REPORT OF PRELIMINARY SITE ASSESSMENT

RAJ RN, LLC. PROPERTY, PARCEL #10 STATE PROJECT U-2550B, TIP NO. 34831.1.1 2308 SOUTH STERLING STREET MORGANTON, NORTH CAROLINA

Prepared for:

North Carolina Department of Transportation Geotechnical Engineering Unit 1589 Mail Service Center Raleigh, North Carolina 27699

Prepared by:

MACTEC Engineering and Consulting, Inc. 3301 Atlantic Avenue Raleigh, North Carolina 27604

May 3, 2010

MACTEC Project No. 6470-10-0057



engineering and constructing a better tomorrow

May 3, 2010

Mr. Terry W. Fox, L.G. Geoenvironmental Project Manager NCDOT Geotechnical Engineering Unit 1589 Mail Service Center Raleigh, North Carolina 27699

Subject:

Report of Preliminary Site Assessment RAJ RN, LLC. Property, Parcel #10 State Project U-2550B, TIP No. 34831.1.1

2308 South Sterling Street Morganton, North Carolina

MACTEC Project No. 6470-10-0057

Dear Mr. Fox:

As authorized by Cathy Houser's acceptance of MACTEC Proposal No. PROP 10-RAL-126 dated March 10, 2010, MACTEC Engineering and Consulting, Inc. (MACTEC) is pleased to submit the attached Report of Preliminary Site Assessment for the above-referenced site.

This report is intended for the use of NCDOT subject to contractual terms between NCDOT and MACTEC. Reliance on this document by any other party is not allowed without the expressed, written consent of MACTEC. Use of this report for purposes beyond those reasonably intended by NCDOT and MACTEC will be at the sole risk of the user.

This report presents project information and assessment activities conducted, along with our findings, conclusions and recommendations. We appreciate your selection of MACTEC for this project and look forward to assisting you further on this and other projects. If you have any questions, please do not hesitate to contact us.

Sincerely,

MACTEC ENGINEERING AND CONSULTING, INC.

Matthur J Sillis
Matthew J. Gillis
Staff Scientist

Robert M. Miller, P.E.

Senior Project Manager/Principal Engineer

License Number: NC Engineering F-0653 NC Geology C-247

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Figure 2 – Site Layout Showing Soil Boring Locations

TABLE

Table 1 – Summary of Laboratory Test Results

APPENDICES

Appendix A – Schnabel Engineering Geophysical Survey Report

Appendix B – Procedures for Collecting Soil Samples

Appendix C – Soil Boring Records

Appendix D – Laboratory Analytical Reports and Chain-of-Custody Records

1.0 INTRODUCTION

MACTEC Engineering and Consulting, Inc. (MACTEC) was contracted by North Carolina Department of Transportation (NCDOT) to perform a Preliminary Site Assessment of the RAJ RN, LLC. property (RAJ property) located at 2308 South Sterling Street in Morganton, Burke County, North Carolina (Figure 1). This property was one in a series of four sites that were investigated by MACTEC in conjunction with State Project U-2550B. MACTEC understands that NCDOT is planning road improvements to the area. Expanded right-of-way is being acquired by the NCDOT for this project. NCDOT requested that MACTEC assess the subject site to evaluate the extent (if any) of soil contamination related to the operation of the current building located on site and the impact (if any) of this operation on the proposed road improvements. This report presents a description of MACTEC's assessment activities, findings, conclusions and recommendations.

1.1 Site Location

The RAJ property is located at 2308 South Sterling Street in Morganton, Burke County, North Carolina. The site is developed with a Texaco gas station/convenience store. The Burke County Geographic Information Services (GIS) identifies the site as parcel identification number (PIN) 2712271859. The site is bound to the northeast by South Sterling Street, across which is a Sagebrush Restaurant; to the southeast by Quality Inn; to the southwest by wooded, undeveloped land; and to the northwest by Parcel #9 (Quality Oil Co.) (Figure 2).

1.2 Background Information

The gas station building is 2,025 square feet and is constructed with a slab-on-grade concrete foundation and masonry exterior. The asphalt parking lot provides access to South Sterling Street. According to the North Carolina Department of Environment and Natural Resources Underground Storage Tank (UST) Registry, the property is identified by Facility I.D. No. 0-007797. According to NCDOT, there are four USTs located on the property and no record of contamination.

2.0 ASSESSMENT ACTIVITIES

Prior to field activities, MACTEC prepared a site health and safety plan in accordance with OSHA 1910.120 requirements. MACTEC contacted ULOCO and contracted Priority Underground Locating to mark the locations of underground utilities at the site. NCDOT contracted with Schnabel Engineering (Schnabel) to perform a geophysical survey to identify suspected USTs on the property and to identify buried utilities at the site. Schnabel provided paint mark outs of buried utilities and suspected UST locations to MACTEC prior to our assessment activities. Schnabel did not identify anomalies that may be USTs in the right-of-way, however, ground penetrating radar identified two known USTs located approximately five feet outside of the planned right-of-way and easement near soil borings SB-13 and SB-16. Schnabel's Geophysical Survey Report is included in Appendix A.

2.1 Soil Assessment

On April 2, 2010, Troxler Geologic Services, Inc. (Troxler), under contract to MACTEC, advanced four soil borings (Nos. SB-13 through SB-16) at the subject site using a GeoprobeTM direct-push technology. Soil boring locations were selected based on the proposed NCDOT right-of-way, results

of the geophysical investigation and field observations. Figure 2 shows a site layout and the locations of the soil borings.

MACTEC collected a soil sample from each boring location using the procedures outlined in Appendix B. Copies of soil boring records are included in Appendix C.

MACTEC instructed Troxler to advance each soil boring to 12 feet below ground surface (bgs). MACTEC screened soil samples from each boring at one-foot intervals for volatile organic vapors using a photoionization detector (PID) and selected one soil sample from each boring for laboratory testing. MACTEC selected the soil sample that exhibited the highest PID measurement or the deepest, unsaturated soil sample if the PID did not detect organic vapors. Soil borings SB-13 through SB-16 were backfilled with the excess soil cuttings and bentonite chips.

2.2 Soil Analysis

MACTEC submitted the soil samples to Prism Laboratories (Prism) of Charlotte, North Carolina for analysis for total petroleum hydrocarbons (TPH) diesel range organics (DRO) according to EPA Preparation/Test Methods 3550/8015 and TPH gasoline range organics (GRO) according to EPA Preparation/Testing Methods 5035/8015.

3.0 LABORATORY RESULTS

The laboratory test results are summarized on Table 1. The laboratory test reports and chain-of-custody records are included in Appendix D. TPH was not detected in soil borings SB-13 through SB-16 at concentrations that exceed the laboratory reporting limits.

