Appendix B

Well Construction Logs
Date Start/Finish: 07/02/2014-07/03/2014
Drilling Company: Raba-Kistner
Driller's Name: Manuel Duenez
Drilling Method: Hollow Stem Auger
Auger Size: 12" OD
Rig Type: CME 75
Sampling Method: 3" x 2' Split Spoon

Nothing: 374583.674
Easting: 10666085.40
Casing Elevation: 3757.86 ft AMSL
Borehole Depth: 40' bgs
Surface Elevation: 3753.87 ft AMSL
Descriptions By: Garett Ferguson

Well/Boring ID: EP-168A
Client: Texas Custodial Trust
Location: Former ASARCO Smelter
El Paso, TX

DEPTHELEVATION
Sample Run Number
Sample/Type
Recovery (feet)
Blow Counts
N - Value
USCS Code
Geologic Column

Stratigraphic Description

Well/Boring Construction

Remarks: AMSL = Above Mean Sea Level 
bgs = below ground surface; NA = Not Applicable/Available; ft = feet;  
OD = outer diameter; NM = Not Measured; HA = Hand Auger;  
SAA = Same As Above; NR = No Recovery 
PVC = Polyvinyl Chloride; ZVI = Zero Valent Iron

Clayey silt with sand and angular to rounded 1" gravel; slightly moist, brown
SAA, moist to dry
SAA, increased moisture with depth
SAA, some alluvium at 29.5', rusty at 30'
Boring terminated at 40' bgs
Date Start/Finish: 06/30/2014-07/01/2014
Drilling Company: Raba-Kistner
Driller's Name: Manuel Duenez
Drilling Method: Hollow Stem Auger
Auger Size: 12" OD
Rig Type: CME 75
Sampling Method: 3" x 2' Split Spoon

Nothing: 374587.24
Easting: 10666072.13
Casing Elevation: 3756.06 ft AMSL
Borehole Depth: 39' bgs
Surface Elevation: 3753.31 ft AMSL
Descriptions By: Garrett Ferguson

Location: Former ASARCO Smelter
El Paso, TX

Remarks:
- AMSL = Above Mean Sea Level
- bgs = below ground surface; NA = Not Applicable/Available; ft = feet;
- OD = outer diameter; NM = Not Measured; HA = Hand Auger;
- SAA = Same As Above; NR = No Recovery
- PVC = Polyvinyl Chloride; ZVI = Zero Valent Iron
**Date Start/Finish:** 07/01/2014  
**Drilling Company:** Raba-Kistner  
**Driller's Name:** Manuel Duenez  
**Drilling Method:** Hollow Stem Auger  
**Auger Size:** 10" OD  
**Rig Type:** CME 75  
**Sampling Method:** 3" x 2' Split Spoon  

**Client:** Texas Custodial Trust  
**Location:** Former ASARCO Smelter  
**Well/Boring ID:** EP-169  

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5</td>
<td>SAA, less moist to dry</td>
</tr>
<tr>
<td>5-10</td>
<td>SAA, increased moisture with depth</td>
</tr>
<tr>
<td>10-15</td>
<td>ZVI, black</td>
</tr>
<tr>
<td>15-20</td>
<td>SAA, slightly moist</td>
</tr>
<tr>
<td>20-25</td>
<td>SAA, some alluvium around 31.5'</td>
</tr>
<tr>
<td>25-30</td>
<td>ZVI</td>
</tr>
<tr>
<td>30-35</td>
<td>SAA, less moist to dry</td>
</tr>
<tr>
<td>35-40</td>
<td>SAA, increased moisture with depth</td>
</tr>
<tr>
<td>40-45</td>
<td>SAA, less moist to dry</td>
</tr>
</tbody>
</table>

**Stratigraphic Description**
- Clayey silt with angular to rounded medium 1" gravel; slightly moist, brown
- ZVI, black
- SAA, less moist to dry
- SAA, increased moisture with depth
- ZVI, black
- SAA, slightly moist
- SAA, some alluvium around 31.5'

**Well/Boring Construction**
- 8" Schedule 80 PVC
- 2' Concrete Plug
- 10" Bore Hole
- Concrete/Bentonite Grout
- 2" Schedule 40 PVC Well Casing
- Hydrated Bentonite Pellets
- 10/20 Sand Filter Pack
- 0.010 Slot 2" Schedule 40 PVC Well Screen
- 6" Solid Sump

**Remarks:**
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- PVC = Polyvinyl Chloride; ZVI = Zero Valence Iron

**Template:** Project: 06835001.2014  
**Data File:** OLM

**Date:** 8/1/2014