APPENDIX 6

SCRUB AND PUB (H) – 1917 CAMANCHE AVENUE, CLINTON

PHOTOS, MAPS, TABLES, WELL LOGS/WELL CONSTRUCTION DIAGRAMS, & ANALYTICAL DATA SHEETS
Scrub and Pub Property, 1917 Camanche Avenue
<table>
<thead>
<tr>
<th>WELL/ BH LABEL</th>
<th>DATE</th>
<th>SOIL/GW</th>
<th>BENZENE</th>
<th>TOLUENE</th>
<th>ETHYLBENZENE</th>
<th>XYLENE</th>
<th>TEH-DIESEL</th>
<th>TEB-WASTE OIL</th>
<th>MTBE</th>
<th>GROUND SURFACE ELEVATION</th>
<th>TOC</th>
<th>TOS</th>
<th>SOIL SAMPLE DEPTH</th>
<th>WATER LEVEL</th>
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| MW1           | 10/6/2004 | GW      | <2      | <2      | <3          | <6    | <380       | <380          | <2    | 602.57                   | 602.16 | 595.16 | NA                  | 588.45       |
| MW2           | 10/6/2004 | GW      | <1      | <1      | <1          | <3   | <380       | <380          | <1    | 604.82                   | 604.5  | 597.5  | NA                  | 592.61       |
| MW3           | 10/6/2004 | GW      | <1      | <1      | <1          | <3   | <380       | 477           | <1    | 603.59                   | 603.21 | 596.21 | NA                  | 588.07       |
| MW3           | 11/16/2004| GW      | N       | N       | N           | N    | <380       | <380          | N     | 603.59                   | 603.21 | 596.21 | NA                  | 589.11       |

Soil Results: Units = mg/kg
Groundwater Results: Units = ug/L
**SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM**

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<thead>
<tr>
<th>Boring / Well Number: B1/MW1</th>
<th>Facility Name: Clinton UST Fields—Scrub and Pub</th>
<th>Facility Street Address: 1917 Camanche, Clinton, IA</th>
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</thead>
<tbody>
<tr>
<td>Boring Depth (ft) X Diameter (in): 17' x 4 3/4&quot;</td>
<td>Drilling Method: Hollow Stem Auger / Air Hammer</td>
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<tr>
<td>Well Contractor Name: Robinson Contracting, Inc /Geosource</td>
<td>Logged by: Todd Felderman</td>
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</tr>
<tr>
<td>Registration Number: 40617/1413</td>
<td>SENECOA</td>
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<table>
<thead>
<tr>
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<tr>
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<tr>
<td>Start Time: 3:15 pm</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
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<tr>
<td>Elevation (ASL): 602.16</td>
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<td>End Time: 3:00 PM</td>
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<tr>
<td>- 19</td>
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<tr>
<td>- 20</td>
<td>Well completed with 2&quot; SCH 40 PVC with 10-slot, 10' screen.</td>
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<table>
<thead>
<tr>
<th>Blow Count if applicable</th>
<th>Sample No.</th>
<th>Type*</th>
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<th>Rock Formations, Soil Color and Classifications, Observations (moisture, odor, etc.) First column for USCS</th>
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<tbody>
<tr>
<td>Surface Cover-Topsoil</td>
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<tr>
<td>CLJ 0'-2' Black Silty Clay</td>
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<tr>
<td>2-5' Yellow Layered Rock</td>
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<tr>
<td>5'-8' Soft Yellow Layered Rock, Dry no odor</td>
</tr>
<tr>
<td>Bedrock @ 8'</td>
</tr>
<tr>
<td>Soil Sample @ 8'</td>
</tr>
<tr>
<td>Well Set at 17'</td>
</tr>
<tr>
<td>7' Riser, 10' Screen</td>
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<tr>
<td>Soil Drilled to 8' 7/20/04</td>
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<tr>
<td>Bedrock drilled from 8' to 17' 9/15/04</td>
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* SS (split spoon)  HS (hollow stem auger)

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<td>Water Levels (ASL)</td>
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<td>Static Water Level Symbol v</td>
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DNR FORM 542-1392
# SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM

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<th>Facility Name: Clinton UST Fields—Scrub and Pub</th>
<th>Facility Street Address: 1917 Camanche, Clinton, IA</th>
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<td>Registration Number: 40617/1413</td>
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<td>Logged by: Todd Felderman</td>
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<table>
<thead>
<tr>
<th>Ground Surface</th>
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<td>Elevation (ASL): 604.82</td>
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<th>PID / FID Reading</th>
<th>Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS</th>
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<td>CLJ 2-3' Black Silty Clay</td>
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<td>Soil Sample @ 7'</td>
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<td>7' Riser, 10' Screen</td>
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<td>Well completed with 2' SCH 40 PVC with 10-slot, 10' screen.</td>
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*SS (split spoon)  HS (hollow stem auger)