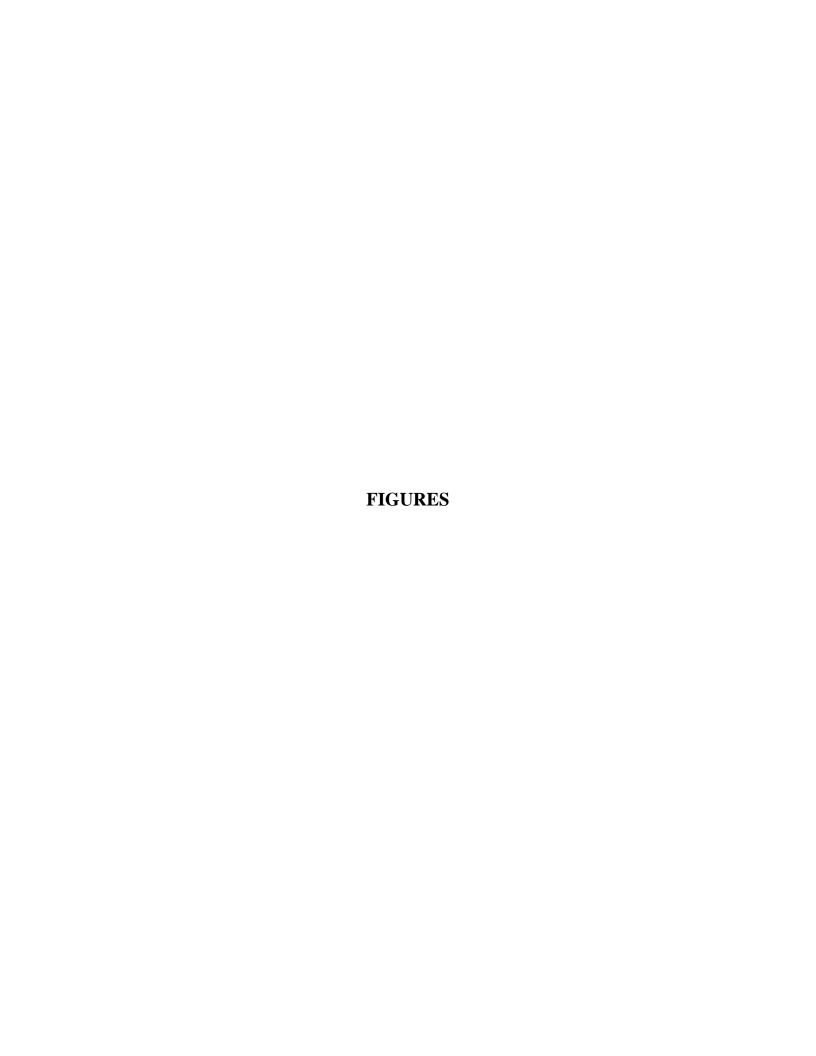
4.0 CONCLUSIONS AND RECOMMENDATIONS

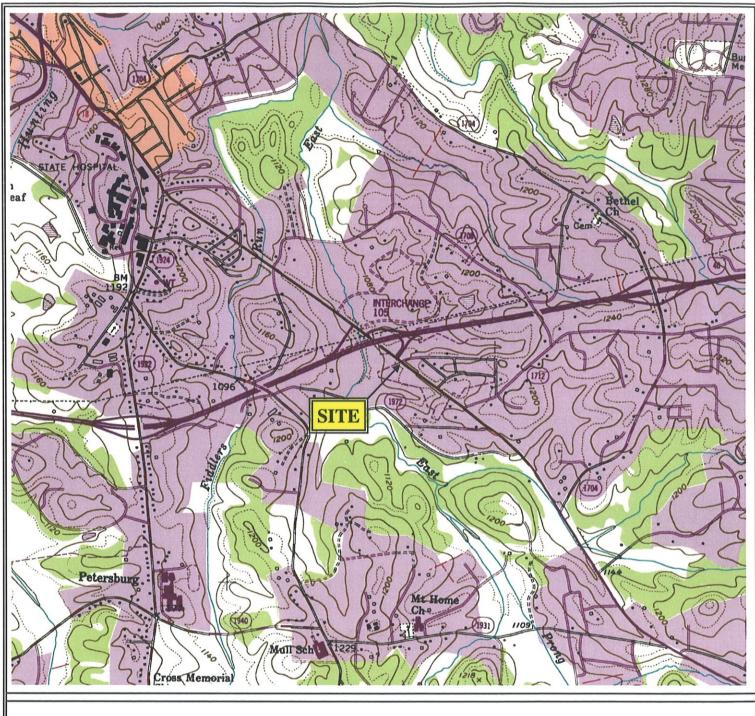
Based on the Preliminary Site Assessment, MACTEC offers the following conclusions and recommendations:

- MACTEC did not find evidence of a petroleum release in the vicinity of soil borings SB-13 through SB-16.
- MACTEC does not have evidence to support the need for further environmental assessment by NCDOT at this time.

5.0 QUALIFICATIONS

This assessment was performed under a limited scope for those purposes described above. The conclusions and recommendations presented in this report are based upon the data that were reviewed and documented in this report along with our experience on similar projects. The discovery of any additional information concerning environmental conditions at the site should be reported to MACTEC for additional review so that potential environmental impacts can be reassessed and the conclusions and recommendations modified, if appropriate.







