PRELIMINARY SITE ASSESSMENT

PARCEL #125, MCDONALD'S PROPERTY
CHARLOTTE – US 74 (INDEPENDENCE BOULEVARD) FROM NC 24 - 27
(ALBEMARLE ROAD) TO IDELWILD ROAD
MECKLENBURG COUNTY, NORTH CAROLINA

NCDOT WBS ELEMENT 3479.1.1
STATE PROJECT U-0209B

August 20, 2010

Prepared for:

Ethan J. Caldwell, L.G., P. E.
North Carolina Department of Transportation
Geotechnical Engineering Unit
GeoEnvironmental Section
1589 Mail Service Center
Raleigh, North Carolina 27699-1589

Prepared by:

Kleinfelder Southeast, Inc.
313 Gallimore Dairy Road
Greensboro, North Carolina 27409

Kleinfelder Project No. 111989

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August 20, 2010
File No. 111989 | GSO10R160

Ethan J. Caldwell, L.G., P. E.
North Carolina Department of Transportation
1589 Mail Service Center
Raleigh, North Carolina 27699-1589

Reference: **Preliminary Site Assessment**
WBS Element No. 34749.1.1, State Project U-0209B
Parcel #125, McDonald's Property
Mecklenburg County, North Carolina

Dear Mr. Caldwell:

Please find enclosed a report summarizing the sampling activities for the preliminary site assessment conducted at the referenced site. Laboratory analysis of soil samples collected at the site did not detect petroleum hydrocarbons concentrations above the method detection limits of the laboratory method. This report summarizes our field activities, results, laboratory report, and conclusions.

Should questions arise or additional information be required, please contact the undersigned.

Sincerely,

Kleinfelder Southeast, Inc.

Annamarie Blauser
Staff Professional I

John M. Stewart, P.G.
Senior Professional

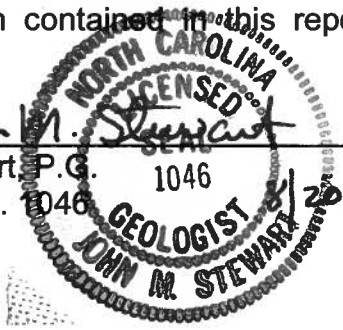
AB/JMS:cas
Enclosure

PRELIMINARY SITE ASSESSMENT

Site Name and Location:	Parcel #125, McDonald's Property 5600 E. Independence Boulevard Charlotte, Mecklenburg County, North Carolina
Latitude and Longitude:	35° 11' 0" N, 80° 45' 24" W
Facility ID Number:	0-017313
NCDOT Project No.:	NCDOT WBS Element 34749.1.1 State Project U-0209B
Date of Report:	August 20, 2010
Consultant:	Kleinfelder 313 Gallimore Dairy Road Greensboro, North Carolina 27409 Attn: Mr. John M. Stewart Phone: 336.668.0093 X115

Seal and Signature of Certifying Licensed Geologist

I, John M. Stewart, a Licensed Geologist for Kleinfelder Southeast, Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge.



John M. Stewart, P.G.
NC License No. 1046

8/20/10

TABLE OF CONTENTS

1.0 INTRODUCTION 1
1.1 SITE DESCRIPTION 1
1.2 SITE LOCATION 1
1.3 NCDENR FILE REVIEW 2

2.0 SITE ASSESSMENT 3
2.1 GEOPHYSICAL INVESTIGATION 3
2.2 SOIL SAMPLING 3

3.0 RESULTS 4
3.1 GEOPHYSICAL INVESTIGATION 4
3.2 SOIL SAMPLE 4

4.0 CONCLUSIONS 4

5.0 LIMITATIONS 5

TABLES

1 Soil Sample PID Results
2 Soil Sample Analytical Summary

FIGURES

1 Site Location Map
2 Site Map
3 Boring Location Map

APPENDICES

A Site Photographs
B Pyramid Environmental & Engineering, P.C. Geophysical Survey Report
C Boring Logs
D Laboratory Report

1.0 INTRODUCTION

Kleinfelder Southeast, Inc. (Kleinfelder) has prepared this Preliminary Site Assessment (PSA) report documenting assessment activities performed at the McDonald's property (Parcel 125) located at 5600 East Independence Boulevard (US 74) in Charlotte, Mecklenburg County, North Carolina. This assessment was conducted on behalf of the North Carolina Department of Transportation (NCDOT) in accordance with Kleinfelder's June 15, 2010 proposal.

NCDOT is proposing to widen US 74 (Independence Boulevard) from NC 24-27 (Albemarle Road) to Idlewild Road and construct a bridge with on and off ramps accessing Idlewild Road. The proposed right-of-way will include the entire McDonald's property (Figure 2); therefore, NCDOT has determined that the entire property will be taken. There is concern that contaminated soils could be encountered during the construction activities at this site.

The purpose of this assessment was to determine the presence or absence of impacted soil at the subject property in proposed right-of-way construction areas related to the widening of US 74 (Independence Boulevard) from NC 24 -27 (Albemarle Road) to Idlewild Road.

1.1 Site Description

The proposed right-of-way encompasses the entire property owned by Independence Shopping Center. At the time of our site reconnaissance, this parcel was occupied by a McDonald's restaurant (McDonald's, Facility ID No. 0-0017131). The restaurant is located in the center of the property with the majority of the site covered with asphalt. Site photographs are included in Appendix A.

1.2 Site Location

The property is located in the southwest quadrant of Idlewild Road and East Independence Boulevard intersection. The property is bound to the north by Idlewild Road and beyond by a BP gas station. The property is bound to the east by East Independence Boulevard and beyond by a Circle K gas station. A shopping center is located south of the property and a Wachovia Bank is located west of the property.

1.3 NCDENR File Review

Kleinfelder reviewed archived documented files at the North Carolina Department of Environment and Natural Resources (NCDENR) Mooresville Regional Office. Archived files are generally for those incidents that have been closed. A past release at the site was issued Incident Number 3469. Documented information associated with Incident Number 3469 is summarized below.

- On March 18, 1986, a Certification Test for Gasoline Tanks and Lines was prepared for the tank onsite. The tank was reported as tight and leak free.
- In June 19, 1987 a Pollution Incident was reported. During the removal of one 10,000 gallon UST, contaminated soil was observed under the UST. Soil was removed down to a depth of 15 feet below ground surface (bgs). At the point where moisture was detected, the excavation was halted. Two of the four monitoring wells located around the UST were sampled. Gasoline was the last material contained by the UST. The product lines were not excavated.
- On August 10, 1987, Law Engineering Geotechnical Environmental and Construction Materials Consultants (Law Engineering) prepared a Report of Testing and Consulting Services. The report stated that the groundwater was contaminated with petroleum constituents and that the plume was not extensive in either horizontal or vertical extent.
- On August 28, 1987, NCDENR required periodic groundwater monitoring.
- October 20, 1987, Law Engineering prepared a Report of Testing Services that stated MW-5 probably can be abandoned.
- On December 4, 1987, Law Engineering prepared a Report of Sampling and Testing Services, stating that all four wells were contaminated.
- On March 3, 1988, Law Engineering prepared a Report of Sampling and Testing Services, stating that three of four wells were contaminated.
- On July 26, 1988, Law Engineering prepared a Report of Quarterly Sampling, stating that one of four wells was contaminated.
- On October 8, 1998, S&ME prepared a Well Abandonment Form for three wells on the property.
- On October 20, 1988, Law Engineering prepared a Report of Quarterly Sampling, stating that one of four wells was contaminated.
- On November 21, 1989, Law Engineering prepared a Report of Semi-Annual Sampling, stating that one of four wells was contaminated.
- S&ME prepared a Proposed Groundwater Sampling and Analyses Schedule after Variance Approval report. One year after the site sampling was halted, S&ME sampled the wells and analytical laboratory results indicated that one well was contaminated.

- On October 26, 1992, ENSCI Corporation (ENSCI) prepared a Semi-annual Groundwater Sampling and Analysis Report. Three of the monitoring wells sampled had results above the State Standard.
- October 1, 1998, S&ME prepared a Notification of Approval of No Further Action.
- November 13, 1998, S&ME prepared a Notification Status for Site Closure.
- September 4, 1998, NCDENR sent out a No Further Action for the site.

