



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pCOH0808038764

1RP - 1820

SOUTHERN UNION GAS COMPANY

Basin Environmental Service Technologies, LLC

Environmental Site Summary

Project Name: Drip Tank #111 (NMOCD IRP#-1820)

GPS Coordinates: 32 21.904' N 103 15.517' W

Legal Description: Unit Letter: E Section: 27 Township: 22S Range: 36E

Depth to Ground Water: ~200'

Land Owner: State of New Mexico

Address: 2827 N. Dal Paso Suite 117, Hobbs, NM 88240

Approximate Date of Release: Unknown Approximate Volume of Release: Unknown
Type of Release: Below Grade Tank

Background Information: The Drip Tank #111 Remediation Site is a result of a failure in a former 100 bbl Below Grade Tank (BGT).

A Form C-144 was filed in March 2008, with the NMOCD Hobbs District Office, notifying the NMOCD of Southern Union Gas Services' intentions of removing the tank and remediating the immediate area. During the removal of the BGT, a historical "Pit" was discovered in the vicinity. Southern Union has selected the Drip Tank #111 for immediate remediation.

Summary of Field Activities: The Drip Tank #111 BGT was removed in March 2008. During the removal, the adjacent soil was field-screened for concentrations of chloride and Total Petroleum Hydrocarbons (TPH). Photo-ionization detector (PID) readings suggest elevated concentrations of Total Petroleum Hydrocarbons (TPH) exist at greater than 16.5' below ground surface (bgs). It was determined that the advancement of one or more soil borings would be required to determine the vertical extent of soil impact.

Purpose of Soil Boring/Monitor Well Installation: As per the NMOCD's Guidelines for Remediation of Spills, Leaks and Releases, the vertical extent of soil impact and the status of the groundwater must be determined before developing a remediation strategy and advancing the site toward closure. It was determined that the advancement of one or more soil borings would be required to determine the vertical extent of soil impact. If during the advancement of the proposed soil boring it is determined that groundwater may have been impacted, the affected soil boring(s) may be converted into a 2" monitor well to facilitate groundwater sampling and remediation.

Proposed Soil Boring/Monitor Well Locations:

~32.365048	N	~103.258608	W
~32.365115	N	~103.258745	W
~32.364978	N	~103.258471	W
~32.365140	N	~103.258519	W
~32.364952	N	~103.258705	W

Description:

SB-1 (Center of Former BGT location)
SB-2 (Approximately 50' northwest of former BGT)
SB-3 (Approximately 50' southeast of former BGT)
SB-4 (Approximately 50' northeast of former BGT)
SB-5 (Approximately 50' southwest of former BGT)

Attachments:

Attachment #1: Site Location Map
Attachment #2: Site & Sample Location Map
Attachment #3: Land Owner Access Agreement




1,000 500 0 1,000 2,000

 Distance in Feet

Figure 1
 Site Location Map
 Southern Union Gas Services
 Drip Tank #111 Historical
 Lea County, New Mexico
 NMOCD Reference #: 1RP-1820



Basin Environmental Service Technologies, LLC
 3100 Plains Hwy.
 Lovington, NM 88260

Drawn By: BJA	Checked By: JWL
October 17, 2012	Scale: 1" = 2000'



Legend:

● Proposed Soil Boring

Figure 2
Proposed Soil Boring Location Map
Southern Union Gas Services
Drip Tank #111
NMOCD Ref RP-1820
Lea County, New Mexico

Basin Environmental Services

Prep By: JWL

Checked By: BJA

October 15, 2012

Scale 1"=50'