MORGANTON SOUTH, NC 35081-F6-TF-024

1993

DMA 4655 II NW-SERIES V842

CONTOUR INTERVAL 10 FEET NATIONAL GEODETIC VERTICAL DATUM OF 1929

1000 0 1000 2000



QUADRANGLE LOCATION

NOTE: SITE LOCATION IS APPROXIMATE

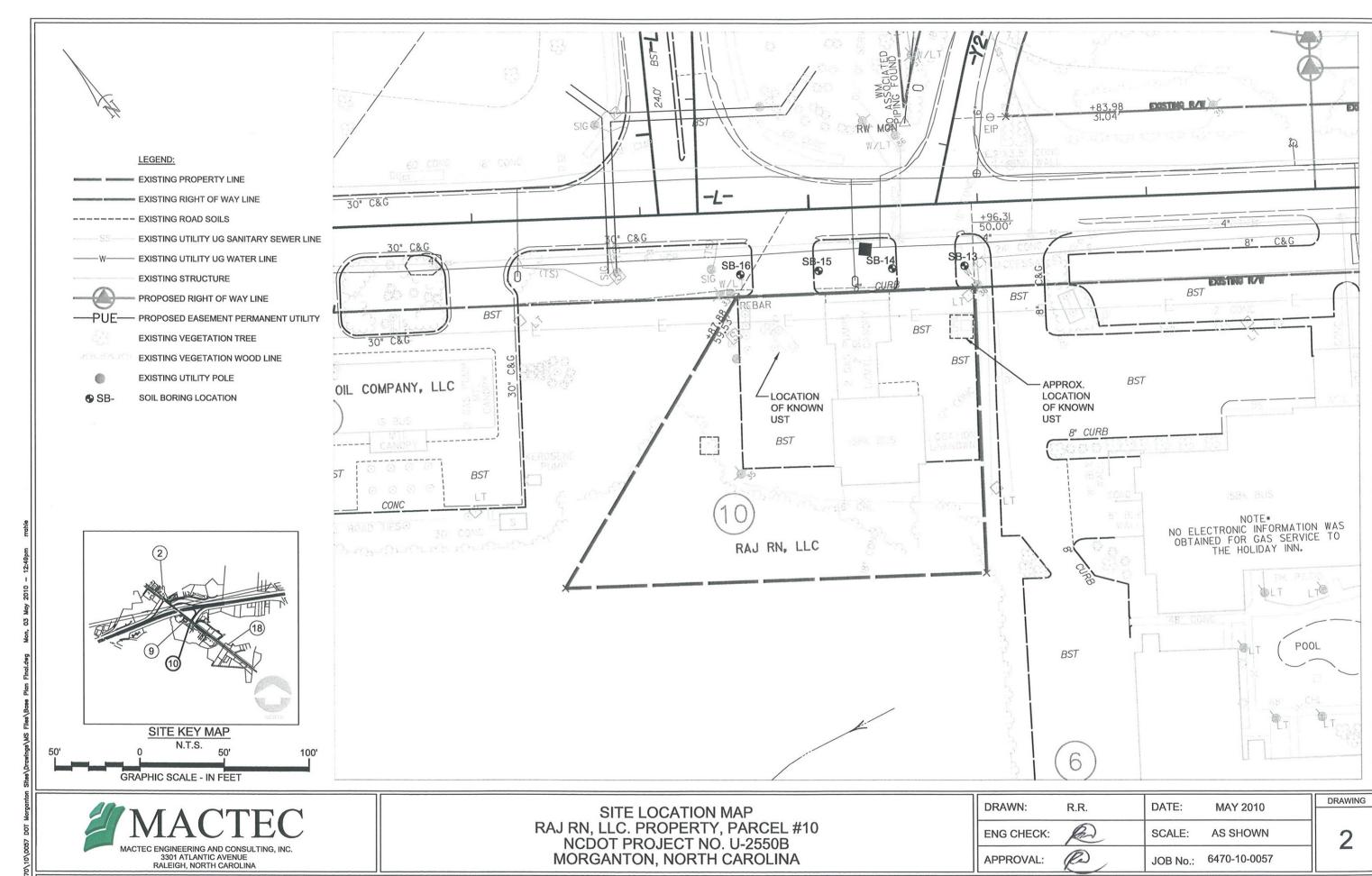


MACTEC ENGINEERING AND CONSULTING, INC. 3301 ATLANTIC AVENUE RALEIGH, NORTH CAROLINA

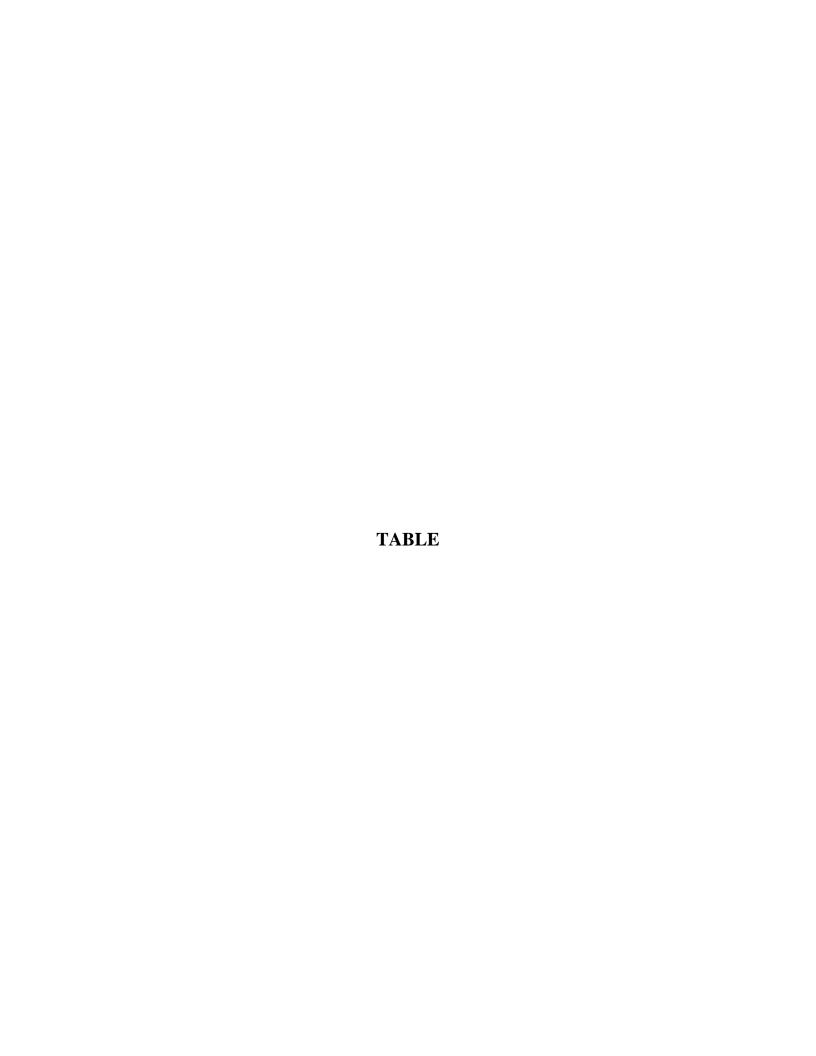
TOPOGRAPHIC SITE MAP RAJ RN, LLC. PROPERTY PARCEL #10 MORGANTON, NORTH CAROLINA
 DRAWN:
 MJG
 DATE:
 APRIL 2010
 DRAWING

 ENG CHECK:
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 SCALE:
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 APPROVAL:
 JOB:
 6470-10-0057
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REFERENCE: BASE DRAWING PROVIDED BY NCDOT; MACTEC FIELD NOTES.



	State Project	Summary of Laboratory Test Results State Project U-2550B, TIP No. 34831.1.1	st Results 0. 34831.1.1	
	Morgai Morgai MACTE	MAJ KIN, ELC. Froperty, ratter #10 Morganton, North Carolina MACTEC Job No. 6470-10-0057	arcet #10 olina 10-0057	
Ana	Analytical Method>		EPA 8015	EPA 8015
Contan	Contaminant of Concern →	†	vau nar	Total Con
Sample ID	Date Collected Sample Depth	Sample Depth	IFII-DAU	ILII-ONO
			gm	mg/Kg
SB-13	4/2/2010	11'-12'	9:8>	<6.1
SB-14	4/2/2010	11'-12'	6.8>	<6.4
SB-15	4/2/2010	11'-12'	<8.5	<6.1
SB-16	4/2/2010	11'-12'	<8.2	<5.9
NCT	NCDENR Action Level		01	01

North Carolina Department of Environment and Natural Resources Analyte not detected above the Reporting Limit shown Notes: NCDENR

Prepared by: MJ6 Date: 4-27-10

Checked by: <u>CBS</u> Date: <u>4/2.7</u>][0

APPENDIX A

SCHNABEL ENGINEERING GEOPHYSICAL SURVEY REPORT



April 26, 2010

Mr. Robert Miller, PE, Senior Principal Engineer Mactec Engineering and Consulting, Inc 3301 Atlantic Avenue Raleigh, NC 27604

RE: State Project: U-2550B

WBS Element: 34831.1.1 County: Burke

Description: Morganton – NC 18 (Sterling Street) and I-40 Interchange

Subject: Report on Geophysical Surveys for Parcel 10, Morganton, NC

Schnabel Engineering Project 09210013.19

Dear Mr. Miller:

Schnabel Engineering South, P.C. (Schnabel) is pleased to present this report on the geophysical surveys we conducted on the subject property. We understand this letter report will be included as an appendix in your report to the NCDOT. The report includes two 11x17 color figures and three 8.5x11 color figures.

1.0 INTRODUCTION

The work described in this report was conducted on March 25 and 31, 2010, by Schnabel under our 2009 contract with the NCDOT. The work was conducted within the accessible areas of the proposed right-of-way and/or easement as indicated by the NCDOT to support their environmental assessment of Parcel 10 (Rutherford Marketer, Inc. Property, Southern Convenience). Photographs of the parcel are included on Figure 1. The purpose of the geophysical surveys was to locate possible metal underground storage tanks (UST's) and associated metal product lines in the accessible areas of the right-of-way and/or easement.

The geophysical investigation consisted of electromagnetic (EM) induction surveys using a Geonics EM61-MK2 instrument. The EM61 metal detector is used to locate metal objects buried up to about eight feet below ground surface. Ground-penetrating radar (GPR) investigations of selected EM61 anomalies,

including areas of reinforced concrete, were conducted using a Geophysical Survey Systems SIR-3000 system equipped with a 400 MHz antenna. Photographs of the equipment used are shown on Figure 2.

2.0 FIELD METHODOLOGY

Locations of geophysical data points were obtained using a sub-meter Trimble Pro-XRS DGPS system. References to direction and location in this report are based on the US State Plane 1983 System, North Carolina 3200 Zone, using the NAD 83 datum, with units in US survey feet. The locations of existing site features (building, curbs, signs, etc.) were recorded for later correlation with the geophysical data and for location references to the NCDOT drawings.

The EM61 data were collected along parallel survey lines spaced approximately 2.5 feet apart. The EM61 and DGPS data were recorded digitally using a field computer and later transferred to a desktop computer for data processing. The GPR data were collected along survey lines spaced one to two feet apart in two orthogonal directions over anomalous EM readings not attributed to cultural features. The GPR data were reviewed in the field to evaluate the possible presence of UST's. The GPR data also were recorded digitally and later transferred to a desktop computer for further review.

Preliminary results for Parcel 10 were sent to Robert Miller and Matt Gillis of Mactec and Terry Fox of the NCDOT on April 1, 2010.

3.0 DISCUSSION OF RESULTS

The contoured EM61 data for Parcel 10 are shown on Figures 3 and 4. The EM61 early time gate results are plotted on Figure 3. The early time gate data provide the more sensitive detection of metal objects. Figure 4 shows the difference between the response of the top and bottom coils of the EM61 instrument (differential response). The difference is taken to remove the effect of surface and very shallowly buried metallic objects. Typically, the differential response emphasizes anomalies from deeper and larger objects such as UST's.