2.0 SITE ASSESSMENT

2.1 Geophysical Investigation

Pyramid Environmental & Engineering, P.C (Pyramid) conducted a geophysical investigation of the area where the former UST was located (south side of restaurant) on June 28 and July 1, 2010. Pyramid utilized electromagnetic (EM) induction technology to identify potential geophysical anomalies and potential USTs at the site. A more detailed description of their scope of work is explained in their Geophysical Investigation Report included in Appendix B. Prior to drilling the soil borings, buried utilities were marked by NC One Call and Taylor Wiseman & Taylor (TWT).

2.2 Soil Sampling

To determine if contaminated soil may be encountered during the proposed construction activities, soil samples were collected at the location of the removed UST (south of the drive through) and along the north and east sides of the property along proposed drainages. Kleinfelder met Probe Technology at the McDonald's property on July 20, 2010; Probe Technology advanced six soil borings (B-1 to B-6) by direct push technology (DPT). The approximate location of the borings is shown on Figure 3.

Soil borings were advanced to a depth of 12 feet below the ground surface (bgs). Boring B-1 was located south of the drive through at the location of the previously removed UST. Borings B-2 through B-6 were located along the north and east sides of the property where drainage features and bridge construction are proposed. Soil samples were collected by driving a macrocore sampler in 5-foot intervals in each boring. Each 5-foot sample sleeve was divided in half and screened for volatile organic compounds in the field using a MiniRae 2000 photo-ionization detector (PID). In each boring, the soil interval with the highest PID reading was collected for laboratory

analysis. If no organic vapors were detected, the sample collected from the bottom of the boring was submitted for analysis. The PID readings are summarized in Table 1. Copies of the boring logs are included in Appendix C.

Prior to the initial boring and after each subsequent boring, the sampling equipment was decontaminated. The soil samples collected for laboratory analysis were analyzed for total petroleum hydrocarbons (TPH) similar to diesel and gasoline (DRO/GRO) using EPA Method 8015B following 3550 and 5035 preparation. All soil samples were placed into laboratory provided jars, labeled, and maintained on ice until delivered to Prism laboratories, a NCDOT contract laboratory for chemical analysis.

3.0 RESULTS

3.1 Geophysical Investigation

Pyramid's results indicate that the EM investigation did not detect unknown metallic USTs within the survey area. Pyramid's report is included in Appendix C.

3.2 Soil Sample

Total petroleum hydrocarbons (TPH) were not detected at concentrations above the method detection limits in any of the soil samples. The laboratory results are summarized in Table 2 and on Figure 3. The laboratory report and associated chain-of-custody document are included in Appendix D.

4.0 CONCLUSIONS

Based on results of the laboratory analysis and field observations, Kleinfelder has the following conclusions:

- Groundwater was not encountered in the soil borings.
- TPH was not detected at concentrations above the method detection limits in the soil samples.

- An incident associated with the release of gasoline from a former UST located near the southeast corner of the property has received a No Further Action.

5.0 LIMITATIONS

Our work has been performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services were provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

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TABLES

TABLE 1: SOIL SAMPLE PID RESULTS

SAMPLE LOCATION	DEPTH (feet bgs)	PID READINGS
B-1	0.0 - 2.0	1.5
	2.0 - 4.0	1.3
	4.0 - 6.0	1.0
	6.0 - 8.0	4.6
	8.0 - 10.0	**5.0**
	10.0 - 12.0	4.2
B-2	0.0 - 2.0	0.0
	2.0 - 4.0	0.2
	4.0 - 6.0	**0.4**
	6.0 - 8.0	0.2
	8.0 - 10.0	0.0
	10.0 - 12.0	0.0
B-3	0.0 - 2.0	0.0
	2.0 - 4.0	0.2
	4.0 - 6.0	0.3
	6.0 - 8.0	**0.3**
	8.0 - 10.0	0.1
	10.0 - 12.0	0.0
B-4	0.0 - 2.0	0.1
	2.0 - 4.0	0.0
	4.0 - 6.0	0.1
	6.0 - 8.0	**0.5**
	8.0 - 10.0	0.0
	10.0 - 12.0	0.3
B-5	0.0 - 2.0	0.0
	2.0 - 4.0	0.0
	4.0 - 6.0	0.0
	6.0 - 8.0	0.0
	8.0 - 10.0	0.0
	10.0 - 12.0	**0.0**
B-6	0.0 - 2.0	0.0
	2.0 - 4.0	0.0
	4.0 - 6.0	0.1
	6.0 - 8.0	0.1
	8.0 - 10.0	0.1
	10.0 - 12.0	**0.1**

Notes:
Samples were collected on July 20, 2010.
Readings reported in parts per million
feet bgs = feet below ground surface
Bold = Selected for laboratory analysis

TABLE 2: SOIL SAMPLE ANALYTICAL SUMMARY

SAMPLE ID	COLLECTION DATE	DRO	GRO
B-1 (8-10ft)	7/20/2010	BRL	BRL
B-2 (4-6ft)	7/20/2010	BRL	BRL
B-3 (6-8ft)	7/20/2010	BRL	BRL
B-4 (6-8ft)	7/20/2010	BRL	BRL
B-5 (10-12ft)	7/20/2010	BRL	BRL
B-6 (10-12ft)	7/20/2010	BRL	BRL
State Action Level		10	10

Notes:

Sample collection depth is indicated in Sample ID, following sequential soil sample number
Results presented in milligrams per kilogram, analogous to parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
BRL = Below reporting limit
Bold denotes concentration exceeds the State Action Level

