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January 27, 2010

Mr. Terry Fox, PG
North Carolina Department of Transportation
Geotechnical Engineering Unit
1589 Mail Service Center
Raleigh, North Carolina 27699-1589

Reference: Preliminary Site Assessment
Old Summerfield Shopping Center, Inc. Property (Parcel #79)
4555 US 220
Summerfield, Guilford County, North Carolina
NCDOT Tip No. R-2309AB
WBS Element 34418.1.1
AECOM Project No. 60144352

Dear Mr. Fox:

AECOM Technical Services of North Carolina, Inc., (AECOM) has completed the Preliminary Site Assessment conducted at the above-referenced property. The work was performed in accordance with the Technical and Cost proposal dated December 21, 2009, and the North Carolina Department of Transportation's (NCDOT's) Notice to Proceed dated December 22, 2009. Activities associated with the assessment consisted of conducting a geophysical investigation, collecting soil samples for laboratory analysis, and reviewing applicable North Carolina Department of Environment and Natural Resources (NCDENR) records. The purpose of this report is to document the field activities, present the laboratory analyses, and provide recommendations regarding the property.

Location and Description

The Old Summerfield Shopping Center, Inc. Property (Parcel #79) is located at 4555 US 220 in Summerfield, Guilford County, North Carolina. The property is situated on the west side of US 220 in the southwest quadrant of the intersection of US 220 and Auburn Road (NC 150) (Figure 1). Based on information supplied by the NCDOT and the site visit, AECOM understands that the site is a former gas station where four underground storage tanks (USTs) reportedly were removed in 1987. No additional information regarding the USTs was available for review. As of the date of this report, the property was being used as a strip mall with an automotive repair shop on the north end. The structure on the property consists of one large block building with an asphalt parking lot in front. Undeveloped sections of land are present north and south of the building (Figure 2). The NCDOT has advised that the right-of-way/easement will not affect the building. However, the presence of potential contamination in

the soil following the tank removal prompted the NCDOT top request a Preliminary Site Assessment. The scope of work as defined in the Request for Technical and Cost Proposal was to evaluate the site with respect to the presence of known and unknown USTs and assess where contamination exists on the property. An estimate of the quantity of impacted soil was to be provided.

AECOM reviewed the on-line NCDENR Incident Management database and Incident Number 4012 (WS-2521) has been assigned to the property. No other information was available on-line and no further file review was conducted. AECOM also examined the UST registration database to obtain UST ownership information. No USTs have been registered for the address.

Geophysical Survey

Prior to AECOM's mobilization to the site, Pyramid Environmental conducted a geophysical survey as part of this project to evaluate if USTs were present on the proposed right-of-way/easement. The geophysical survey consisted of an electromagnetic survey using a Geonics EM61 time-domain electromagnetic induction meter to locate buried metallic objects, specifically USTs. A survey grid was laid out at the property with the X-axis oriented approximately parallel to US 220 and the Y-axis oriented approximately perpendicular to US 220. The grid was located to cover the accessible portions of the proposed right-of-way. The survey lines were spaced 5 feet apart. Magnetic data was collected continuously along each survey line with a data logger. After collection, the data was reviewed in the field with graphical computer software. Following the electromagnetic survey, a ground penetrating radar (GPR) survey was conducted to further evaluate any significant metallic anomalies if such a survey was considered necessary.

Access was available to all areas of the proposed right-of-way/easement on the property and several anomalies were detected with the geophysical survey. All of these anomalies were attributed to buried utility lines or conduits, or vehicles. The survey concluded that no metallic USTs were present on the right-of-way/easement. A detailed report of findings and interpretations is presented in Attachment A.

Site Assessment Activities

On January 14, 2009, AECOM mobilized to the site to conduct a Geoprobe® direct push investigation to evaluate soil conditions within the proposed right-of-way/easement. Continuous sampling using direct push technology (Regional Probing of Wake Forest, North Carolina) resulted in generally good recovery of soil samples from the direct-push holes. Soil samples were collected and contained in 4-foot long acetate sleeves inside the direct push sampler. Each of these sleeves was divided into 2-foot long sections for soil sample screening. Each 2-foot interval was placed in a resealable plastic bag and the bag was set aside for a sufficient amount of time to allow volatilization of organic compounds from the soil to the bag headspace. The probe of a flame ionization detector/photo ionization detector (FID/PID) was inserted into the bag and

the reading was recorded. After terminating the sample hole, the soil sample from the depth interval with the highest FID/PID reading was submitted for analysis to SGS North America, Inc. in Wilmington, North Carolina, using standard chain-of-custody procedures. The laboratory analyzed the soil samples for total petroleum hydrocarbons (TPH) in the diesel range organics (DRO) and gasoline range organics (GRO).

Eleven direct-push holes (OC-1 through OC-11) were advanced within the proposed right-of-way/easement, as shown in Figure 2 and Attachment B, to depths ranging from 12 to 14 feet. The borings were located to evaluate the entire right-of-way/easement on the property (Attachment C). Borings OC-1, OC-2, OC-4, and OC-8 were located to evaluate soil conditions near proposed drop inlets; borings OC-7 and OC-9 were placed to assess conditions at a rectangular asphalt patch, and the remaining borings were situated to evaluate the remainder of the right-of-way. The lithology encountered by the direct-push samples generally was consistent throughout the site. The ground surface was covered with about 3 inches of asphalt/gravel or topsoil. Below the surface to a depth of about 6 feet was a medium brown silt/clay that may have been fill material. Underlying this stratum was a saprolite consisting of a mottled medium brown and white silt/sand. No bedrock was encountered in any of the borings. With the exception of boring OC-3, all the borings were terminated at a depth of 14 feet. Boring OC-3 was terminated at 12 feet after encountering refusal. The cause for refusal was not determined, but based on the depths of the other borings, bedrock was likely not present at 12 feet. No groundwater was observed in any of the borings. Based on field screening, soil samples were submitted for laboratory analyses, which are summarized in Table 1. Following the completion of each boring, it was backfilled in accordance with 15A NCAC 2C.

Analytical Results

Based on the laboratory reports, summarized in Table 1 and presented in Attachment D, no petroleum hydrocarbon compounds identified as DRO and/or GRO were detected in any of the eleven soil samples collected from the site on January 14, 2010. Consequently, no concentrations are present above applicable action levels.

Conclusions and Recommendations

A Preliminary Site Assessment was conducted to evaluate the Old Summerfield Shopping Center, Inc. Property (Parcel #79) located at 4555 US 220 in Summerfield, Guilford County, North Carolina. Eleven soil borings were advanced to evaluate the soil conditions throughout the site. The laboratory reports of the soil samples from these borings suggest that no DRO and/or GRO concentrations were present above the any action level in the six soil samples analyzed. As such, no soil within the right-of-way appears to be affected by petroleum contamination.

AECOM appreciates the opportunity to work with the NCDOT on this project. Because no compounds were detected above the method detection limits in the soil samples, no notification is required to the NCDENR. If you have any questions, please contact me at (919) 854-6238.

Sincerely,

Michael W. Branson, P.G.
Project Manager

Attachments

c: Project File

TABLE 1

SOIL FIELD SCREENING AND ANALYTICAL RESULTS
OLD SUMMERFIELD SHOPPING CENTER, INC., PROPERTY (PARCEL #79)
SUMMERFIELD, GUILFORD COUNTY, NORTH CAROLINA
NCDOT PROJECT NO. R-2309AB
WBS ELEMENT 34418.1.1
AECOM PROJECT NO. 60144352

LOCATION	DEPTH (ft)	FID READING (ppm)	SAMPLE ID	ANALYTICAL RESULTS (mg/kg)	ASSUMED ACTION LEVEL (mg/kg)
OC-1	0 - 2	0.14			
	2 - 4	0.21			
	4 - 6	0.35			
	6 - 8	0.46			
	8 - 10	0.52	OC-1	DRO (BQL) GRO (BQL)	10 10
	10 - 12	0.41			
	12 - 14	0.45			
OC-2	0 - 2	0.41			
	2 - 4	0.45			
	4 - 6	0.54	OC-2	DRO (BQL) GRO (BQL)	10 10
	6 - 8	0.44			
	8 - 10	0.42			
	10 - 12	0.48			
	12 - 14	0.41			
OC-3	0 - 2	0.33			
	2 - 4	0.38	OC-3	DRO (BQL) GRO (BQL)	10 10
	4 - 6	0.32			
	6 - 8	0.31			
	8 - 10	0.29			
	10 - 12	0.35			
OC-4	0 - 2	0.26			
	2 - 4	0.29			
	4 - 6	0.30			
	6 - 8	0.33			
	8 - 10	0.33	OC-4	DRO (BQL) GRO (BQL)	10 10
	10 - 12	0.32			
	12 - 14	0.29			
OC-5	0 - 2	0.32			
	2 - 4	0.33			
	4 - 6	0.26			
	6 - 8	0.34	OC-5	DRO (BQL) GRO (BQL)	10 10
	8 - 10	0.21			
	10 - 12	0.26			
	12 - 14	0.19			
OC-6	0 - 2	0.27			
	2 - 4	0.31			
	4 - 6	0.51			
	6 - 8	0.44			
	8 - 10	0.57	OC-6	DRO (BQL) GRO (BQL)	10 10
	10 - 12	0.55			
	12 - 14	0.32			
OC-7	0 - 2	0.44			
	2 - 4	0.41			
	4 - 6	0.38			
	6 - 8	0.64	OC-7	DRO (BQL) GRO (BQL)	10 10
	8 - 10	0.56			
	10 - 12	0.53			
	12 - 14	0.48			