The early time gate and differential results show anomalies apparently caused by buried utilities, buried metal, or known site features (Figures 3 and 4). The GPR data collected near the southeastern edge of the parking lot on Parcel 10 indicated the presence of a known UST. The GPR data collected near the northwestern edge of the parking lot on Parcel 10 also indicated the presence of a known UST. The UST's appear to be less than 5 feet outside the limits of the planned right-of way and/or easement. Example GPR images showing the reflections from the known UST's on Parcel 10 are shown on Figures 3 and 4. Figures 3 and 4 also include the locations of the known UST's as marked in the field. The GPR data from Parcel 10 indicate that the southern known UST (UST No. 1) is buried approximately 1.5 to 2.5 feet below ground surface and is about 5 feet in diameter and about 18 feet long, equivalent to a capacity of about 3000 gallons. The GPR data from Parcel 10 indicate that northern known UST (UST No. 2) is buried approximately 4.5 to 5.5 feet below ground surface and is about 5 feet in diameter and about 12 feet long, equivalent to a capacity of about 2000 gallons. Photographs of the known UST locations, as marked in the field, are included on Figure 5.

4.0 CONCLUSIONS

Our evaluation of the geophysical data collected on Parcel 10 on Project U-2550B in Morganton, NC indicates the following:

The geophysical data indicate the presence of two known UST's located approximately five feet outside of the planned right-of-way and easement. The southern known UST (known UST No. 1) is about 3000-gallon capacity and is buried about 1.5 to 2.5 feet below ground surface. The northern UST (known UST No. 2) is about 2000-gallon capacity and is buried about 4.5 to 5.5 feet below ground surface. Another known UST is located next to UST No. 2 but was not part of the geophysical survey area.

5.0 LIMITATIONS

These services have been performed and this report prepared for the North Carolina Department of Transportation in accordance with generally accepted guidelines for conducting geophysical surveys. It is generally recognized that the results of geophysical surveys are non-unique and may not represent actual subsurface conditions.

Thank you for the opportunity to serve you on this project. Please call if you need additional information or have any questions.

Sincerely,

SCHNABEL ENGINEERING SOUTH, PC

James W. Whitt Staff Geophysicist

Edward D. Billington, LG Senior Vice President

JW:NB

Attachment: Figures (5)

FILE: G:\2009 PROJECTS\09210013 (NCDOT 2009 GEOTECH UNIT SERVICES)\09210013.19 (U-2550B, BURKE CO.)\REPORT\PARCEL 10\PARCEL 10 (U-2550B).DOC



Parcel 10 – Rutherford Marketer, Inc. Property, looking southwest



Parcel 10 – Rutherford Marketer, Inc. Property, looking south



STATE PROJECT U-2550B BURKE CO., NORTH CAROLINA NC DEPT. OF TRANSPORTATION PROJECT NO. 09210013.19

PARCEL 10 SITE PHOTOS



Geonics EM61-MK2

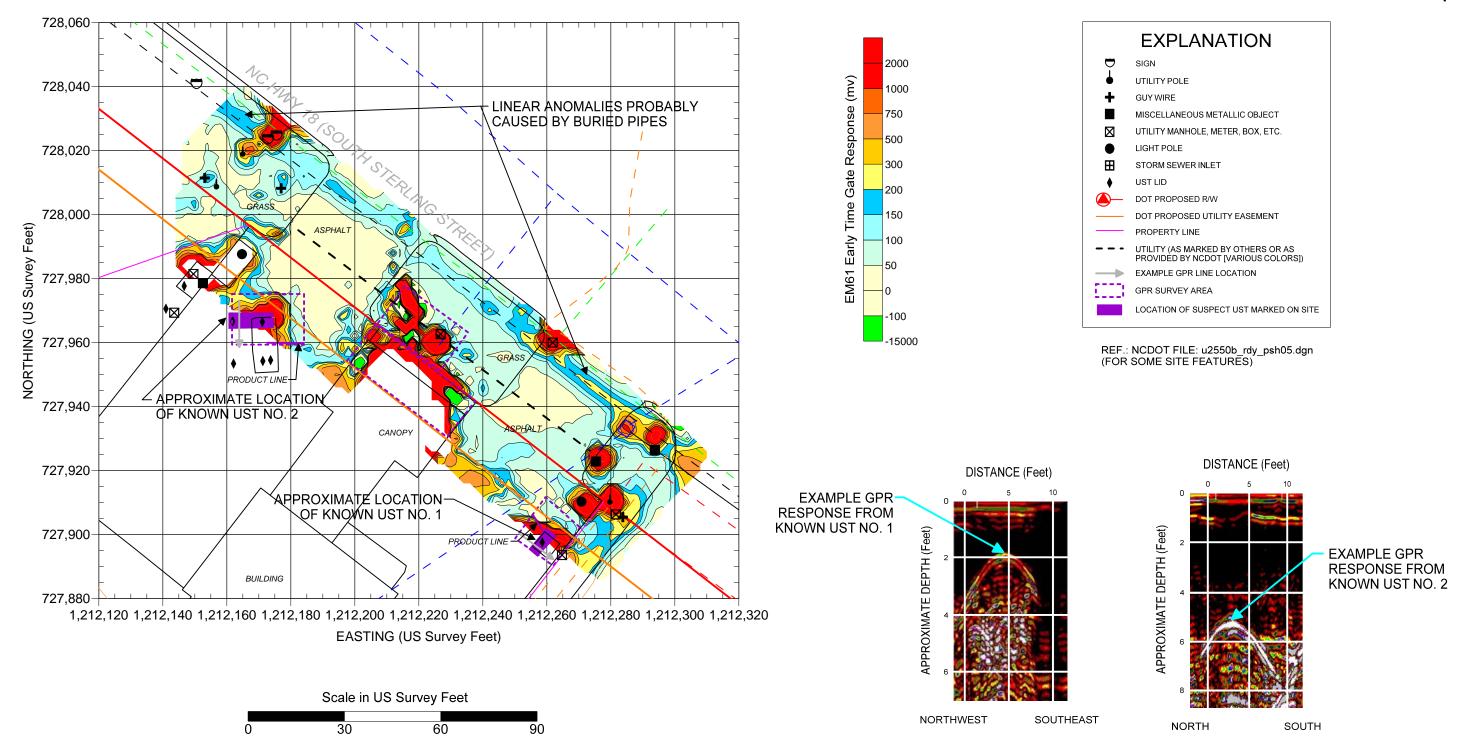


GSSI SIR-3000



STATE PROJECT U-2550B BURKE CO., NORTH CAROLINA NC DEPT. OF TRANSPORTATION PROJECT NO. 09210013.19 PHOTOS OF GEOPHYSICAL EQUIPMENT USED