FIGURES

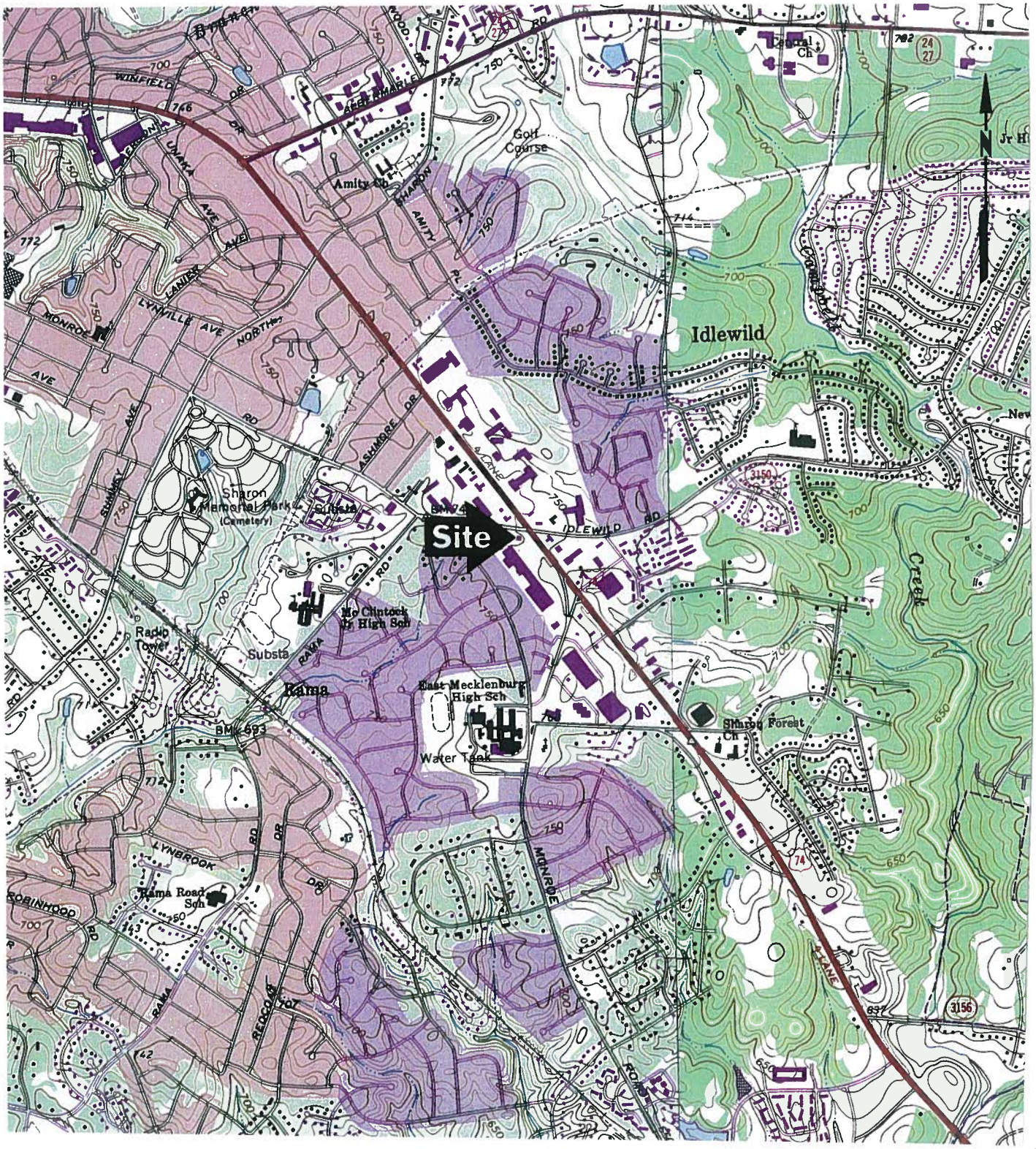

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FIGURE 1
SITE LOCATION MAP

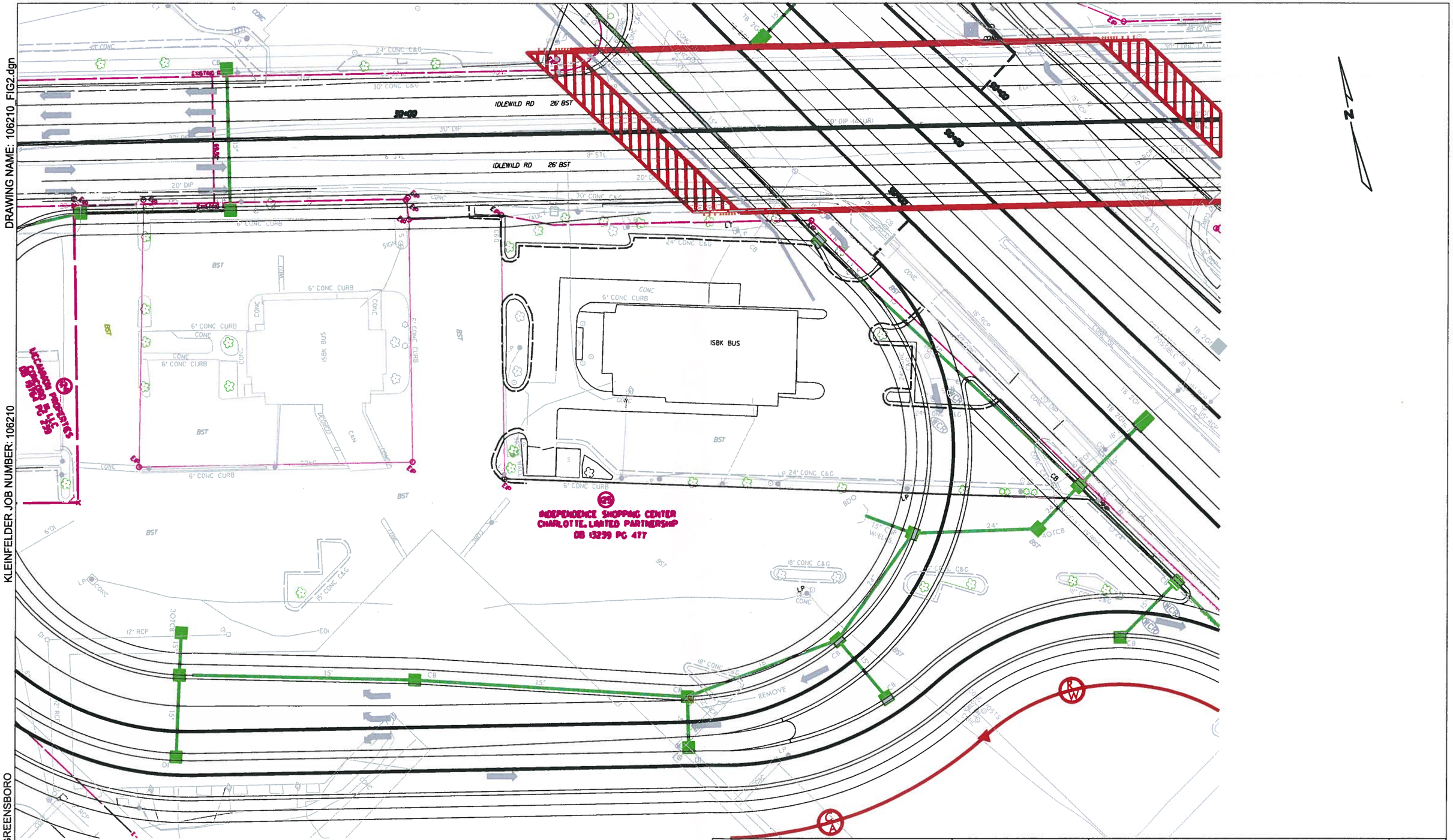
PARCEL # 125 – MCDONALD'S PROPERTY
5600 EAST INDEPENDENCE BOULEVARD
MECKLENBURG COUNTY, NORTH CAROLINA

DATE: July 26, 2010	APPROVED BY:	SCALE: 1" to 2,000'
SOURCE: USGS 7.5' Topographic Map, Charlotte East Quadrangle		PROJECT NO. 111989

DRAWING NAME: 106210_FIG2.dgn

KLEINFELDER JOB NUMBER: 106210

OFFICE LOCATION: GREENSBORO



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GRAPHIC SCALE

50 0 50 100

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PROJECT NO.	106210
DRAWN:	08/06/2010
DRAWN BY:	DJH
CHECKED BY:	JMS
SCALE:	1" = 50'