TABLE 1 (cont)

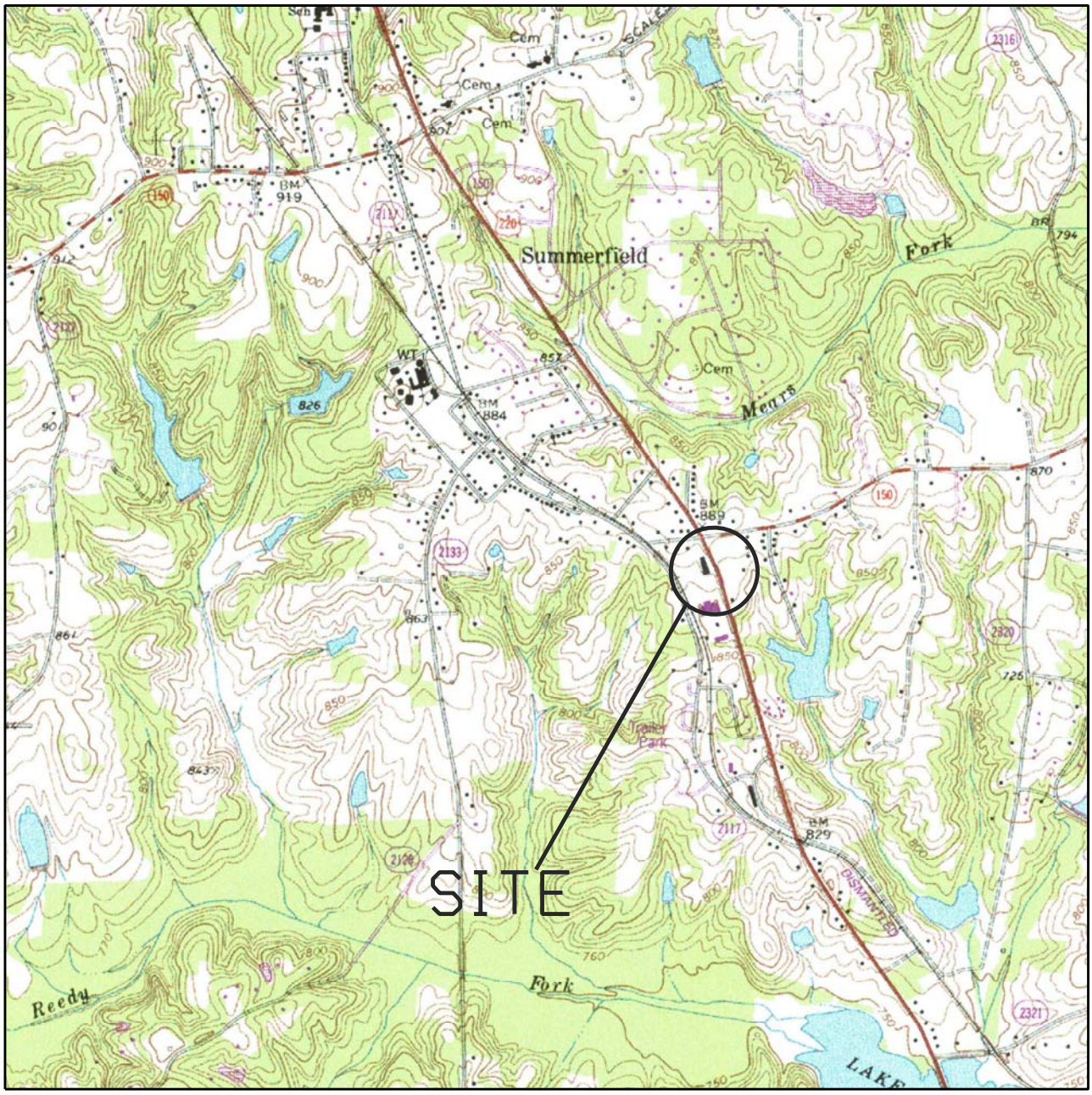
SOIL FIELD SCREENING AND ANALYTICAL RESULTS
OLD SUMMERFIELD SHOPPING CENTER, INC., PROPERTY (PARCEL #79)
SUMMERFIELD, GUILFORD COUNTY, NORTH CAROLINA
NCDOT PROJECT NO. R-2309AB
WBS ELEMENT 34418.1.1
AECOM PROJECT NO. 60144352

LOCATION	DEPTH (ft)	FID READING (ppm)	SAMPLE ID	ANALYTICAL RESULTS (mg/kg)	ASSUMED ACTION LEVEL (mg/kg)
OC-8	0 - 2	4.79	OC-8	DRO (BQL) GRO (BQL)	10 10
	2 - 4	0.44			
	4 - 6	0.36			
	6 - 8	0.41			
	8 - 10	0.51			
	10 - 12	0.47			
	12 - 14	0.47			
OC-9	0 - 2	0.48			
	2 - 4	0.51			
	4 - 6	0.59			
	6 - 8	0.54			
	8 - 10	0.38			
	10 - 12	0.57			
	12 - 14	29	OC-9	DRO (BQL) GRO (BQL)	10 10
OC-10	0 - 2	0.47			
	2 - 4	0.40			
	4 - 6	0.57			
	6 - 8	0.56			
	8 - 10	0.46			
	10 - 12	0.59	OC-10	DRO (BQL) GRO (BQL)	10 10
	12 - 14	0.21			
OC-11	0 - 2	0.38			
	2 - 4	0.31			
	4 - 6	0.40			
	6 - 8	0.44			
	8 - 10	0.42			
	10 - 12	0.51	OC-11	DRO (BQL) GRO (BQL)	10 10
	12 - 14	0.12			

Soil samples were collected on January 14, 2010.

DRO - Diesel range organics.
GRO - Gasoline range organics.
BQL - Below quantitation limit.
ppm - parts per million.
mg/kg - milligrams per kilogram.

FIGURES



SOURCE: U.S. GEOLOGICAL SURVEY 7.5 MIN QUADRANGLE: SUMMERFIELD, NC (REV 1994)

AECOM

FIGURE 1
VICINITY MAP

OLD SUMMERFIELD SHOPPING CENTER, INC., PROPERTY (PARCEL #79)
GUILFORD COUNTY NORTH CAROLINA

JANUARY 2010 60144352

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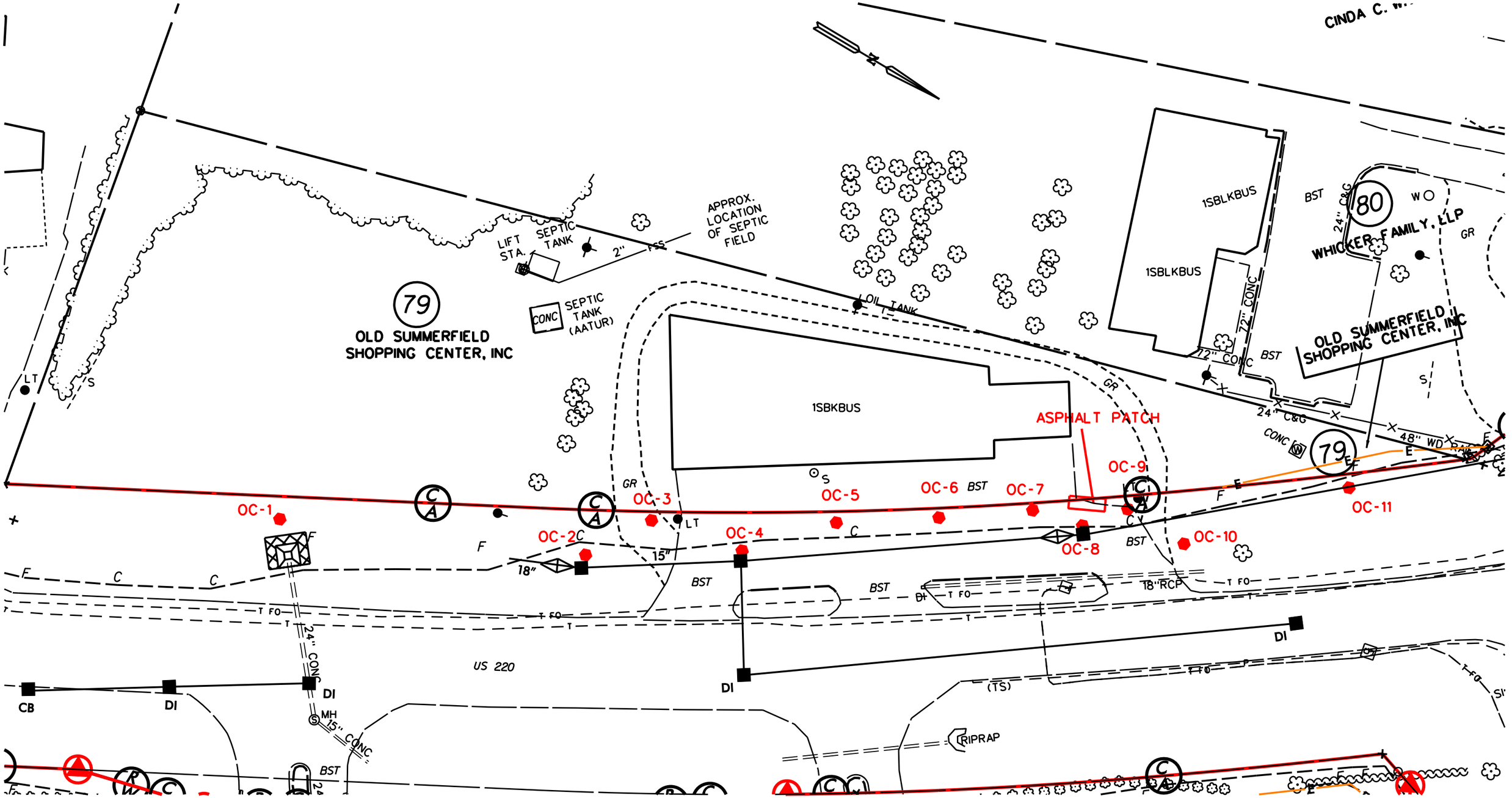