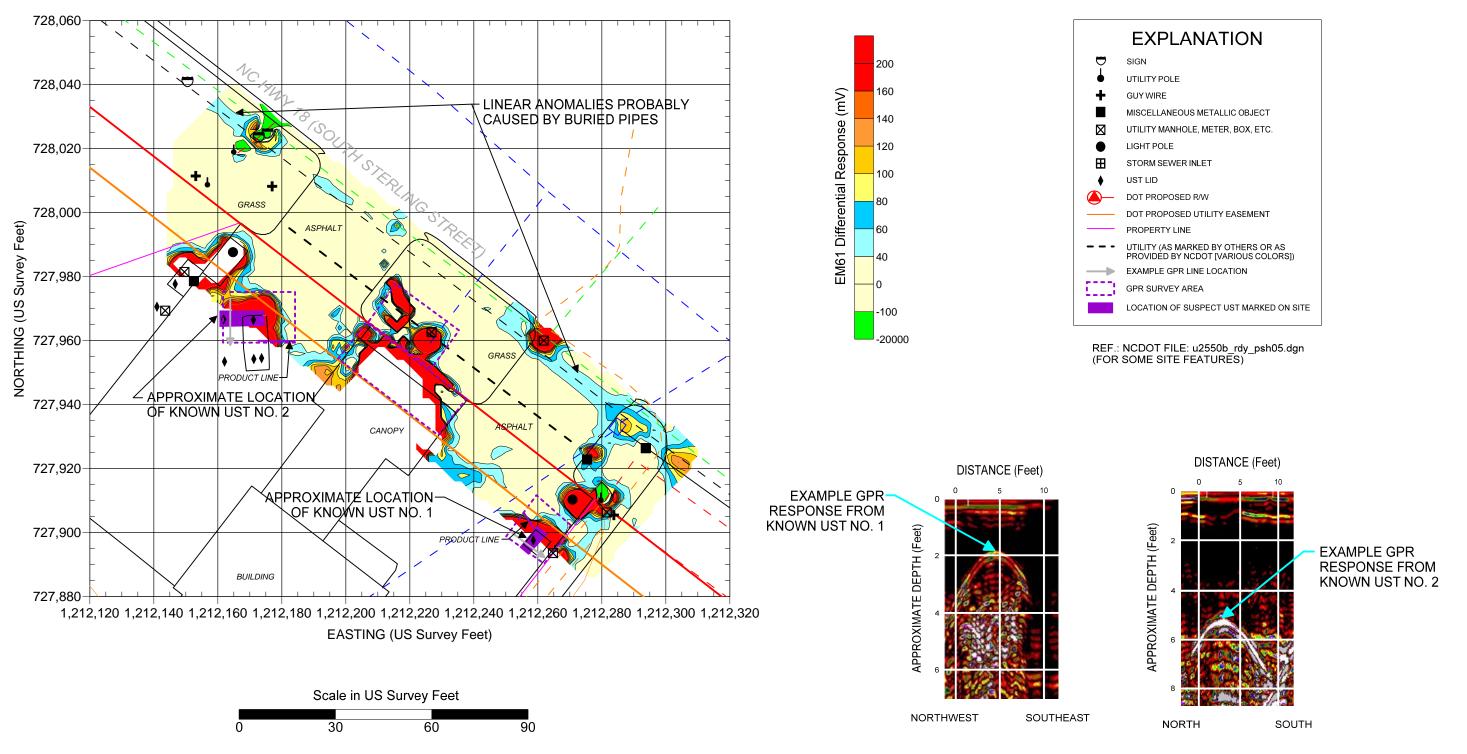


Note: The contour plot shows the earliest and most sensitive time gate of the EM61 bottom coil/channel in millivolts (mV). The EM data were collected on March 25, 2010, using a Geonics EM61-MK2 instrument. Positioning for the EM61 survey was provided using a submeter Trimble ProXRS DGPS system. Coordinates are in the US State Plane 1983 System, North Carolina Zone 3200, using the NAD 1983 datum. GPR data were acquired on March 31, 2010, using a Geophysical Survey Systems SIR 3000 equipped with a 400 MHz antenna.



STATE PROJECT U-2550B BURKE COUNTY, NORTH CAROLINA NC DEPARTMENT OF TRANSPORTATION PROJECT NO. 09210013.19 PARCEL 10 EM61 EARLY TIME GATE RESPONSE





Note: The contour plot shows the difference, in millivolts (mV), between the readings from the top and bottom coils of the EM61. The difference is taken to reduce the effect of shallow metal objects and emphasize anomalies caused by deeper metallic objects, such as drums and tanks. The EM data were collected on March 25, 2010, using a Geonics EM61-MK2 instrument. Positioning for the EM61 survey was provided using a submeter Trimble ProXRS DGPS system. Coordinates are in the US State Plane 1983 System, North Carolina 3200 Zone, using the NAD 1983 datum. GPR data were acquired on March 31, 2010, using a Geophysical Survey Systems SIR 3000 equipped with a 400 MHz antenna.



STATE PROJECT U-2550B BURKE COUNTY, NORTH CAROLINA NC DEPARTMENT OF TRANSPORTATION PROJECT NO. 09210013.19 PARCEL 10 EM61 DIFFERENTIAL RESPONSE



Parcel 10 – Rutherford Marketer, Inc. Property, looking southwest. Photo shows approximate marked location of Known UST No. 1, near the southeastern edge of the parking lot.



Parcel 10 – Rutherford Marketer, Inc. Property, looking south. Photo shows approximate marked location of Known UST No. 2, near the northwestern edge of the parking lot.



STATE PROJECT U-2550B BURKE CO., NORTH CAROLINA NC DEPT. OF TRANSPORTATION PROJECT NO. 09210013.19 PHOTOS OF KNOWN UST LOCATION

APPENDIX B PROCEDURES FOR COLLECTING SOIL SAMPLES

Procedure for Collecting Soil Samples for Laboratory Testing Using the Geoprobe

- MACTEC will collect the soil samples using the Geoprobe hammer impact system. Downforce or percussion will be utilized to advance the sampler to the desired depth to obtain the soil sample.
- Soil cores will be retrieved from the sampler and classified by an on-site geologist or engineer. The oneinch diameter cores are approximately four feet in length and are contained within a pre-cleaned, disposable plastic sleeve.
- Soil samples from the boring soil cores will be placed in pre-labeled, airtight, plastic "twin" bags.
- After several minutes, the gas contained in the "headspace" or void area within one of the twin bags will be tested with a photoionization detector (PID) or flame ionization detector (FID).
- The duplicate of the sample that exhibits the highest headspace reading will be submitted to the laboratory for testing. The remaining portion of the soil core will be utilized for classification purposes.
- The soils will be classified in accordance with the Unified Soils Classification System.
- The soil sample will be placed into laboratory-supplied bottles.
- Sample bottles will be labeled prior to sample collection.
- Caps will be secured on bottles.
- All sample containers will be placed in plastic bags and the bags sealed.
- Documentation, including chain-of-custody record and laboratory analytical request form, will be completed for all samples.
- Samples will be packed in coolers with "bubble wrap" and ice packs for shipment to the laboratory.
- The chain-of-custody record and analytical request form will be placed inside the cooler, which will be sealed with security tape.
- Samples will be sent to the analytical laboratory by overnight courier.



APPENDIX C SOIL BORING RECORDS

M	MACTEC Engineering and Consulting, Inc. 3301 Atlantic Avenue Raleigh, North Carolina	, Inc.	S S	Soil Boring Sample Record
MACTEC Pro Parcel #10 RA	MACTEC Project ID: NCDOT Morganton Parcel #10 RAJ RN, LLC. Property		MACTEC Field Representative	epresentative
MACTEC Pro	MACTEC Project #: 6470-10-0057		Lloyd	
Date: 4/1/2010				
Boring ID: SB-13	-13			
Depth	Soil Description	Time	Headspace Screening Results (in ppm)	Comments
Tiller var			PID	
0-1	Grass and roots		0	
1-2	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, micaceous, some gravel, few roots. Moist.		0	No unusual odors or stains
2-3	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, micaceous, some gravel, few roots. Moist.		0	
3-4	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, micaceous, some gravel, few roots. Moist.		0	
4-5	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, micaceous, some gravel, few roots. Moist.		0	
2-6	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, micaceous, some gravel, few roots. Moist.		0	
<i>L</i> -9	Strong brown (7.5YR 4/6) SILT, soft, slightly plastic, micaceous, some fine sand. Moist.		0	No unusual odors or stains
7-8	Strong brown (7.5YR 4/6) SILT, soft, slightly plastic, micaceous, some fine sand. Moist.		0	
6-8	Strong brown (7.5YR 4/6) SILT, soft, slightly plastic, micaceous, some fine sand. Moist.		0	
9-10	Red (2.5YR 4/8) SILT, soft, slightly plastic, some mica, some fine sand. Moist.		0	No unusual odors or stains
10-11	Red (2.5YR 4/8) SILT, soft, slightly plastic, some mica, some fine sand. Moist.		0	
11-12	Red (2.5YR 4/8) SILT, soft, slightly plastic, some mica, some fine sand. Moist.	1355	0	Sample

Prepared by: MTC Checked by: CBS

Date: 4.28/10

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M	MACTEC Engineering and Consulting, Inc. 3301 Atlantic Avenue Raleigh, North Carolina	, Inc.	SS	Soil Boring Sample Record
MACTEC Pro Parcel #10 RA	MACTEC Project ID: NCDOT Morganton Parcel #10 RAJ RN, LLC. Property		MACTEC Field Representative	epresentative
MACTEC Pro	MACTEC Project #: 6470-10-0057		Lloyd	1
Date: 4/1/2010				
Boring ID: SB-14	-14			
Depth Interval	Soil Description	Time	Headspace Screening Results (in ppm)	Comments
			PID	
0-1	Grass and roots		0	
1-2	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, micaceous, some gravel, few roots. Moist.		0	No unusual odors or stains
2-3	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, micaceous, some gravel, few roots. Moist.		0	
3-4	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, micaceous, some gravel, few roots. Moist.		0	
4-5	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, micaceous, some gravel, few roots. Moist.		0	
5-6	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, micaceous, some gravel, few roots. Moist.		0	
<i>L</i> -9	Strong brown (7.5YR 4/6) SILT, soft, slightly plastic, micaceous, some fine sand. Moist.		0	No unusual odors or stains
7-8	Strong brown (7.5YR 4/6) SILT, soft, slightly plastic, micaceous, some fine sand. Moist.		0	
6-8	Strong brown (7.5YR 4/6) SILT, soft, slightly plastic, micaceous, some fine sand. Moist.		0	
9-10	Red (2.5YR 4/8) SILT, soft, slightly plastic, some mica, some fine sand. Moist.		0	No unusual odors or stains
10-11	Red (2.5YR 4/8) SILT, soft, slightly plastic, some mica, some fine sand. Moist.		0	
11-12	Red (2.5YR 4/8) SILT, soft, slightly plastic, some mica, some fine sand. Moist.	1405	0	Sample
				11 11 11 11 11