# Observations

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<th>Water Levels (ASL)</th>
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DNR FORM 542-1392
## SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM

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<th>Boring / Well Number</th>
<th>Facility Name: Clinton UST Fields—Scrub and Pub</th>
<th>Facility Street Address: 1917 Camanche, Clinton, IA</th>
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<table>
<thead>
<tr>
<th>Boring Depth (ft) X Diameter (in):</th>
<th>Drilling Method: Hollow Stem Auger / Air Hammer</th>
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<td>17' x 4 ½&quot;</td>
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<table>
<thead>
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<th>Well Contractor Name: Robinson Contracting, Inc /Geosource</th>
<th>Logged by: Todd Felderman</th>
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<tr>
<td>Registration Number: 40617/1413</td>
<td>SENECA</td>
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<td>Elevation (ASL): 603.21</td>
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<th>Sample No.</th>
<th>Type*</th>
<th>PID / FID</th>
<th>Reading</th>
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- Well completed with 2" SCH 40 PVC with 10-slot, 10' screen.

- SS (split spoon)  HS (hollow stem auger)

* Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS

**Observations**

- Date: 10/06/2004
- Water Levels (ASL): Level: 588.07
- Static Water Level Symbol v
- Time: 10 AM

DNR FORM 542-1392
**SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM**

- **Boring / Well Number:** B2
- **Facility Name:** Clinton UST Fields—Scrub and Pub
- **Facility Street Address:** 1917 Camanche, Clinton, IA
- **Boring Depth (ft) X Diameter (in):** 7.5' x 8.25"
- **Drilling Method:** HSA
- **Well Contractor Name:** Robinson Contracting, Inc.
- **Logged by:** Todd Felderman
- **Registration Number:** 40617
- **Ground Surface Elevation (ASL):** N/A
- **Top of Casing Elevation (ASL):** N/A

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<th>Date</th>
<th>UST Number</th>
<th>LUST Number</th>
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* SS (split spoon)  HS (hollow stem auger)  HAG (hand auger grab)

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<th>Observations</th>
<th>Date: 7/20/04</th>
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<td>Water Levels (ASL)</td>
<td>Level: —</td>
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<tr>
<td>Static Water Level Symbol v</td>
<td>Time: —</td>
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**SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM**

- **Boring / Well Number:** B4
- **Facility Name:** Clinton UST Fields—Scrub and Pub
- **Facility Street Address:** 1917 Camanche, Clinton, IA
- **Boring Depth (ft) X Diameter (in):** 7' x 8.25" Drilling Method: HSA
- **Well Contractor Name:** Robinson Contracting, Inc.
- **Logged by:** Todd Felderman
- **Registration Number:** 40617

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<thead>
<tr>
<th>Ground Surface</th>
<th>Top of Casing</th>
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<tbody>
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<td>Elevation (ASL): N/A</td>
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<th>Date: 7/20/04 End Time: 5:15 pm</th>
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<th>LUST Number N/A</th>
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<th>Blow Count if applicable</th>
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</table>

- **Sample:** Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS

- **Observations:**
  - **Date:** 7/20/04
  - **Water Levels (ASL):** Level: –
  - **Static Water Level Symbol:** Time: –

* SS (split spoon)  HS (hollow stem auger)  HAG (hand auger grab)0

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<thead>
<tr>
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<tr>
<td>Static Water Level Symbol</td>
<td>Time: –</td>
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DNR FORM 542-1392
SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM

<table>
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<tr>
<th>Boring / Well Number: B5</th>
<th>Facility Name: Clinton UST Fields—Scrub and Pub</th>
<th>Facility Street Address: 1917 Camanche, Clinton, IA</th>
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</thead>
<tbody>
<tr>
<td>Boring Depth (ft) X Diameter (in): 7' x 8.25&quot;</td>
<td>Drilling Method: HSA</td>
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<tr>
<td>Well Contractor Name: Robinson Contracting, Inc.</td>
<td>Logged by: Todd Felderman</td>
<td></td>
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<tr>
<td>Registration Number: 40617</td>
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<table>
<thead>
<tr>
<th>Ground Surface</th>
<th>Top of Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevation (ASL): N/A</td>
<td>Elevation (ASL): N/A</td>
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<table>
<thead>
<tr>
<th>Date: 7/20/04</th>
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</tr>
</thead>
<tbody>
<tr>
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<table>
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<tr>
<th>Depth (feet)</th>
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<th>Blow Count if applicable</th>
<th>Sample No.</th>
<th>Type*</th>
<th>PID / FID Reading</th>
<th>Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS</th>
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<tbody>
<tr>
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<td>Surface Cover-Gravel</td>
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<tr>
<td>1</td>
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<td></td>
<td></td>
<td>MLJ 1-2' Black Silt, Dry, No odor</td>
</tr>
<tr>
<td>2</td>
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<td>SPJ 2-4' Sand</td>
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<td></td>
<td>CLJ 4-5' Brown Silty Clay,</td>
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<tr>
<td>4</td>
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<td></td>
<td></td>
<td>5-7' Yellow Rock, Layered, No Odor</td>
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<td>5</td>
<td>Monitoring Well Not Installed</td>
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<td>Bedrock @ 7'</td>
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<td>6</td>
<td>Boring Backfilled with Bentonite</td>
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<td>EOB= 7'</td>
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<td>HSA</td>
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* SS (split spoon)  HS (hollow stem auger)  HAG (hand auger grab)

Observations

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<th>Date:</th>
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<td>Water Levels (ASL)</td>
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<td>Static Water Level Symbol v</td>
<td>Time:</td>
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DNR FORM 542-1392
SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM

Boring / Well Number: B6
Facility Name: Clinton UST
Fields—Scrub and Pub
Facility Street Address: 1917
Camanche, Clinton, IA

Boring Depth (ft) X Diameter (in): 8' x 8.25"
Drilling Method: HSA

Well Contractor Name: Robinson Contracting, Inc.
Logged by: Todd Felderman
Registration Number: 40617

Ground Surface
Elevation (ASL): N/A

Top of Casing
Elevation (ASL): N/A

Date: 7/20/04
Date: 7/20/04

Start Time: 5:45 pm
End Time: 8:00 pm

UST
Number N/A

LUST
Number N/A

Depth (feet) | Well Construction Details | Blow Count if applicable | Sample No. | Type* | PID / FID Reading | Rock Formations, Soil Color and Classifications, Observations (moisture, odor, etc.) First column for USCS
--- | --- | --- | --- | --- | --- | ---
0 | Monitoring Well Not Installed | | | | | Surface Cover-Gravel
1 | | | | | | SP| 1-4' Sand
2 | | | | | | 4-5' Concrete
3 | | | | | | CLJ 5-7' Brown Silty Clay, no odor, damp
4 | | | | | | 5-8' Yellow Rock, Layered,
5 | | | | | | Bedrock @ 8'
6 | | | | | | EOB= 8'
7 | | | | | | Soil Sample @ 8'
8 | | | 1 | HSA | | |
9 | | | 0 | | | |
10 | | | 0 | | | |
11 | | | 0 | | | |
12 | | | 0 | | | |
13 | | | 0 | | | |
14 | | | 0 | | | |
15 | | | 0 | | | |
16 | | | 0 | | | |
17 | | | 0 | | | |

* SS (split spoon)  HS (hollow stem auger)  HAG (hand auger grab)

Observations
Date: 7/20/04
Water Levels (ASL)  Level: –
Static Water Level Symbol v  Time: –
# Soil Boring Log and Monitoring Well Construction Diagram

**Boring / Well Number:** B7  
**Facility Name:** Clinton UST Fields—Scrub and Pub  
**Facility Street Address:** 1917 Camanche, Clinton, IA

**Boring Depth (ft) X Diameter (in):** 7.5’ x 8.25”  
**Drilling Method:** HSA

**Well Contractor Name:** Robinson Contracting, Inc.  
**Logged by:** Todd Felderman

**Registration Number:** 40617

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<tr>
<th>Ground Surface</th>
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<td>End Time: 6:30 am</td>
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- **Surface Cover:** Concrete  
- **Rock Formations:** Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS

**Observations:**  
**Date:** 7/21/04  
**Water Levels (ASL):** Level: –  
**Static Water Level Symbol:** Time: –

---

* SS (split spoon)  
HS (hollow stem auger)  
HAG (hand auger grab)  

---

DNR FORM 542-1392
### SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM

<table>
<thead>
<tr>
<th>Boring / Well Number: B9</th>
<th>Facility Name: Clinton UST Fields—Scrub and Pub</th>
<th>Facility Street Address: 1917 Camanche, Clinton, IA</th>
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<tbody>
<tr>
<td>Boring Depth (ft) x Diameter (in): 10' x 8.25&quot;</td>
<td>Drilling Method: HSA</td>
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<td>Logged by: Todd Felderman</td>
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<td>Registration Number: 40617</td>
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#### Ground Surface

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#### Date

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#### Start Time

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#### Depth (feet)

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#### Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS

- Surface Cover-Concrete
- ML: 1-2' Sand/Silt Dry
- CL: 2-3' Black Silty Clay
- CL: 3-5' Dark Brown Silty Clay, no odor
- SP: 5-6' Sand
- CL: 6-8' Brown Silty Clay
- 8-10' Fractured yellow rock
- Bedrock @ 10'
- EOB = 10'
- Soil Sample @ 10'

**Observations**

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<tr>
<th>Observations</th>
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<tr>
<td>Static Water Level Symbol v</td>
<td>Time: --</td>
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**DNR FORM 542-1392**
SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM

Boring / Well Number: B10
Facility Name: Clinton UST Fields—Scrub and Pub
Facility Street Address: 1917 Camanche, Clinton, IA

Boring Depth (ft) x Diameter (in): 10' x 8.25"
Drilling Method: HSA

Well Contractor Name: Robinson Contracting, Inc.
Logged by: Todd Felderman
Registration Number: 40617

Ground Surface
Elevation (ASL): N/A

Top of Casing
Elevation (ASL): N/A

Date: 7/21/04
Date: 7/21/04
Start Time: 8:00 am
End Time: 8:30 am

UST
Number: N/A
LUST
Number: N/A

Depth (feet) | Well Construction Details | Blow Count if applicable | Sample No. Type* | PID / FID Reading | Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS

| 0 | Monitoring Well Not Installed | 0 | | |
| 1 | Boring Backfilled with Bentonite | 0 | | |
| 2 | | 0 | | |
| 3 | | 0 | | |
| 4 | | 0 | | |
| 5 | | 0 | | |
| 6 | | 0 | | |
| 7 | | 0 | | |
| 8 | | 0 | | |
| 9 | | 0 | | |
| 10 | | 1 | HSA | 0* |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |

* SS (split spoon)  HS (hollow stem auger)  HAG (hand auger grab)

Observations
Water Levels (ASL)
Static Water Level Symbol

Date: 7/21/04
Level: --
Time: --

DNR FORM 542-1392
**SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM**

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<th>Boring / Well Number: B11</th>
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<th>Facility Street Address: 1917 Camanche, Clinton, IA</th>
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<td>Boring Depth (ft) X Diameter (in): 8' x 8.25&quot;</td>
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<th>Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS</th>
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<td></td>
<td></td>
<td></td>
<td>ML1 1-2' Silt Dry</td>
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<td></td>
<td>CLJ 2-5' Dark Brown Silty Clay, no odor, damp</td>
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<td></td>
<td>5-8' Yellow rock, soft, no odor</td>
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<td>Bedrock @ 8'</td>
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<td>1</td>
<td>HSA</td>
<td>EOB = 8'</td>
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<td>Soil Sample @ 8'</td>
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* SS (split spoon)  HS (hollow stem auger)  HAG (hand auger grab)

<table>
<thead>
<tr>
<th>Observations</th>
<th>Date: 7/21/04</th>
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<tbody>
<tr>
<td>Water Levels (ASL)</td>
<td>Level: ~</td>
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<td>Static Water Level Symbol</td>
<td>Time: ~</td>
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## Soil Boring Log and Monitoring Well Construction Diagram

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<th>Boring / Well Number: B12</th>
<th>Facility Name: Clinton UST Fields—Scrub and Pub</th>
<th>Facility Street Address: 1917 Camanche, Clinton, IA</th>
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<tr>
<td>Boring Depth (ft) x Diameter (in): 7' x 8.25&quot;</td>
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<td>Well Contractor Name: Robinson Contracting, Inc.</td>
<td>Logged by: Todd Felderman</td>
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### Ground Surface Details

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<tbody>
<tr>
<td>Date: 7/21/04</td>
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### Well Construction Details

<table>
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<tr>
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<th>Well Construction Details</th>
<th>Blow Count if applicable</th>
<th>Sample No. Type*</th>
<th>PID / FID Reading</th>
<th>Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS</th>
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<td>Boring Backfilled with Bentonite</td>
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* SS (split spoon)  HS (hollow stem auger)  HAG (hand auger grab)*0

### Observations

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<td>Water Levels (ASL)</td>
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DNR FORM 542-1392
## SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM

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<td>Well Contractor Name: Robinson Contracting, Inc.</td>
<td>Registration Number: 40617</td>
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<td>Date: 7/21/04</td>
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<td>Start Time: 9:30 am</td>
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<th>Blow Count if applicable</th>
<th>Sample No.</th>
<th>Type*</th>
<th>PID / FID Reading</th>
<th>Rock Formations, Soil, Color and Classifications, Observations (moisture, odor, etc.) First column for USCS</th>
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* SS (split spoon)  HS (hollow stem auger)  HAG (hand auger grab)*

<table>
<thead>
<tr>
<th>Observations</th>
<th>Date: 7/21/04</th>
<th>Water Levels (ASL)</th>
<th>Level: –</th>
<th>Static Water Level Symbol ∨</th>
<th>Time: –</th>
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</thead>
</table>

**DNR FORM 542-1392**
Susan Frett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
08/02/2004  

TestAmerica Job: 04.09865  

Project Number: 6246500  
Project: Clinton UST - Scrub & Pub  

Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Cedar Falls Division of TestAmerica, Inc. for analysis.

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<th>Sample Number</th>
<th>Sample Description</th>
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<th>Date Received</th>
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<td>813333</td>
<td>B3 6'</td>
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<td>813334</td>
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<td>813335</td>
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<td>813336</td>
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<td>813338</td>
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The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Shawn Hayes  
Project Manager  

www.testamericainc.com  
TestAmerica Analytical Testing Corporation | TestAmerica Drilling Corporation | TestAmerica Air Emission Corporation
Susan Frett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900

08/02/2004  
Job Number: 04.09865  
Sample Number: 813331

Collected by: Todd Felderman  
Collectors Phone No.: 800-269-3500

Job Description: CLINION USI - SCRUB & PUB 6246500  
Date Taken: 07/20/2004  
Date Received: 07/22/2004

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<td>nmk</td>
<td>07/21/2004 IA OA-1/8260B</td>
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<td>Benzene</td>
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EXTRACTABLE HYDROCARBONS-SOIL

| Total Extractable Hydrocarbons | <10 | mg/kg | amn | 07/20/2004 IA-0A2/S-8015 | 10 | SOIL   |
| Diesel                         | <10 | mg/kg | amn | 07/20/2004 IA-0A2/S-8015 | 10 | SOIL   |
| Gasoline                       | <10 | mg/kg | amn | 07/20/2004 IA-0A2/S-8015 | 10 | SOIL   |
| Motor Oil                      | <10 | mg/kg | amn | 07/20/2004 IA-0A2/S-8015 | 10 | SOIL   |

All results are calculated on a wet weight basis.
**ANALYTICAL REPORT**

Susan Frett  
SENeca EnviRoneMental Serv.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900

08/02/2004  
Job Number: 04.09865  
Sample Number: 813332

Collected by: Todd Folderman  
Collectors Phone No.: 800-369-3500  
Date Taken: 07/20/2004  
Date Received: 07/23/2004

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**EXTRACTABLE HYDROCARBONS-SOIL**

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All results are calculated on a wet weight basis.
### ANALYTICAL REPORT

**Susan Frett**  
**SENeca ENVIRONMENTAL SERV.**  
**17851 244th Avenue**  
**Bettendorf, IA 52722**  
**800-728-6900**

**08/02/2004**  
**Job Number:** 04.09865  
**Sample Number:** 813333

**Collected by:** Todd Felderman  
**Collectors Phone No:** 800-369-3500

**Job Description:** CLINION USI - SCRUB & PUB  
**Sample ID:** B3  
**Date Taken:** 07/20/2004

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All results are calculated on a wet weight basis.
## ANALYTICAL REPORT

Susan Frett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900  

08/02/2004  
Job Number: 04.09865  
Sample Number: 813334  

Collected by: Todd Felderman  
Collectors Phone No.: 800-369-3500  
Job Description: CLINcON USI - SCRUB & PUB  
Sample ID: B4  
Date Taken: 07/20/2004  
Date Received: 07/23/2004  

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All results are calculated on a wet weight basis.
**TestAmerica**  
**ANALYTICAL REPORT**

Susan Frett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900  

08/02/2004  
Job Number: 04.09865  
Sample Number: 813335

---

Collected by: Todd Felderman  
Collectors Phone No.: 800-369-3500  

Job Description: CLINTON USB - SCRUB & PUB  
Sample ID: B5  
Date Taken: 07/20/2004  
Date Received: 07/23/2004

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| EXTRACTABLE HYDROCARBONS-SOIL    |        |       |      |          |               |          |                  |        |
| Total Extractable Hydrocarbons   | <10    | mg/kg | ann  | 07/30/2004 | IA-0A7/8-8015 | 10       | SOIL             |        |
| Diesel                           | <10    | mg/kg | ann  | 07/30/2004 | IA-0A7/8-8015 | 10       | SOIL             |        |
| Gasoline                         | <10    | mg/kg | ann  | 07/30/2004 | IA-0A7/8-8015 | 10       | SOIL             |        |
| Motor Oil                         | <10    | mg/kg | ann  | 07/30/2004 | IA-0A7/8-8015 | 10       | SOIL             |        |

All results are calculated on a wet weight basis.
Susan Prett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900  

08/02/2004  
Job Number: 04.09865  
Sample Number: 813336  

Collected by: Todd Felderman  
Collectors Phone No: 800-369-3500  

Job Description: CLINTON US1 - SCRUB & PUB  
6246500  
Sample ID: B6 6'  

Date Taken: 07/20/2004  
Date Received: 07/23/2004  

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| EXTRACTABLE HYDROCARBONS - SOIL | | | | | | | | | |
| Total Extractable Hydrocarbons | <10 | mg/kg | ann | 07/31/2004 | IA-OA2/S-8015 | 10 | SOIL |
| Diesel | <10 | mg/kg | ann | 07/31/2004 | IA-OA2/S-8015 | 10 | SOIL |
| Gasoline | <10 | mg/kg | ann | 07/31/2004 | IA-OA2/S-8015 | 10 | SOIL |
| Motor Oil | <10 | mg/kg | ann | 07/31/2004 | IA-OA2/S-8015 | 10 | SOIL |

All results are calculated on a wet weight basis.
ANALYTICAL REPORT

Susan Frett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900

Job Number: 04.09865  
Sample Number: 813337

08/02/2004  

Collectors Phone No: 800-369-3500  

Job Description: CLINTON USI - SCRUB & PUB  
6246500

Sample ID: B7  

Date Taken: 07/21/2004  
Date Received: 07/23/2004

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EXTRACTABLE HYDROCARBONS-SOIL

Total Extractable Hydrocarbons | <10 | mg/kg | ljm  | 07/25/2004 | IA-OA2/S-8015 | 10 | SOIL     |
Diesel                         | <10 | mg/kg | ljm  | 07/25/2004 | IA-OA2/S-8015 | 10 | SOIL     |
Gasoline                       | <10 | mg/kg | ljm  | 07/25/2004 | IA-OA2/S-8015 | 10 | SOIL     |
Motor Oil                      | <10 | mg/kg | ljm  | 07/25/2004 | IA-OA2/S-8015 | 10 | SOIL     |

All results are calculated on a wet weight basis.
Susan Frett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900  

08/02/2004  
Job Number: 04.09865  
Sample Number: 813338  

Collected by: Todd Felderman  
Collectors Phone No.: 800-369-3500  

Job Description: CLINION USI - SCRUB & PUB  
Date Taken: 07/21/2004  
6246500  
Date Received: 07/23/2004  

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EXTRACTABLE HYDROCARBONS-SOIL  

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All results are calculated on a wet weight basis.
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**EXTRACTABLE HYDROCARBONS-SOIL**

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All results are calculated on a wet weight basis.
Susan Frett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900  

08/02/2004  
Job Number: 04.09865  
Sample Number: 813340  

Collectors Phone No: 800-369-3500  

Job Description: CLINN不只是 SCRUB & PUB  

Select ID: BI0 100  

Date Taken: 07/21/2004  
Date Received: 07/23/2004  

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| EXTRACTABLE HYDROCARBONS-SOIL | | | | | | | |
| Total Extractable Hydrocarbons | <10 | mg/kg | ljm | 07/30/2004 | IA-OA2/S-8015 | 10 | SOIL |
| Diesel | <10 | mg/kg | ljm | 07/30/2004 | IA-OA2/S-8015 | 10 | SOIL |
| Gasoline | <10 | mg/kg | ljm | 07/30/2004 | IA-OA2/S-8015 | 10 | SOIL |
| Motor Oil | <10 | mg/kg | ljm | 07/30/2004 | IA-OA2/S-8015 | 10 | SOIL |

All results are calculated on a wet weight basis.
## Analytical Report

**Susan Frett**  
**SENECA ENVIRONMENTAL SERV.**  
17851 244th Avenue  
**Bettendorf, IA 52722**  
**800-728-6900**  

**08/02/2004**  
**Job Number: 04.09865**  
**Sample Number: 813341**  

**Collected by:** Todd Felderman  
**Collectors Phone No.:** 800-369-3500  
**Date Taken:** 07/21/2004  
**Date Received:** 07/23/2004

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All results are calculated on a wet weight basis.
ANALYTICAL REPORT

Susan Prett
SENeca ENVIRONMENTAL SERV.
17851 244th Avenue
Bettendorf, IA 52722
800-728-6900

08/02/2004
Job Number: 04.09865
Sample Number: 813342

Collected by: Todd Felderman
Collectors Phone No: 800-369-3500

Job Description: CLINTON USI - SCRUB & PUB
6246500
Sample ID: 8126

Date Taken: 07/21/2004
Date Received: 07/23/2004

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EXTRACTABLE HYDROCARBONS-SOIL

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<td>10</td>
<td>SOIL</td>
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<tr>
<td>Motor Oil</td>
<td>&lt;10</td>
<td>mg/kg</td>
<td>ljn</td>
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<td>IA-OA2/S-8015</td>
<td>10</td>
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</tbody>
</table>

All results are calculated on a wet weight basis.
# ANALYTICAL REPORT

Susan Frett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900  

08/02/2004  
Job Number: 04 09865  
Sample Number: 813343

Collects by: Todd Felderman  
Collectors Phone No: 800-369-3500

Job Description: CLINTON USI - SCRUB & PUB  
6246500  
Date Taken: 07/21/2004  
Date Received: 07/23/2004

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EXTRACTABLE HYDROCARBONS - SOIL

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<td>IA-OA2/S-8015</td>
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<td>SOIL</td>
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All results are calculated on a wet weight basis.  
1 - ICS recovery is outside of control limits
TestAmerica Job Number: 04.09865

ATTACHMENTS

Following are the sample receipt log and the chain of custody applicable to this analytical report.

Any abnormalities or departures from sample acceptance policy shall be documented on the "Sample Receipt and Temperature Log Form" and Sample Non-Conformance Form" (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility please visit our website at www.TestAmericaInc.com.

This data has been produced in compliance with 2002 NELAC Standards (July 2004), except where noted.

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) and are sampled in accordance with TA-CF SOP CF09-01.

This report shall not be reproduced, except in full, without written approval of the laboratory.

For questions regarding this report, please contact the individual who signed the analytical report.
# Date Sampled | Time Sampled | # of containers shipped | Preservative | Matrix | Analyze For |
--- | --- | --- | --- | --- | --- |
B1 eS | 7/20 | 3:50 | 1 | X | | |
B3 e7 | 7/20 | 4:50 | 1 | X | | |
B3 e6 | 7/20 | 4:50 | 1 | X | | |
B4 e7 | 7/20 | 5:00 | 1 | X | | |
B5 e7 | 7/20 | 5:20 | 1 | X | | |
B2 eS | 7/20 | 6:50 | 1 | X | | |
B7 e7 | 7/21 | 6:50 | 1 | X | | |
B8 e7 | 7/21 | 7:50 | 1 | X | | |
B9 e10 | 7/21 | 8:00 | 1 | X | | |
B10 e10 | 7/21 | 8:50 | 1 | X | | |
B11 eS | 7/21 | 9:20 | 1 | X | | |
B12 e6 | 7/21 | 9:30 | 1 | X | | |

**NOTE:** All turn around times are calculated from the time of receipt at TestAmerica. 

**NOTICE:** Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

**NOTE:** There may be a charge assessed for TestAmerica disposing of sample remainder.

## Shipped Via

<table>
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**NOTE:** All turn around times are calculated from the time of receipt at TestAmerica.

**NOTICE:** Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

**NOTE:** There may be a charge assessed for TestAmerica disposing of sample remainder.

Reinquished by: [Signature]
Date: 7/23/04
Time: 7:30

Received for TestAmerica by: [Signature]
Date: 7/23/04
Time: 7:30

Temperature Upon Receipt: [Temperature]
Laboratory Comments: [Comments]
Mark Diehl  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  

10/19/2004  
TestAmerica Job: 04.14175

Project Number: 6246500  
Project: Clinton UST-Scub N Pub

Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Cedar Falls Division of TestAmerica, Inc. for analysis.

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The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

John R. Paulson  
Project Coordinator
analytical report

mark diehl  
seneca environmental serv.  
17851 244th avenue  
bettendorf, ia 52722  
800-728-6900  

10/19/2004  
job number: 04.14175  
sample number: 829620

collected by: mark diehl  
collectors phone no.: 800-389-3500  

job description: clinton usi-scrub n pub  
3246500  
sample id: mwi  
date taken: 10/06/2004  
date received: 10/08/2004

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exiraciable hydrocarbons - waiver

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all results are calculated on a wet weight basis.  
r - reporting limit elevated due to matrix interferences
## Analytical Report

**Mark Diehl**  
**SENeca ENVIRONMENTAL SERV.**  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900

---

**Job Number:** 04.14175  
**Sample Number:** 829621

---

**Collected by:** Mark Diehl  
**Collectors Phone No.:** 800-369-3500  
**Date Taken:** 10/06/2004  
**Date Received:** 10/08/2004

---

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**EXTRACIABLE HYDROCARBONS-WAER**

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All results are calculated on a wet weight basis.
Mark Diehl  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900  

10/19/2004  
Job Number: 04.14175  
Sample Number: 829622

Collected by: Mark Diehl  
Collectors Phone No : 800-369-3500  

Job Description: Clinton USI-SCRB N PUB  
3246500  
Date Taken: 10/06/2004  
Date Received: 10/08/2004

Sample ID: MW3

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EXITABLE HYDROCARBONS-WAER

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<td>ljm</td>
<td>10/18/2004</td>
<td>IAOA2/S-8015</td>
<td>380</td>
<td>WAER</td>
<td></td>
</tr>
<tr>
<td>Motor Oil</td>
<td>477</td>
<td>ug/l</td>
<td>ljm</td>
<td>10/18/2004</td>
<td>IAOA2/S-8015</td>
<td>380</td>
<td>WAER</td>
<td></td>
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<tr>
<td>VCA Preservation pH</td>
<td>&lt;2</td>
<td>units</td>
<td>sng</td>
<td>10/14/2004</td>
<td>SW 9041A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All results are calculated on a wet weight basis.

www.testamerica.com  IA USI LAB CERTIFICATION NO. 0007
TestAmerica Analytical Testing Corporation | TestAmerica Drilling Corporation | TestAmerica Air Emission Corporation
TestAmerica Job Number: 04.14175

ATTACHMENTS

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# TestAmerica

**ANALYTICAL TESTING CORPORATION**

Cedar Falls Division  
704 Enterprise Drive  
Cedar Falls, IA 50613  
Phone 319-277-2401 or 800-750-2401  
Fax 319-277-2425

**Client Name:** Seneca Environmental  
**Client #:**

**Address:** 12851 844th Ave  
**City/State/Zip Code:** Bettendorf, IA 52722

**Project Manager:** Mark Diehl

**Telephone Number:**

**Sampler Name:** Mark Diehl  
**Sampler Signature:** Mark Diehl

**Fax:**

**Site/Location ID:** Clinton  
**State:** IA

**Project Name:** Clinton UST - Secule w/ Pub  
**Project #:** 6346500

**Report To:** Mark Diehl  
**Invoice To:**  
**Quote #:** 181365

**Email Address:**

<table>
<thead>
<tr>
<th>TAT</th>
<th>Standard</th>
<th>Rush (surcharges may apply)</th>
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</thead>
<tbody>
<tr>
<td>Date Needed:</td>
<td></td>
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</tbody>
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<table>
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<tr>
<th>Fax Results</th>
<th>Email Results</th>
<th>SAMPLE ID</th>
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</thead>
<tbody>
<tr>
<td>Y/N</td>
<td>Y/N</td>
<td>MW1</td>
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<tr>
<td></td>
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<td>10/26/1</td>
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<td></td>
<td></td>
<td>6:20</td>
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<td></td>
<td></td>
<td>6</td>
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<td>CW</td>
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|             |               | MW2       |
|             |               | 10/6       |
|             |               | 8:55      |
|             |               | 6         |
|             |               | CW        |
|             |               | 3         |
|             |               | Y         |
|             |               | X         |
|             |               | X         |

|             |               | MW3       |
|             |               | 10/6       |
|             |               | 8:20      |
|             |               | 6         |
|             |               | CW        |
|             |               | 3         |
|             |               | Y         |
|             |               | X         |
|             |               | X         |

**Matrix**  
**Preservation & # of Containers**  
**Analyze For:**

**QC Deliverables:**

**REMARKS:**

**Special Instructions:**

**Laboratory Comments:**

**Relinquished By:** Signature  
**Date:** 10/7/94  
**Time:** 8:30  
**Received By:**  
**Date:**  
**Time:**

**Relinquished By:** Signature  
**Date:** 9/7/95  
**Time:** 7:30  
**Received By:**  
**Date:** 9/7/95  
**Time:**

**Relinquished By:** Signature  
**Date:**  
**Time:**

**Date:**  
**Time:**
Susan Frett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722

Project Number: 6246500  
Project: Scrub & Pub

Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Cedar Falls Division of TestAmerica, Inc. for analysis.

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Sample Description</th>
<th>Date Taken</th>
<th>Date Received</th>
</tr>
</thead>
</table>

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Shawn Hayes  
Project Manager
ANALYTICAL REPORT

Susan Frett  
SENeca ENVIRONMENTAL SERV.  
17851 244th Avenue  
Bettendorf, IA 52722  
800-728-6900

11/22/2004  
Job Number: 04.16323  
Sample Number: 837767

Collected by: Jacque Akers  
Collectors Phone No.: 800-369-3500  
Date Taken: 11/16/2004  
Date Received: 11/18/2004

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Flag</th>
<th>Analyst</th>
<th>Date Analyzed</th>
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<tr>
<td>Extractable Hydrocarbons</td>
<td>&lt;380</td>
<td>ug/l</td>
<td>ljm</td>
<td>acm</td>
<td>11/18/2004</td>
<td>IOWA-QA2</td>
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<td>WAIEr</td>
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<tr>
<td>Total Extractable Hydrocarbons</td>
<td>&lt;380</td>
<td>ug/l</td>
<td>ljm</td>
<td>acm</td>
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<td>IOWA-QA2/S-8015</td>
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<td>ljm</td>
<td>acm</td>
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<td>ljm</td>
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<td>WAIEr</td>
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<tr>
<td>Motor Oil</td>
<td>&lt;380</td>
<td>ug/l</td>
<td>ljm</td>
<td>acm</td>
<td>11/20/2004</td>
<td>IOWA-QA2/S-8015</td>
<td>380</td>
<td>WAIEr</td>
</tr>
</tbody>
</table>

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TestAmerica Job Number: 04.16323

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<table>
<thead>
<tr>
<th>Sample ID</th>
<th>Date Sampled</th>
<th>Time Sampled</th>
<th># of containers shipped</th>
<th>Grab</th>
<th>Composite</th>
<th>Field Filtered</th>
<th>Ice</th>
<th>Ethylenediaminetetraacetic Acid</th>
<th>Chlorine</th>
<th>Fluoride</th>
<th>Alkaline</th>
<th>Analyze For</th>
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<tr>
<td>MW 13</td>
<td>11-14-04</td>
<td>9:00</td>
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**Sample Rejected by:**
Date: 11-11-04
Time: 9:00

**Received by:**
Date: 11-17-04
Time: 9:00

**Replaced by:**
Date: 11-14-04
Time: 9:00

**Received for TestAmerica by:**
Date: 11-18-04
Time: 7:30

**NOTE:** All turn around times are calculated from the time of receipt at TestAmerica. Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

**NOTES:**

**Shipped By:**

**Temperature Upon Receipt:**

**Laboratory Comments:**