LEGEND

OC-1 SOIL SAMPLE LOCATION AND IDENTIFICATION

AECOM

FIGURE 2
SITE MAP

OLD SUMMERFIELD SHOPPING CENTER, INC., PROPERTY (PARCEL 79)
GUILFORD COUNTY, NORTH CAROLINA

JANUARY 2010

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ATTACHMENT A

Pyramid Project # 2009328

GEOPHYSICAL INVESTIGATION REPORT

EM61 & GPR SURVEYS
OLD SUMMERFIED SHOPPING CENTER INC. PROPERTY
(PARCEL 79)
Summerfield, North Carolina

January 13, 2010

Report prepared for: **Michael W. Branson, PG**
AECOM Environment
701 Corporate Center Drive, Suite 475
Raleigh, North Carolina 27607

Prepared by: _____
Mika Trifunovic

Reviewed by: _____
Douglas Canavello, PG

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AECOM Environment
GEOPHYSICAL INVESTIGATION REPORT
OLD SUMMERFIELD SHOPPING CENTER INC. PROPERTY (PARCEL 79)
Summerfield, North Carolina

TABLE OF CONTENTS PAGE

FIGURES

1.0 INTRODUCTION

Pyramid Environmental conducted geophysical investigations for AECOM Environment across the proposed Right-of-Way (ROW) portion of the Old Summerfield Shopping Center Inc. property (Parcel 79) located at the intersection of US Highway 220 and NC Highway 150 in Summerfield, North Carolina. The geophysical surveyed portion of the property consists of the eastern portions of the grass field located along the southern section of the site, the shopping center's asphalt parking lot located in the central section of the site and the grass-covered used car lot located in the northern section of the site. The geophysical survey area covers the property located immediately adjacent to US Highway 220 and has a maximum length and width of 880 feet and 80 feet, respectively.

The geophysical investigation was conducted on December 29, 2009 and January 6, 2010 to determine if unknown, metallic USTs were present beneath the proposed ROW area. AECOM Environment representative Mr. Michael Branson, PG identified the geophysical survey area to Pyramid Environmental personnel and provided site maps showing the boundaries of the proposed survey area two weeks prior to conducting the investigation. Photographs of the geophysical equipment used in this investigation and the geophysical survey area at the Old Summerfield Shopping Center Inc. property (Parcel 79) are shown in **Figure 1**.

2.0 FIELD METHODOLOGY

Prior to conducting the geophysical investigation, a 10-foot by 20-foot survey grid was established across the geophysical survey area using measuring tapes, pin flags and water-based marking paint. These grid marks were used as X-Y coordinates for location control when collecting the geophysical data and establishing base maps for the geophysical results.

The geophysical investigation consisted of electromagnetic (EM) induction-metal detection surveys using a Geonics EM61-MK1 metal detection instrument. According to the instrument specifications, the EM61 can detect a metal drum down to a maximum depth of approximately 8 feet. All of the EM61 data were digitally collected on December 29, 2010 at 0.8 foot intervals along northerly-

southerly, parallel survey lines spaced five feet apart. All of the data were downloaded to a computer and reviewed in the office using the Geonics DAT61W and Surfer for Windows Version 7.0 software programs.

GPR surveys were conducted on January 6, 2010 across two EM61 differential anomalies using a GSSI SIR-2000 unit equipped with a 400 MHz antenna. Data were digitally collected in a continuous mode along X-axis and/or Y-axis survey lines, spaced 2.5 to 5.0 feet apart using a vertical scan of 512 samples, at a rate of 48 scans per second. A 70 MHz high pass filter and an 800 MHz low pass filter were used during data acquisition with the 400 MHz antenna. GPR data were collected down to a maximum depth of approximately 6 feet, based on an estimated two-way travel time of 8 nanoseconds per foot. All of the GPR data were downloaded to a field computer and reviewed in the field and office using Radprint software.

Contour plots of the EM61 bottom coil and differential results are presented in **Figures 2 and 3**, respectively. Plots showing the results obtained from the southern half and the northern half of the site are presented in each of the two figures. The bottom coil results represent the most sensitive component of the EM61 instrument and detect metal objects regardless of size. The bottom coil response can be used to delineate metal conduits or utility lines, small, isolated metal objects, and areas containing insignificant metal debris. The differential results are obtained from the difference between the top and bottom coils of the EM61 instrument. The differential results focus on the larger metal objects such as drums and USTs and ignore the smaller insignificant metal objects.

Preliminary geophysical results obtained from Parcel 79 were reported to Mr. Branson on January 8, 2010.

3.0 DISCUSSION OF RESULTS

The linear, EM61 bottom coil anomalies intersecting grid coordinates X=60 Y=105, X=60 Y=300 and X=60 Y=394 are probably in response to buried metallic conduits or objects/debris. The EM61 high amplitude, bottom coil anomalies centered near grid coordinates X=45 Y=635 is probably in

response to the metallic business sign and parked vehicles that were present during data acquisition. The bottom coil anomaly centered near grid coordinates X=40 Y=868 is probably in response to the utility pole, guy wires and other utility related objects.

GPR data suggest the high amplitude EM anomaly centered near grid coordinates X=50 Y=760 is in response to the parked truck that was present during data acquisition. GPR data suggest the large, high amplitude EM61 bottom coil anomaly centered near grid coordinates X=30 Y=680 is in response to buried, metallic, miscellaneous objects and a nearby parked vehicle which is not shown on the map. The negative differential values recorded at this location also suggest that the bottom coil anomaly is in response to surface and/or near surface metallic objects. The remaining EM61 bottom coil anomalies recorded within the proposed ROW area at Parcel 79 are probably in response to known cultural features and/or to buried miscellaneous objects/debris.

All of the differential EM61 anomalies are negative anomalies indicating surface or near surface objects and suggest that the proposed ROW area of Parcel 79 (surveyed portion of the site) of Parcel 79 does not contain buried metallic USTs.

4.0 SUMMARY & CONCLUSIONS

Our evaluation of the EM61 data collected across the eastern portion (proposed ROW area) of the Old Summerfield Shopping Center Inc. property (Parcel 79) located at the intersection of US Highway 220 and NC Highway 150 in Summerfield, North Carolina provides the following summary and conclusions:

- The EM61 and GPR surveys provided reliable results for the detection of metallic USTs within the surveyed portion of the site.

- The EM61 high amplitude, bottom coil anomalies centered near grid coordinates X=45 Y=635 is probably in response to the metallic business sign and parked vehicles that were present during data acquisition.

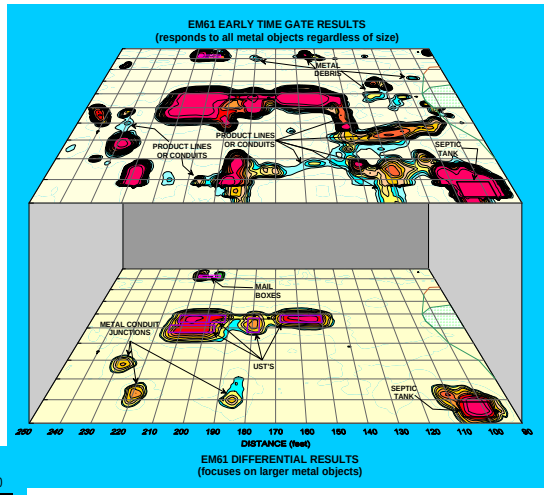
- GPR data suggest the high amplitude EM anomaly centered near grid coordinates X=50 Y=760 is in response to the parked truck that was present during data acquisition. Similarly, GPR data suggest the large, high amplitude EM61 bottom coil anomaly centered near grid coordinates X=30 Y=680 is in response to buried, metallic, miscellaneous objects and nearby parked vehicles.

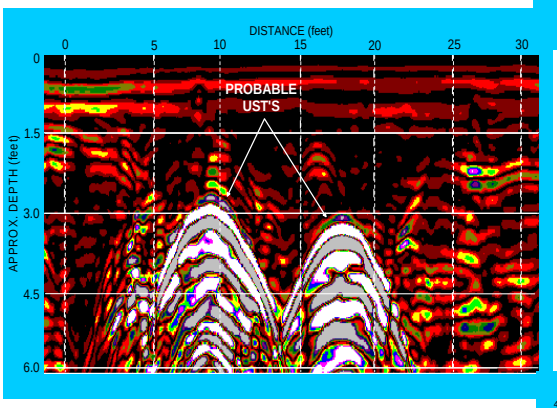
- The remaining EM61 bottom coil anomalies recorded within the proposed ROW area at Parcel 79 are probably in response to known cultural features and/or to buried miscellaneous objects/debris.

- The geophysical investigation suggests the proposed ROW area of Parcel 79 does not contain buried, metallic USTs.

5.0 LIMITATIONS

EM61 and GPR surveys have been performed and this report prepared for AECOM Environment in accordance with generally accepted guidelines for EM61 and GPR surveys. It is generally recognized that the results of the EM61 and GPR are non-unique and may not represent actual subsurface conditions. The EM61 and GPR results obtained for this project have not conclusively determine that the surveyed portion of the site does not contain buried metallic USTs, but that none were detected.





FIGURES

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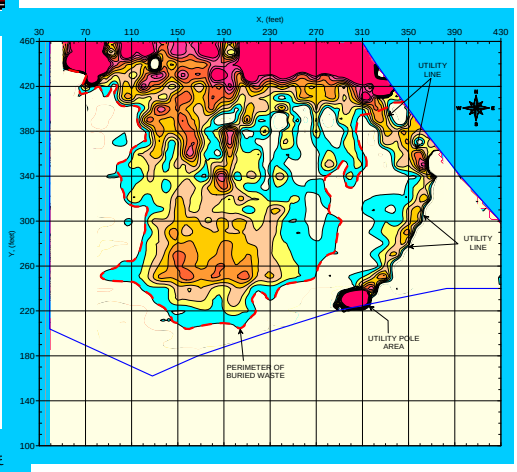
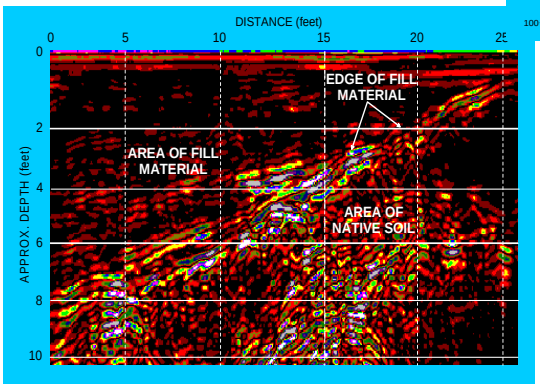
Figures shown on this page are for esthetic purposes only and are not related to the geophysical results discussed in this report





The photograph shows the Geonics EM61 metal detector that was used to conduct the metal detection survey across the proposed Right-of-Way portion of Parcel 79 on December 29, 2009.

The photographs show the SIR-2000 GPR system equipped with a 400 MHz antenna that were used to conduct the ground penetrating radar investigation at Parcel 79 on January 6, 2010.

The photographs on the left and right show the northern and central portions of the Old Summerfield Shopping Center property, respectively. The left photograph (northern portion) is viewed in a southerly direction and the right photograph (central portion) is viewed in a northerly direction. The property is located on the west side of US Highwway 220 in Summerfield, North Carolina.

The photograph shows the open field that lies in the southern portion of the Old Summerfield Shopping Center property (Parcel 79). The photograph is viewed in a southerly direction.

PYRAMID
ENVIRONMENTAL & ENGINEERING, P.C.

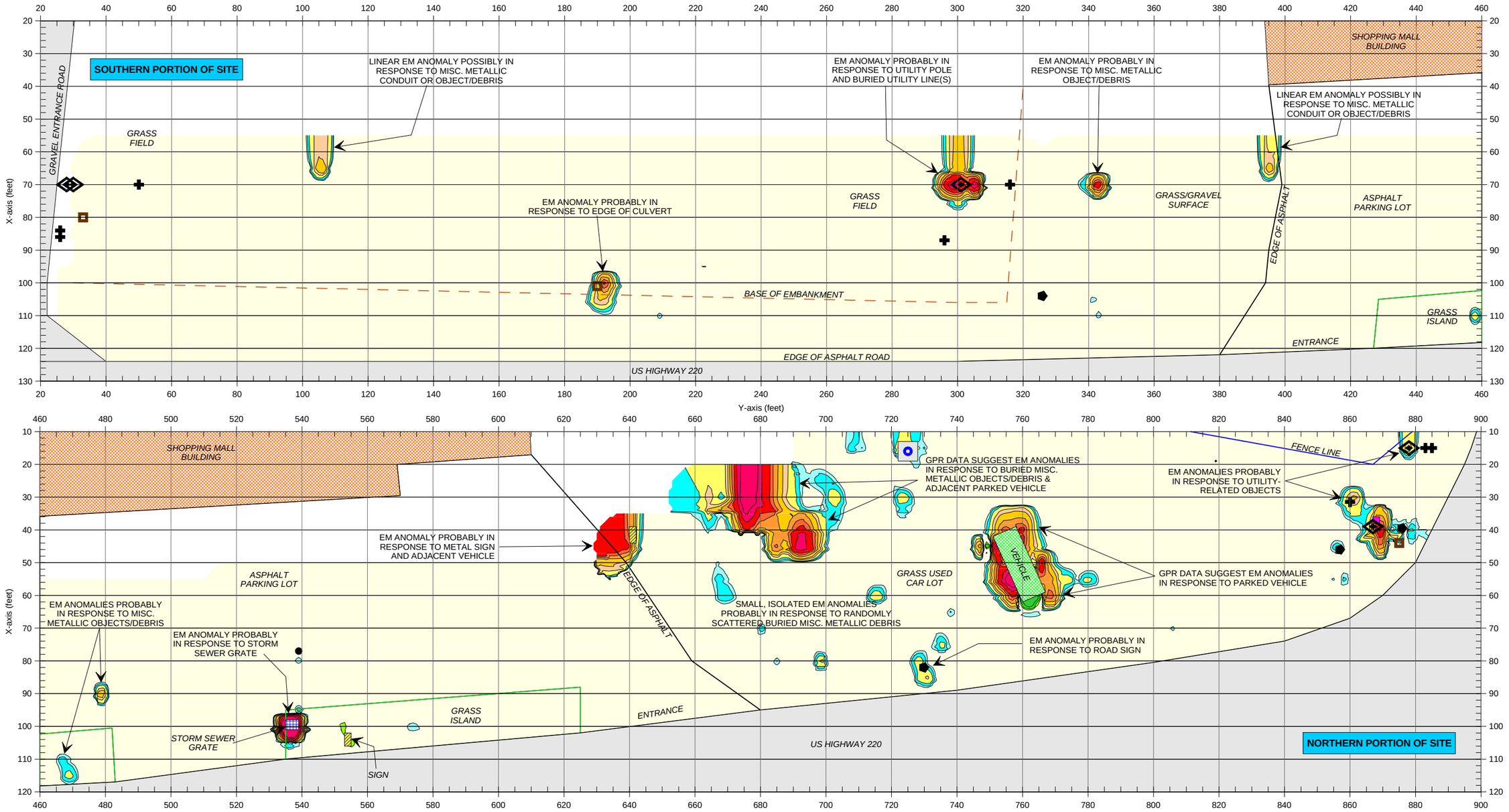
CLIENT	AECOM ENVIRONMENT	DATE	01/12/10	DRWN	MJD
SITE	OLD SUMMERFIELD SHOPPING CENTER - PARCEL 79	LAY		CHKD	
CITY	SUMMERFIELD	STATE	NORTH CAROLINA	DWG	
TITLE	GEOPHYSICAL RESULTS	JNO	2009-328	FIGURE	

GEOPHYSICAL EQUIPMENT & SITE PHOTOGRAPHS

FIGURE 1

EM61 METAL DETECTION BOTTOM COIL RESULTS

FIGURE 2



LEGEND

- SURVEY AREA: EM61 DATA ACQUIRED ALONG X-AXIS TRENDING LINES SPACED 5 FEET APART
- BUILDING
- PARKED VEHICLE
- RIGHT-OF-WAY MARKER
- EDGE OF CULVERT
- ELECTRICAL BOX
- STORM SEWER GRATE
- WATER WELL
- MONITORING WELL
- UTILITY POLE
- GUY WIRE
- ROAD SIGN
- UTILITY POLE

W S N E

APPROXIMATE NORTH

EM61 BOTTOM COIL RESPONSE (MILLIVOLTS)

-5000 -400 -200 -100 -90 -20 60 75 100 150 200 300 400 500 750 1000

Note: The contour plot shows the bottom coil (most sensitive) response of the EM61 instrument in millivolts (mV). The bottom coil response shows buried metallic objects regardless of size. The EM metal detection data were collected on December 29, 2009 using a Geonics EM61 instrument. Ground penetrating radar (GPR) data were acquired on January 6, 2009 using a Geophysical Survey Systems SIR 2000 instrument with a 400 MHz antenna.

The geophysical investigation suggests that the surveyed portion of the site does not contain buried, metallic USTs.

CLIENT: AECOM ENVIRONMENT
SITE: OLD SUMMERFIELD SHOPPING CENTER INC. - PARCEL 79
CITY: SUMMERFIELD
STATE: NORTH CAROLINA
TITLE: GEOPHYSICAL RESULTS
J-NO.: 2009-328
DWG: FIGURE
LAY:
DATE: 01/12/10
CH'KD:
DRWN: MJD
GRAPHIC SCALE IN FEET

PYRAMID
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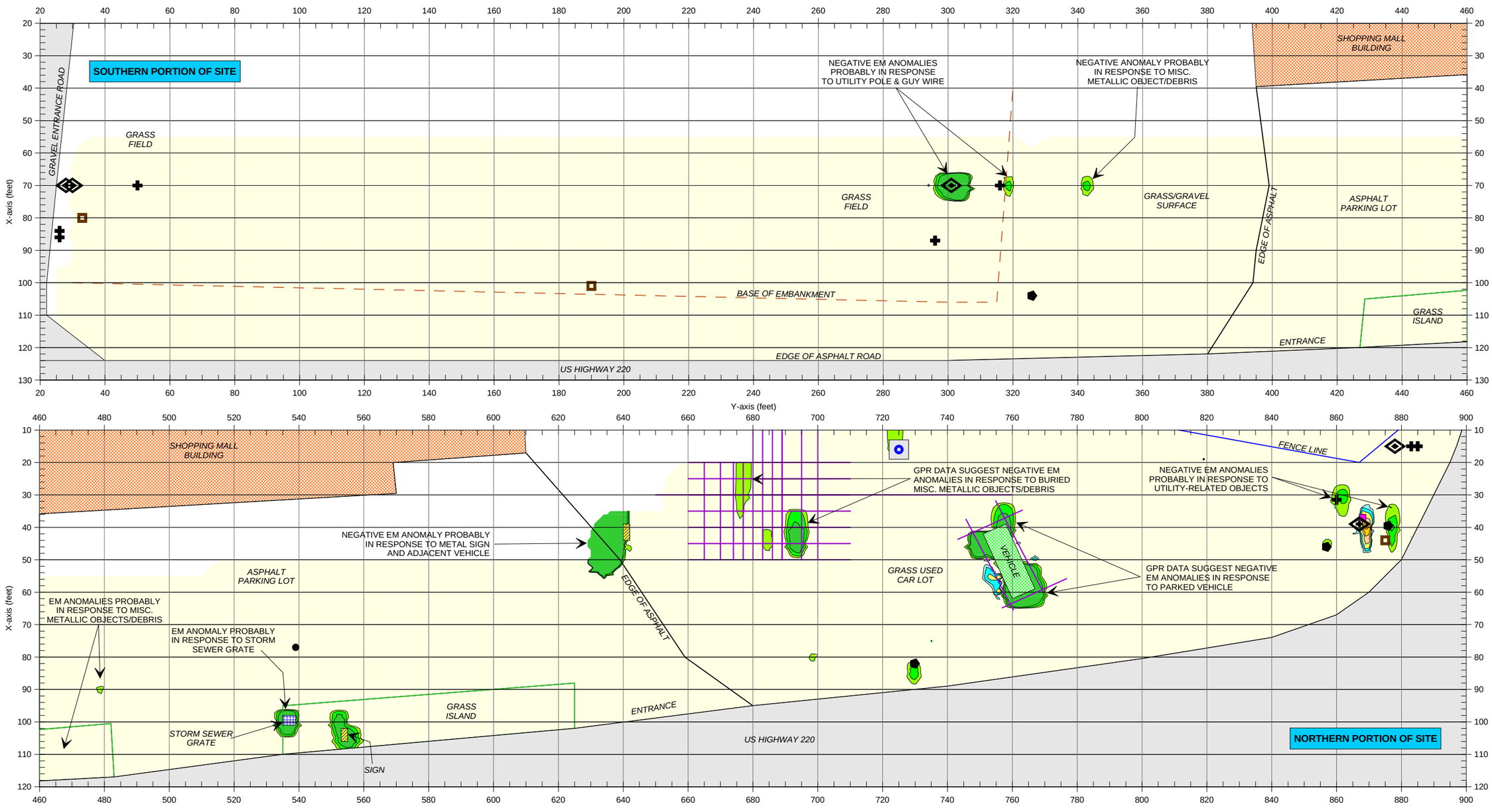
EM61 METAL DETECTION DIFFERENTIAL RESULTS

FIGURE 3



LEGEND

- SURVEY AREA: EM61 DATA ACQUIRED ALONG X-AXIS TRENDING LINES SPACED 5 FEET APART
- BUILDING
- PARKED VEHICLE
- RIGHT-OF-WAY MARKER
- EDGE OF CULVERT
- ELECTRICAL BOX
- STORM SEWER GRATE
- WATER WELL
- MONITORING WELL
- UTILITY POLE
- GUY WIRE
- ROAD SIGN
- UTILITY POLE
- GPR SURVEY LINE

W S N E

APPROXIMATE NORTH

EM61 DIFFERENTIAL RESPONSE (MILLIVOLTS)

-5000 -400 -200 -100 -90 -45 -60 -75 -100 -150 -200 -300 -400 -500 -750 -1000

Note: The contour plot shows the differential response between the bottom and top coils of the EM61 instrument in millivolts (mV). The differential response focuses on larger, buried metallic objects such as drums and USTs and ignores smaller misc., buried, metal debris. The EM61 data were collected on December 29, 2009 using a Geonics EM61 instrument. Ground penetrating radar (GPR) data (shown as purple lines) were acquired on January 6, 2010 using a Geophysical Survey Systems SIR 2000 instrument with a 400 MHz antenna.

The geophysical investigation suggests that the surveyed portion of the site does not contain buried, metallic USTs.

GRAPHIC SCALE IN FEET

DRWN	CHKD		FIGURE
MJD			
DATE	LAY	DWG	J-NO.
01/12/10			2009-328

CLIENT: AECOM ENVIRONMENT

SITE: OLD SUMMERFIELD SHOPPING CENTER INC. - PARCEL 79

CITY: SUMMERFIELD

STATE: NORTH CAROLINA

TITLE: GEOPHYSICAL RESULTS

PYRAMID ENVIRONMENTAL & ENGINEERING, P.C.

ATTACHMENT B

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-1
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			0.14		3" TOPSOIL; MEDIUM BROWN SILT/CLAY, DRY, NO ODOR.
			0.21		AS ABOVE, DRY, NO ODOR.
			0.35		AS ABOVE TO 5 FEET, BECOMES MOTTLED MEDIUM BROWN/WHITE SILT/SAND SAPROLITE, DRY, NO ODOR.
5.0					
			0.46		AS ABOVE, DRY, NO ODOR.
			0.52		AS ABOVE, DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
10.0			0.41		AS ABOVE, DRY, NO ODOR.
			0.45		AS ABOVE, DRY, NO ODOR.
15.0					TERMINATE BORING AT 14 FEET. NO GROUNDWATER ENCOUNTERED.
20.0					

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-2
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			0.41		3" TOPSOIL, MEDIUM BROWN SILTY COARSE-GRAINED SAND (POSSIBLE FILL), DRY, NO ODOR.
			0.45		AS ABOVE, DRY, NO ODOR.
			0.54		AS ABOVE, DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
5.0					
			0.44		MEDIUM BROWN STIFF SILT/CLAY SAPROLITE, DRY, NO ODOR.
			0.42		AS ABOVE, DRY, NO ODOR.
10.0			0.48		AS ABOVE, DRY, NO ODOR.
			0.41		AS ABOVE, DRY, NO ODOR.
15.0					TERMINATE BORING AT 14 FEET. NO GROUNDWATER ENCOUNTERED.
20.0					

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-3
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			0.33		3" TOPSOIL, MEDIUM BROWN SILT/SAND (POSSIBLE FILL), DRY, NO ODOR.
			0.38		AS ABOVE, DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
			0.32		MEDIUM BROWN STIFF SILT/CLAY SAPROLITE, DRY, NO ODOR.
5.0					
			0.31		AS ABOVE, DRY, NO ODOR.
			0.29		AS ABOVE, DRY, NO ODOR.
10.0			0.35		AS ABOVE, DRY, NO ODOR.
					REFUSAL AT 12 FEET. NO GROUNDWATER ENCOUNTERED.
15.0					
20.0					

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-4
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			0.26		3" ASPHALT AND GRAVEL, MEDIUM BROWN SILT/SAND (POSSIBLE FILL), DRY, NO ODOR.
			0.29		AS ABOVE, DRY, NO ODOR.
			0.30		MEDIUM BROWN STIFF SILT/CLAY SAPROLITE, DRY, NO ODOR.
5.0					
			0.33		AS ABOVE, DRY, NO ODOR.
			0.33		AS ABOVE, DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
10.0			0.32		AS ABOVE, DRY, NO ODOR.
			0.29		AS ABOVE, DRY, NO ODOR.
15.0					TERMINATE BORING AT 14 FEET. NO GROUNDWATER ENCOUNTERED.
20.0					

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-5
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			0.32		3" ASPHALT AND GRAVEL, MEDIUM BROWN SILT/SAND (POSSIBLE FILL), DRY, NO ODOR.
			0.33		AS ABOVE, DRY, NO ODOR.
			0.26		AS ABOVE, DRY, NO ODOR.
5.0					
			0.34		MEDIUM BROWN STIFF SILT/CLAY SAPROLITE, DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
			0.21		AS ABOVE, DRY, NO ODOR.
10.0					
			0.26		AS ABOVE, DRY, NO ODOR.
			0.19		AS ABOVE, DRY, NO ODOR.
15.0					TERMINATE BORING AT 14 FEET. NO GROUNDWATER ENCOUNTERED.
20.0					

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-6
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			0.27		MEDIUM BROWN SILT/SAND (POSSIBLE FILL), DRY, NO ODOR.
			0.31		AS ABOVE, DRY, NO ODOR.
			0.51		AS ABOVE, DRY, NO ODOR.
5.0					
			0.44		MEDIUM BROWN STIFF SILT/CLAY SAPROLITE, DRY, NO ODOR.
			0.57		AS ABOVE, DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
10.0			0.55		AS ABOVE, DRY, NO ODOR.
			0.32		AS ABOVE, DRY, NO ODOR.
15.0					TERMINATE BORING AT 14 FEET. NO GROUNDWATER ENCOUNTERED.
20.0					

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-7
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			0.44		MEDIUM BROWN SILT/SAND (POSSIBLE FILL), DRY, NO ODOR.
			0.41		AS ABOVE, DRY, NO ODOR.
			0.38		AS ABOVE, DRY, NO ODOR.
5.0					
			0.64		MEDIUM BROWN STIFF SILT/CLAY SAPROLITE, DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
			0.56		AS ABOVE, DRY, NO ODOR.
10.0					
			0.53		AS ABOVE, DRY, NO ODOR.
			0.48		AS ABOVE, DRY, NO ODOR.
15.0					TERMINATE BORING AT 14 FEET. NO GROUNDWATER ENCOUNTERED.
20.0					

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-8
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			4.79		3" ASPHALT AND GRAVEL, MEDIUM BROWN SILT/SAND (POSSIBLE FILL), DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
			0.44		AS ABOVE, DRY, NO ODOR.
			0.36		MEDIUM BROWN STIFF SILT/CLAY SAPROLITE, DRY, NO ODOR.
5.0					
			0.41		AS ABOVE, DRY, NO ODOR.
			0.51		AS ABOVE, DRY, NO ODOR.
10.0			0.47		AS ABOVE, DRY, NO ODOR.
			0.47		AS ABOVE, DRY, NO ODOR.
15.0					TERMINATE BORING AT 14 FEET. NO GROUNDWATER ENCOUNTERED.
20.0					

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-9
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			0.48		3" ASPHALT AND GRAVEL, MEDIUM BROWN SILT/SAND (POSSIBLE FILL), DRY, NO ODOR.
			0.51		AS ABOVE, DRY, NO ODOR.
			0.59		MEDIUM BROWN STIFF SILT/CLAY SAPROLITE, DRY, NO ODOR.
5.0					
			0.54		AS ABOVE, DRY, NO ODOR.
			0.38		AS ABOVE, DRY, NO ODOR.
10.0			0.57		AS ABOVE, DRY, NO ODOR.
			29		AS ABOVE, DRY, SLIGHT ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
					TERMINATE BORING AT 14 FEET. NO GROUNDWATER ENCOUNTERED.
15.0					
20.0					

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-10
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			0.47		3" TOPSOIL; MEDIUM BROWN SILT/SAND, DRY, NO ODOR.
			0.40		AS ABOVE, DRY, NO ODOR.
			0.57		MEDIUM BROWN STIFF SILT/CLAY SAPROLITE, DRY, NO ODOR.
5.0					
			0.56		AS ABOVE, DRY, NO ODOR.
			0.46		CHOCOLATE BROWN SILT AND FINE-GRAINED SAND, MICACEOUS, DRY, NO ODOR.
10.0			0.59		AS ABOVE, DRY, NO ODOR.
			0.21		AS ABOVE, DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
15.0					TERMINATE BORING AT 14 FEET. NO GROUNDWATER ENCOUNTERED.
20.0					

TEST BORING REPORT

PROJECT OLD SUMMERFIELD SHOPPING CENTER, INC. (PARCEL #79)
CLIENT NCDOT
PROJECT NUMBER 60144352 (WBS 34418.1.1)
CONTRACTOR REGIONAL PROBING
EQUIPMENT GEOPROBE

BORING NUMBER OC-11
PAGE 1
ELEVATION
DATE 1/14/10
DRILLER OPPER
PREPARED BY BRANSON

DEPTH IN FEET	CASING BLOWS FOOT	BLOWS PER 6 INCHES	OVA (ppm)	SAMPLE DEPTH RANGE	FIELD CLASSIFICATION AND REMARKS
			0.38		MEDIUM BROWN SILT/CLAY, DRY, NO ODOR.
			0.31		AS ABOVE, DRY, NO ODOR.
5.0			0.40		CHOCOLATE BROWN SILT AND FINE-GRAINED SAND, MICACEOUS, DRY, NO ODOR.
			0.44		AS ABOVE, DRY, NO ODOR.
			0.42		AS ABOVE, DRY, NO ODOR.
10.0			0.51		AS ABOVE, DRY, NO ODOR. SUBMIT TO LABORATORY FOR ANALYSIS.
			0.12		AS ABOVE, DRY, NO ODOR.
15.0					TERMINATE BORING AT 14 FEET. NO GROUNDWATER ENCOUNTERED.
20.0					

ATTACHMENT C

PHOTO 1 - BORING WITHIN PROPOSED R/W LOOKING EAST

PHOTO 2 - BORING IN PROPOSED R/W LOOKING WEST AT PROPOSED DROP INLET

PHOTO 3 - BORING WITHIN PROPOSED R/W LOOKING WEST

PHOTO 4 - BORING WITHIN PROPOSED R/W LOOKING WEST

PHOTO 5 - BORING WITHIN PROPOSED R/W LOOKING WEST

PHOTO 6 - BORING WITHIN PROPOSED R/W LOOKING WEST

PHOTO 7 - BORING WITHIN PROPOSED R/W LOOKING WEST

PHOTO 8 - BORINGS WITHIN PROPOSED R/W LOOKING WEST

PHOTO 9 - BORING WITHIN PROPOSED R/W LOOKING SOUTHWEST

PHOTO 10 - BORING WITHIN PROPOSED R/W LOOKING SOUTH

ATTACHMENT D

SGS

Mike Branson
AECOM
701 Corporate Center Drive
Raleigh, NC 27607

Report Number: G1037-46

Client Project: NCDOT-OLDS Summerfield Shopping Center

Dear Mike Branson,

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

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

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Barbara Hager Jan. 25. 2010

Project Manager
Barbara Hager

Date

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

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

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

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

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

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

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

% Rec = Percent Recovery

% soilds = Percent Solids

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

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID:	OC-1	Analyzed By:	BAO
Client Project ID:	NCDOT-OLDS Summerfield Shopping Ce	Date Collected:	1/14/2010 9:15
Lab Sample ID:	G1037-46-1A	Date Received:	1/18/2010
Lab Project ID:	G1037-46	Matrix:	Soil
Report Basis:	Dry Weight	Solids	85.30

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.17	mg/Kg	1	01/21/10 16:34

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	103.0	103.0		70-130

Comments:

Batch Information

Analytical Batch:	VP012110	Prep Method:	5035
Analytical Method:	8015	Initial Wt/Vol:	5.7 g
Instrument ID:	GC4	Final Volume:	5 mL
Analyst:	BAO		

Analyst: BAO

NC Certification #481

Reviewed By:

SGS North America, Inc.