SITE MAP

PARCEL #125
INDEPENDENCE SHOPPING CENTER (MCDONALDS)
5600 E. INDEPENDENCE BOULEVARD

TIP NO. U-0209B | WBS ELEMENT NO. 34749.1.1

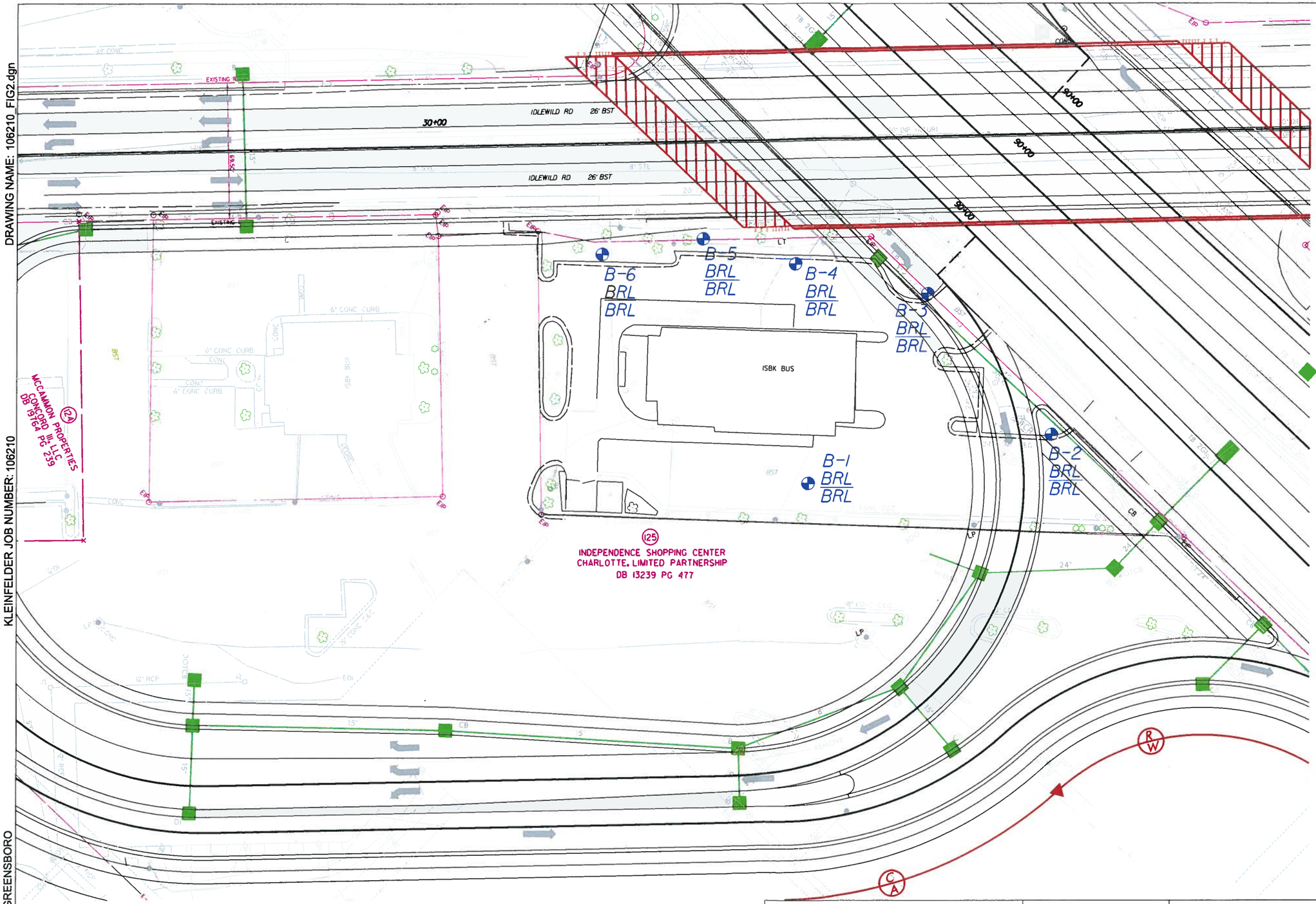
MECKLENBURG COUNTY
NORTH CAROLINA

FIGURE: **2**

DRAWING NAME: 106210_FIG2.dgn

KLEINFELDER JOB NUMBER: 106210

OFFICE LOCATION: GREENSBORO



EXPLANATION

B-1 — **SOIL BORING**

BRL / BRL — **GRO / DRO IN PPM**

NOTE: **BRL - BELOW REPORTING LIMIT**
GRO - GASOLINE RANGE ORGANICS
DRO - DIESEL RANGE ORGANICS

GRAPHIC SCALE
50 0 50 100

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PROJECT NO.	106210
DRAWN:	08/06/2010
DRAWN BY:	DJH
CHECKED BY:	JMS
SCALE:	1" = 50'

BORING LOCATION MAP

PARCEL #125
INDEPENDENCE SHOPPING CENTER (MCDONALDS)
5600 E. INDEPENDENCE BOULEVARD

TIP NO. U-0209B | WBS ELEMENT NO. 34749.1.1

MECKLENBURG COUNTY
NORTH CAROLINA

FIGURE: **3**

APPENDIX A

SITE PHOTOGRAPHS
KLEINFELDER PROJECT NO. 111989
PARCEL NO. 125

Photograph 1 – View of the McDonald's property looking northwest from the southeastern portion of the property.

Photograph 2 – View of the McDonald's property along Idlewild Road looking east.

APPENDIX B

Pyramid Project # 2010153

GEOPHYSICAL INVESTIGATION REPORT

EM61 & GPR SURVEYS

CHARLOTTE LIMITED PARTNERSHIP PROPERTY
PARCEL 125
Charlotte, North Carolina

August 10, 2010

Report prepared for: John Stewart P.G.
Kleinfelder
6200 Harris Technology Boulevard
Charlotte, NC 28269

Prepared by: Mark J. Denil, P.G.

Reviewed by: Douglas Canavello, P.G.

PYRAMID ENVIRONMENTAL & ENGINEERING, P.C.
P.O. Box 16265
GREENSBORO, NC 27416-0265
(336) 335-3174

Kleinfelder
GEOPHYSICAL INVESTIGATION REPORT
CHARLOTTE LIMITED PARTNERSHIP PROPERTY
PARCEL 125
Charlotte, North Carolina

TABLE OF CONTENTS PAGE

1.0 INTRODUCTION 1

2.0 FIELD METHODOLOGY 1

3.0 DISCUSSION OF RESULTS 2

4.0 SUMMARY & CONCLUSIONS 3

5.0 LIMITATIONS 3

FIGURES

Figure 1 Geophysical Equipment & Site Photographs
Figure 2 EM61 Metal Detection Results

1.0 INTRODUCTION

Pyramid Environmental conducted a geophysical investigation for Kleinfelder across a portion of the Charlotte Limited Partnership property (Parcel 125) located along the southwest corner of the Independence Boulevard and Idlewild Road intersection in Charlotte, North Carolina. Conducted on June 28 and July 1, 2010 the geophysical investigation was performed as part of the North Carolina Department of Transportation (NCDOT) preliminary site assessment project to determine if unknown, metallic underground storage tanks (UST's) were present beneath the area of interest.

Parcel 125 consists of a McDonalds Restaurant and the geophysical survey area was limited to a portion of the drive through and parking lot areas located adjacent to the southeast corner of the restaurant building. The geophysical survey area had a maximum length and width of 90 feet and 35 feet, respectively and consisted of asphalt and concrete pavement.

Kleinfelder representative Mr. John Stewart, PE provided site maps during the week of June 1, 2010 that outlined the geophysical survey area of the Charlotte Limited Partnership property and Kleinfelder representative Mr. John Lindemann was on site the morning of June 23, 2010 and identified the perimeter of the geophysical survey area to Pyramid Environmental personnel. Photographs of the geophysical equipment used in this investigation and a portion of the Charlotte Limited Partnership property are shown in **Figure 1**. Preliminary geophysical results obtained from Parcel 125 were reported to Mr. Stewart on July 14, 2010.

2.0 FIELD METHODOLOGY

Prior to conducting the geophysical investigation, a 10-foot by 10-foot survey grid was established across the geophysical survey area (property) 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 and ground penetrating radar (GPR) surveys. The EM survey was performed on June 28, 2010 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. Smaller objects (1-foot or less in size) can be detected to a maximum depth of 4 to 5 feet. All of the EM61 data were digitally collected at approximately 0.8 foot intervals along easterly-westerly, parallel survey lines spaced five feet apart. All of the data were downloaded to a computer and reviewed in the field and office using the Geonics DAT61W and Surfer for Windows Version 7.0 software programs.

GPR surveys were conducted on July 1, 2010 across selected EM61 differential anomalies and across areas containing steel reinforced concrete 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 5 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 **Figure 2.** 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 drum and UST-size objects and ignore the smaller insignificant metal objects.

3.0 DISCUSSION OF RESULTS

The EM61 bottom coil anomalies centered near gird coordinates X=55 Y=20, X=55 Y=50, X=55 Y=66, and X=55 Y=84 are probably in response to the parked vehicles that were present during data

acquisition. GPR data suggest the EM61 differential anomalies intersecting grid coordinates X=26 Y=45 and X=35 Y=25 are in response to steel reinforced concrete and the restaurant building. The EM61 metal detection results and the GPR data did not detect the presence of a metallic UST within the surveyed portion of Parcel 125.

4.0 SUMMARY & CONCLUSIONS

Our evaluation of the EM61 and GPR data collected across the area of interest at the Charlotte Limited Partnership property (Parcel 125) located in Charlotte, North Carolina, provides the following summary and conclusions:

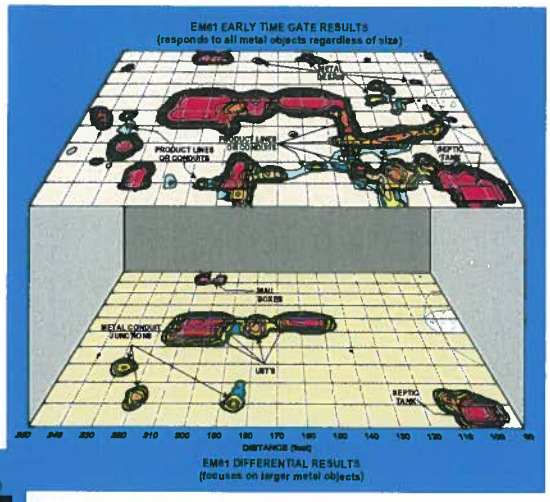
- The EM61 and GPR surveys provided reliable results for the detection of metallic USTs within the surveyed portions of the site.

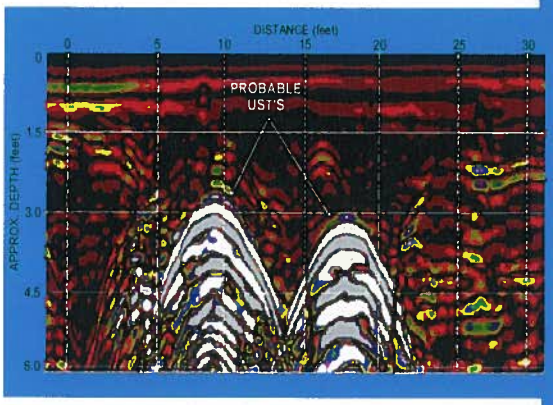
- GPR data suggest the EM61 differential anomalies intersecting grid coordinates X=26 Y=45 and X=35 Y=25 are in response to steel reinforced concrete and the restaurant building.

- The EM61 metal detection results and the GPR data did not detect the presence of a metallic UST within the surveyed portion of Parcel 125.

5.0 LIMITATIONS

EM61 and GPR surveys have been performed and this report prepared for Kleinfelder 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 determined that the area of interest does not contain unknown, buried metallic USTs, but that none were detected.

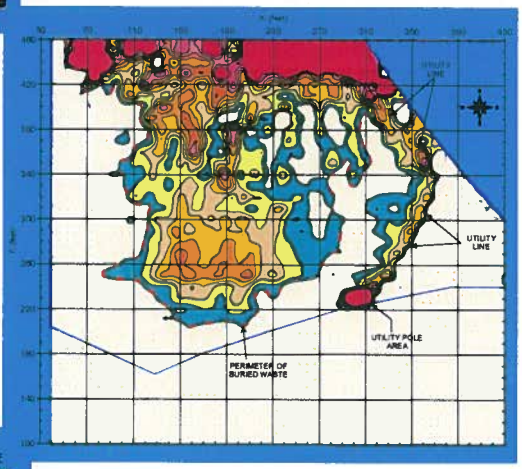


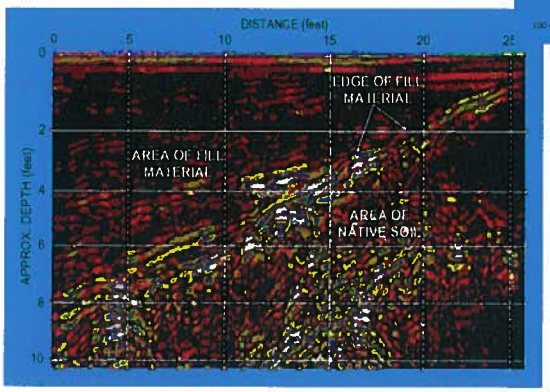


FIGURES

(on the following pages)

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 area of interest at Parcel 125 on June 28, 2010.

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 125 on July 1, 2010.

The photograph shows the geophysical survey of the Charlotte Limited Partnership property (Parcel 125) located at the intersection of Independence Boulevard and Idlewild Road in Charlotte, North Carolina. The photograph is viewed in a westerly direction.

PYRAMID
ENVIRONMENTAL & ENGINEERING, P.C.

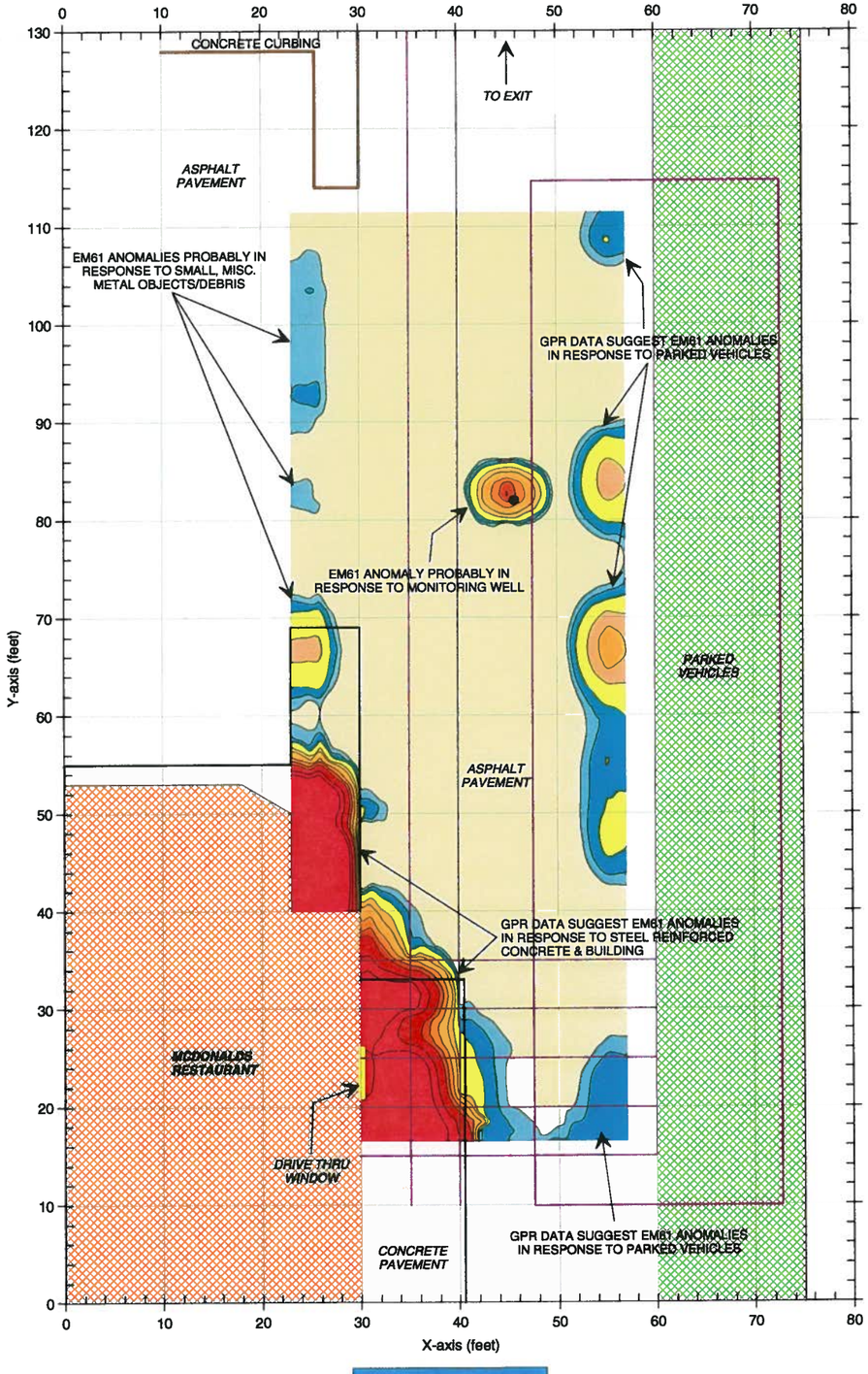
CLIENT	KLEINFELDER	DATE	08/06/10	DRWN	MJD
SITE	CHARLOTTE LTD PARTNERSHIP SITE (PARCEL 125)	LAT		CHKD	
CITY	CHARLOTTE	STATE	NORTH CAROLINA	DWG	
TITLE	GEOPHYSICAL RESULTS	JOB#	2010-153	SCALE	

GEOPHYSICAL EQUIPMENT & SITE PHOTOGRAPHS

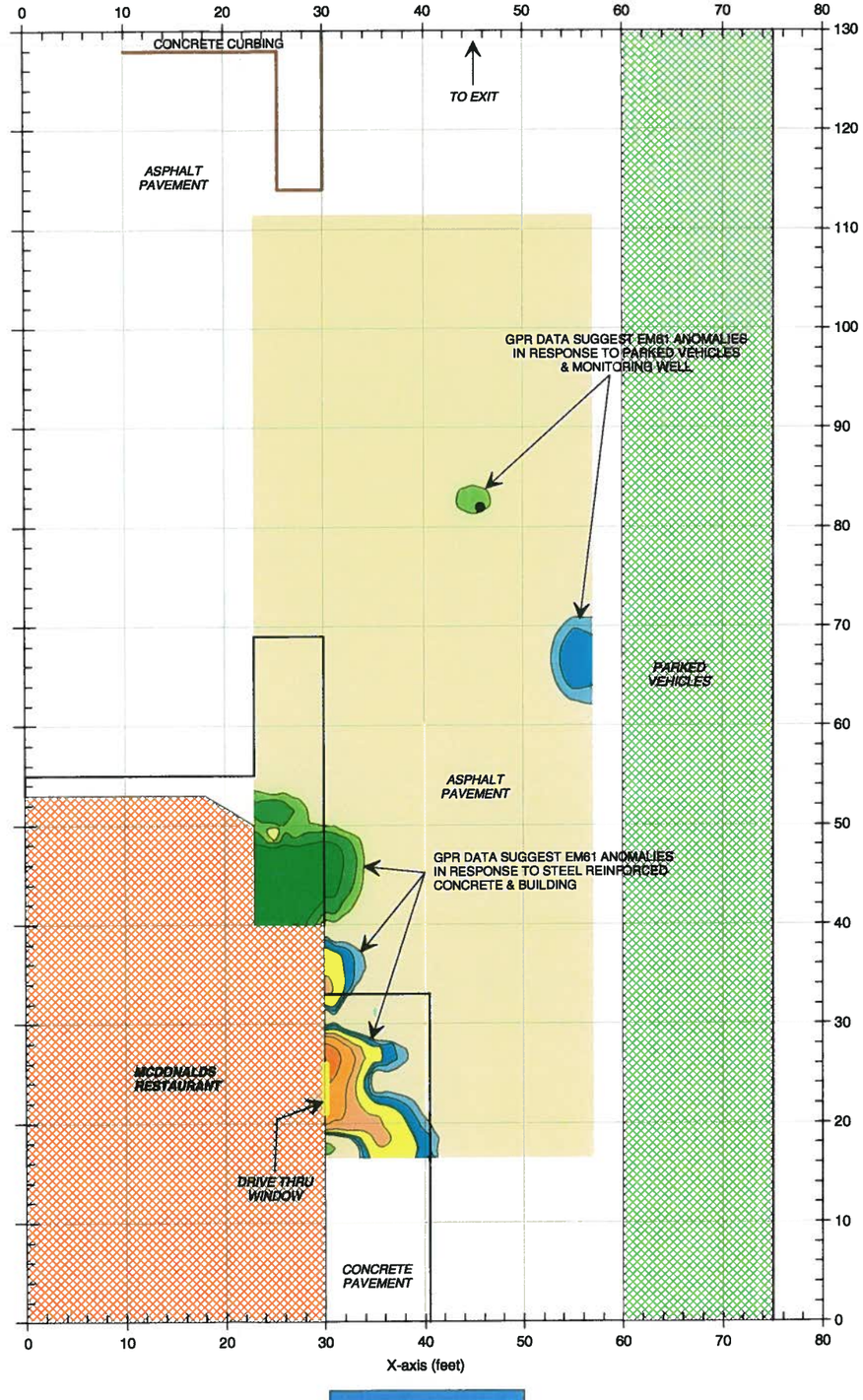
FIGURE 1

EM61 METAL DETECTION RESULTS

FIGURE 2



BOTTOM COIL RESULTS



DIFFERENTIAL RESULTS

APPROXIMATE NORTH

LEGEND

- SURVEY AREA: EM61 DATA ACQUIRED ALONG X-AXIS OR Y-AXIS TRENDING LINES SPACED 5 FEET APART
- BUILDING OR STRUCTURE
- PARKED VEHICLES
- MONITORING WELL
- CONCRETE CURBING
- GPR SURVEY LINE
- AREA SCANNED WITH GPR UNIT

EM61 METAL DETECTION RESPONSE (MILLIVOLTS)

-5000 -400 -200 -100 -50 -25 -10 -5 5 10 25 50 100 150 200 300 400 500 750 1000

Note: The contour plot shows the bottom coil (most sensitive) response and the differential response of the EM61 instrument in millivolts (mV). The bottom coil response shows buried metallic objects regardless of size. The differential response focuses on larger, buried metallic objects such as drums and USTs and ignores smaller miscellaneous, buried, metal debris. The EM61 survey was collected on June 28, 2010 using a Geonics EM61 instrument.

Ground penetrating radar (GPR) data were acquired across selected EM61 anomalies and portions of the survey area on July 1, 2010 using a Geophysical Survey Systems SIR 2000 instrument with a 400 MHz antenna.

The geophysical investigation suggests the area of interest does not contain metallic USTs.

GRAPHIC SCALE IN FEET

DRWN	MJD
CHKD	
DATE	08/07/10
LAY	
DWG	
J-NO.	2010-153
FIGURE	

CLIENT: KLEINFELDER

SITE: CHARLOTTE LIMITED PARTNERSHIP PROPERTY (PARCEL 125)

CITY: CHARLOTTE

STATE: NORTH CAROLINA

TITLE: GEOPHYSICAL RESULTS

PYRAMID
ENVIRONMENTAL & ENGINEERING, P.C.

APPENDIX C

LOG OF BORING B-1

SHEET 1 OF 1

Client NCDOT
Project Name U-0209B
Number 111989
Location Parcel 125-McDonalds

Drill Contractor Probe Techology
Drill Method 2 inch Direct Push
Drilling Started 7/20/10 Ended 7/20/10
Logged By T. Stewart

Elevation --
Total Depth 12.0
Depth To Water

DEPTH FEET	SAMPLE NO.	BLOWS/FT	PID ppm	USCS	LITHOLOGY	DESCRIPTION
0			1.5	CL		Red Yellow, Lean CLAY, Hard, Dry, No Odor
			1.3			
5			1.0			
			4.6	CL		Red Brown, Yellowish Brown, White, Silty Lean CLAY, Hard, Dry, Petroleum Odor
	SS		5.0			
10			4.2			
						Boring Terminated at 12 feet in RESIDUAL
15						
20						
25						
30						

Kleinfelder
313 Gallimore Dairy Road
Greensboro, NC 27409
Telephone: 336-668-0093
Fax: 336-668-3868

Remarks Sample B-1 collected from 8-10 ft. submitted for laboratory analysis.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 111989G.GPJ LOG A EWNN05.GDT 8/6/10

LOG OF BORING B-2

SHEET 1 OF 1

Client NCDOT
Project Name U-0209B
Number 111989
Location Parcel 125-McDonalds

Drill Contractor Probe Techology
Drill Method 2 inch Direct Push
Drilling Started 7/20/10 Ended 7/20/10
Logged By T. Stewart

Elevation --
Total Depth 12.0
Depth To Water

DEPTH FEET	SAMPLE NO.	BLOWS/FT	PID ppm	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
			0.0			Red Brown, Light Gray, Silty Lean CLAY, Hard, Dry, No Odor	
			0.2	CL			
5	SS		0.4				5
			0.2			Yellowish Brown, Light Gray, Silty Lean CLAY, Hard, Dry, Slightly Tacky, No Odor	
			0.0	CL			
10			0.0				10
						Boring Terminated at 12 feet in RESIDUAL	
15							15
20							20
25							25
30							30

Kleinfelder
313 Gallimore Dairy Road
Greensboro, NC 27409
Telephone: 336-668-0093
Fax: 336-668-3868

Remarks Sample B-2 collected from 4-6 ft. submitted for laboratory analysis.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 111989G.GPJ LOG A EWNN05.GDT 8/6/10

LOG OF BORING B-3

SHEET 1 OF 1

Client NCDOT
Project Name U-0209B
Number 111989
Location Parcel 125-McDonalds

Drill Contractor Probe Techology
Drill Method 2 inch Direct Push
Drilling Started 7/20/10 Ended 7/20/10
Logged By T. Stewart

Elevation --
Total Depth 12.0
Depth To Water

DEPTH FEET	SAMPLE NO.	BLOWS/FT	PID ppm	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
0			0.0			Red Brown, Yellowish Brown, Silty Lean CLAY, Hard, Dry, No Odor	0
			0.2				
5			0.3				5
	SS		0.3	CL			
			0.1				
10			0.0				10
						Boring Terminated at 12 feet in RESIDUAL	
15							15
20							20
25							25
30							30

Kleinfelder
313 Gallimore Dairy Road
Greensboro, NC 27409
Telephone: 336-668-0093
Fax: 336-668-3868

Remarks Sample B-3 collected from 6-8 ft. submitted for laboratory analysis.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 111989G.GPJ LOG A EWNN05.GDT 8/6/10

LOG OF BORING B-4

SHEET 1 OF 1

Client NCDOT
Project Name U-0209B
Number 111989
Location Parcel 125-McDonalds

Drill Contractor Probe Techology
Drill Method 2 inch Direct Push
Drilling Started 7/20/10 Ended 7/20/10
Logged By T. Stewart

Elevation --
Total Depth 12.0
Depth To Water

DEPTH FEET	SAMPLE NO.	BLOWS/FT	PID ppm	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
0			0.1			Red Brown, Yellowish Brown, Silty Lean CLAY, Hard, Dry, No Odor	0
			0.0				
5			0.1	CL			5
	SS		0.5				
			0.0				
10			0.3				10
						Boring Terminated at 12 feet in RESIDUAL	
15							15
20							20
25							25
30							30

Kleinfelder
313 Gallimore Dairy Road
Greensboro, NC 27409
Telephone: 336-668-0093
Fax: 336-668-3868

Remarks Sample B-4 collected from 6-8 ft. submitted for laboratory analysis.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 111989G.GPJ LOG A EWNN05.GDT 8/6/10

LOG OF BORING B-5

SHEET 1 OF 1

Client NCDOT
Project Name U-0209B
Number 111989
Location Parcel 125-McDonalds

Drill Contractor Probe Techology
Drill Method 2 inch Direct Push
Drilling Started 7/20/10 Ended 7/20/10
Logged By T. Stewart

Elevation –
Total Depth 12.0
Depth To Water

DEPTH FEET	SAMPLE NO.	BLOWS/FT	PID ppm	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
0			0.0	CL		Red Brown, Yellowish Brown, Silty Lean CLAY, Loose, Dry, No Odor	0
5			0.0				5
10	SS		0.0				10
						Boring Terminated at 12 feet in RESIDUAL	
15							15
20							20
25							25
30							30

Kleinfelder
313 Gallimore Dairy Road
Greensboro, NC 27409
Telephone: 336-668-0093
Fax: 336-668-3868

Remarks Sample B-5 collected from 10-12 ft. submitted for laboratory analysis.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 111989G.GPJ LOG A EWNN05.GDT 8/6/10

LOG OF BORING B-6

SHEET 1 OF 1

Client NCDOT
Project Name U-0209B
Number 111989
Location Parcel 125-McDonalds

Drill Contractor Probe Techology
Drill Method 2 inch Direct Push
Drilling Started 7/20/10 Ended 7/20/10
Logged By T. Stewart

Elevation --
Total Depth 12.0
Depth To Water

DEPTH FEET	SAMPLE NO.	BLOWS/FT	PID ppm	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
0			0.0	CL		Red Brown, Yellowish Brown, Silty Lean CLAY, Hard, Dry, No Odor	0
			0.0				
5			0.1				5
			0.1				
			0.1				
10	SS		0.1				10
						Boring Terminated at 12 feet in RESIDUAL	
15							15
20							20
25							25
30							30

Kleinfelder
313 Gallimore Dairy Road
Greensboro, NC 27409
Telephone: 336-668-0093
Fax: 336-668-3868

Remarks Sample B-6 collected from 10-12 ft. submitted for laboratory analysis.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 111989G.GPJ LOG A EWNN05.GDT 8/6/10

APPENDIX D

PRISM LABORATORIES, INC.
Full-Service Analytical & Environmental Solutions

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

Case Narrative

08/04/2010

Kleinfelder SE, Inc. (NCDOT Project)
John Stewart
313 Gallimore Dairy Rd.
Greensboro, NC 27409

Project: NCDOT Parcel #125
Project No.: WBS# 34749.1.1
Lab Submittal Date: 07/20/2010
Prism Work Order: 0070541

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

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

Respectfully,

PRISM LABORATORIES, INC.

VP Laboratory Services

Reviewed By

Data Qualifiers Key Reference:

A	Surrogates recovered outside established QC range.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

Sample Receipt Summary

08/04/2010

Prism Work Order: 0070541

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
B-1 (8-10)	0070541-01	Solid	7/20/10	7/20/10
B-2 (4-6)	0070541-02	Solid	7/20/10	7/20/10
B-3 (6-8)	0070541-03	Solid	7/20/10	7/20/10
B-4 (6-8)	0070541-04	Solid	7/20/10	7/20/10
B-5 (10-12)	0070541-05	Solid	7/20/10	7/20/10
B-6 (10-12)	0070541-06	Solid	7/20/10	7/20/10

Samples received in good condition at 4.1 degrees C unless otherwise noted.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Kleinfelder SE, Inc. (NCDOT Project)
Attn: John Stewart
313 Gallimore Dairy Rd.
Greensboro, NC 27409

Project: NCDOT Parcel #125

Project No.: WBS# 34749.1.1
Sample Matrix: Solid

Client Sample ID: B-1 (8-10)
Prism Sample ID: 0070541-01
Prism Work Order: 0070541
Time Collected: 07/20/10 12:22
Time Submitted: 07/20/10 14:47

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diesel Range Organics by GC/FID									
Diesel Range Organics	BRL	mg/kg dry	9.8	1.6	1	*8015C	7/28/10 18:30	GRR	P0G0567
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			*77 %*		*49-124*	
Gasoline Range Organics by GC/FID									
Gasoline Range Organics	BRL	mg/kg dry	6.5	0.84	50	*8015C	7/28/10 17:17	HPE	P0G0574
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			*124 %*		*55-129*	
General Chemistry Parameters									
% Solids	**71.3**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**7/27/10 14:45**	**JAB**	**P0G0564**

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Kleinfelder SE, Inc. (NCDOT Project)
Attn: John Stewart
313 Gallimore Dairy Rd.
Greensboro, NC 27409

Project: NCDOT Parcel #125

Project No.: WBS# 34749.1.1
Sample Matrix: Solid

Client Sample ID: B-2 (4-6)
Prism Sample ID: 0070541-02
Prism Work Order: 0070541
Time Collected: 07/20/10 12:50
Time Submitted: 07/20/10 14:47

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diesel Range Organics by GC/FID									
Diesel Range Organics	BRL	mg/kg dry	9.8	1.6	1	*8015C	7/29/10 10:50	GRR	P0G0567
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			*81 %*		*49-124*	
Gasoline Range Organics by GC/FID									
Gasoline Range Organics	BRL	mg/kg dry	7.2	0.93	50	*8015C	7/28/10 17:48	HPE	P0G0574
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			*97 %*		*55-129*	
General Chemistry Parameters									
% Solids	**71.3**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**7/27/10 14:45**	**JAB**	**P0G0564**

Kleinfelder SE, Inc. (NCDOT Project)
Attn: John Stewart
313 Gallimore Dairy Rd.
Greensboro, NC 27409

Project: NCDOT Parcel #125

Project No.: WBS# 34749.1.1
Sample Matrix: Solid

Client Sample ID: B-3 (6-8)
Prism Sample ID: 0070541-03
Prism Work Order: 0070541
Time Collected: 07/20/10 13:09
Time Submitted: 07/20/10 14:47

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diesel Range Organics by GC/FID									
Diesel Range Organics	BRL	mg/kg dry	9.6	1.6	1	*8015C	7/29/10 2:11	GRR	P0G0567
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			*83 %*		*49-124*	
Gasoline Range Organics by GC/FID									
Gasoline Range Organics	BRL	mg/kg dry	6.8	0.89	50	*8015C	7/28/10 18:19	HPE	P0G0574
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			*109 %*		*55-129*	
General Chemistry Parameters									
% Solids	**72.6**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**7/27/10 14:45**	**JAB**	**P0G0564**

Kleinfelder SE, Inc. (NCDOT Project)
Attn: John Stewart
313 Gallimore Dairy Rd.
Greensboro, NC 27409

Project: NCDOT Parcel #125

Project No.: WBS# 34749.1.1
Sample Matrix: Solid

Client Sample ID: B-4 (6-8)
Prism Sample ID: 0070541-04
Prism Work Order: 0070541
Time Collected: 07/20/10 13:22
Time Submitted: 07/20/10 14:47

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diesel Range Organics by GC/FID									
Diesel Range Organics	BRL	mg/kg dry	9.0	1.5	1	*8015C	7/29/10 2:47	GRR	P0G0567
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			*77 %*		*49-124*	
Gasoline Range Organics by GC/FID									
Gasoline Range Organics	BRL	mg/kg dry	6.8	0.89	50	*8015C	7/28/10 18:51	HPE	P0G0574
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			*118 %*		*55-129*	
General Chemistry Parameters									
% Solids	**77.4**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**7/27/10 14:45**	**JAB**	**P0G0564**

Kleinfelder SE, Inc. (NCDOT Project)
Attn: John Stewart
313 Gallimore Dairy Rd.
Greensboro, NC 27409

Project: NCDOT Parcel #125

Project No.: WBS# 34749.1.1
Sample Matrix: Solid

Client Sample ID: B-5 (10-12)
Prism Sample ID: 0070541-05
Prism Work Order: 0070541
Time Collected: 07/20/10 13:49
Time Submitted: 07/20/10 14:47

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diesel Range Organics by GC/FID									
Diesel Range Organics	BRL	mg/kg dry	10	1.8	1	*8015C	7/29/10 3:22	GRR	P0G0567
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			*77 %*		*49-124*	
Gasoline Range Organics by GC/FID									
Gasoline Range Organics	BRL	mg/kg dry	5.6	0.73	50	*8015C	7/28/10 19:22	HPE	P0G0574
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			*106 %*		*55-129*	
General Chemistry Parameters									
% Solids	**63.0**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**7/27/10 14:45**	**JAB**	**P0G0564**

Kleinfelder SE, Inc. (NCDOT Project)
Attn: John Stewart
313 Gallimore Dairy Rd.
Greensboro, NC 27409

Project: NCDOT Parcel #125

Project No.: WBS# 34749.1.1
Sample Matrix: Solid

Client Sample ID: B-6 (10-12)
Prism Sample ID: 0070541-06
Prism Work Order: 0070541
Time Collected: 07/20/10 14:20
Time Submitted: 07/20/10 14:47

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diesel Range Organics by GC/FID									
Diesel Range Organics	BRL	mg/kg dry	9.8	1.6	1	*8015C	7/29/10 3:57	GRR	P0G0567
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			*78 %*		*49-124*	
Gasoline Range Organics by GC/FID									
Gasoline Range Organics	BRL	mg/kg dry	7.3	0.95	50	*8015C	7/28/10 19:53	HPE	P0G0574
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			*117 %*		*55-129*	
General Chemistry Parameters									
% Solids	**71.0**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**7/27/10 14:45**	**JAB**	**P0G0564**

Kleinfelder SE, Inc. (NCDOT Project)
Attn: John Stewart
313 Gallimore Dairy Rd.
Greensboro, NC 27409

Project: NCDOT Parcel #125

Project No: WBS# 34749.1.1

Prism Work Order: 0070541
Time Submitted: 7/20/10 2:47:00PM

Gasoline Range Organics by GC/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0G0574 - 5035										
Blank (P0G0574-BLK1)				Prepared & Analyzed: 07/28/10						
Gasoline Range Organics	BRL	5.0	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene	*4.65*		*mg/kg wet*	*5.00*		*93*	*55-129*			
LCS (P0G0574-BS1)				Prepared & Analyzed: 07/28/10						
Gasoline Range Organics	42.3	5.0	mg/kg wet	50.0		85	67-116			
Surrogate: a,a,a-Trifluorotoluene	*5.30*		*mg/kg wet*	*5.00*		*106*	*55-129*			
LCS Dup (P0G0574-BSD1)				Prepared & Analyzed: 07/28/10						
Gasoline Range Organics	42.2	5.0	mg/kg wet	50.0		84	67-116	0.1	200	
Surrogate: a,a,a-Trifluorotoluene	*5.35*		*mg/kg wet*	*5.00*		*107*	*55-129*			

Kleinfelder SE, Inc. (NCDOT Project)
Attn: John Stewart
313 Gallimore Dairy Rd.
Greensboro, NC 27409

Project: NCDOT Parcel #125

Project No: WBS# 34749.1.1

Prism Work Order: 0070541
Time Submitted: 7/20/10 2:47:00PM

Diesel Range Organics by GC/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0G0567 - 3545A										
Blank (P0G0567-BLK1)				Prepared: 07/27/10 Analyzed: 07/28/10						
Diesel Range Organics	BRL	7.0	mg/kg wet							
Surrogate: o-Terphenyl	*1.25*		*mg/kg wet*	*1.60*		*78*	*49-124*			
LCS (P0G0567-BS1)				Prepared: 07/27/10 Analyzed: 07/28/10						
Diesel Range Organics	59.0	7.0	mg/kg wet	79.7		74	55-109			
Surrogate: o-Terphenyl	*1.77*		*mg/kg wet*	*1.59*		*111*	*49-124*			
LCS Dup (P0G0567-BSD1)				Prepared: 07/27/10 Analyzed: 07/28/10						
Diesel Range Organics	65.1	7.0	mg/kg wet	79.7		82	55-109	10	200	
Surrogate: o-Terphenyl	*1.88*		*mg/kg wet*	*1.59*		*118*	*49-124*			
Matrix Spike (P0G0567-MS1)	**Source: 0070541-01**			Prepared: 07/27/10 Analyzed: 07/28/10						
Diesel Range Organics	84.8	9.8	mg/kg dry	112	BRL	76	50-117			
Surrogate: o-Terphenyl	*2.58*		*mg/kg dry*	*2.24*		*115*	*49-124*			
Matrix Spike Dup (P0G0567-MSD1)	**Source: 0070541-01**			Prepared: 07/27/10 Analyzed: 07/28/10						
Diesel Range Organics	97.7	9.8	mg/kg dry	112	BRL	87	50-117	14	24	
Surrogate: o-Terphenyl	*2.82*		*mg/kg dry*	*2.24*		*126*	*49-124*			*A*

Kleinfelder SE, Inc. (NCDOT Project)
Attn: John Stewart
313 Gallimore Dairy Rd.
Greensboro, NC 27409

Project: NCDOT Parcel #125

Project No: WBS# 34749.1.1

Prism Work Order: 0070541
Time Submitted: 7/20/10 2:47:00PM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0G0564 - NO PREP										
Duplicate (P0G0564-DUP1)		**Source: 0070541-02**		Prepared & Analyzed: 07/27/10						
% Solids	72.5	0.100	% by Weight		71.3			2	20	

Sample Extraction Data

Prep Method: 3545A

Lab Number	Batch	Initial	Final	Date
0070541-01	P0G0567	25.02 g	1 mL	07/27/10
0070541-02	P0G0567	25.09 g	1 mL	07/27/10
0070541-03	P0G0567	25.05 g	1 mL	07/27/10
0070541-04	P0G0567	25.14 g	1 mL	07/27/10
0070541-05	P0G0567	25.07 g	1 mL	07/27/10
0070541-06	P0G0567	25.06 g	1 mL	07/27/10

Prep Method: 5035

Lab Number	Batch	Initial	Final	Date
0070541-01	P0G0574	5.41 g	5 mL	07/28/10
0070541-02	P0G0574	4.88 g	5 mL	07/28/10
0070541-03	P0G0574	5.03 g	5 mL	07/28/10
0070541-04	P0G0574	4.74 g	5 mL	07/28/10
0070541-05	P0G0574	7.06 g	5 mL	07/28/10
0070541-06	P0G0574	4.81 g	5 mL	07/28/10

NO PREP

Lab Number	Batch	Initial	Final	Date
0070541-01	P0G0564	30 g	30 mL	07/27/10
0070541-02	P0G0564	30 g	30 mL	07/27/10
0070541-03	P0G0564	30 g	30 mL	07/27/10
0070541-04	P0G0564	30 g	30 mL	07/27/10
0070541-05	P0G0564	30 g	30 mL	07/27/10
0070541-06	P0G0564	30 g	30 mL	07/27/10

CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

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

Client Company Name: Kleinfelder
Report To/Contact Name: John Stewart
Reporting Address: 313 Gallimore Dairy Rd. Greensboro, NC 27409
Phone: 336-668-0883 Fax (Yes) (No):
Email (Yes) (No) Email Address JMStewart@
EDD Type: PDF X Excel ___ Other kleinfelder.com
Site Location Name: Parcel 125
Site Location Physical Address: Charlotte, NC

Project Name: NCDOT - Parcel 125
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: John Stewart
Address: Same

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

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON ICE? ICE? Temp °C	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd WITHOUT HEADSPACE?	✓		✓
PROPER CONTAINERS used?	✓		

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

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	SAMPLE CONTAINER NO.	SAMPLE CONTAINER SIZE	PRESERVATIVES	ANALYSES REQUESTED GRO	ANALYSES REQUESTED DRO	REMARKS	PRISM LAB ID NO.
B-1(8-10)	7-20-10	1222	SO		4		Methanol	X	X		01
B-2(4-6)		1250	SO		4			X	X		02
B-3(6-8)		1309	SO		4			X	X		03
B-4(6-8)		1322	SO		4			X	X		04
B-5(10-12)		1349	SO		4			X	X		05
B-6(10-12)		1420	SO		4			X	X		06

Sampler's Signature _____ Sampled By (Print Name) TINA M Stewart Affiliation Kleinfelder

PRESS DOWN FIRMLY - 3 COPIES

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

		Date	Military/Hours
Relinquished By: (Signature)	Received By: (Signature)	7/20/10	1447
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date 7-20-10	14:47

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

☐ Fed Ex ☐ UPS ☒ Hand-delivered ☐ Prism Field Service ☐ Other _____

COC Group No. 0090541

Additional Comments: WBS # 34749.1.1

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

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

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

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL