82.5	0	50-150		%REC	1	09/01/07 02:23

TOTAL METALS		Method: SW6010B		Prep Date/Time: 08/28/07 07:15 Analyst: AVC				
Arsenic	A	ND	0.0025	0.010		mg/L	1	08/31/07 08:51
Barium	A	0.013	0.0003	0.0020		mg/L	1	08/31/07 08:51
Cadmium	A	ND	0.0003	0.0020		mg/L	1	08/31/07 08:51
Chromium	A	0.0019	0.0006	0.0030	J	mg/L	1	08/31/07 08:51
Lead	A	0.0031	0.0025	0.0075	Jb	mg/L	1	08/31/07 12:58
Selenium	A	ND	0.0053	0.030		mg/L	1	08/31/07 08:51
Silver	A	ND	0.0013	0.010		mg/L	1	08/31/07 08:51

TOTAL METALS		Method: SW7470A		Prep Date/Time: 08/28/07 07:25 Analyst: SAA				
Mercury	A	ND	0.000043	0.00020		mg/L	1	08/28/07 11:07

PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/31/07 13:23 Analyst: BEM				
Acenaphthene	A	ND	0.15	1.0		µg/L	1	09/07/07 20:14
Acenaphthylene	A	ND	0.18	1.0		µg/L	1	09/07/07 20:14
Anthracene	A	ND	0.16	1.0		µg/L	1	09/07/07 20:14
Benzo[a]anthracene	A	ND	0.21	1.0		µg/L	1	09/07/07 20:14
Benzo[a]pyrene	A	ND	0.35	1.0		µg/L	1	09/07/07 20:14
Benzo[b]fluoranthene	A	ND	0.25	1.0		µg/L	1	09/07/07 20:14
Benzo[g,h,i]perylene	A	ND	0.22	1.0		µg/L	1	09/07/07 20:14
Benzo[k]fluoranthene	A	ND	0.25	1.0		µg/L	1	09/07/07 20:14
Chrysene	A	ND	0.19	1.0		µg/L	1	09/07/07 20:14
Dibenz[a,h]anthracene	A	ND	0.21	1.0		µg/L	1	09/07/07 20:14
Fluoranthene	A	ND	0.18	1.0		µg/L	1	09/07/07 20:14
Fluorene	A	ND	0.15	1.0		µg/L	1	09/07/07 20:14
Indeno[1,2,3cd]pyrene	A	ND	0.21	1.0		µg/L	1	09/07/07 20:14
Naphthalene	A	ND	0.12	1.0		µg/L	1	09/07/07 20:14
Phenanthrene	A	ND	0.18	1.0		µg/L	1	09/07/07 20:14
Pyrene	A	ND	0.15	1.0		µg/L	1	09/07/07 20:14
Surr: Decafluorobiphenyl	S	71.7	0	13.8-106		%REC	1	09/07/07 20:14

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:					Analyst: BRR
Acetone	A	ND	5.8	50		µg/L	1	09/03/07 14:41	
Acrolein	A	ND	16	100		µg/L	1	09/03/07 14:41	

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## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

Client:	Quality Environmental Professionals, Inc.
Client Project:	NBD Trust
Client Sample ID:	MW-2
Sample Description:	
Sample Matrix:	Aqueous
	Work Order / ID: ME0708B07-02
	Collection Date: 08/26/07 09:39
	Date Received: 08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B			Prep Date/Time:		Analyst: BRR
Acrylonitrile	A	ND	13	100		µg/L	1
Benzene	A	ND	0.8	5.0		µg/L	1
Bromodichloromethane	A	ND	0.7	5.0		µg/L	1
Bromoform	A	ND	0.8	5.0		µg/L	1
Bromomethane	A	ND	1.8	10		µg/L	1
2-Butanone	A	ND	3.6	10		µg/L	1
Carbon Disulfide	A	ND	1.7	10		µg/L	1
Carbon tetrachloride	A	ND	1.7	5.0		µg/L	1
Chlorobenzene	A	ND	0.8	5.0		µg/L	1
Chloroethane	A	ND	2.3	10		µg/L	1
Chloroform	A	ND	0.9	5.0		µg/L	1
Chloromethane	A	ND	1	10		µg/L	1
Dibromochloromethane	A	ND	0.8	5.0		µg/L	1
1,1-Dichloroethane	A	ND	0.8	5.0		µg/L	1
1,2-Dichloroethane	A	ND	1.2	5.0		µg/L	1
1,1-Dichloroethene	A	ND	1.7	5.0		µg/L	1
cis-1,2-Dichloroethene	A	ND	0.8	5.0		µg/L	1
trans-1,2-Dichloroethene	A	ND	1.1	5.0		µg/L	1
1,2-Dichloropropane	A	ND	1	5.0		µg/L	1
cis-1,3-Dichloropropene	A	ND	0.8	5.0		µg/L	1
trans-1,3-Dichloropropene	A	ND	0.7	5.0		µg/L	1
Ethylbenzene	A	ND	0.9	5.0		µg/L	1
2-Hexanone	A	ND	2.4	10		µg/L	1
4-Methyl-2-Pentanone	A	ND	1.7	10		µg/L	1
Methyl-t-Butyl Ether	A	ND	0.8	5.0		µg/L	1
Methylene chloride	A	ND	3.1	10		µg/L	1
Styrene	A	ND	0.7	5.0		µg/L	1
1,1,1,2-Tetrachloroethane	A	ND	1.1	10		µg/L	1
1,1,2,2-Tetrachloroethane	A	ND	1.4	5.0		µg/L	1
Tetrachloroethene	A	ND	1.3	5.0		µg/L	1
Toluene	A	ND	0.9	5.0		µg/L	1
1,1,1-Trichloroethane	A	ND	0.9	5.0		µg/L	1
1,1,2-Trichloroethane	A	ND	0.9	5.0		µg/L	1
Trichloroethene	A	ND	0.9	5.0		µg/L	1
Vinyl Acetate	A	ND	1.5	10		µg/L	1
Vinyl chloride	A	ND	0.9	10		µg/L	1
m,p-Xylene	A	ND	1.7	5.0		µg/L	1
o-Xylene	A	ND	0.9	5.0		µg/L	1
Trichlorofluoromethane	A	ND	1.1	10		µg/L	1



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

Client: Quality Environmental Professionals, Inc.  
Client Project: NBD Trust  
Client Sample ID: MW-2  
Sample Description:  
Sample Matrix: Aqueous

Work Order / ID: ME0708B07-02  
Collection Date: 08/26/07 09:39  
Date Received: 08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:			Analyst: BRR	
Total Xylenes	A	ND	0.9	5.0		µg/L	1	09/03/07 14:41
Surr: Toluene-d8	S	99.6	0	83.9-117		%REC	1	09/03/07 14:41
Surr: 4-Bromofluorobenzene	S	82.1	0	72.4-120		%REC	1	09/03/07 14:41
Surr: Dibromofluoromethane	S	109	0	80.2-126		%REC	1	09/03/07 14:41
Surr: 1,2-Dichloroethane-d4	S	104	0	74.4-132		%REC	1	09/03/07 14:41



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD Trust
<i>Client Sample ID:</i>	MW-3
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Aqueous
<i>Work Order / ID:</i>	ME0708B07-03
<i>Collection Date:</i>	08/26/07 14:16
<i>Date Received:</i>	08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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EXTENDED RANGE ORGANICS		Method: SW8015BMOD		Prep Date/Time: 08/31/07 08:21 Analyst: ALS				
Extended Range Organics	A	4700	100	100		µg/L	1	09/01/07 04:23
Surr: Decafluorobiphenyl	S	84.2	0	50-150		%REC	1	09/01/07 04:23

TOTAL METALS		Method: SW6010B		Prep Date/Time: 08/28/07 07:15 Analyst: AVC				
Arsenic	A	0.018	0.0025	0.010	b	mg/L	1	08/31/07 08:56
Barium	A	0.029	0.0003	0.0020		mg/L	1	08/31/07 08:56
Cadmium	A	ND	0.0003	0.0020		mg/L	1	08/31/07 08:56
Chromium	A	0.0021	0.0006	0.0030	J	mg/L	1	08/31/07 08:56
Lead	A	0.040	0.0025	0.0075	b	mg/L	1	08/31/07 08:56
Selenium	A	ND	0.0053	0.030		mg/L	1	08/31/07 08:56
Silver	A	0.0026	0.0013	0.010	J	mg/L	1	08/31/07 08:56

TOTAL METALS		Method: SW7470A		Prep Date/Time: 08/28/07 07:25 Analyst: SAA				
Mercury	A	ND	0.000043	0.00020		mg/L	1	08/28/07 11:08

PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/31/07 13:23 Analyst: BEM				
Acenaphthene	A	0.56	0.15	1.0	J	µg/L	1	09/07/07 21:30
Acenaphthylene	A	ND	0.18	1.0		µg/L	1	09/07/07 21:30
Anthracene	A	0.88	0.16	1.0	J	µg/L	1	09/07/07 21:30
Benzo[a]anthracene	A	1.3	0.21	1.0		µg/L	1	09/07/07 21:30
Benzo[a]pyrene	A	0.57	0.35	1.0	J	µg/L	1	09/07/07 21:30
Benzo[b]fluoranthene	A	0.84	0.25	1.0	J	µg/L	1	09/07/07 21:30
Benzo[g,h,i]perylene	A	0.58	0.22	1.0	J	µg/L	1	09/07/07 21:30
Benzo[k]fluoranthene	A	ND	0.25	1.0		µg/L	1	09/07/07 21:30
Chrysene	A	1.7	0.19	1.0		µg/L	1	09/07/07 21:30
Dibenz[a,h]anthracene	A	ND	0.21	1.0		µg/L	1	09/07/07 21:30
Fluoranthene	A	1.9	0.18	1.0		µg/L	1	09/07/07 21:30
Fluorene	A	4.0	0.15	1.0		µg/L	1	09/07/07 21:30
Indeno[1,2,3cd]pyrene	A	ND	0.21	1.0		µg/L	1	09/07/07 21:30
Naphthalene	A	0.66	0.12	1.0	J	µg/L	1	09/07/07 21:30
Phenanthrene	A	41	0.18	1.0		µg/L	1	09/07/07 21:30
Pyrene	A	4.1	0.15	1.0		µg/L	1	09/07/07 21:30
Surr: Decafluorobiphenyl	S	59.7	0	13.8-106		%REC	1	09/07/07 21:30

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:				
				Analyst: BRR				
Acetone	A	ND	5.8	50		µg/L	1	09/03/07 15:17
Acrolein	A	ND	16	100		µg/L	1	09/03/07 15:17

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## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

Client:	Quality Environmental Professionals, Inc.
Client Project:	NBD Trust
Client Sample ID:	MW-3
Sample Description:	
Sample Matrix:	Aqueous
	Work Order / ID: ME0708B07-03
	Collection Date: 08/26/07 14:16
	Date Received: 08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B			Prep Date/Time:		Analyst: BRR	
Acrylonitrile	A	ND	13	100		µg/L	1	09/03/07 15:17
Benzene	A	2	0.8	5.0	J	µg/L	1	09/03/07 15:17
Bromodichloromethane	A	ND	0.7	5.0		µg/L	1	09/03/07 15:17
Bromoform	A	ND	0.8	5.0		µg/L	1	09/03/07 15:17
Bromomethane	A	ND	1.8	10		µg/L	1	09/03/07 15:17
2-Butanone	A	ND	3.6	10		µg/L	1	09/03/07 15:17
Carbon Disulfide	A	ND	1.7	10		µg/L	1	09/03/07 15:17
Carbon tetrachloride	A	ND	1.7	5.0		µg/L	1	09/03/07 15:17
Chlorobenzene	A	ND	0.8	5.0		µg/L	1	09/03/07 15:17
Chloroethane	A	ND	2.3	10		µg/L	1	09/03/07 15:17
Chloroform	A	ND	0.9	5.0		µg/L	1	09/03/07 15:17
Chloromethane	A	1.5	1	10	J	µg/L	1	09/03/07 15:17
Dibromochloromethane	A	ND	0.8	5.0		µg/L	1	09/03/07 15:17
1,1-Dichloroethane	A	ND	0.8	5.0		µg/L	1	09/03/07 15:17
1,2-Dichloroethane	A	ND	1.2	5.0		µg/L	1	09/03/07 15:17
1,1-Dichloroethene	A	ND	1.7	5.0		µg/L	1	09/03/07 15:17
cis-1,2-Dichloroethene	A	ND	0.8	5.0		µg/L	1	09/03/07 15:17
trans-1,2-Dichloroethene	A	ND	1.1	5.0		µg/L	1	09/03/07 15:17
1,2-Dichloropropane	A	ND	1	5.0		µg/L	1	09/03/07 15:17
cis-1,3-Dichloropropene	A	ND	0.8	5.0		µg/L	1	09/03/07 15:17
trans-1,3-Dichloropropene	A	ND	0.7	5.0		µg/L	1	09/03/07 15:17
Ethylbenzene	A	1.9	0.9	5.0	J	µg/L	1	09/03/07 15:17
2-Hexanone	A	ND	2.4	10		µg/L	1	09/03/07 15:17
4-Methyl-2-Pentanone	A	ND	1.7	10		µg/L	1	09/03/07 15:17
Methyl-t-Butyl Ether	A	ND	0.8	5.0		µg/L	1	09/03/07 15:17
Methylene chloride	A	ND	3.1	10		µg/L	1	09/03/07 15:17
Styrene	A	ND	0.7	5.0		µg/L	1	09/03/07 15:17
1,1,1,2-Tetrachloroethane	A	ND	1.1	10		µg/L	1	09/03/07 15:17
1,1,2,2-Tetrachloroethane	A	ND	1.4	5.0		µg/L	1	09/03/07 15:17
Tetrachloroethene	A	ND	1.3	5.0		µg/L	1	09/03/07 15:17
Toluene	A	1.2	0.9	5.0	J	µg/L	1	09/03/07 15:17
1,1,1-Trichloroethane	A	ND	0.9	5.0		µg/L	1	09/03/07 15:17
1,1,2-Trichloroethane	A	ND	0.9	5.0		µg/L	1	09/03/07 15:17
Trichloroethene	A	ND	0.9	5.0		µg/L	1	09/03/07 15:17
Vinyl Acetate	A	ND	1.5	10		µg/L	1	09/03/07 15:17
Vinyl chloride	A	ND	0.9	10		µg/L	1	09/03/07 15:17
m,p-Xylene	A	3.1	1.7	5.0	J	µg/L	1	09/03/07 15:17
o-Xylene	A	1.1	0.9	5.0	J	µg/L	1	09/03/07 15:17
Trichlorofluoromethane	A	ND	1.1	10		µg/L	1	09/03/07 15:17



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

Client: Quality Environmental Professionals, Inc.  
Client Project: NBD Trust  
Client Sample ID: MW-3  
Sample Description:  
Sample Matrix: Aqueous

Work Order / ID: ME0708B07-03  
Collection Date: 08/26/07 14:16  
Date Received: 08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:			Analyst: BRR	
Total Xylenes	A	ND	0.9	5.0		µg/L	1	09/03/07 15:17
Surr: Toluene-d8	S	114	0	83.9-117		%REC	1	09/03/07 15:17
Surr: 4-Bromofluorobenzene	S	91.1	0	72.4-120		%REC	1	09/03/07 15:17
Surr: Dibromofluoromethane	S	108	0	80.2-126		%REC	1	09/03/07 15:17
Surr: 1,2-Dichloroethane-d4	S	100	0	74.4-132		%REC	1	09/03/07 15:17



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD Trust
<i>Client Sample ID:</i>	MW-4
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Aqueous
<i>Work Order / ID:</i>	ME0708B07-04
<i>Collection Date:</i>	08/26/07 11:53
<i>Date Received:</i>	08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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EXTENDED RANGE ORGANICS		Method: SW8015BMOD		Prep Date/Time: 08/31/07 08:21 Analyst: ALS				
Extended Range Organics	A	ND	100	100		µg/L	1	09/01/07 05:03
Surr: Decafluorobiphenyl	S	79.6	0	50-150		%REC	1	09/01/07 05:03