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID:	OC-2	Analyzed By:	BAO
Client Project ID:	NCDOT-OLDS Summerfield Shopping Ce	Date Collected:	1/14/2010 9:30
Lab Sample ID:	G1037-46-2A	Date Received:	1/18/2010
Lab Project ID:	G1037-46	Matrix:	Soil
Report Basis:	Dry Weight	Solids	79.52

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.31	mg/Kg	1	01/21/10 17:01

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	102.0	102.0		70-130

Comments:

Batch Information

Analytical Batch:	VP012110	Prep Method:	5035
Analytical Method:	8015	Initial Wt/Vol:	7.11 g
Instrument ID:	GC4	Final Volume:	5 mL
Analyst:	BAO		

Analyst: BAO

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID:	OC-3	Analyzed By:	BAO
Client Project ID:	NCDOT-OLDS Summerfield Shopping Ce	Date Collected:	1/14/2010 9:50
Lab Sample ID:	G1037-46-3A	Date Received:	1/18/2010
Lab Project ID:	G1037-46	Matrix:	Soil
Report Basis:	Dry Weight	Solids	87.26

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.12	mg/Kg	1	01/21/10 17:28

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	104.0	104.0		70-130

Comments:

Batch Information

Analytical Batch:	VP012110	Prep Method:	5035
Analytical Method:	8015	Initial Wt/Vol:	5.62 g
Instrument ID:	GC4	Final Volume:	5 mL
Analyst:	BAO		

Analyst: BAO

NC Certification #481

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID:	OC-4	Analyzed By:	BAO
Client Project ID:	NCDOT-OLDS Summerfield Shopping Ce	Date Collected:	1/14/2010 10:15
Lab Sample ID:	G1037-46-4A	Date Received:	1/18/2010
Lab Project ID:	G1037-46	Matrix:	Soil
Report Basis:	Dry Weight	Solids	74.49

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.18	mg/Kg	1	01/21/10 17:54

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	102.0	102.0		70-130

Comments:

Batch Information

Analytical Batch:	VP012110	Prep Method:	5035
Analytical Method:	8015	Initial Wt/Vol:	6.52 g
Instrument ID:	GC4	Final Volume:	5 mL
Analyst:	BAO		

Analyst: BAO

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-5
Client Project ID: NCDOT-OLDS Summerfield Shopping Ce
Lab Sample ID: G1037-46-5A
Lab Project ID: G1037-46
Report Basis: Dry Weight

Analyzed By: BAO
Date Collected: 1/14/2010 10:30
Date Received: 1/18/2010
Matrix: Soil
Solids 78.49

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.62	mg/Kg	1	01/21/10 18:22

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	103.0	103.0		70-130

Comments:

Batch Information

Analytical Batch: VP012110
Analytical Method: 8015
Instrument ID: GC4
Analyst: BAO

Prep Method: 5035
Initial Wt/Vol: 6.8 g
Final Volume: 5 mL

Analyst: BAO

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID:	OC-6	Analyzed By:	BAO
Client Project ID:	NCDOT-OLDS Summerfield Shopping Ce	Date Collected:	1/14/2010 11:00
Lab Sample ID:	G1037-46-6A	Date Received:	1/18/2010
Lab Project ID:	G1037-46	Matrix:	Soil
Report Basis:	Dry Weight	Solids	75.64

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.25	mg/Kg	1	01/21/10 18:49

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	104.0	104.0		70-130

Comments:

Batch Information

Analytical Batch:	VP012110	Prep Method:	5035
Analytical Method:	8015	Initial Wt/Vol:	4.81 g
Instrument ID:	GC4	Final Volume:	5 mL
Analyst:	BAO		

Analyst: BAO

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID:	OC-7	Analyzed By:	BAO
Client Project ID:	NCDOT-OLDS Summerfield Shopping Ce	Date Collected:	1/14/2010 11:30
Lab Sample ID:	G1037-46-7A	Date Received:	1/18/2010
Lab Project ID:	G1037-46	Matrix:	Soil
Report Basis:	Dry Weight	Solids	75.95

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.58	mg/Kg	1	01/21/10 19:16

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	101.0	101.0		70-130

Comments:

Batch Information

Analytical Batch:	VP012110	Prep Method:	5035
Analytical Method:	8015	Initial Wt/Vol:	7.08 g
Instrument ID:	GC4	Final Volume:	5 mL
Analyst:	BAO		

Analyst: BAO

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID:	OC-8	Analyzed By:	BAO
Client Project ID:	NCDOT-OLDS Summerfield Shopping Ce	Date Collected:	1/14/2010 12:45
Lab Sample ID:	G1037-46-8A	Date Received:	1/18/2010
Lab Project ID:	G1037-46	Matrix:	Soil
Report Basis:	Dry Weight	Solids	81.37

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.93	mg/Kg	1	01/21/10 19:43

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	103.0	103.0		70-130

Comments:

Batch Information

Analytical Batch:	VP012110	Prep Method:	5035
Analytical Method:	8015	Initial Wt/Vol:	6.22 g
Instrument ID:	GC4	Final Volume:	5 mL
Analyst:	BAO		

Analyst: BAO

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID:	OC-9	Analyzed By:	BAO
Client Project ID:	NCDOT-OLDS Summerfield Shopping Ce	Date Collected:	1/14/2010 13:00
Lab Sample ID:	G1037-46-9A	Date Received:	1/18/2010
Lab Project ID:	G1037-46	Matrix:	Soil
Report Basis:	Dry Weight	Solids	81.11

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.26	mg/Kg	1	01/21/10 20:10

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	103.0	103.0		70-130

Comments:

Batch Information

Analytical Batch:	VP012110	Prep Method:	5035
Analytical Method:	8015	Initial Wt/Vol:	5.91 g
Instrument ID:	GC4	Final Volume:	5 mL
Analyst:	BAO		

Analyst: BAO

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID:	OC-10	Analyzed By:	BAO
Client Project ID:	NCDOT-OLDS Summerfield Shopping Ce	Date Collected:	1/14/2010 13:45
Lab Sample ID:	G1037-46-10A	Date Received:	1/18/2010
Lab Project ID:	G1037-46	Matrix:	Soil
Report Basis:	Dry Weight	Solids	80.57

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.67	mg/Kg	1	01/21/10 20:37

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	106.0	106.0		70-130

Comments:

Batch Information

Analytical Batch:	VP012110	Prep Method:	5035
Analytical Method:	8015	Initial Wt/Vol:	5.58 g
Instrument ID:	GC4	Final Volume:	5 mL
Analyst:	BAO		

Analyst: BAO

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID:	OC-11	Analyzed By:	BAO
Client Project ID:	NCDOT-OLDS Summerfield Shopping Ce	Date Collected:	1/14/2010 14:00
Lab Sample ID:	G1037-46-11A	Date Received:	1/18/2010
Lab Project ID:	G1037-46	Matrix:	Soil
Report Basis:	Dry Weight	Solids	79.94

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.12	mg/Kg	1	01/21/10 21:04

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	102.0	102.0		70-130

Comments:

Batch Information

Analytical Batch:	VP012110	Prep Method:	5035
Analytical Method:	8015	Initial Wt/Vol:	4.62 g
Instrument ID:	GC4	Final Volume:	5 mL
Analyst:	BAO		

Analyst: BAO

NC Certification #481

Reviewed By:

SGS North America, Inc.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK4012110A
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: BAO
Date Collected:
Date Received:
Matrix: Soil
Solids 100.00

Analyte	Result	RL	Units	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.00	mg/kg	1	01/21/10 16:07

Surrogate Spike Results

	Added	Result	Recovery	Flag	Limits
BFB	100	103.0	103.0		70-130

Comments:

Batch Information

Analytical Batch: VP012110
Analytical Method: 8015
Instrument ID: GC4
Analyst: BAO

Prep Method: 5030
Initial Wt/Vol: 5 g
Final Volume: 5 mL

Analyst: BAO

NC Certification #481

Reviewed By: OVO

QC Results for Total Petroleum Hydrocarbons
by GC/FID

Client Sample ID: Batch QC
Lab Sample ID: g1037-46-9a
LCS ID: LCS4012110A / VP012110

Analyzed By: BAO
Matrix: Soil
Solids 81.11

MS/MSD

Analyte	Sample MG/KG	Spiked MG/KG	MS MG/KG	REC % #	Spiked MG/KG	MSD MG/KG	REC % #	RPD % #
				(70-130%)			(70-130%)	(30%)
GRO	BQL	16.7	16.4	98.2	16.7	17	102	3.8

LCS

Analyte	Spiked MG/KG	Result MG/KG	REC % #	LIMITS Lower	Upper
GRO	16	14.4	90	70	130

Comments:

Reviewed By: DVO

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-1
Client Project ID: NCDOT-OLDS Summerfield Shopping Center
Lab Sample ID: G1037-46-1D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 9:15
Date Received: 1/18/2010
Matrix: Soil
Solids 85.30
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.30	mg/Kg	1	01/22/10 01:45

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	30.1	75.3

Comments:

Batch Information

Analytical Batch: EP012110
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.13 G
Prep Final Vol: 10 mL

Analyst: FX

NC Certification #481

Reviewed By:

SGS North America, Inc.

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-1
Client Project ID: NCDOT-OLDS Summerfield Shopping Center
Lab Sample ID: G1037-46-1D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 9:15
Date Received: 1/18/2010
Matrix: Soil
Solids 85.30
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.30	mg/Kg	1	01/22/10 01:45

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	30.1	75.3

Comments:

Batch Information

Analytical Batch: EP012110
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.13 G
Prep Final Vol: 10 mL

Analyst: FM

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-2
Client Project ID: NCDOT-OLDS Summerfield Shopping Center
Lab Sample ID: G1037-46-2D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 9:30
Date Received: 1/18/2010
Matrix: Soil
Solids 79.52
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.75	mg/Kg	1	01/22/10 02:13

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	27.9	69.8

Comments:

Batch Information

Analytical Batch: EP012110
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.46 G
Prep Final Vol: 10 mL

Analyst: F.K

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-3
Client Project ID: NCDOT-OLDS Summerfield Shopping Center
Lab Sample ID: G1037-46-3D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 9:50
Date Received: 1/18/2010
Matrix: Soil
Solids 87.26
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.09	mg/Kg	1	01/22/10 02:42

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	31.3	78.2

Comments:

Batch Information

Analytical Batch: EP012110
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.33 G
Prep Final Vol: 10 mL

Analyst: FH

NC Certification #481

Reviewed By: [signature]

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-4
Client Project ID: NCDOT-OLDS Summerfield Shopping Center
Lab Sample ID: G1037-46-4D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 10:15
Date Received: 1/18/2010
Matrix: Soil
Solids 74.49
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	8.37	mg/Kg	1	01/22/10 03:10

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	29	72.4

Comments:

Batch Information

Analytical Batch: EP012110
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.06 G
Prep Final Vol: 10 mL

Analyst: FD

NC Certification #481

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-5
Client Project ID: NCDOT-OLDS Summerfield Shopping Center
Lab Sample ID: G1037-46-5D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 10:30
Date Received: 1/18/2010
Matrix: Soil
Solids 78.49
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.89	mg/Kg	1	01/22/10 03:38

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	29.5	73.7

Comments:

Batch Information

Analytical Batch: EP012110
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.3 G
Prep Final Vol: 10 mL

Analyst: FA

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-6
Client Project ID: NCDOT-OLDS Summerfield Shopping Center
Lab Sample ID: G1037-46-6D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 11:00
Date Received: 1/18/2010
Matrix: Soil
Solids 75.64
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	8.24	mg/Kg	1	01/22/10 04:06

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	28.5	71.1

Comments:

Batch Information

Analytical Batch: EP012110
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.09 G
Prep Final Vol: 10 mL

Analyst: FX

NC Certification #481

Reviewed By:

SGS North America, Inc.

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-7
Client Project ID: NCDOT-OLDS Summerfield Shopping Center
Lab Sample ID: G1037-46-7D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 11:30
Date Received: 1/18/2010
Matrix: Soil
Solids 75.95
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	8.22	mg/Kg	1	01/22/10 04:35

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	29.9	74.6

Comments:

Batch Information

Analytical Batch: EP012110
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.05 G
Prep Final Vol: 10 mL

Analyst: FX

NC Certification #481

Reviewed By:

DRO XLS

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-8
Client Project ID: NCDOT-OLDS Summerfield Shopping Center
Lab Sample ID: G1037-46-8D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 12:45
Date Received: 1/18/2010
Matrix: Soil
Solids 81.37
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.65	mg/Kg	1	01/22/10 05:03

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	30.9	77.3

Comments:

Batch Information

Analytical Batch: EP012110
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.12 G
Prep Final Vol: 10 mL

Analyst: _____

NC Certification #481

Reviewed By: _____

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-9
Client Project ID: NCDOT-OLDS Summerfield Shopping Cente
Lab Sample ID: G1037-46-9D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 13:00
Date Received: 1/18/2010
Matrix: Soil
Solids 81.11
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.66	mg/Kg	1	01/22/10 18:10

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	28.7	71.7

Comments:

Batch Information

Analytical Batch: EP012210
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.18 G
Prep Final Vol: 10 mL

Analyst: FX

NC Certification #481

Reviewed By:

SGS North America, Inc.

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-10
Client Project ID: NCDOT-OLDS Summerfield Shopping Cente
Lab Sample ID: G1037-46-10D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 13:45
Date Received: 1/18/2010
Matrix: Soil
Solids 80.57
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.72	mg/Kg	1	01/22/10 18:39

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	29.5	73.7

Comments:

Batch Information

Analytical Batch: EP012210
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.16 G
Prep Final Vol: 10 mL

Analyst: FX

NC Certification #481

Reviewed By: DRO XLS

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: OC-11
Client Project ID: NCDOT-OLDS Summerfield Shopping Cente
Lab Sample ID: G1037-46-11D
Lab Project ID: G1037-46

Date Collected: 1/14/2010 14:00
Date Received: 1/18/2010
Matrix: Soil
Solids 79.94
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.76	mg/Kg	1	01/22/10 19:07

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	27.9	69.7

Comments:

Batch Information

Analytical Batch: EP012210
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32.22 G
Prep Final Vol: 10 mL

Analyst: FM

NC Certification #481

Reviewed By:

Results for Total Petroleum Hydrocarbons
by **GC/FID 8015**

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB15917
Lab Project ID:

Date Collected:
Date Received:
Matrix: SOIL
Solids 100.00
Report Basis: Dry Weight

Parameter	Result	RL	Units	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	6.25	mg/Kg	1	01/21/10 23:52

Surrogate Spike Results	Spike Added	Control Limits	Spike Result	Percent Recovery
OTP	40	40-140	33.2	83

Comments:

Batch Information

Analytical Batch: EP012110
Analytical Method: 8015
Instrument: GC6
Analyst: DTF

Prep batch: 15917
Prep Method: 3541
Prep Date: 01/19/10
Initial Prep Wt/Vol: 32 G
Prep Final Vol: 10 mL

Analyst: FX

NC Certification #481

Reviewed By: DRO.XLS

QC Results for Total Petroleum Hydrocarbons
by **GC/FID**

Client Sample ID: Batch QC
Lab Sample ID: G1037-47-7D
Batch ID: 15917

Analyzed By: DTF
Matrix: Soil
Solids 79.84

MS/MSD

Analyte	Sample MG/KG	Spiked MG/KG	MS MG/KG	REC %	#	Spiked MG/KG	MSD MG/KG	REC %	#	RPD %
DRO	BQL	78.1	54.9	70.3		77.6	57.4	74		5.13

LCS

Analyte	Spiked MG/KG	Result MG/KG	REC %	#	LIMITS Lower	Upper
DRO	62.5	49.4	79		55.3	137

Reviewed By: _____

SGS

CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

Locations Nationwide
- Alaska
- Louisiana
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

www.us.sgs.com

054787

(1)
CLIENT: AECOM
CONTACT: Mike Branson PHONE NO:(919) 854 6238
PROJECT: NCDOT-OLD Summerfield SITE/PWSID#: Shopping Center
REPORTS TO: 701 Corporate Center Dr. Suite 475 Raleigh NC FAX NO.:(919 854 6259
INVOICE TO: NCDOT QUOTE #
P.O. NUMBER WBS 34418.1.1

SGS Reference: G1037-46

PAGE 1 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	Preservatives Used	—	MeOH	Analysis Required (3) DRO	GRO	REMARKS
	OC-1	1/14/10	0915	Soil	3	C				✓	✓	
	OC-2	1/14/10	0930	Soil	3	C				✓	✓	
	OC-3	1/14/10	0950	Soil	3	C				✓	✓	
	OC-4	1/14/10	1015	Soil	3	C				✓	✓	
	OC-5	1/14/10	1030	Soil	3	C				✓	✓	
	OC-6	1/14/10	1100	Soil	3	C				✓	✓	
	OC-7	1/14/10	1130	Soil	3	C				✓	✓	
	OC-8	1/14/10	1245	Soil	3	C				✓	✓	

(5)

	Date	Time	
Collected/Relinquished By:(1) M Branson	1/15/10	1006	Received By:
Relinquished By: (2)	Date	Time	Received By:
Nate Beam	1/18/10	0800	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:
Shipping Ticket No:
Special Deliverable Requirements:

Samples Received Cold? (Circle) YES NO
Temperature °C: 2.5
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

STANDARD

SGS North America, Inc.

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

Locations Nationwide
- Alaska
- Louisiana
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

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054786

(1)

CLIENT: AECOM

CONTACT: MIKE BRANSON PHONE NO:(919) 854 6238

PROJECT: NCDOT - OLD Summerfield Shopping Center SITE/PWSID#:

REPORTS TO: 701 Corporate Center Dr. Suite 475, Raleigh FAX NO.:(919) 854-6259

INVOICE TO: QUOTE #

P.O. NUMBER

SGS Reference: G1037-46

PAGE 2 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	Preservatives Used	—	MeOH	Analysis Required (3) DRO	GRO	REMARKS
✓	OC-9	1/14/10	1300	SOIL	3	C				✓	✓	
✓	OC-10	1/14/10	1345	SOIL	3	C				✓	✓	
✓	OC-11	1/14/10	1400	SOIL	3	C				✓	✓	

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
[signature]	1/15/10	1000	[signature]
Relinquished By: (2) [signature]	Date 1/18/10	Time 0800	Received By: [signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C: 2.5

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

STANDARD

SGS North America, Inc.

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler