

GEOPROBE INVESTIGATION REPORT

**Gunter Commissary
Gunter Air Force Base
Montgomery, Montgomery County, Alabama**

**Prepared for:
Liberty Construction Company
868 Plantation Way
Montgomery, Alabama 36117**

**Prepared by:
TTL, Inc.
4154 Lomac Street
Montgomery, Alabama 36106**

TTL Project No. 600210-016

July 16, 2010



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CERTIFICATION PAGE

I certify under penalty of law that I am a geologist or registered professional engineer experienced in hydrogeologic investigations. The investigation described in this report was performed by a geologist(s) or registered engineer(s) experienced in hydrogeologic investigations. The information submitted herein, to the best of my knowledge and belief, is true, accurate, and complete. I am aware that there are significant penalties for submitting false information.

Project: Report of Geoprobe Investigation
Gunter Commissary
Gunter Air Force Base
Montgomery, Montgomery County, Alabama
TTL Project No.: 600210-016

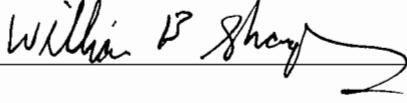




Signature
Sheryle G. Reeves, P.E.
Alabama Lic. No. 20128
7-16-10

Date





Signature
William B. Shaughnessy, P.G.
Alabama Lic. No. 964
7/16/2010

Date

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1.0. INTRODUCTION

TTL Inc. (TTL) understands that Liberty Design & Construction Co. Inc. (Liberty) has a contract to construct a new commissary at Gunter Air Force Base (AFB) in Montgomery, Alabama. In a letter dated April 6, 2010, **TTL** provided a scope of services (**TTL** Proposal Number P06210041) to Liberty to provide for the installation of six probe-holes and collection and analysis of eighteen soil samples for potential hydrocarbon contamination at the proposed construction site.

2.0 SITE DESCRIPTION

The project area is located in the parking lot of the existing Gunter AFB commissary. This location is generally north and east of the existing commissary and south of the tennis courts. The area east of the parking lot is grassed. A storm sewer extends north to south through the project area. Overhead utility lines also extend north to south and east to west through the project area. A site map with locations of utilities is included as **Figure 1 (Appendix A)**.

3.0 GEOPROBE INVESTIGATION

The parking lot is paved with approximately 12 inches of concrete. On June 23, 2010, **TTL** supervised the concrete cutting at the proposed probe-hole locations. The concrete cutting was subcontracted to IDS Concrete Cutting. The proposed probe-hole locations were pre-selected by ITT Corporation.

The geoprobe investigation was performed June 24, 2010. Six probe-holes (B-1 through B-6) were installed by Plains Environmental Services utilizing a Geoprobe 6010 and supervised by a **TTL** project professional. Locations of the probe-holes are shown on the site map (**Figure 1**).

Each probe-hole was installed to total depth of 12 feet below ground surface (BGS) and soil samples were collected on a continuous interval. The Geoprobe samplers and rods were decontaminated with Alconox and de-ionized water prior to installing each probe-hole. Boring logs which contain soil descriptions are included in **Appendix B**. Each probe-hole was backfilled to land surface with hydrated bentonite pellets.

Three soil samples were retained from each probe-hole from four, eight, and twelve feet BGS and tested for the following chemicals of concern (COCs):

- BETX (benzene, toluene, ethyl-benzene, and xylenes) by Method 8260, and
- Total lead by Method 6010.

Sample containers included three 5-gram Encores for the BTEX analyses and one 4-ounce glass jar for the total lead analysis. All sample containers were labeled and immediately packed on ice. Samples were hand delivered to TTL's laboratory in Tuscaloosa, Alabama. A chain of custody accompanied the sample shipment.

4.0 SUMMARY

Eighteen soil samples were tested for BTEX and total lead. Benzene, ethyl-benzene, and xylene concentrations were below laboratory detection limits. Toluene concentrations ranged from <0.0012 to 0.0031J mg/Kg (milligrams per kilogram). The 'J' qualifier indicates the analyte was detected below quantitation limits. Total lead concentrations ranged from 6.29 to 34.6 mg/Kg. A summary of the soil analytical results are provided in **Table 1 (Appendix C)**. The laboratory report and chain of custody record are included in **Appendix D**.

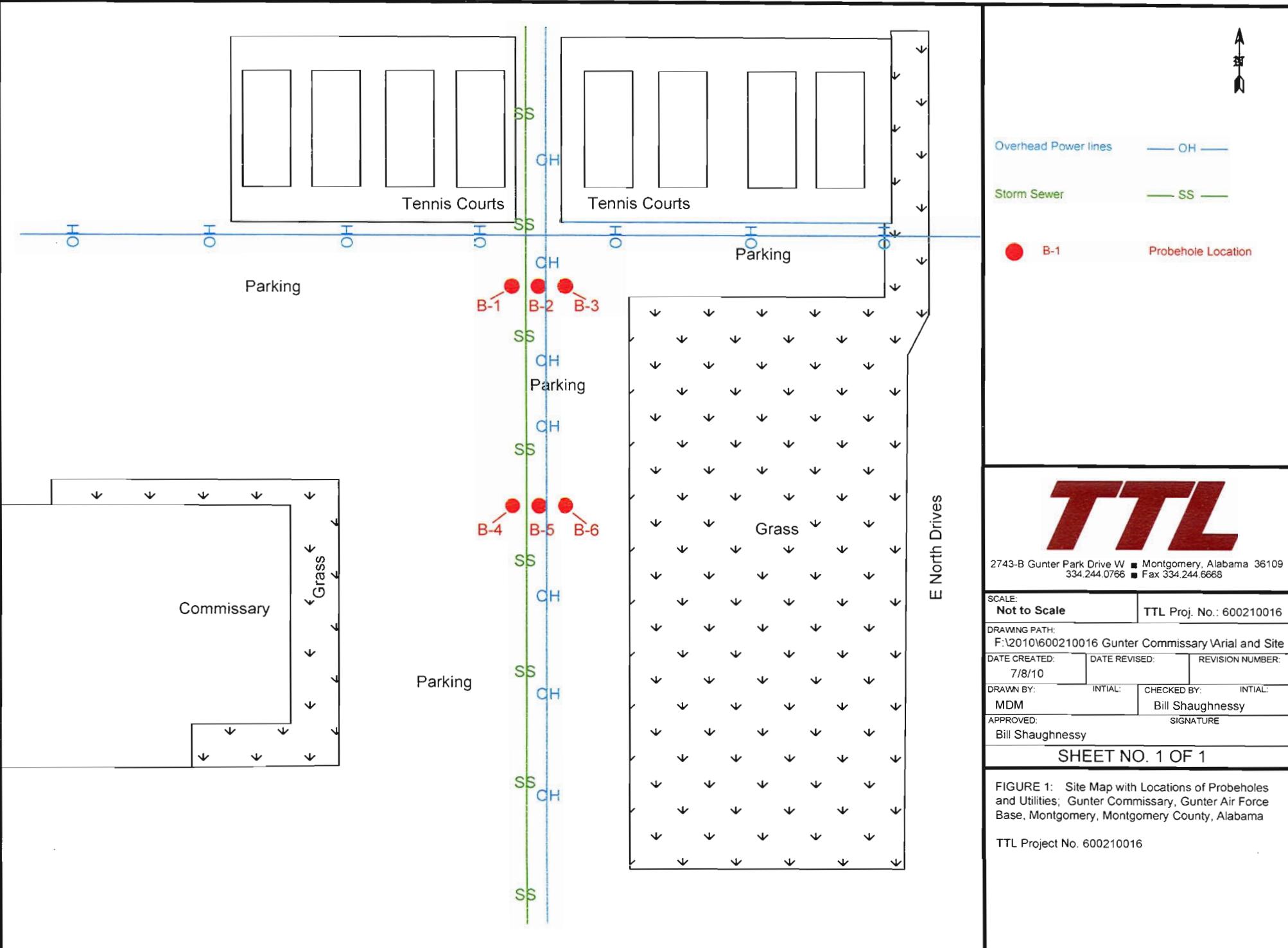
COC laboratory detection limits and concentrations have been compared to the Commercial Initial Screening Levels (ISLs) provided in the *Alabama Risk-Based Corrective Action for Underground Storage Tanks Guidance Manual (ADEM, November 2001)* and the *Preliminary Screening Values (PSVs) provided in the Alabama Risk-Based Corrective Action Guidance Manual (ADEM, April 2008)*.

No BTEX constituent concentration or detection limit exceeds the respective commercial ISLs or PSVs. The total lead concentrations in all soil samples exceed the commercial ISL of 4.43 mg/Kg but not the commercial PSV of 800 mg/Kg. TTL believes that background total lead concentrations may be similar and does not warrant additional investigation(s).

APPENDICES

APPENDIX A

**SITE MAP WITH LOCATIONS OF PROBE-HOLES AND
UTILITIES**



**APPENDIX B
BORING LOGS**



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LIBERTY CONSTRUCTION CO., INC.
GUNTER COMMISSARYLOG OF PROBE HOLE
B-1

| | | | |
|------------------|----------------------|------------------|-----------------------|
| PROJECT NUMBER | 600210016 | PROFESSIONAL | Mack D. Moncus |
| LOCATION | Montgomery, Alabama | DATE(S) DRILLED | 6/24/2010 - 6/24/2010 |
| DRILLING COMPANY | Plains Environmental | GROUND ELEVATION | |
| DRILLER | Bobby Couch | DEPTH TO WATER | |
| DRILLING METHOD | Geoprobe | WATER ELEVATION | |
| REMARKS | | | |

| DEPTH (feet) | GRAPHIC LOG | U.S.C.S. | SAMPLE | | | LITHOLOGIC DESCRIPTION | WATER LEVEL & DATE | REMARKS |
|-----------------|----------------|----------|--------------------|---------------|--------------|---|-----------------------------|---------|
| | | | INTERVAL (feet) | % RECOVERY | PID (ppm) | | | |
| 0 | CL | CL | 0 - 5 | | | Concrete surface , then SANDY CLAY, red (10R 5/6) CLAYEY SAND, very dark brown (10YR 2/2) | | |
| 5 | SC | SC | 5 - 10 | | | CLAYEY SAND, brownish yellow (10YR 6/6) | | |
| 10 | | | 10 - 12 | | | CLAYEY SAND, yellowish red (5YR 5/6) with crushed quartz gravel (1/2"), moist | | |
| | | | | | | CLAYEY SAND (coarse grained), light yellowish brown (10YR 6/4) with 15-20% quartz (1/2"), moist | | |
| | | | | | | PROBEHOLE TERMINATED AT 12 FEET. | | |

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LIBERTY CONSTRUCTION CO., INC.
GUNTER COMMISSARY
LOG OF PROBE HOLE
B-2

| | | | |
|------------------|----------------------|------------------|-----------------------|
| PROJECT NUMBER | 600210016 | PROFESSIONAL | Mack D. Moncus |
| LOCATION | Montgomery, Alabama | DATE(S) DRILLED | 6/24/2010 - 6/24/2010 |
| DRILLING COMPANY | Plains Environmental | GROUND ELEVATION | |
| DRILLER | Bobby Couch | DEPTH TO WATER | |
| DRILLING METHOD | Geoprobe | WATER ELEVATION | |
| REMARKS | | | |

| DEPTH (feet) | GRAPHIC LOG | U.S.C.S. | SAMPLE | | | LITHOLOGIC DESCRIPTION | WATER LEVEL & DATE | REMARKS |
|-----------------|----------------|----------|--------------------|---------------|--------------|--|-----------------------------|---------|
| | | | INTERVAL (feet) | % RECOVERY | PID (ppm) | | | |
| | | CL | 0 - 5 | | | Concrete surface, then SANDY CLAY, red (10R 5/8) CLAYEY SAND, very dark brown (10YR 2/2) | | |
| 5 | | SC | 5 - 10 | | | CLAYEY SAND, light yellowish brown (10YR 6/4) | | |
| 10 | | | 10 - 12 | | | CLAYEY SAND, yellowish red (5YR 5/8) with quartz gravel (1/2"), moist CLAYEY SAND (coarse grained), light yellowish brown (10YR 6/4) with 20-25% quartz gravel (1/2"-3/4"), moist | | |
| | | | | | | PROBEHOLE TERMINATED AT 12 FEET. | | |

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LIBERTY CONSTRUCTION CO., INC.
GUNTER COMMISSARY
LOG OF PROBE HOLE
B-3

| | | | |
|------------------|----------------------|------------------|-----------------------|
| PROJECT NUMBER | 600210016 | PROFESSIONAL | Mack D. Moncus |
| LOCATION | Montgomery, Alabama | DATE(S) DRILLED | 6/24/2010 - 6/24/2010 |
| DRILLING COMPANY | Plains Environmental | GROUND ELEVATION | |
| DRILLER | Bobby Couch | DEPTH TO WATER | |
| DRILLING METHOD | Geoprobe | WATER ELEVATION | |
| REMARKS | | | |

| DEPTH (feet) | GRAPHIC LOG | U.S.C.S. | SAMPLE | | | LITHOLOGIC DESCRIPTION | WATER LEVEL & DATE | REMARKS |
|-----------------|----------------|----------|--------------------|---------------|--------------|---|-----------------------------|---------|
| | | | INTERVAL (feet) | % RECOVERY | PID (ppm) | | | |
| 5 | CL SC | CL | 0 - 5 | | | Concrete surface, then SANDY CLAY, red (10R 5/6) CLAYEY SAND, very dark brown (10YR 2/2) | | |
| | | | 5 - 10 | | | CLAYEY SAND, light yellowish brown (10YR 6/4) | | |
| | | SC | 10 - 12 | | | CLAYEY SAND, yellowish red (10YR 6/4), moist | | |
| | | | | | | CLAYEY SAND (coarse grained), yellowish red (10YR 6/4) with 20-25% quartz gravel (1/2"), moist | | |
| | | | | | | PROBEHOLE TERMINATED AT 12 FEET. | | |

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LIBERTY CONSTRUCTION CO., INC.
GUNTER COMMISSARY
LOG OF PROBE HOLE
B-4

| | | | |
|------------------|----------------------|------------------|-----------------------|
| PROJECT NUMBER | 600210016 | PROFESSIONAL | Mack D. Moncus |
| LOCATION | Montgomery, Alabama | DATE(S) DRILLED | 6/24/2010 - 6/24/2010 |
| DRILLING COMPANY | Plains Environmental | GROUND ELEVATION | |
| DRILLER | Bobby Couch | DEPTH TO WATER | |
| DRILLING METHOD | Geoprobe | WATER ELEVATION | |
| REMARKS | | | |

| DEPTH (feet) | GRAPHIC LOG | U.S.C.S. | SAMPLE | | | LITHOLOGIC DESCRIPTION | WATER LEVEL & DATE | REMARKS |
|-----------------|----------------|----------|--------------------|---------------|--------------|--|-----------------------------|---------|
| | | | INTERVAL (feet) | % RECOVERY | PID (ppm) | | | |
| | | CL | 0 - 5 | | | Concrete surface, then SANDY CLAY, red (10R 5/6) --- CLAYEY SAND, very dark brown (10YR 2/2) --- | | |
| 5 | | SC | 5 - 10 | | | CLAYEY SAND, light yellowish brown (10YR 6/4) | | |
| 10 | | | 10 - 12 | | | CLAYEY SAND, yellowish red (10YR 6/4), moist CLAYEY SAND (coarse grained), yellowish red (10YR 6/4) with 20-25% quartz gravel (1/2"), moist | | |
| | | | | | | PROBEHOLE TERMINATED AT 12 FEET. | | |



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LIBERTY CONSTRUCTION CO., INC.
GUNTER COMMISSARYLOG OF PROBE HOLE
B-5

| | | | |
|------------------|----------------------|------------------|-----------------------|
| PROJECT NUMBER | 600210016 | PROFESSIONAL | Mack D. Moncus |
| LOCATION | Montgomery, Alabama | DATE(S) DRILLED | 6/24/2010 - 6/24/2010 |
| DRILLING COMPANY | Plains Environmental | GROUND ELEVATION | |
| DRILLER | Bobby Couch | DEPTH TO WATER | |
| DRILLING METHOD | Geoprobe | WATER ELEVATION | |
| REMARKS | | | |

| DEPTH (feet) | GRAPHIC LOG | U.S.C.S. | SAMPLE | | | LITHOLOGIC DESCRIPTION | WATER LEVEL & DATE | REMARKS |
|----------------------------------|----------------|----------|--------------------|---------------|--------------|--|-----------------------------|---------|
| | | | INTERVAL (feet) | % RECOVERY | PID (ppm) | | | |
| 5 | | CL | 0 - 5 | | | Concrete surface, then SANDY CLAY, red (10R 4/8) CLAYEY SAND, very dark brown (10YR 2/2) | | |
| | | | 5 - 10 | | | CLAYEY SAND, light yellowish brown (10YR 6/4) | | |
| | | | 10 - 12 | | | CLAYEY SAND, yellowish red (10YR 5/8), moist | | |
| | | | | | | CLAYEY SAND (coarse grained), light yellowish brown (10YR 6/4) with quartz gravel (1/4"-1/2"), moist | | |
| PROBEHOLE TERMINATED AT 12 FEET. | | | | | | | | |



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LIBERTY CONSTRUCTION CO., INC.
GUNTER COMMISSARYLOG OF PROBE HOLE
B-6

| | | | |
|------------------|----------------------|------------------|-----------------------|
| PROJECT NUMBER | 600210016 | PROFESSIONAL | Mack D. Moncus |
| LOCATION | Montgomery, Alabama | DATE(S) DRILLED | 6/24/2010 - 6/24/2010 |
| DRILLING COMPANY | Plains Environmental | GROUND ELEVATION | |
| DRILLER | Bobby Couch | DEPTH TO WATER | |
| DRILLING METHOD | Geoprobe | WATER ELEVATION | |
| REMARKS | | | |

| DEPTH (feet) | GRAPHIC LOG | U.S.C.S. | SAMPLE | | | LITHOLOGIC DESCRIPTION | WATER LEVEL & DATE | REMARKS |
|-----------------|----------------|----------|--------------------|---------------|--------------|--|-----------------------------|---------|
| | | | INTERVAL (feet) | % RECOVERY | PID (ppm) | | | |
| 0 - 5 | | CL | | | | Concrete surface, then SANDY CLAY, strong brown (7.5YR 4/6) | | |
| 5 - 10 | | SC | | | | SANDY CLAY, yellowish red (5YR 5/8) with trace quartz gravel (1/2"-3/4") | | |
| 10 - 12 | | | | | | SAND, yellow (10YR 7/8) with 25-30% quartz gravel (1/2"-3/4"), moist | | |
| | | | | | | PROBEHOLE TERMINATED AT 12 FEET. | | |