TOTAL METALS		Method: SW6010B		Prep Date/Time: 08/28/07 07:15 Analyst: AVC				
Arsenic	A	ND	0.0025	0.010		µg/L	1	08/31/07 09:02
Barium	A	0.066	0.0003	0.0020		µg/L	1	08/31/07 09:02
Cadmium	A	ND	0.0003	0.0020		µg/L	1	08/31/07 09:02
Chromium	A	0.0016	0.0006	0.0030	J	µg/L	1	08/31/07 09:02
Lead	A	ND	0.0025	0.0075		µg/L	1	08/31/07 09:02
Selenium	A	ND	0.0053	0.030		µg/L	1	08/31/07 09:02
Silver	A	ND	0.0013	0.010		µg/L	1	08/31/07 09:02

TOTAL METALS		Method: SW7470A		Prep Date/Time: 08/28/07 07:25 Analyst: SAA				
Mercury	A	ND	0.000043	0.00020		µg/L	1	08/28/07 11:10

PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/31/07 13:23 Analyst: BEM				
Acenaphthene	A	ND	0.15	1.0		µg/L	1	09/07/07 20:39
Acenaphthylene	A	ND	0.18	1.0		µg/L	1	09/07/07 20:39
Anthracene	A	ND	0.16	1.0		µg/L	1	09/07/07 20:39
Benzo[a]anthracene	A	ND	0.21	1.0		µg/L	1	09/07/07 20:39
Benzo[a]pyrene	A	ND	0.35	1.0		µg/L	1	09/07/07 20:39
Benzo[b]fluoranthene	A	ND	0.25	1.0		µg/L	1	09/07/07 20:39
Benzo[g,h,i]perylene	A	ND	0.22	1.0		µg/L	1	09/07/07 20:39
Benzo[k]fluoranthene	A	ND	0.25	1.0		µg/L	1	09/07/07 20:39
Chrysene	A	ND	0.19	1.0		µg/L	1	09/07/07 20:39
Dibenz[a,h]anthracene	A	ND	0.21	1.0		µg/L	1	09/07/07 20:39
Fluoranthene	A	ND	0.18	1.0		µg/L	1	09/07/07 20:39
Fluorene	A	ND	0.15	1.0		µg/L	1	09/07/07 20:39
Indeno[1,2,3cd]pyrene	A	ND	0.21	1.0		µg/L	1	09/07/07 20:39
Naphthalene	A	ND	0.12	1.0		µg/L	1	09/07/07 20:39
Phenanthrene	A	ND	0.18	1.0		µg/L	1	09/07/07 20:39
Pyrene	A	ND	0.15	1.0		µg/L	1	09/07/07 20:39
Surr: Decafluorobiphenyl	S	62.2	0	13.8-106		%REC	1	09/07/07 20:39

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:					Analyst: BRR
Acetone	A	ND	5.8	50		µg/L	1	09/03/07 15:54	
Acrolein	A	ND	16	100		µg/L	1	09/03/07 15:54	

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**ANALYTICAL RESULTS****Date:** Monday, September 10, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD Trust
<i>Client Sample ID:</i>	MW-4
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Aqueous
<i>Work Order / ID:</i>	ME0708B07-04
<i>Collection Date:</i>	08/26/07 11:53
<i>Date Received:</i>	08/27/07 10:00

<b>Analyses</b>	<b>ST</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Analyzed</b>
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<b>VOLATILE ORGANICS</b>		Method: <b>SW8260B</b>			Prep Date/Time:			Analyst: <b>BRR</b>
Acrylonitrile	A	<b>ND</b>	13	100		µg/L	1	09/03/07 15:54
Benzene	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 15:54
Bromodichloromethane	A	<b>ND</b>	0.7	5.0		µg/L	1	09/03/07 15:54
Bromoform	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 15:54
Bromomethane	A	<b>ND</b>	1.8	10		µg/L	1	09/03/07 15:54
2-Butanone	A	<b>ND</b>	3.6	10		µg/L	1	09/03/07 15:54
Carbon Disulfide	A	<b>ND</b>	1.7	10		µg/L	1	09/03/07 15:54
Carbon tetrachloride	A	<b>ND</b>	1.7	5.0		µg/L	1	09/03/07 15:54
Chlorobenzene	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 15:54
Chloroethane	A	<b>ND</b>	2.3	10		µg/L	1	09/03/07 15:54
Chloroform	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 15:54
Chloromethane	A	<b>1.2</b>	1	10	J	µg/L	1	09/03/07 15:54
Dibromochloromethane	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 15:54
1,1-Dichloroethane	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 15:54
1,2-Dichloroethane	A	<b>ND</b>	1.2	5.0		µg/L	1	09/03/07 15:54
1,1-Dichloroethene	A	<b>ND</b>	1.7	5.0		µg/L	1	09/03/07 15:54
cis-1,2-Dichloroethene	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 15:54
trans-1,2-Dichloroethene	A	<b>ND</b>	1.1	5.0		µg/L	1	09/03/07 15:54
1,2-Dichloropropane	A	<b>ND</b>	1	5.0		µg/L	1	09/03/07 15:54
cis-1,3-Dichloropropene	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 15:54
trans-1,3-Dichloropropene	A	<b>ND</b>	0.7	5.0		µg/L	1	09/03/07 15:54
Ethylbenzene	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 15:54
2-Hexanone	A	<b>ND</b>	2.4	10		µg/L	1	09/03/07 15:54
4-Methyl-2-Pentanone	A	<b>ND</b>	1.7	10		µg/L	1	09/03/07 15:54
Methyl-t-Butyl Ether	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 15:54
Methylene chloride	A	<b>ND</b>	3.1	10		µg/L	1	09/03/07 15:54
Styrene	A	<b>ND</b>	0.7	5.0		µg/L	1	09/03/07 15:54
1,1,1,2-Tetrachloroethane	A	<b>ND</b>	1.1	10		µg/L	1	09/03/07 15:54
1,1,2,2-Tetrachloroethane	A	<b>ND</b>	1.4	5.0		µg/L	1	09/03/07 15:54
Tetrachloroethene	A	<b>ND</b>	1.3	5.0		µg/L	1	09/03/07 15:54
Toluene	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 15:54
1,1,1-Trichloroethane	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 15:54
1,1,2-Trichloroethane	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 15:54
Trichloroethene	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 15:54
Vinyl Acetate	A	<b>ND</b>	1.5	10		µg/L	1	09/03/07 15:54
Vinyl chloride	A	<b>ND</b>	0.9	10		µg/L	1	09/03/07 15:54
m,p-Xylene	A	<b>ND</b>	1.7	5.0		µg/L	1	09/03/07 15:54
o-Xylene	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 15:54
Trichlorofluoromethane	A	<b>ND</b>	1.1	10		µg/L	1	09/03/07 15:54



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

Client: Quality Environmental Professionals, Inc.  
Client Project: NBD Trust  
Client Sample ID: MW-4  
Sample Description:  
Sample Matrix: Aqueous

Work Order / ID: ME0708B07-04  
Collection Date: 08/26/07 11:53  
Date Received: 08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:			Analyst: BRR	
Total Xylenes	A	ND	0.9	5.0		µg/L	1	09/03/07 15:54
Surr: Toluene-d8	S	103	0	83.9-117		%REC	1	09/03/07 15:54
Surr: 4-Bromofluorobenzene	S	86.5	0	72.4-120		%REC	1	09/03/07 15:54
Surr: Dibromofluoromethane	S	111	0	80.2-126		%REC	1	09/03/07 15:54
Surr: 1,2-Dichloroethane-d4	S	105	0	74.4-132		%REC	1	09/03/07 15:54



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD Trust
<i>Client Sample ID:</i>	MW-5
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Aqueous
<i>Work Order / ID:</i>	ME0708B07-05
<i>Collection Date:</i>	08/26/07 11:11
<i>Date Received:</i>	08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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EXTENDED RANGE ORGANICS		Method: SW8015BMOD		Prep Date/Time: 08/31/07 08:21 Analyst: ALS				
Extended Range Organics	A	6600	100	100		µg/L	1	09/01/07 05:43
Surr: Decafluorobiphenyl	S	88.7	0	50-150		%REC	1	09/01/07 05:43

TOTAL METALS		Method: SW6010B		Prep Date/Time: 08/28/07 07:15 Analyst: AVC				
Arsenic	A	0.0066	0.0025	0.010	Jb	mg/L	1	08/31/07 09:23
Barium	A	0.038	0.0003	0.0020		mg/L	1	08/31/07 09:23
Cadmium	A	ND	0.0003	0.0020		mg/L	1	08/31/07 09:23
Chromium	A	0.11	0.0006	0.0030		mg/L	1	08/31/07 09:23
Lead	A	ND	0.0025	0.0075		mg/L	1	08/31/07 13:03
Selenium	A	ND	0.0053	0.030		mg/L	1	08/31/07 09:23
Silver	A	ND	0.0013	0.010		mg/L	1	08/31/07 09:23

TOTAL METALS		Method: SW7470A		Prep Date/Time: 08/28/07 07:25 Analyst: SAA				
Mercury	A	ND	0.000043	0.00020		mg/L	1	08/28/07 11:11

PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/31/07 13:23 Analyst: BEM				
Acenaphthene	A	ND	0.15	1.0		µg/L	1	09/07/07 21:05
Acenaphthylene	A	ND	0.18	1.0		µg/L	1	09/07/07 21:05
Anthracene	A	ND	0.16	1.0		µg/L	1	09/07/07 21:05
Benzo[a]anthracene	A	ND	0.21	1.0		µg/L	1	09/07/07 21:05
Benzo[a]pyrene	A	ND	0.35	1.0		µg/L	1	09/07/07 21:05
Benzo[b]fluoranthene	A	ND	0.25	1.0		µg/L	1	09/07/07 21:05
Benzo[g,h,i]perylene	A	ND	0.22	1.0		µg/L	1	09/07/07 21:05
Benzo[k]fluoranthene	A	ND	0.25	1.0		µg/L	1	09/07/07 21:05
Chrysene	A	ND	0.19	1.0		µg/L	1	09/07/07 21:05
Dibenz[a,h]anthracene	A	ND	0.21	1.0		µg/L	1	09/07/07 21:05
Fluoranthene	A	ND	0.18	1.0		µg/L	1	09/07/07 21:05
Fluorene	A	ND	0.15	1.0		µg/L	1	09/07/07 21:05
Indeno[1,2,3cd]pyrene	A	ND	0.21	1.0		µg/L	1	09/07/07 21:05
Naphthalene	A	0.39	0.12	1.0	J	µg/L	1	09/07/07 21:05
Phenanthrene	A	ND	0.18	1.0		µg/L	1	09/07/07 21:05
Pyrene	A	ND	0.15	1.0		µg/L	1	09/07/07 21:05
Surr: Decafluorobiphenyl	S	56.1	0	13.8-106		%REC	1	09/07/07 21:05

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:					Analyst: BRR
Acetone	A	15	5.8	50	J	µg/L	1	09/03/07 16:30	
Acrolein	A	ND	16	100		µg/L	1	09/03/07 16:30	

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**ANALYTICAL RESULTS****Date:** Monday, September 10, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD Trust
<i>Client Sample ID:</i>	MW-5
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Aqueous
<i>Work Order / ID:</i>	ME0708B07-05
<i>Collection Date:</i>	08/26/07 11:11
<i>Date Received:</i>	08/27/07 10:00

<b>Analyses</b>	<b>ST</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Analyzed</b>
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<b>VOLATILE ORGANICS</b>		Method: <b>SW8260B</b>			Prep Date/Time:			Analyst: <b>BR</b>
Acrylonitrile	A	<b>ND</b>	13	100		µg/L	1	09/03/07 16:30
Benzene	A	<b>6.1</b>	0.8	5.0		µg/L	1	09/03/07 16:30
Bromodichloromethane	A	<b>ND</b>	0.7	5.0		µg/L	1	09/03/07 16:30
Bromoform	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 16:30
Bromomethane	A	<b>ND</b>	1.8	10		µg/L	1	09/03/07 16:30
2-Butanone	A	<b>ND</b>	3.6	10		µg/L	1	09/03/07 16:30
Carbon Disulfide	A	<b>ND</b>	1.7	10		µg/L	1	09/03/07 16:30
Carbon tetrachloride	A	<b>ND</b>	1.7	5.0		µg/L	1	09/03/07 16:30
Chlorobenzene	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 16:30
Chloroethane	A	<b>2.8</b>	2.3	10	J	µg/L	1	09/03/07 16:30
Chloroform	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 16:30
Chloromethane	A	<b>ND</b>	1	10		µg/L	1	09/03/07 16:30
Dibromochloromethane	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 16:30
1,1-Dichloroethane	A	<b>80</b>	0.8	5.0		µg/L	1	09/03/07 16:30
1,2-Dichloroethane	A	<b>4.4</b>	1.2	5.0	J	µg/L	1	09/03/07 16:30
1,1-Dichloroethene	A	<b>ND</b>	1.7	5.0		µg/L	1	09/03/07 16:30
cis-1,2-Dichloroethene	A	<b>310</b>	8	50		µg/L	10	09/04/07 12:23
trans-1,2-Dichloroethene	A	<b>3.1</b>	1.1	5.0	J	µg/L	1	09/03/07 16:30
1,2-Dichloropropane	A	<b>ND</b>	1	5.0		µg/L	1	09/03/07 16:30
cis-1,3-Dichloropropene	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 16:30
trans-1,3-Dichloropropene	A	<b>ND</b>	0.7	5.0		µg/L	1	09/03/07 16:30
Ethylbenzene	A	<b>2.9</b>	0.9	5.0	J	µg/L	1	09/03/07 16:30
2-Hexanone	A	<b>ND</b>	2.4	10		µg/L	1	09/03/07 16:30
4-Methyl-2-Pentanone	A	<b>ND</b>	1.7	10		µg/L	1	09/03/07 16:30
Methyl-t-Butyl Ether	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 16:30
Methylene chloride	A	<b>ND</b>	3.1	10		µg/L	1	09/03/07 16:30
Styrene	A	<b>ND</b>	0.7	5.0		µg/L	1	09/03/07 16:30
1,1,1,2-Tetrachloroethane	A	<b>ND</b>	1.1	10		µg/L	1	09/03/07 16:30
1,1,2,2-Tetrachloroethane	A	<b>ND</b>	1.4	5.0		µg/L	1	09/03/07 16:30
Tetrachloroethene	A	<b>ND</b>	1.3	5.0		µg/L	1	09/03/07 16:30
Toluene	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 16:30
1,1,1-Trichloroethane	A	<b>1.3</b>	0.9	5.0	J	µg/L	1	09/03/07 16:30
1,1,2-Trichloroethane	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 16:30
Trichloroethene	A	<b>10</b>	0.9	5.0		µg/L	1	09/03/07 16:30
Vinyl Acetate	A	<b>ND</b>	1.5	10		µg/L	1	09/03/07 16:30
Vinyl chloride	A	<b>20</b>	0.9	10		µg/L	1	09/03/07 16:30
m,p-Xylene	A	<b>2.3</b>	1.7	5.0	J	µg/L	1	09/03/07 16:30
o-Xylene	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 16:30
Trichlorofluoromethane	A	<b>ND</b>	1.1	10		µg/L	1	09/03/07 16:30



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

Client: Quality Environmental Professionals, Inc.  
Client Project: NBD Trust  
Client Sample ID: MW-5  
Sample Description:  
Sample Matrix: Aqueous

Work Order / ID: ME0708B07-05  
Collection Date: 08/26/07 11:11  
Date Received: 08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:			Analyst: BRR	
Total Xylenes	A	ND	0.9	5.0		µg/L	1	09/03/07 16:30
Surr: Toluene-d8	S	109	0	83.9-117		%REC	1	09/03/07 16:30
Surr: 4-Bromofluorobenzene	S	85.1	0	72.4-120		%REC	1	09/03/07 16:30
Surr: Dibromofluoromethane	S	111	0	80.2-126		%REC	1	09/03/07 16:30
Surr: 1,2-Dichloroethane-d4	S	108	0	74.4-132		%REC	1	09/03/07 16:30

**ANALYTICAL RESULTS****Date:** Monday, September 10, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD Trust
<i>Client Sample ID:</i>	MW-6
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Aqueous
<i>Work Order / ID:</i>	ME0708B07-06
<i>Collection Date:</i>	08/26/07 13:25
<i>Date Received:</i>	08/27/07 10:00

<b>Analyses</b>	<b>ST</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Analyzed</b>
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<b>TOTAL METALS</b>		Method: <b>SW6010B</b>		Prep Date/Time: <b>08/28/07 07:15</b> Analyst: <b>AVC</b>				
Arsenic	A	<b>0.003</b>	0.0025	0.010	Jb	mg/L	1	08/31/07 09:28
Barium	A	<b>0.073</b>	0.0003	0.0020		mg/L	1	08/31/07 09:28
Cadmium	A	<b>ND</b>	0.0003	0.0020		mg/L	1	08/31/07 09:28
Chromium	A	<b>0.0024</b>	0.0006	0.0030	J	mg/L	1	08/31/07 09:28
Lead	A	<b>ND</b>	0.0025	0.0075		mg/L	1	08/31/07 11:48
Selenium	A	<b>ND</b>	0.0053	0.030		mg/L	1	08/31/07 09:28
Silver	A	<b>ND</b>	0.0013	0.010		mg/L	1	08/31/07 09:28
<b>TOTAL METALS</b>		Method: <b>SW7470A</b>		Prep Date/Time: <b>08/28/07 07:25</b> Analyst: <b>SAA</b>				
Mercury	A	<b>ND</b>	0.000043	0.00020		mg/L	1	08/28/07 11:15

<b>VOLATILE ORGANICS</b>		Method: <b>SW8260B</b>		Prep Date/Time:				
Acetone	A	<b>ND</b>	5.8	50		µg/L	1	09/03/07 17:07
Acrolein	A	<b>ND</b>	16	100		µg/L	1	09/03/07 17:07
Acrylonitrile	A	<b>ND</b>	13	100		µg/L	1	09/03/07 17:07
Benzene	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 17:07
Bromodichloromethane	A	<b>ND</b>	0.7	5.0		µg/L	1	09/03/07 17:07
Bromoform	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 17:07
Bromomethane	A	<b>ND</b>	1.8	10		µg/L	1	09/03/07 17:07
2-Butanone	A	<b>ND</b>	3.6	10		µg/L	1	09/03/07 17:07
Carbon Disulfide	A	<b>ND</b>	1.7	10		µg/L	1	09/03/07 17:07
Carbon tetrachloride	A	<b>ND</b>	1.7	5.0		µg/L	1	09/03/07 17:07
Chlorobenzene	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 17:07
Chloroethane	A	<b>ND</b>	2.3	10		µg/L	1	09/03/07 17:07
Chloroform	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 17:07
Chloromethane	A	<b>1.6</b>	1	10	J	µg/L	1	09/03/07 17:07
Dibromochloromethane	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 17:07
1,1-Dichloroethane	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 17:07
1,2-Dichloroethane	A	<b>ND</b>	1.2	5.0		µg/L	1	09/03/07 17:07
1,1-Dichloroethene	A	<b>ND</b>	1.7	5.0		µg/L	1	09/03/07 17:07
cis-1,2-Dichloroethene	A	<b>0.87</b>	0.8	5.0	J	µg/L	1	09/03/07 17:07
trans-1,2-Dichloroethene	A	<b>ND</b>	1.1	5.0		µg/L	1	09/03/07 17:07
1,2-Dichloropropane	A	<b>ND</b>	1	5.0		µg/L	1	09/03/07 17:07
cis-1,3-Dichloropropene	A	<b>ND</b>	0.8	5.0		µg/L	1	09/03/07 17:07
trans-1,3-Dichloropropene	A	<b>ND</b>	0.7	5.0		µg/L	1	09/03/07 17:07
Ethylbenzene	A	<b>ND</b>	0.9	5.0		µg/L	1	09/03/07 17:07
2-Hexanone	A	<b>ND</b>	2.4	10		µg/L	1	09/03/07 17:07
4-Methyl-2-Pentanone	A	<b>ND</b>	1.7	10		µg/L	1	09/03/07 17:07



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD Trust							
Client Sample ID:	MW-6							
Sample Description:								
Sample Matrix:	Aqueous							

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B			Prep Date/Time:			Analyst: BRR
Methyl-t-Butyl Ether	A	ND	0.8	5.0		µg/L	1	09/03/07 17:07
Methylene chloride	A	ND	3.1	10		µg/L	1	09/03/07 17:07
Styrene	A	ND	0.7	5.0		µg/L	1	09/03/07 17:07
1,1,1,2-Tetrachloroethane	A	ND	1.1	10		µg/L	1	09/03/07 17:07
1,1,2,2-Tetrachloroethane	A	ND	1.4	5.0		µg/L	1	09/03/07 17:07
Tetrachloroethene	A	ND	1.3	5.0		µg/L	1	09/03/07 17:07
Toluene	A	ND	0.9	5.0		µg/L	1	09/03/07 17:07
1,1,1-Trichloroethane	A	ND	0.9	5.0		µg/L	1	09/03/07 17:07
1,1,2-Trichloroethane	A	ND	0.9	5.0		µg/L	1	09/03/07 17:07
Trichloroethene	A	ND	0.9	5.0		µg/L	1	09/03/07 17:07
Vinyl Acetate	A	ND	1.5	10		µg/L	1	09/03/07 17:07
Vinyl chloride	A	ND	0.9	10		µg/L	1	09/03/07 17:07
m,p-Xylene	A	ND	1.7	5.0		µg/L	1	09/03/07 17:07
o-Xylene	A	ND	0.9	5.0		µg/L	1	09/03/07 17:07
Trichlorofluoromethane	A	ND	1.1	10		µg/L	1	09/03/07 17:07
Total Xylenes	A	ND	0.9	5.0		µg/L	1	09/03/07 17:07
Surr: Toluene-d8	S	108	0	83.9-117		%REC	1	09/03/07 17:07
Surr: 4-Bromofluorobenzene	S	93.4	0	72.4-120		%REC	1	09/03/07 17:07
Surr: Dibromofluoromethane	S	117	0	80.2-126		%REC	1	09/03/07 17:07
Surr: 1,2-Dichloroethane-d4	S	113	0	74.4-132		%REC	1	09/03/07 17:07



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

<i>Client:</i>	Quality Environmental Professionals, Inc.
<i>Client Project:</i>	NBD Trust
<i>Client Sample ID:</i>	Duplicate
<i>Sample Description:</i>	
<i>Sample Matrix:</i>	Aqueous
	<i>Work Order / ID:</i> ME0708B07-07
	<i>Collection Date:</i>
	<i>Date Received:</i> 08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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EXTENDED RANGE ORGANICS		Method: SW8015BMOD		Prep Date/Time: 08/31/07 08:21 Analyst: ALS				
Extended Range Organics	A	5000	100	100		µg/L	1	09/01/07 06:23
Surr: Decafluorobiphenyl	S	81.7	0	50-150		%REC	1	09/01/07 06:23

TOTAL METALS		Method: SW6010B		Prep Date/Time: 08/28/07 07:15 Analyst: AVC				
Arsenic	A	0.011	0.0025	0.010	b	mg/L	1	08/31/07 09:34
Barium	A	0.030	0.0003	0.0020		mg/L	1	08/31/07 09:34
Cadmium	A	ND	0.0003	0.0020		mg/L	1	08/31/07 09:34
Chromium	A	0.0017	0.0006	0.0030	J	mg/L	1	08/31/07 09:34
Lead	A	0.034	0.0025	0.0075	b	mg/L	1	08/31/07 09:34
Selenium	A	ND	0.0053	0.030		mg/L	1	08/31/07 09:34
Silver	A	ND	0.0013	0.010		mg/L	1	08/31/07 09:34

TOTAL METALS		Method: SW7470A		Prep Date/Time: 08/28/07 07:25 Analyst: SAA				
Mercury	A	0.000058	0.000043	0.00020	Jb	mg/L	1	08/28/07 11:17

PAH BY GC/MS-SIM		Method: SW8270C		Prep Date/Time: 08/31/07 13:23 Analyst: BEM				
Acenaphthene	A	0.51	0.15	1.0	J	µg/L	1	09/07/07 21:55
Acenaphthylene	A	ND	0.18	1.0		µg/L	1	09/07/07 21:55
Anthracene	A	0.84	0.16	1.0	J	µg/L	1	09/07/07 21:55
Benzo[a]anthracene	A	1.6	0.21	1.0		µg/L	1	09/07/07 21:55
Benzo[a]pyrene	A	0.76	0.35	1.0	J	µg/L	1	09/07/07 21:55
Benzo[b]fluoranthene	A	1.1	0.25	1.0		µg/L	1	09/07/07 21:55
Benzo[g,h,i]perylene	A	0.75	0.22	1.0	J	µg/L	1	09/07/07 21:55
Benzo[k]fluoranthene	A	ND	0.25	1.0		µg/L	1	09/07/07 21:55
Chrysene	A	2.7	0.19	1.0		µg/L	1	09/07/07 21:55
Dibenz[a,h]anthracene	A	0.23	0.21	1.0	J	µg/L	1	09/07/07 21:55
Fluoranthene	A	2.2	0.18	1.0		µg/L	1	09/07/07 21:55
Fluorene	A	3.7	0.15	1.0		µg/L	1	09/07/07 21:55
Indeno[1,2,3cd]pyrene	A	0.23	0.21	1.0	J	µg/L	1	09/07/07 21:55
Naphthalene	A	0.52	0.12	1.0	J	µg/L	1	09/07/07 21:55
Phenanthrene	A	32	0.18	1.0		µg/L	1	09/07/07 21:55
Pyrene	A	5.7	0.15	1.0		µg/L	1	09/07/07 21:55
Surr: Decafluorobiphenyl	S	52.9	0	13.8-106		%REC	1	09/07/07 21:55

VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:					Analyst: BRR
Acetone	A	ND	5.8	50		µg/L	1	09/03/07 17:43	
Acrolein	A	ND	16	100		µg/L	1	09/03/07 17:43	



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

Client:	Quality Environmental Professionals, Inc.							
Client Project:	NBD Trust							
Client Sample ID:	Duplicate							
Sample Description:								
Sample Matrix:	Aqueous							
Work Order / ID:	ME0708B07-07							
Collection Date:								
Date Received:	08/27/07 10:00							

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B			Prep Date/Time:			Analyst: BRR
Acrylonitrile	A	ND	13	100		µg/L	1	09/03/07 17:43
Benzene	A	1.9	0.8	5.0	J	µg/L	1	09/03/07 17:43
Bromodichloromethane	A	ND	0.7	5.0		µg/L	1	09/03/07 17:43
Bromoform	A	ND	0.8	5.0		µg/L	1	09/03/07 17:43
Bromomethane	A	ND	1.8	10		µg/L	1	09/03/07 17:43
2-Butanone	A	ND	3.6	10		µg/L	1	09/03/07 17:43
Carbon Disulfide	A	ND	1.7	10		µg/L	1	09/03/07 17:43
Carbon tetrachloride	A	ND	1.7	5.0		µg/L	1	09/03/07 17:43
Chlorobenzene	A	ND	0.8	5.0		µg/L	1	09/03/07 17:43
Chloroethane	A	ND	2.3	10		µg/L	1	09/03/07 17:43
Chloroform	A	ND	0.9	5.0		µg/L	1	09/03/07 17:43
Chloromethane	A	1.7	1	10	J	µg/L	1	09/03/07 17:43
Dibromochloromethane	A	ND	0.8	5.0		µg/L	1	09/03/07 17:43
1,1-Dichloroethane	A	ND	0.8	5.0		µg/L	1	09/03/07 17:43
1,2-Dichloroethane	A	ND	1.2	5.0		µg/L	1	09/03/07 17:43
1,1-Dichloroethene	A	ND	1.7	5.0		µg/L	1	09/03/07 17:43
cis-1,2-Dichloroethene	A	ND	0.8	5.0		µg/L	1	09/03/07 17:43
trans-1,2-Dichloroethene	A	ND	1.1	5.0		µg/L	1	09/03/07 17:43
1,2-Dichloropropane	A	ND	1	5.0		µg/L	1	09/03/07 17:43
cis-1,3-Dichloropropene	A	ND	0.8	5.0		µg/L	1	09/03/07 17:43
trans-1,3-Dichloropropene	A	ND	0.7	5.0		µg/L	1	09/03/07 17:43
Ethylbenzene	A	1.9	0.9	5.0	J	µg/L	1	09/03/07 17:43
2-Hexanone	A	ND	2.4	10		µg/L	1	09/03/07 17:43
4-Methyl-2-Pentanone	A	ND	1.7	10		µg/L	1	09/03/07 17:43
Methyl-t-Butyl Ether	A	ND	0.8	5.0		µg/L	1	09/03/07 17:43
Methylene chloride	A	ND	3.1	10		µg/L	1	09/03/07 17:43
Styrene	A	ND	0.7	5.0		µg/L	1	09/03/07 17:43
1,1,1,2-Tetrachloroethane	A	ND	1.1	10		µg/L	1	09/03/07 17:43
1,1,2,2-Tetrachloroethane	A	ND	1.4	5.0		µg/L	1	09/03/07 17:43
Tetrachloroethene	A	ND	1.3	5.0		µg/L	1	09/03/07 17:43
Toluene	A	1	0.9	5.0	J	µg/L	1	09/03/07 17:43
1,1,1-Trichloroethane	A	ND	0.9	5.0		µg/L	1	09/03/07 17:43
1,1,2-Trichloroethane	A	ND	0.9	5.0		µg/L	1	09/03/07 17:43
Trichloroethene	A	ND	0.9	5.0		µg/L	1	09/03/07 17:43
Vinyl Acetate	A	ND	1.5	10		µg/L	1	09/03/07 17:43
Vinyl chloride	A	ND	0.9	10		µg/L	1	09/03/07 17:43
m,p-Xylene	A	2.8	1.7	5.0	J	µg/L	1	09/03/07 17:43
o-Xylene	A	1.3	0.9	5.0	J	µg/L	1	09/03/07 17:43
Trichlorofluoromethane	A	ND	1.1	10		µg/L	1	09/03/07 17:43



## ANALYTICAL RESULTS

Date: Monday, September 10, 2007

*Client:* Quality Environmental Professionals, Inc.  
*Client Project:* NBD Trust  
*Client Sample ID:* Duplicate  
*Sample Description:*  
*Sample Matrix:* Aqueous

*Work Order / ID:* ME0708B07-07  
*Collection Date:*  
*Date Received:* 08/27/07 10:00

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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VOLATILE ORGANICS		Method: SW8260B		Prep Date/Time:			Analyst: BRR	
Total Xylenes	A	ND	0.9	5.0		µg/L	1	09/03/07 17:43
Surr: Toluene-d8	S	108	0	83.9-117		%REC	1	09/03/07 17:43
Surr: 4-Bromofluorobenzene	S	93.7	0	72.4-120		%REC	1	09/03/07 17:43
Surr: Dibromofluoromethane	S	112	0	80.2-126		%REC	1	09/03/07 17:43
Surr: 1,2-Dichloroethane-d4	S	108	0	74.4-132		%REC	1	09/03/07 17:43



#### **FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)**

NA	=	Not Analyzed	N/A	=	Not Applicable		
mg/L	=	Milligrams per Liter (ppm)	ug/L	=	Micrograms per Liter (ppb)	cfu	= Colony Forming Unit
mg/Kg	=	Milligrams per Kilogram (ppm)	ug/Kg	=	Micrograms per Kilogram (ppb)	ng/L	= Nanograms per Liter (ppt)
U	=	Undetected					
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)					
B	=	Detected in the associated Method Blank at a concentration above the routine PQL/RL					
b	=	Detected in the associated Method Blank at a concentration above the Method Detection Limit but less than the routine PQL/RL					
D	=	Surrogate recoveries are not calculated due to sample dilution					
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if listed)					
E	=	Value above quantitation range					
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time					
I	=	Matrix Interference					
R	=	RPD outside accepted recovery limits					
S	=	Spike recovery outside recovery limits					
Surr	=	Surrogate					
DF	=	Dilution Factor	RL	=	Reporting Limit	ST	= Sample Type
							MDL = Method Detection Limit

#### **SAMPLE TYPES**

A	=	Analyte
I	=	Internal Standard
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

#### **QC SAMPLE IDENTIFICATIONS**

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"	OPR	=	Ongoing Precision and Recovery Standard
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"			
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate			
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate			
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank			
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification			
PDS	=	Post Digestion Spike	SD	=	Serial Dilution			

#### **CERTIFICATIONS**

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

- Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #100435)
- Illinois Department of Public Health for the microbiological analysis of drinking water (registry #175458)
- Indiana DEM approved support laboratory for solid waste and wastewater analyses
- Indiana SDH for the chemical analysis of drinking water (lab #C-45-02)
- Indiana SDH for the microbiological analysis of drinking water (lab #M-45-08)
- Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #0061)
- North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations (certificate #597)
- Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

#### **MICROBAC LOCATIONS, SERVICE CENTERS (SC) AND SATELLITE OFFICES (Sat)**

Baltimore Division	- Baltimore, MD	Kentucky Division	- Louisville, KY	New Castle Division	- New Castle, PA
Camp Hill Division	- Camp Hill, PA	Kentucky Division (Sat)	- Evansville, IN	Pittsburgh Division	- Warrendale, PA
Camp Hill Division (SC)	- Pittston, PA	Kentucky Division (Sat)	- Lexington, KY	Richmond Division	- Richmond, VA
Chicagoland Division	- Merrillville, IN	Kentucky Division (Sat)	- Paducah, KY	South Carolina Division	- New Ellenton, SC
Chicagoland Division (SC)	- Indianapolis, IN	Knoxville Division	- Maryville, TN	South Jersey Division	- Turnersville, NJ
Corona Division	- Corona, CA	Massachusetts Division	- Marlborough, MA	Southern Headquarters	- Poquoson, VA
Erie Division	- Erie, PA	Microbac Corporate Office	- Wexford, PA	Southern Testing Division	- Wilson, NC
Fayetteville Division	- Fayetteville, NC	Microbac NY - Cortland Office	- Cortland, NY	Southern Testing Division (Sat)	- Greensboro, NC
Hauser Division	- Boulder, CO	Microbac NY - Waverly Office	- Waverly, NY	Venice Division	- Venice, FL

**COOLER INSPECTION**

Date: Monday, September 10, 2007

Client Name Quality Environmental Professi

Work Order Number ME0708B07

Checklist completed by DPP | 8/27/2007 11:24:49 AM

Date / Time Received: 8/27/2007 10:00:00 AM

Received by: KRS

Reviewed by DDG | 8/29/2007 7:29:57 AM

Carrier name: Client Delivered

After-Hour Arrival?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Present <input type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient client identification?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient sample collector information?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included a sample description?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate matrix?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included date of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included time of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate number of containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate preservatives (if preserved)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples properly preserved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

If No, adjusted by? \_\_\_\_\_ Date/Time \_\_\_\_\_

Chain of custody included the requested analyses?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples received on ice?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Container/Temp Blank temperatures      Cooler Temp  
1      3 °CVOA vials for aqueous samples have zero headspace?      No VOA vials submitted  Yes  No **ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.**

General Comments:

Sample ID	Client Sample ID	Comments
ME0708B07-01A	MW-1	
ME0708B07-01B	MW-1	
ME0708B07-01C	MW-1	
ME0708B07-02A	MW-2	
ME0708B07-02B	MW-2	
ME0708B07-02C	MW-2	
ME0708B07-03A	MW-3	
ME0708B07-03B	MW-3	
ME0708B07-03C	MW-3	
ME0708B07-04A	MW-4	
ME0708B07-04B	MW-4	
ME0708B07-04C	MW-4	
ME0708B07-05A	MW-5	
ME0708B07-05B	MW-5	

Sample ID	Client Sample ID	Comments
ME0708B07-05C	MW-5	
ME0708B07-06A	MW-6	
ME0708B07-06B	MW-6	
ME0708B07-06C	MW-6	
ME0708B07-07A	Duplicate	
ME0708B07-07B	Duplicate	
ME0708B07-07C	Duplicate	



ME0708B07  
Gary Airport  
Phil Ward

# QUALITY ENVIRONMENTAL PROFESSIONALS, INC.

## CHAIN OF CUSTODY RECORD

Project Name:		Micro Pac		NBD Trust		Analyses Requested		Date Results Requested By:
Oratory:	Micro Pac	#, #:	07-05-024	Sampled By:	Natasia M. Michael Wray & Poher			<input checked="" type="checkbox"/> Please return original copy of Chain Of Custody Record to QEPI
Art To:	Quality Environmental Professionals, Inc. 1611 South Franklin Road • PHONE 317.351.4255 Indianapolis, IN 46239 • FAX 317.351.4265		Natasia M. Michael Wray & Poher					<input checked="" type="checkbox"/> We request that you submit chromatographs with all laboratory results, plus QA/QC documentation.
Sample Description		Date	Time	Comp	Grab			Remarks
MW-1	8/24/07	1240	X	W	X	X	X	40ml vials / HCl
MW-2		0939						1 L Amber
MW-3		1416						500 ml / HNO <sub>3</sub>
MW-4		1153						
MW-5		1111						
MW-6		1325						
DUPPLICATE								
Relinquished By: (Signature)	9/4/2007		9/4/2007		Received By: (Signature)		Date/Time:	Temperature When Shipped
Relinquished By: (Signature)	9/4/2007		9/4/2007		Received By: (Signature)		Date/Time:	Remarks
Relinquished By: (Signature)	9/4/2007		9/4/2007		Received For Lab By: (Signature)		Date/Time:	Temperature Upon Arrival at Lab:





September 21, 2007

Nivas Vijay  
Quality Environmental Professionals, Inc.  
1611 S. Franklin Road  
Indianapolis, IN 46239

Work Order No.: ME0709763

RE: NBD/07-05-024

Dear Nivas Vijay:

Microbac Laboratories, Inc. received 1 sample on 9/19/2007 2:45:00 PM for the analyses presented in the following report.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

Sincerely,  
Microbac Laboratories, Inc.

A handwritten signature in black ink, appearing to read "Deborah Griffiths".

Deborah Griffiths  
Senior Project Manager

Enclosures



## WORK ORDER SAMPLE SUMMARY

Date: Friday, September 21, 2007

**CLIENT:** Quality Environmental Professionals, Inc.  
**Project:** NBD/07-05-024  
**Lab Order:** ME0709763

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
ME0709763-01A	MW-6		9/19/2007 12:35:00 PM	9/19/2007



## ANALYTICAL RESULTS

Date: Friday, September 21, 2007

Client:	Quality Environmental Professionals, Inc.		
Client Project:	NBD/07-05-024		
Client Sample ID:	MW-6	Work Order / ID:	ME0709763-01
Sample Description:		Collection Date:	09/19/07 12:35
Sample Matrix:	Aqueous	Date Received:	09/19/07 14:45

Analyses	ST	Result	MDL	RL	Qual	Units	DF	Analyzed
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EXTENDED RANGE ORGANICS		Method: SW8015BMOD			Prep Date/Time: 09/20/07 08:16 Analyst: MLT			
Extended Range Organics	A	200	99	99		µg/L	1	09/20/07 13:33
Surr: Decafluorobiphenyl	S	72.2	0	50-150		%REC	1	09/20/07 13:33