Prepared by: MJC Checked by: CJ35

Date: 4.28-10 Date: 4/28/10

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6.5' bgs. Small concrete debris No unusual odors or stains No unusual odors or stains Comments Soil Boring Sample Record Sample MACTEC Field Representative Lloyd Headspace Screening Results (in ppm) PID 0 0 0 0 0 0 0 0 0 0 0 0 Time 1425 MACTEC Engineering and Consulting, Inc. Yellowish brown (10YR 5/8) SANDY SILT, soft, slightly Red (2.5YR 4/6) SILT with minor sand, soft, slightly Red (2.5YR 4/6) SILT with minor sand, soft, slightly Red (2.5YR 4/6) SILT with minor sand, soft, slightly Red (2.5YR 4/6) SILT with minor sand, soft, slightly Red (2.5YR 4/6) SILT with minor sand, soft, slightly Red (2.5YR 4/6) SILT with minor sand, soft, slightly Red (2.5YR 4/6) SILT with minor sand, soft, slightly Raleigh, North Carolina 3301 Atlantic Avenue Soil Description plastic, some mica and quartz. Moist. MACTEC Project ID: NCDOT Morganton plastic, micaceous. Moist. plastic, micaceous. Moist. plastic, micaceous. Moist. plastic, micaceous. Moist. Parcel #10 RAJ RN, LLC. Property MACTEC Project #: 6470-10-0057 Grass and roots Boring ID: SB-15 Date: 4/1/2010 Depth Interval 11-12 10-11 9-10 2-3 4-5 9-9 6-8 1-2 3-4 2-9 7-8 0-1

Prepared by: MJ6 Checked by: CBS

Date: 4/28/10 01-82-10 Date:

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M	MACTEC Engineering and Consulting, Inc. 3301 Atlantic Avenue Raleigh, North Carolina	, Inc.	oS .	Soil Boring Sample Record
MACTEC Pro Parcel #10 RA	MACTEC Project ID: NCDOT Morganton Parcel #10 RAJ RN LLC. Property		MACTEC Field Representative	epresentative
MACTEC Pro	MACTEC Project #: 6470-10-0057		Lloyd	
Date: 4/1/2010				
Boring ID: SB-16	-16			
Depth	Soil Description	Time	Headspace Screening Results (in ppm)	Comments
Interval			PID	
0-1	Grass and roots		0	
1-2	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, some mica and quartz. Moist.		0	No unusual odors or stains
2-3	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, some mica and quartz. Moist.		0	
3-4	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, some mica and quartz. Moist.		0	
4-5	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, some mica and quartz. Moist.		0	
5-6	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, some mica and quartz. Moist.		0	
2-9	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, some mica and quartz. Moist.		0	
7-8	Red (2.5YR 4/6) SILT with minor sand, soft, slightly plastic, some mica and quartz. Moist.		0	
6-8	Yellowish brown (10YR 5/8) SANDY SILT, soft, slightly plastic, micaceous. Moist.		0	No unusual odors or stains
9-10	Yellowish brown (10YR 5/8) SANDY SILT, soft, slightly plastic, micaceous. Moist.		0	
10-11	Yellowish brown (10YR 5/8) SANDY SILT, soft, slightly plastic, micaceous. Moist.		0	
11-12	Yellowish brown (10YR 5/8) SANDY SILT, soft, slightly plastic, micaceous. Moist.	1455	0	Sample
				7.00 11 11 11 11 11 11 11 11 11 11 11 11 1

Date: 4-28-10 Date: 4/28/10 Prepared by: MJ6
Checked by: CB5

APPENDIX D

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

Case Narrative



Date:

04/19/10

Company: N.C. Department of Transportation

Contact:

Matt Gillis

Address:

c/o MACTEC Eng. & Consulting, Inc

3301 Atlantic Ave. Raleigh, NC 27604 Client Project ID:

NCDOT Morganton

Prism COC Group No:

G0410079

Collection Date(s):

03/31/10 thru 04/02/10

Lab Submittal Date(s):

04/05/10

Client Project Name Or No: Morganton, NC WBS# 34831.1.1

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 32 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

Semi Volatile Analysis

Analysis Note for Q49432 MS Diesel Range Organics (DRO): Sample concentration too high for recovery evaluation. Analysis Note for Q49432 MSD Diesel Range Organics (DRO): Sample concentration too high for recovery evaluation.

Volatile Analysis

No Anomalies Reported

Metals Analysis

N/A

Wet Lab and Micro Analysis

N/A

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

Data Reviewed by:

Steven H. Guptill

Project Manager:

Steven H. Guptill

Signature:

Signature:

04/19/10

Review Date:

04/19/10

Approval Date:

Data Qualifiers Key Reference:

- B: Compound also detected in the method blank.
- #: Result outside of the QC limits.
- DO: Compound diluted out.
 - E: Estimated concentration, calibration range exceeded.
 - J: The analyte was positively identified but the value is estimated below the reporting limit.
- H: Estimated concentration with a high bias.
- L: Estimated concentration with a low bias.
- M: A matrix effect is present.

Notes: This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.



Laboratory Report

04/19/10

N.C. Department of Transportation

Attn: Matt Gillis

c/o MACTEC Eng. & Consulting, Inc

3301 Atlantic Ave. Raleigh, NC 27604 Project Name: Morganton, NC
Project ID: NCDOT Morganton

WBS# 34831.1.1

Sample Matrix: Soil

Project No.:

Client Sample ID: SB-13
Prism Sample ID: 275761
COC Group: G0410079

Time Collected: 04/02/10 13:55 **Time Submitted:** 04/05/10 15:50

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analys	Batch ID
Percent Solids Determination					_	0140540.0	04/00/40 45 00	9	
Percent Solids	81.5	%			1	SM2540 G	04/08/10 15:30	jbrayton	
Diesel Range Organics (DRO) by GO	:-FID								
Diesel Range Organics (DRO)	BRL	mg/kg	8.6	1.4	1	8015B	04/16/10 13:13	jvogel	Q49472
Sample Preparation:				25 g	/ 1 mL	3545	04/15/10 16:00	athao	P27278
					Surrogate	,	% Recovery	Co	ntrol Limits
					o-Terphen	yl	73		49 - 124
Sample Weight Determination									
Weight 1	7.82	g			1	GRO	04/08/10 0:00	Ibrown	
Weight 2	7.11	g			1	GRO	04/08/10 0:00	Ibrown	
Gasoline Range Organics (GRO) by	GC-FID								
Gasoline Range Organics (GRO)	BRL	mg/kg	6.1	3.8	50	8015B	04/10/10 21:54	heasler	Q49314

Surrogate recovery was outside of the control limits.

Surrogate	% Recovery	Control Limits
aaa-TFT	135 #	55 - 129

Page 13 of 27

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

04/19/10

Page 14 of 27

N.C. Department of Transportation

Attn: Matt Gillis

c/o MACTEC Eng. & Consulting, Inc

3301 Atlantic Ave. Raleigh, NC 27604 Project Name: Morganton, NC
Project ID: NCDOT Morganton

WBS# 34831.1.1

Sample Matrix: Soil

Project No.:

Client Sample ID: SB-14
Prism Sample ID: 275762
COC Group: G0410079

Time Collected: 04/02/10 14:05 **Time Submitted:** 04/05/10 15:50

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analys	st Batch ID
Percent Solids Determination Percent Solids	78.2	%			1	SM2540 G	04/08/10 15:3	0 jbrayton	
Diesel Range Organics (DRO) by GC			0.0			00455	044040 40 4	O hand	0.40.470
Diesel Range Organics (DRO)	BRL	mg/kg	8.9	1.4	1	8015B	04/16/10 13:4	8 Jvogei	Q49472
Sample Preparation:				25.14 g	/ 1 mL	3545	04/15/10 16:0	0 athao	P27278
					Surrogat	e	% Recove	ry Co	ontrol Limits
					o-Terphe	nyl	78		49 - 124
Sample Weight Determination					4	000	04/00/40 0.00	lbrown	
Weight 1	7.75	g			1	GRO	04/08/10 0:00	IDrown	
Weight 2	8.38	g			1	GRO	04/08/10 0:00	Ibrown	
Gasoline Range Organics (GRO) by	GC-FID								
Gasoline Range Organics (GRO)	BRL	mg/kg	6.4	4.0	50	8015B	04/14/10 0:47	heasler	Q49405
					Surrogat	e	% Recove	ry Co	ontrol Limits
					aaa-TFT		94		55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



Laboratory Report

04/19/10

N.C. Department of Transportation

Attn: Matt Gillis

c/o MACTEC Eng. & Consulting, Inc

3301 Atlantic Ave. Raleigh, NC 27604 Project Name: Morganton, NC
Project ID: NCDOT Morganton
Project No.: WBS# 34831.1.1

Sample Matrix: Soil

Client Sample ID: SB-15
Prism Sample ID: 275763
COC Group: G0410079

Time Collected: 04/02/10 14:25 **Time Submitted:** 04/05/10 15:50

Parameter	Result	Units	Report Limit	t MDL	Dilution Factor	Method	Analysis Date/Time	Analys	t Batch ID
Percent Solids Determination Percent Solids	82.1	%			1	SM2540 G	04/08/10 15:30	jbrayton	
Diesel Range Organics (DRO) by GO Diesel Range Organics (DRO)	C-FID BRL	mg/kg	8.5	1.4	1	8015B	04/16/10 14:24	jvogel	Q49472
Sample Preparation:				25.01 g	/ 1 mL	3545	04/15/10 16:00) athao	P27278
					Surrogat	е	% Recovery	y Co	ntrol Limits
					o-Terpher	ıyl	72		49 - 124
Sample Weight Determination Weight 1	7.20	g			1	GRO	04/08/10 0:00	lbrown	
Weight 2	7.25	g			1	GRO	04/08/10 0:00	lbrown	
Gasoline Range Organics (GRO) by	GC-FID								
Gasoline Range Organics (GRO)	BRL	mg/kg	6.1	3.8	50	8015B	04/14/10 1:18	heasler	Q49405
					Surrogat	e	% Recovery	y Co	ntrol Limits
					aaa-TFT		117		55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



Laboratory Report

04/19/10

Page 16 of 27

N.C. Department of Transportation

Attn: Matt Gillis

c/o MACTEC Eng. & Consulting, Inc

3301 Atlantic Ave. Raleigh, NC 27604 Project Name: Morganton, NC
Project ID: NCDOT Morganton
Project No.: WBS# 34831.1.1

Sample Matrix: Soil

Client Sample ID: SB-16
Prism Sample ID: 275764
COC Group: G0410079

Time Collected: 04/02/10 14:55 **Time Submitted:** 04/05/10 15:50

Parameter	Result	Units	Report Limit	MDL	Dilution Factor		Analysi: Date/Tim		nalyst	Batch ID
Percent Solids Determination Percent Solids	84.8	%			1	SM2540 G	04/07/10	16:22 jbra	yton	
Diesel Range Organics (DRO) by GO										
Diesel Range Organics (DRO)	BRL	mg/kg	8.2	1.3	1	8015B	04/16/10	14:59 jvog	jel	Q49472
Sample Preparation:				25.08 g	/ 1:	mL 3545	04/15/10	16:00 a	athao	P27278
					Surro	gate	% Rec	overy	Cont	rol Limits
					o-Terp	henyl		73	4	19 - 124
Sample Weight Determination										
Weight 1	7.73	g			1	GRO	04/08/10	0:00 lbro	wn	
Weight 2	8.67	g			1	GRO	04/08/10	0:00 lbro	wn	
Gasoline Range Organics (GRO) by	GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	5.9	3.7	50	8015B	04/14/10	1:49 hea	sler	Q49405
					Surro	gate	% Rec	overy	Cont	rol Limits
					aaa-Tl	=T	1	129	5	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



Level II QC Report

04/19/10

N.C. Department of Transportation

Attn: Matt Gillis

c/o MACTEC Eng. & Consulting, Inc

3301 Atlantic Ave. Raleigh, NC 27604 Project Name:

Morganton, NC

COC Group Number: G0410079 Date/Time Submitted:

04/05/10 15:50

Project ID: **NCDOT Morganton** Project No.: WBS# 34831.1.1

Gasoline Range Organics (GRO) by GC-FID, method 8015B

Method	d Blank									QC Batch
		Result	RL	Control Limit	Units					ID
	Gasoline Range Organics (GRO)	ND	5	<2.5	mg/kg					Q49295
Labora	tory Control Sample					Recovery	Recovery Ranges			QC Batch
		Result	Spike Amour	t	Units	%	%			ID
	Gasoline Range Organics (GRO)	50.20	50		mg/kg	100	67-116			Q49295
Matrix	Spike					Recovery	Recovery			QC Batch
Sample I	D:	Result	Spike Amour	t	Units	%	Ranges %			ID
275461	Gasoline Range Organics (GRO)	41.90	50		mg/kg	84	57-113			Q49295
Matrix	Spike Duplicate					Recovery	Recovery Ranges	RPD	RPD Range	QC Batch
Sample I	D:	Result	Spike Amour	t	Units	%	%	%	%	ID
275461	Gasoline Range Organics (GRO)	44.10	50		mg/kg	88	57-113	5	0 - 23	Q49295

Gasoline Range Organics (GRO) by GC-FID, method 8015B

Method Blank									QC Batch
	Result	RL	Control Limit	Units					ID
Gasoline Range Organics (GRO)	ND	5	<2.5	mg/kg					Q49314
Laboratory Control Sample	Result	Spike Amou	ınt	Units	Recovery %	Recovery Ranges %			QC Batch ID
Gasoline Range Organics (GRO)	49.60	50		mg/kg	99	67-116			Q49314
Matrix Spike					Recovery	Recovery			QC Batch
Sample ID:	Result	Spike Amou	int	Units	%	Ranges %			ID
275755 Gasoline Range Organics (GRO)	37.45	50		mg/kg	75	57-113			Q49314
Matrix Spike Duplicate					Recovery	Recovery	RPD	RPD	QC Batch
Sample ID:	Result	Spike Amou	int	Units	%	Ranges %	%	Range %	ID
275755 Gasoline Range Organics (GRO)	37.25	50		mg/kg	75	57-113	1	0 - 23	Q49314



Level II QC Report

04/19/10

N.C. Department of Transportation

Attn: Matt Gillis

c/o MACTEC Eng. & Consulting, Inc

3301 Atlantic Ave. Raleigh, NC 27604

Project Name: Morganton, NC

COC Group Number:
Date/Time Submitted:

G0410079

04/05/10 15:50

Project ID: NCDOT Morganton
Project No.: WBS# 34831.1.1

Diesel Range Organics (DRO) by GC-FID, method 8015B

Method Blank									QC Batch
	Result	RL	Control Limit	Units					ID
Diesel Range Organics (DRO)	ND	7	<3.5	mg/kg					Q49319
Laboratory Control Sample	Result	Spike Amou	ınt	Units	Recovery %	Recovery Ranges %			QC Batch ID
Diesel Range Organics (DRO)	51.0	80		mg/kg	64	55-109			Q49319
Matrix Spike Sample ID:	Result	Spike Amou	ınt	Units	Recovery %	Recovery Ranges %			QC Batch ID
275749 Diesel Range Organics (DRO)	54.8	80		mg/kg	69	50-117			Q49319
Matrix Spike Duplicate Sample ID:	Result	Spike Amou	ınt	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
275749 Diesel Range Organics (DRO)	55.7	80		mg/kg	70	50-117	2	0 - 24	Q49319

Gasoline Range Organics (GRO) by GC-FID, method 8015B

Metho	d Blank									QC Batch
		Result	RL	Control Limit	Units					ID
	Gasoline Range Organics (GRO)	ND	5	<2.5	mg/kg					Q49405
Labora	tory Control Sample	Result	Spike Amou	unt	Units	Recovery %	Recovery Ranges %			QC Batch ID
	Gasoline Range Organics (GRO)	48.25	50		mg/kg	97	67-116			Q49405
Matrix	Spike					Recovery	Recovery			QC Batch
Sample I	D:	Result	Spike Amou	unt	Units	%	Ranges %			ID
275831	Gasoline Range Organics (GRO)	46.00	50		mg/kg	92	57-113			Q49405
Matrix	Spike Duplicate					Recovery	Recovery	RPD	RPD	QC Batch
Sample I	D:	Result	Spike Amou	unt	Units	%	Ranges %	%	Range %	ID
275831	Gasoline Range Organics (GRO)	47.80	50		mg/kg	96	57-113	4	0 - 23	Q49405



Level II QC Report

04/19/10

N.C. Department of Transportation

Attn: Matt Gillis

c/o MACTEC Eng. & Consulting, Inc

3301 Atlantic Ave. Raleigh, NC 27604 Project

Morganton, NC

COC Group Number:
Date/Time Submitted:

G0410079

04/05/10 15:50

Name: Project ID:

NCDOT Morganton

Project No.: WBS# 34831.1.1

Diesel Range Organics (DRO) by GC-FID, method 8015B

Method Blank										QC Batch
	Result	RL	Control Limit	Units						ID
Diesel Range Organics (DRO)	ND	7	<3.5	mg/kg						Q49432
Laboratory Control Sample	Result	Spike Amou	nt	Units	Recovery %	Recovery Ranges %				QC Batch ID
Diesel Range Organics (DRO)	54.8	80		mg/kg	69	55-109				Q49432
Matrix Spike Sample ID:	Result	Spike Amou	nt	Units	Recovery %	Recovery Ranges %				QC Batch ID
276286 Diesel Range Organics (DRO)	391	80		mg/kg	-8 #	50-117				Q49432
Matrix Spike Duplicate Sample ID:	Result	Spike Amou	nt	Units	Recovery %	Recovery Ranges %	RPD %		RPD Range %	QC Batch ID
276286 Diesel Range Organics (DRO)	302	80		mg/kg	-119 #	50-117	26	#	0 - 24	Q49432

Gasoline Range Organics (GRO) by GC-FID, method 8015B

Method Blank									QC Batch
	Result	RL	Control Limit	Units					ID
Gasoline Range Organics (GRO)	ND	5	<2.5	mg/kg					Q49444
Laboratory Control Sample	Result	Spike Amou	nt	Units	Recovery %	Recovery Ranges %			QC Batch ID
Gasoline Range Organics (GRO)	47.65	50		mg/kg	95	67-116			Q49444
Matrix Spike					Recovery	Recovery			QC Batch
Sample ID:	Result	Spike Amou	nt	Units	%	Ranges %			ID
275668 Gasoline Range Organics (GRO)	43.30	50		mg/kg	87	57-113			Q49444
Matrix Spike Duplicate					Recovery	Recovery	RPD	RPD	QC Batch
Sample ID:	Result	Spike Amou	nt	Units	%	Ranges %	%	Range %	ID
275668 Gasoline Range Organics (GRO)	44.60	50		mg/kg	89	57-113	3	0 - 23	Q49444



Level II QC Report

04/19/10

N.C. Department of Transportation

Attn: Matt Gillis

c/o MACTEC Eng. & Consulting, Inc

3301 Atlantic Ave. Raleigh, NC 27604 Project

Morganton, NC

COC Group Number:
Date/Time Submitted:

G0410079

04/05/10 15:50

Name: Project ID:

NCDOT Morganton

Project No.: WBS# 34831.1.1

Diesel Range Organics (DRO) by GC-FID, method 8015B

Method Blank									QC Batch
	Result	RL	Control Limit	Units					ID
Diesel Range Organics (DRO)	ND	7	<3.5	mg/kg					Q49472
Laboratory Control Sample	Result	Spike Amou	ınt	Units	Recovery %	Recovery Ranges %			QC Batch ID
Diesel Range Organics (DRO)	54.6	80		mg/kg	68	55-109			Q49472
Matrix Spike Sample ID:	Result	Spike Amou	int	Units	Recovery %	Recovery Ranges %			QC Batch ID
275759 Diesel Range Organics (DRO)	69.9	80		mg/kg	87	50-117			Q49472
Matrix Spike Duplicate Sample ID:	Result	Spike Amou	ınt	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
275759 Diesel Range Organics (DRO)	73.4	80		mg/kg	92	50-117	5	0 - 24	Q49472

#-See Case Narrative

Full-Service And Environmental S
SSS INC.

alytical & Solutions

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

Reporting Address: 3301 AFLanhに Report To/Contact Name: $M \mathcal{L}^{+}$ Client Company Name: $\Omega\Delta$

Site Location Physical Address: <u>Mudくなん 1eハ,</u>N(EDD Type: PDF X Excel Other Site Location Name: NCD D) MAKEN Town Phone: 9.90831-8056 Fax (Yes) (M): Email (Xes) (No) Email Address

CHAIN OF CUSTODY RECORD

9

Mencenton PAGE 2 OF 3 QUOTE # TO ENSURE PROPER BILLING: Project Name: NCD OT

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: (2000 A P) Address:

VOLATILES rec'd W/OUT HEADSPACE?

PROPER PRESERVATIVES indicated? Received ON WET ICE? Temp 4.9

Samples INTACT upon arrival?

Received WITHIN HOLDING TIMES?

CUSTODY SEALS INTACT?

urchase Order No./Billing Reference (人) 34831・1・1	1.1
lequested Due Date □1 Day □2 Days □3 Days □4 Days □5 Days	Jays
Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Pre-Approved	/lust be d
samples received after 15:00 will be processed next business day.	
urnaround time is based on business days, excluding weekends and holidays.	olidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES	
RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)	

	TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL	ONNEL
	Certification: NELAC USACE FL	NC
Φ	SCOTHERN/A	
	Water Chlorinated: YESNO	
	Sample Iced Upon Collection: YES NO	
ANAL	ANALYSES REQUESTED	PRISM

į	L F	COLLECTED	MAIRIX SOIL	SAMPL	SAMPLE CONTAINER	PRESERVA-	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\	\		LAB
SAMPLE DESCRIPTION	COLLECTED	MILITARY	WATER OR SLUDGE)	*TYPE SEE BELOW	NO. SIZE	TIVES	300		REMARKS	IRKS	ID NO.
11	0111 01/6/15	0777	0	20 V20 A	2 3 4th Con Methods	Motheral	>				275754
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58.12		15.00 18.00									375761
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56°66		7027									37576
56-17		777									27546
5/2 5/2 DC - 8)		017			and the second s						375767
26, 20		1/30	>	3	>	>	<i>→</i>				275768
000000000000000000000000000000000000000	7	9	-			lind	Affliation		PRESS DOW	PRESS DOWN FIRMLY - 3 COPIES	3 COPIES
Sampler's Signature	MEM		Sampled B	y (Print Name,	Office of with the analyses	s as requested at	bove, Any changes must be		25		A INO E
Upon relinguishing, this submitted in writing to	FChain of Cust the Prism Proje	ody is year auu et Manager. Th	nere will be cl	harges for any	changes after analys	ses have been ini		ļ	· ?		
2	+		Book	Bedeived By: (Signature)	Tel.		Date Military/Hours		Additional Comments:	City Arrival Timo.	·

Site Departure Time: Field Tech Fee Mileage:

1550

4/5/10 COC Group No.

LANDFILL OTHER: G0410079

CERCLA

RCRA:

SOLID WASTE:

DRINKING WATER:

Other _

Prism Field Service GRÓUNDWATER:

☐ Fed Ex ☐ UPS ☐ Hand-delivered

NPDES:

ORIGINAL

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.