APPENDIX C
TABULATED SOIL ANALYTICAL DATA

Table 1 Soil Analytical Summary; Gunter Commissary; Gunter Air Force Base; Montgomery, Montgomery County, Alabama; TTL Project Number: 600210-016

| Probehole Identifier | Depth of Sample | Date Collected | PARAMETERS ANALYZED | | | | |
|---|-----------------------|----------------|---------------------|-------------|---------------|---------------|---------------------|
| | | | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Total Detected BTEX |
| [Concentrations are in milligrams per kilogram] | | | | | | | |
| | Commercial ISL | | 0.00845 | 3.60 | 3.61 | 0.624 | 4.43 |
| | Commercial PSV | | 1.40 | 520 | 400 | 420 | 800 |
| B-1 | 4 | 6/24/10 | <0.0011 | 0.0018J | <0.0009 | <0.0029 | 0.0018J |
| | 8 | 6/24/10 | <0.0011 | <0.0013 | <0.0010 | <0.0030 | --- |
| | 12 | 6/24/10 | <0.0012 | <0.0014 | <0.0011 | <0.0033 | --- |
| B-2 | 4 | 6/24/10 | <0.0011 | <0.0012 | <0.0009 | <0.0029 | --- |
| | 8 | 6/24/10 | <0.0011 | <0.0013 | <0.0010 | <0.0031 | --- |
| | 12 | 6/24/10 | <0.0012 | <0.0013 | <0.0010 | <0.0032 | --- |
| B-3 | 4 | 6/24/10 | <0.0011 | 0.0031J | <0.0009 | <0.0029 | 0.0031J |
| | 8 | 6/24/10 | <0.0012 | <0.0014 | <0.0011 | <0.0034 | --- |
| | 12 | 6/24/10 | <0.0013 | <0.0014 | <0.0011 | <0.0034 | --- |
| B-4 | 4 | 6/24/10 | <0.0011 | 0.0029J | <0.0010 | <0.0030 | 0.0029J |
| | 8 | 6/24/10 | <0.0013 | 0.0030J | <0.0011 | <0.0035 | 0.0030J |
| | 12 | 6/24/10 | <0.0013 | 0.0020J | <0.0011 | <0.0034 | 0.0020J |
| B-5 | 4 | 6/24/10 | <0.0011 | 0.0022J | <0.0009 | <0.0029 | 0.0022J |
| | 8 | 6/24/10 | <0.0011 | 0.0017J | <0.0009 | <0.0029 | 0.0017J |
| | 12 | 6/24/10 | <0.0012 | 0.0023J | <0.0010 | <0.0032 | 0.0023J |
| B-6 | 4 | 6/24/10 | <0.0011 | 0.0022J | <0.0009 | <0.0029 | 0.0022J |
| | 8 | 6/24/10 | <0.0010 | 0.0031J | <0.0009 | <0.0028 | 0.0031J |
| | 12 | 6/24/10 | <0.0012 | 0.0031J | <0.0010 | <0.0032 | 0.0031J |

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

ISL - Initial screening level (ADEM, November 2001)

PSV - Preliminary screening Level (ADEM, April 2008)

J - Analyte detected below quantitation limits

APPENDIX D
LABORATORY REPORT



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3516 Greensboro Avenue
P O Drawer 1128 (35403)
Tuscaloosa, AL 35401

205.345.0816 tel
205.343.0635 fax
www.TTLINC.com

Date: 02-Jul-10

CLIENT: Liberty Construction **Lab Order:** 100624046
Project: Gunter Commissary - 600210016

Lab ID: 100624046-001 **Collection Date:** 06/24/2010 11:25

Client Sample ID: B-1 (4ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0050 | 0.0011 | | mg/Kg-dr | 0.18 | 06/25/2010 16:31 |
| Toluene | 0.0018 | 0.0050 | 0.0012 | J | mg/Kg-dr | 0.18 | 06/25/2010 16:31 |
| Ethylbenzene | ND | 0.0050 | 0.0009 | | mg/Kg-dr | 0.18 | 06/25/2010 16:31 |
| m,p-Xylene | ND | 0.0050 | 0.0019 | | mg/Kg-dr | 0.18 | 06/25/2010 16:31 |
| o-Xylene | ND | 0.0050 | 0.0010 | | mg/Kg-dr | 0.18 | 06/25/2010 16:31 |

Lab ID: 100624046-002 **Collection Date:** 06/24/2010 11:33

Client Sample ID: B-1 (8ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|-----|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0053 | 0.0011 | | mg/Kg-dr | 0.2 | 06/25/2010 17:03 |
| Toluene | ND | 0.0053 | 0.0013 | | mg/Kg-dr | 0.2 | 06/25/2010 17:03 |
| Ethylbenzene | ND | 0.0053 | 0.0010 | | mg/Kg-dr | 0.2 | 06/25/2010 17:03 |
| m,p-Xylene | ND | 0.0053 | 0.0020 | | mg/Kg-dr | 0.2 | 06/25/2010 17:03 |
| o-Xylene | ND | 0.0053 | 0.0010 | | mg/Kg-dr | 0.2 | 06/25/2010 17:03 |

Lab ID: 100624046-003 **Collection Date:** 06/24/2010 11:36

Client Sample ID: B-1 (12ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0058 | 0.0012 | | mg/Kg-dr | 0.21 | 06/25/2010 17:35 |
| Toluene | ND | 0.0058 | 0.0014 | | mg/Kg-dr | 0.21 | 06/25/2010 17:35 |
| Ethylbenzene | ND | 0.0058 | 0.0011 | | mg/Kg-dr | 0.21 | 06/25/2010 17:35 |
| m,p-Xylene | ND | 0.0058 | 0.0022 | | mg/Kg-dr | 0.21 | 06/25/2010 17:35 |
| o-Xylene | ND | 0.0058 | 0.0011 | | mg/Kg-dr | 0.21 | 06/25/2010 17:35 |

Steve C. Martin, Chemist

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at or above the Method Detection Limit
X %D Exceeds limits

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Tuscaloosa, AL 35401

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Date: 02-Jul-10

CLIENT: Liberty Construction **Lab Order:** 100624046
Project: Gunter Commissary - 600210016

Lab ID: 100624046-004 **Collection Date:** 06/24/2010 11:07

Client Sample ID: B-2 (4ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0050 | 0.0011 | | mg/Kg-dr | 0.18 | 06/25/2010 18:06 |
| Toluene | ND | 0.0050 | 0.0012 | | mg/Kg-dr | 0.18 | 06/25/2010 18:06 |
| Ethylbenzene | ND | 0.0050 | 0.0009 | | mg/Kg-dr | 0.18 | 06/25/2010 18:06 |
| m,p-Xylene | ND | 0.0050 | 0.0019 | | mg/Kg-dr | 0.18 | 06/25/2010 18:06 |
| o-Xylene | ND | 0.0050 | 0.0010 | | mg/Kg-dr | 0.18 | 06/25/2010 18:06 |

Lab ID: 100624046-005 **Collection Date:** 06/24/2010 11:13

Client Sample ID: B-2 (8ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0054 | 0.0011 | | mg/Kg-dr | 0.20 | 06/25/2010 18:38 |
| Toluene | ND | 0.0054 | 0.0013 | | mg/Kg-dr | 0.20 | 06/25/2010 18:38 |
| Ethylbenzene | ND | 0.0054 | 0.0010 | | mg/Kg-dr | 0.20 | 06/25/2010 18:38 |
| m,p-Xylene | ND | 0.0054 | 0.0020 | | mg/Kg-dr | 0.20 | 06/25/2010 18:38 |
| o-Xylene | ND | 0.0054 | 0.0011 | | mg/Kg-dr | 0.20 | 06/25/2010 18:38 |