PAH BY GC/MS-SIM		Method: SW8270C			Prep Date/Time: 09/19/07 13:49 Analyst: BEM			
Acenaphthene	A	ND	0.15	0.99		µg/L	1	09/19/07 20:25
Acenaphthylene	A	ND	0.18	0.99		µg/L	1	09/19/07 20:25
Anthracene	A	ND	0.16	0.99		µg/L	1	09/19/07 20:25
Benzo[a]anthracene	A	0.27	0.21	0.99	J	µg/L	1	09/19/07 20:25
Benzo[a]pyrene	A	0.46	0.35	0.99	J	µg/L	1	09/19/07 20:25
Benzo[b]fluoranthene	A	0.56	0.25	0.99	J	µg/L	1	09/19/07 20:25
Benzo[g,h,i]perylene	A	1.1	0.22	0.99	b	µg/L	1	09/19/07 20:25
Benzo[k]fluoranthene	A	ND	0.25	0.99		µg/L	1	09/19/07 20:25
Chrysene	A	ND	0.19	0.99		µg/L	1	09/19/07 20:25
Dibenz[a,h]anthracene	A	0.8	0.21	0.99	Jb	µg/L	1	09/19/07 20:25
Fluoranthene	A	ND	0.18	0.99		µg/L	1	09/19/07 20:25
Fluorene	A	ND	0.15	0.99		µg/L	1	09/19/07 20:25
Indeno[1,2,3cd]pyrene	A	0.92	0.21	0.99	J	µg/L	1	09/19/07 20:25
Naphthalene	A	1.2	0.12	0.99		µg/L	1	09/19/07 20:25
Phenanthrene	A	ND	0.18	0.99		µg/L	1	09/19/07 20:25
Pyrene	A	ND	0.15	0.99		µg/L	1	09/19/07 20:25
Surr: Nitrobenzene-d5	S	66.0	0	10-121		%REC	1	09/19/07 20:25
Surr: 2-Fluorobiphenyl	S	62.9	0	5.58-109		%REC	1	09/19/07 20:25
Surr: Terphenyl-d14	S	34.8	0	10-130		%REC	1	09/19/07 20:25



#### **FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)**

NA	=	Not Analyzed	N/A	=	Not Applicable		
mg/L	=	Milligrams per Liter (ppm)	ug/L	=	Micrograms per Liter (ppb)	cfu	= Colony Forming Unit
mg/Kg	=	Milligrams per Kilogram (ppm)	ug/Kg	=	Micrograms per Kilogram (ppb)	ng/L	= Nanograms per Liter (ppt)
U	=	Undetected					
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)					
B	=	Detected in the associated Method Blank at a concentration above the routine PQL/RL					
b	=	Detected in the associated Method Blank at a concentration above the Method Detection Limit but less than the routine PQL/RL					
D	=	Surrogate recoveries are not calculated due to sample dilution					
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if listed)					
E	=	Value above quantitation range					
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time					
I	=	Matrix Interference					
R	=	RPD outside accepted recovery limits					
S	=	Spike recovery outside recovery limits					
Surr	=	Surrogate					
DF	=	Dilution Factor	RL	=	Reporting Limit	ST	= Sample Type
							MDL = Method Detection Limit

#### **SAMPLE TYPES**

A	=	Analyte
I	=	Internal Standard
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

#### **QC SAMPLE IDENTIFICATIONS**

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"	OPR	=	Ongoing Precision and Recovery Standard
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"			
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate			
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate			
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank			
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification			
PDS	=	Post Digestion Spike	SD	=	Serial Dilution			

#### **CERTIFICATIONS**

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

- Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #100435)
- Illinois Department of Public Health for the microbiological analysis of drinking water (registry #175458)
- Indiana DEM approved support laboratory for solid waste and wastewater analyses
- Indiana SDH for the chemical analysis of drinking water (lab #C-45-02)
- Indiana SDH for the microbiological analysis of drinking water (lab #M-45-08)
- Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #0061)
- North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations (certificate #597)
- Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

#### **MICROBAC LOCATIONS, SERVICE CENTERS (SC) AND SATELLITE OFFICES (Sat)**

Baltimore Division - Baltimore, MD	Kentucky Division - Louisville, KY	New Castle Division - New Castle, PA
Camp Hill Division - Camp Hill, PA	Kentucky Division (Sat) - Evansville, IN	Pittsburgh Division - Warrendale, PA
Camp Hill Division (SC) - Pittston, PA	Kentucky Division (Sat) - Lexington, KY	Richmond Division - Richmond, VA
ChicagoLand Division - Merrillville, IN	Kentucky Division (Sat) - Paducah, KY	South Carolina Division - New Ellenton, SC
ChicagoLand Division (SC) - Indianapolis, IN	Knoxville Division - Maryville, TN	South Jersey Division - Turnersville, NJ
Corona Division - Corona, CA	Massachusetts Division - Marlborough, MA	Southern Headquarters - Poquoson, VA
Erie Division - Erie, PA	Microbac Corporate Office - Wexford, PA	Southern Testing Division - Wilson, NC
Fayetteville Division - Fayetteville, NC	Microbac NY - Cortland Office - Cortland, NY	Southern Testing Division (Sat) - Greensboro, NC
Hauser Division - Boulder, CO	Microbac NY - Waverly Office - Waverly, NY	Venice Division - Venice, FL

**COOLER INSPECTION**

Date: Friday, September 21, 2007

Client Name Quality Environmental Professi

Work Order Number ME0709763

Checklist completed by DPP | 9/19/2007 3:21:58 PM

Date / Time Received: 9/19/2007 2:45:00 PM

Received by: DPP

Reviewed by DDG | 9/20/2007 8:16:25 AM

Carrier name: Client Delivered

After-Hour Arrival?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Present <input type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient client identification?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient sample collector information?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included a sample description?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate matrix?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included date of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included time of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate number of containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate preservatives (if preserved)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples properly preserved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

If No, adjusted by?

Date/Time

Chain of custody included the requested analyses?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Container/Temp	Blank temperatures	Cooler	Temp
		1	3 °C

VOA vials for aqueous samples have zero headspace? No VOA vials submitted  Yes  No **ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.**

General Comments:

Sample ID	Client Sample ID	Comments
ME0709763-01A	MW-6	



**QUALITY ENVIRONMENTAL PROFESSIONALS, INC.**  
**CHAIN OF CUSTODY RECORD**

QEPI

ME0709763  
Gary Airport  
Phil Ward

Analyses Requested

		Analyses Requested							Date Results Requested By: <i>24 hr TAT</i>				
									<input checked="" type="checkbox"/> Please return original copy of Chain Of Custody Record to QEPI <input checked="" type="checkbox"/> We request that you submit chromatographs with all laboratory results, plus QA/QC documentation.				
									Remarks <i>Two(2) unpressed 1L Ambers</i>				
Requ:		Sample Description							Date	Time	Comp	Grab	Sample Matrix
oratory:		Micro Basic											TPH-ERO 8015
#:	07-05-024	Sampled By: Travis Enny											CPAHs 8270 51m
rt To:	Quality Environmental Professionals, Inc. 1611 South Franklin Road • PHONE 317.351.4255 Indianapolis, IN 46239 • FAX 317.351.4265												
tion:	NASC Viny												
ect Name:		NBD											
oratory:		Micro Basic											
#:	07-05-024	Sampled By: <i>Travis Enny</i>											
rt To:	Quality Environmental Professionals, Inc. 1611 South Franklin Road • PHONE 317.351.4255 Indianapolis, IN 46239 • FAX 317.351.4265												
tion:	NASC Viny												
Date:		9/20/2007							Date:	Time:	Comp:	Grab:	Sample Matrix
DDG:													
Date:		9/19/07							Date:	Time:	Received By: <i>(Signature)</i>	Date/Time:	Temperature When Shipped
DDG:											<i>Travis Enny</i>		Total # of Containers
Relinquished By: <i>(Signature)</i>		9/19/07							Date/Time:	Received By: <i>(Signature)</i>	Date/Time:	Remarks	
Relinquished By: <i>(Signature)</i>													
Relinquished By: <i>(Signature)</i>		9/19/07							Date/Time:	Received By: <i>(Signature)</i>	Date/Time:	Temperature Upon Arrival at Lab: <i>32</i>	
Relinquished By: <i>(Signature)</i>													