Lab ID: 100624046-006 **Collection Date:** 06/24/2010 11:21

Client Sample ID: B-2 (12ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0056 | 0.0012 | | mg/Kg-dr | 0.20 | 06/25/2010 19:10 |
| Toluene | ND | 0.0056 | 0.0013 | | mg/Kg-dr | 0.20 | 06/25/2010 19:10 |
| Ethylbenzene | ND | 0.0056 | 0.0010 | | mg/Kg-dr | 0.20 | 06/25/2010 19:10 |
| m,p-Xylene | ND | 0.0056 | 0.0021 | | mg/Kg-dr | 0.20 | 06/25/2010 19:10 |
| o-Xylene | ND | 0.0056 | 0.0011 | | mg/Kg-dr | 0.20 | 06/25/2010 19:10 |

Steve C. Martin, Chemist

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at or above the Method Detection Limit
- X %D Exceeds limits



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Tuscaloosa, AL 35401

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205.343.0635 fax
www.TTLINC.com

Date: 02-Jul-10

CLIENT: Liberty Construction **Lab Order:** 100624046
Project: Gunter Commissary - 600210016

Lab ID: 100624046-007 **Collection Date:** 06/24/2010 10:27

Client Sample ID: B-3 (4ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0050 | 0.0011 | | mg/Kg-dr | 0.18 | 06/25/2010 19:42 |
| Toluene | 0.0031 | 0.0050 | 0.0012 | J | mg/Kg-dr | 0.18 | 06/25/2010 19:42 |
| Ethylbenzene | ND | 0.0050 | 0.0009 | | mg/Kg-dr | 0.18 | 06/25/2010 19:42 |
| m,p-Xylene | ND | 0.0050 | 0.0019 | | mg/Kg-dr | 0.18 | 06/25/2010 19:42 |
| o-Xylene | ND | 0.0050 | 0.0010 | | mg/Kg-dr | 0.18 | 06/25/2010 19:42 |

Lab ID: 100624046-008 **Collection Date:** 06/24/2010 10:33

Client Sample ID: B-3 (8ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0059 | 0.0012 | | mg/Kg-dr | 0.21 | 06/25/2010 20:14 |
| Toluene | ND | 0.0059 | 0.0014 | | mg/Kg-dr | 0.21 | 06/25/2010 20:14 |
| Ethylbenzene | ND | 0.0059 | 0.0011 | | mg/Kg-dr | 0.21 | 06/25/2010 20:14 |
| m,p-Xylene | ND | 0.0059 | 0.0022 | | mg/Kg-dr | 0.21 | 06/25/2010 20:14 |
| o-Xylene | ND | 0.0059 | 0.0012 | | mg/Kg-dr | 0.21 | 06/25/2010 20:14 |

Lab ID: 100624046-009 **Collection Date:** 06/24/2010 10:41

Client Sample ID: B-3 (12ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0060 | 0.0013 | | mg/Kg-dr | 0.21 | 06/25/2010 20:46 |
| Toluene | ND | 0.0060 | 0.0014 | | mg/Kg-dr | 0.21 | 06/25/2010 20:46 |
| Ethylbenzene | ND | 0.0060 | 0.0011 | | mg/Kg-dr | 0.21 | 06/25/2010 20:46 |
| m,p-Xylene | ND | 0.0060 | 0.0022 | | mg/Kg-dr | 0.21 | 06/25/2010 20:46 |
| o-Xylene | ND | 0.0060 | 0.0012 | | mg/Kg-dr | 0.21 | 06/25/2010 20:46 |

Steve C. Martin, Chemist

| | | | | |
|--------------------|---|---|-----------|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level | B | Analyte detected in the associated Method Blank |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | ND | Not Detected at or above the Method Detection Limit |
| | S | Spike Recovery outside accepted recovery limits | X | %D Exceeds limit |



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| | | | |
|-----------------|-------------------------------|-------------------|-----------|
| CLIENT: | Liberty Construction | Lab Order: | 100624046 |
| Project: | Gunter Commissary - 600210016 | | |

| | | | |
|----------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-010 | Collection Date: | 06/24/2010 10:05 |
|----------------|---------------|-------------------------|------------------|

| | | | |
|--------------------------|-----------|----------------|-------|
| Client Sample ID: | B-4 (4ft) | Matrix: | Solid |
|--------------------------|-----------|----------------|-------|

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|---------------|--------------|------------|-------------|--------------|-----------|----------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0053 | 0.0011 | | mg/Kg-dr | 0.19 | 06/25/2010 21:17 |
| Toluene | 0.0029 | 0.0053 | 0.0013 | J | mg/Kg-dr | 0.19 | 06/25/2010 21:17 |
| Ethylbenzene | ND | 0.0053 | 0.0010 | | mg/Kg-dr | 0.19 | 06/25/2010 21:17 |
| m,p-Xylene | ND | 0.0053 | 0.0020 | | mg/Kg-dr | 0.19 | 06/25/2010 21:17 |
| o-Xylene | ND | 0.0053 | 0.0010 | | mg/Kg-dr | 0.19 | 06/25/2010 21:17 |

| | | | |
|----------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-011 | Collection Date: | 06/24/2010 10:08 |
|----------------|---------------|-------------------------|------------------|

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|--------------------------|-----------|----------------|-------|
| Client Sample ID: | B-4 (8ft) | Matrix: | Solid |
|--------------------------|-----------|----------------|-------|

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|---------------|--------------|------------|-------------|--------------|-----------|----------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0062 | 0.0013 | | mg/Kg-dr | 0.21 | 06/25/2010 21:49 |
| Toluene | 0.0030 | 0.0062 | 0.0015 | J | mg/Kg-dr | 0.21 | 06/25/2010 21:49 |
| Ethylbenzene | ND | 0.0062 | 0.0011 | | mg/Kg-dr | 0.21 | 06/25/2010 21:49 |
| m,p-Xylene | ND | 0.0062 | 0.0023 | | mg/Kg-dr | 0.21 | 06/25/2010 21:49 |
| o-Xylene | ND | 0.0062 | 0.0012 | | mg/Kg-dr | 0.21 | 06/25/2010 21:49 |

| | | | |
|----------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-012 | Collection Date: | 06/24/2010 10:15 |
|----------------|---------------|-------------------------|------------------|

| | | | |
|--------------------------|------------|----------------|-------|
| Client Sample ID: | B-4 (12ft) | Matrix: | Solid |
|--------------------------|------------|----------------|-------|

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|---------------|--------------|------------|-------------|--------------|-----------|----------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0059 | 0.0013 | | mg/Kg-dr | 0.21 | 06/25/2010 22:21 |
| Toluene | 0.0020 | 0.0059 | 0.0014 | J | mg/Kg-dr | 0.21 | 06/25/2010 22:21 |
| Ethylbenzene | ND | 0.0059 | 0.0011 | | mg/Kg-dr | 0.21 | 06/25/2010 22:21 |
| m,p-Xylene | ND | 0.0059 | 0.0022 | | mg/Kg-dr | 0.21 | 06/25/2010 22:21 |
| o-Xylene | ND | 0.0059 | 0.0012 | | mg/Kg-dr | 0.21 | 06/25/2010 22:21 |

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Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at or above the Method Detection Limit
- X %D Exceeds limits

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Date: 02-Jul-10

CLIENT: Liberty Construction **Lab Order:** 100624046
Project: Gunter Commissary - 600210016

Lab ID: 100624046-013 **Collection Date:** 06/24/2010 9:28

Client Sample ID: B-5 (4ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0051 | 0.0011 | | mg/Kg-dr | 0.18 | 06/25/2010 22:53 |
| Toluene | 0.0022 | 0.0051 | 0.0012 | J | mg/Kg-dr | 0.18 | 06/25/2010 22:53 |
| Ethylbenzene | ND | 0.0051 | 0.0009 | | mg/Kg-dr | 0.18 | 06/25/2010 22:53 |
| m,p-Xylene | ND | 0.0051 | 0.0019 | | mg/Kg-dr | 0.18 | 06/25/2010 22:53 |
| o-Xylene | ND | 0.0051 | 0.0010 | | mg/Kg-dr | 0.18 | 06/25/2010 22:53 |

Lab ID: 100624046-014 **Collection Date:** 06/24/2010 9:35

Client Sample ID: B-5 (8ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0050 | 0.0011 | | mg/Kg-dr | 0.18 | 06/25/2010 23:25 |
| Toluene | 0.0017 | 0.0050 | 0.0012 | J | mg/Kg-dr | 0.18 | 06/25/2010 23:25 |
| Ethylbenzene | ND | 0.0050 | 0.0009 | | mg/Kg-dr | 0.18 | 06/25/2010 23:25 |
| m,p-Xylene | ND | 0.0050 | 0.0019 | | mg/Kg-dr | 0.18 | 06/25/2010 23:25 |
| o-Xylene | ND | 0.0050 | 0.0010 | | mg/Kg-dr | 0.18 | 06/25/2010 23:25 |

Lab ID: 100624046-015 **Collection Date:** 06/24/2010 9:43

Client Sample ID: B-5 (12ft) **Matrix:** Solid

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|--------|--------|--------|------|----------|------|------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0057 | 0.0012 | | mg/Kg-dr | 0.20 | 06/25/2010 23:57 |
| Toluene | 0.0023 | 0.0057 | 0.0013 | J | mg/Kg-dr | 0.20 | 06/25/2010 23:57 |
| Ethylbenzene | ND | 0.0057 | 0.0010 | | mg/Kg-dr | 0.20 | 06/25/2010 23:57 |
| m,p-Xylene | ND | 0.0057 | 0.0021 | | mg/Kg-dr | 0.20 | 06/25/2010 23:57 |
| o-Xylene | ND | 0.0057 | 0.0011 | | mg/Kg-dr | 0.20 | 06/25/2010 23:57 |



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Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at or above the Method Detection Limit
X %D Exceeds limits

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| CLIENT: | Liberty Construction | Lab Order: | 100624046 |
| Project: | Gunter Commissary - 600210016 | | |

| | | | |
|----------------|---------------|-------------------------|-----------------|
| Lab ID: | 100624046-016 | Collection Date: | 06/24/2010 9:05 |
|----------------|---------------|-------------------------|-----------------|

| | | | |
|--------------------------|-----------|----------------|-------|
| Client Sample ID: | B-6 (4ft) | Matrix: | Solid |
|--------------------------|-----------|----------------|-------|

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|---------------|--------------|------------|-------------|--------------|-----------|----------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0050 | 0.0011 | | mg/Kg-dr | 0.18 | 06/26/2010 0:28 |
| Toluene | 0.0022 | 0.0050 | 0.0012 | J | mg/Kg-dr | 0.18 | 06/26/2010 0:28 |
| Ethylbenzene | ND | 0.0050 | 0.0009 | | mg/Kg-dr | 0.18 | 06/26/2010 0:28 |
| m,p-Xylene | ND | 0.0050 | 0.0019 | | mg/Kg-dr | 0.18 | 06/26/2010 0:28 |
| o-Xylene | ND | 0.0050 | 0.0010 | | mg/Kg-dr | 0.18 | 06/26/2010 0:28 |

| | | | |
|----------------|---------------|-------------------------|-----------------|
| Lab ID: | 100624046-017 | Collection Date: | 06/24/2010 9:13 |
|----------------|---------------|-------------------------|-----------------|

| | | | |
|--------------------------|-----------|----------------|-------|
| Client Sample ID: | B-6 (8ft) | Matrix: | Solid |
|--------------------------|-----------|----------------|-------|

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|---------------|--------------|------------|-------------|--------------|-----------|----------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0049 | 0.0010 | | mg/Kg-dr | 0.17 | 06/26/2010 1:00 |
| Toluene | 0.0031 | 0.0049 | 0.0012 | J | mg/Kg-dr | 0.17 | 06/26/2010 1:00 |
| Ethylbenzene | ND | 0.0049 | 0.0009 | | mg/Kg-dr | 0.17 | 06/26/2010 1:00 |
| m,p-Xylene | ND | 0.0049 | 0.0018 | | mg/Kg-dr | 0.17 | 06/26/2010 1:00 |
| o-Xylene | ND | 0.0049 | 0.0010 | | mg/Kg-dr | 0.17 | 06/26/2010 1:00 |

| | | | |
|----------------|---------------|-------------------------|-----------------|
| Lab ID: | 100624046-018 | Collection Date: | 06/24/2010 9:18 |
|----------------|---------------|-------------------------|-----------------|

| | | | |
|--------------------------|------------|----------------|-------|
| Client Sample ID: | B-6 (12ft) | Matrix: | Solid |
|--------------------------|------------|----------------|-------|

| Analyses | Result | Limit | MDL | Qual | Units | DF | Date Analyzed |
|---------------------------|---------------|--------------|------------|-------------|--------------|-----------|----------------------|
| VOLATILES BY GC/MS | | | | | | | |
| Benzene | ND | 0.0055 | 0.0012 | | mg/Kg-dr | 0.20 | 06/26/2010 1:32 |
| Toluene | 0.0031 | 0.0055 | 0.0013 | J | mg/Kg-dr | 0.20 | 06/26/2010 1:32 |
| Ethylbenzene | ND | 0.0055 | 0.0010 | | mg/Kg-dr | 0.20 | 06/26/2010 1:32 |
| m,p-Xylene | ND | 0.0055 | 0.0021 | | mg/Kg-dr | 0.20 | 06/26/2010 1:32 |
| o-Xylene | ND | 0.0055 | 0.0011 | | mg/Kg-dr | 0.20 | 06/26/2010 1:32 |

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| | | |
|--------------------|--|--|
| Qualifiers: | <ul style="list-style-type: none"> * Value exceeds Maximum Contaminant Level E Value above quantitation range J Analyte detected below quantitation limits S Spike Recovery outside accepted recovery limits | <ul style="list-style-type: none"> B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at or above the Method Detection Limit X %D Exceeds limits |
|--------------------|--|--|



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| CLIENT: | Liberty Construction | Lab Order: | 100624046 |
| Project: | Gunter Commissary - 600210016 | | |

| | | | |
|--------------------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-001 | Collection Date: | 06/24/2010 11:25 |
| Client Sample ID: | B-1 (4ft) | Matrix: | Solid |

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|--------------------------------|-----------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) 06/29/2010 7:34 | | |
| Lead | 10.3 | 1.00 | mg/Kg | 1 | 06/29/2010 14:30 |

| | | | |
|--------------------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-002 | Collection Date: | 06/24/2010 11:33 |
| Client Sample ID: | B-1 (8ft) | Matrix: | Solid |

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|--------------------------------|-----------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) 06/29/2010 7:34 | | |
| Lead | 17.0 | 1.00 | mg/Kg | 1 | 06/29/2010 14:30 |

| | | | |
|--------------------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-003 | Collection Date: | 06/24/2010 11:36 |
| Client Sample ID: | B-1 (12ft) | Matrix: | Solid |

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|--------------------------------|-----------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) 06/29/2010 7:34 | | |
| Lead | 9.80 | 1.00 | mg/Kg | 1 | 06/29/2010 14:30 |

| | | | |
|--------------------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-004 | Collection Date: | 06/24/2010 11:07 |
| Client Sample ID: | B-2 (4ft) | Matrix: | Solid |

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|--------------------------------|-----------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) 06/29/2010 7:34 | | |
| Lead | 10.3 | 1.00 | mg/Kg | 1 | 06/29/2010 14:30 |

| | | | |
|--------------------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-005 | Collection Date: | 06/24/2010 11:13 |
| Client Sample ID: | B-2 (8ft) | Matrix: | Solid |

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|--------------------------------|-----------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) 06/29/2010 7:34 | | |
| Lead | 7.34 | 1.00 | mg/Kg | 1 | 06/29/2010 14:30 |

Page 1 of 4

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| Project: | Gunter Commissary - 600210016 | | |

| | | | |
|--------------------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-006 | Collection Date: | 06/24/2010 11:21 |
| Client Sample ID: | B-2 (12ft) | Matrix: | Solid |

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|----------------------|-----------------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) mg/Kg | 06/29/2010 7:34 | Analyst: JTR |
| Lead | 6.66 | 1.00 | | 1 | 06/29/2010 14:30 |

| | | | |
|--------------------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-007 | Collection Date: | 06/24/2010 10:27 |
| Client Sample ID: | B-3 (4ft) | Matrix: | Solid |

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|----------------------|-----------------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) mg/Kg | 06/29/2010 7:34 | Analyst: JTR |
| Lead | 7.82 | 1.00 | | 1 | 06/29/2010 14:30 |

| | | | |
|--------------------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-008 | Collection Date: | 06/24/2010 10:33 |
| Client Sample ID: | B-3 (8ft) | Matrix: | Solid |

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|----------------------|-----------------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) mg/Kg | 06/29/2010 7:34 | Analyst: JTR |
| Lead | 13.8 | 1.00 | | 1 | 06/29/2010 14:30 |

| | | | |
|--------------------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-009 | Collection Date: | 06/24/2010 10:41 |
| Client Sample ID: | B-3 (12ft) | Matrix: | Solid |

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|----------------------|-----------------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) mg/Kg | 06/29/2010 7:34 | Analyst: JTR |
| Lead | 7.17 | 1.00 | | 1 | 06/29/2010 14:30 |

| | | | |
|--------------------------|---------------|-------------------------|------------------|
| Lab ID: | 100624046-010 | Collection Date: | 06/24/2010 10:05 |
| Client Sample ID: | B-4 (4ft) | Matrix: | Solid |

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|----------------------|-----------------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) mg/Kg | 06/29/2010 7:34 | Analyst: JTR |
| Lead | 34.6 | 1.00 | | 1 | 06/29/2010 14:30 |

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| CLIENT: | Liberty Construction | | | Lab Order: | 100624046 |
|--------------------------------|-------------------------------|-------|------------------|-------------------------------------|----------------------------------|
| Project: | Gunter Commissary - 600210016 | | | | |
| Lab ID: | 100624046-011 | | | Collection Date: | 06/24/2010 10:08 |
| Client Sample ID: | B-4 (8ft) | | | Matrix: | Solid |
| Analyses | Result | Limit | Units | DF | Date Analyzed |
| PB IN SOILS AND SOLIDS Lead | 10.1 | 1.00 | SW6010B mg/Kg | Prep:(SW3050A) 06/29/2010 7:34 1 | Analyst: JTR 06/29/2010 14:30 |
| Lab ID: | 100624046-012 | | | Collection Date: | 06/24/2010 10:15 |
| Client Sample ID: | B-4 (12ft) | | | Matrix: | Solid |
| Analyses | Result | Limit | Units | DF | Date Analyzed |
| PB IN SOILS AND SOLIDS Lead | 7.88 | 1.00 | SW6010B mg/Kg | Prep:(SW3050A) 06/29/2010 7:34 1 | Analyst: JTR 06/29/2010 14:30 |
| Lab ID: | 100624046-013 | | | Collection Date: | 06/24/2010 9:28 |
| Client Sample ID: | B-5 (4ft) | | | Matrix: | Solid |
| Analyses | Result | Limit | Units | DF | Date Analyzed |
| PB IN SOILS AND SOLIDS Lead | 9.36 | 1.00 | SW6010B mg/Kg | Prep:(SW3050A) 06/29/2010 7:34 1 | Analyst: JTR 06/29/2010 14:30 |
| Lab ID: | 100624046-014 | | | Collection Date: | 06/24/2010 9:35 |
| Client Sample ID: | B-5 (8ft) | | | Matrix: | Solid |
| Analyses | Result | Limit | Units | DF | Date Analyzed |
| PB IN SOILS AND SOLIDS Lead | 6.29 | 1.00 | SW6010B mg/Kg | Prep:(SW3050A) 06/29/2010 7:34 1 | Analyst: JTR 06/29/2010 14:30 |
| Lab ID: | 100624046-015 | | | Collection Date: | 06/24/2010 9:43 |
| Client Sample ID: | B-5 (12ft) | | | Matrix: | Solid |
| Analyses | Result | Limit | Units | DF | Date Analyzed |
| PB IN SOILS AND SOLIDS Lead | 8.44 | 1.00 | SW6010B mg/Kg | Prep:(SW3050A) 06/29/2010 7:34 1 | Analyst: JTR 06/29/2010 14:30 |



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|-----------------|-------------------------------|-------------------|-----------|
| CLIENT: | Liberty Construction | Lab Order: | 100624046 |
| Project: | Gunter Commissary - 600210016 | | |

Lab ID: 100624046-016 **Collection Date:** 06/24/2010 9:05

Client Sample ID: B-6 (4ft) **Matrix:** Solid

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|----------------|-----------------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) | 06/29/2010 7:34 | Analyst: JTR |
| Lead | 9.28 | 1.00 | mg/Kg | 1 | 06/29/2010 14:30 |

Lab ID: 100624046-017 **Collection Date:** 06/24/2010 9:13

Client Sample ID: B-6 (8ft) **Matrix:** Solid

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|----------------|-----------------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) | 06/29/2010 7:34 | Analyst: JTR |
| Lead | 9.22 | 1.00 | mg/Kg | 1 | 06/29/2010 14:30 |

Lab ID: 100624046-018 **Collection Date:** 06/24/2010 9:18

Client Sample ID: B-6 (12ft) **Matrix:** Solid

| Analyses | Result | Limit | Units | DF | Date Analyzed |
|------------------------|---------------|--------------|----------------|-----------------|----------------------|
| PB IN SOILS AND SOLIDS | | SW6010B | Prep:(SW3050A) | 06/29/2010 7:34 | Analyst: JTR |
| Lead | 7.50 | 1.00 | mg/Kg | 1 | 06/29/2010 14:30 |



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Date: 02-Jul-10

CLIENT: Liberty Construction
Project: Gunter Commissary - 600210016
Lab Order: 100624046

CASE NARRATIVE

The samples were analyzed in general accordance with methods outlined in "Test Methods for Evaluating Solid Waste Physical/Chemical Methods", EPA, SW-846.

A numeric value in the Result column, with no corresponding flag, indicates a reportable concentration.

ND (Not Detected) indicates that the analyte could not be detected at or above the MDL (Method Detection Limit).

A "J" qualifier in the "Qual" column indicates the analyte was detected at or above the MDL but below the limit.

TTL WORK
ORDER NUMBER
100624046



Sheet _____ of _____

M.D.M.
Client: TTL, Inc. Liberty Construction
Contact: Mack D. Moncus
Mailing Address: 310 Bank St
City, State, Zip: Decatur AL 35601
Phone No.:
Date: 6-24-10
Sampled By: Mack D. Moncus
Sample Site: Gunter Commissary
TTL Job No.: 600210016 Client P.O. # _____

Chain of Custody Form

Sample Security Requirements

1. Condition of Contents: _____
2. Sealed for Shipping By: _____
3. Initial Contents Temp.: _____ °C Seal Applied Yes No
4. Sampling Status: Complete Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents: Clean
7. Comments: _____
8. Reporting Status: Routine; ASAP By _____ ; Rush By _____

| Date | Time | Sample ID/Description | Sample Type | Sample Method | | # of Containers | Preservatives | Analysis Parameters |
|---------|--------|-----------------------|-------------|---------------|------|-------------------|---------------|---------------------|
| | | | Solid, Etc. | Grab | Comp | | | |
| 6/24/10 | 1125 | B-1 4' | Solid | ✓ | | 3enocore Z-802 | - | BTEX / Lead |
| | 1133 | ↓ 8' | | | | | | |
| | 1136 | ↓ 12' | | | | | | |
| | 1107 | B-2 4' | | | | | | |
| | 1113 | ↓ 8' | | | | | | |
| | 1121 | ↓ 12' | | | | | | |
| | 1027 | B-3 4' | | | | | | |
| | 1033 | ↓ 8' | | | | | | |
| | ↓ 1041 | ↓ 12' | | | | | | |

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

Mack D. Moncus 6-24-10 1555

Received by (signed) Date/Time

1 _____

2 _____

3 _____

4 _____

SHIPPING DETAILS

Air Bill #: _____

Method of Shipment: _____

Received By Lab: _____

Date/Time: *7/24/10 15:55*

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 343-0609

TTL, Inc. - Montgomery Office: 3743 Gunter Park Drive West, Montgomery, Alabama 36109, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.



Sheet _____ of _____

MM
Client: TTL, Inc. Liberty Construction
Contact: Mack D. Moncus
Mailing Address: 310 Bank St
City, State, Zip: Decatur AL 35601
Phone No.:
Date: 6-24-10
Sampled By: Mack D. Moncus
Sample Site: Gunter Commissary
TTL Job No: 600210614 Client P.O. #

Chain of Custody Form

Sample Security Requirements

1. Condition of Contents:
2. Sealed for Shipping By:
3. Initial Contents Temp.: _____ °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes _____ No _____
6. Condition of Contents:
7. Comments: _____
8. Reporting Status: Routine; ASAP By _____; Rush By _____

| Date | Time | Sample ID/Description | Sample Type | Sample Method | | # of Containers | Preservatives | Analysis Parameters |
|---------|------|-----------------------|-------------|---------------|------|------------------|---------------|---------------------|
| | | | | Solid, Etc. | Grab | | | |
| 6/24/10 | 1005 | B-4 4' | Solid | ✓ | | benzene 2-802 | - | BTEX / Lead |
| | 1008 | ↓ 8' | | | | | | |
| | 1015 | ↓ 12' | | | | | | |
| | 0928 | B-5 4' | | | | | | |
| | 0935 | ↓ 8' | | | | | | |
| | 0943 | ↓ .2' | | | | | | |
| | 0905 | B-6 4' | | | | | | |
| | 0913 | ↓ 8' | | | | | | |
| | 0918 | ↓ 12' | | | | | | |

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 Mack D. M 6-24-10 1555

Received by (signed) Date/Time

1

2

2

3

3

4

4

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab:

Date/Time

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