



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: pPAC0621533206

1RP - 983

SOUTHERN UNION GAS COMPANY

HOBBS OCD

Leking, Geoffrey R, EMNRD

DEC 03 2012

From: Camille Bryant <cbryant@novatraining.cc>
Sent: Monday, December 03, 2012 10:12 AM
To: Leking, Geoffrey R, EMNRD
Cc: Rose.slade@sug.com
Subject: SUGS MB-4 Line backfill request
Attachments: Figure 2 MB-4.pdf; MB-4 analytical table btex, tph and chloride concentrations in soil.pdf

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Mr. Leking,

Please find attached the Soil Chemistry Table (Table 1) and the Site Map (Figure 2) for the Southern Union Gas Services Historical MB-4 Line Release Site 1RP-983. Laboratory analytical results indicate the areas on the floor and the west wall of the excavation that exceeded NMOCD regulatory guidelines (soil samples MB4 RP South @ 13' and MB4 WW @ 12') have been excavated to less than NMOCD regulatory guidelines (soil samples MB4 RP South @ 15' and MB4 WWA @ 12'). In addition, two (2) soil samples (SP-1 and SP-2) were collected from the approximately 600 cubic yards of remediated stockpiled soil and submitted to the laboratory for BTEX, TPH and chloride analysis. Laboratory analytical results indicated benzene, BTEX, TPH and chloride concentrations were less than NMOCD regulatory guidelines for both soil samples. Please reference Table 1 for Concentrations of Benzene, BTEX, TPH and Chlorides in Soil and Figure 2 for soil sample locations.

Based on laboratory analytical results NOVA, on behalf of Southern Union Gas Services, is requesting NMOCD approval to backfill the excavation with the remediated stockpiled soil. NOVA, on behalf of SUGS will prepared a Remediation Summary and Site Closure Request for the MB 4 Line Release Site.

Please contact me with any questions.

Thank you,

Camille Bryant
Nova Safety & Environmental
2057 Commerce
Midland, Texas
432.520.7720 (Office)
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approved for backfilling
Geoffrey Leking
Environmental Specialist
NMOCD-DIST 1
12/03/12

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TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
 MB-4 LINE HISTORICAL RELEASE
 LEA COUNTY, NEW MEXICO
 NMOCD # 1RP-983

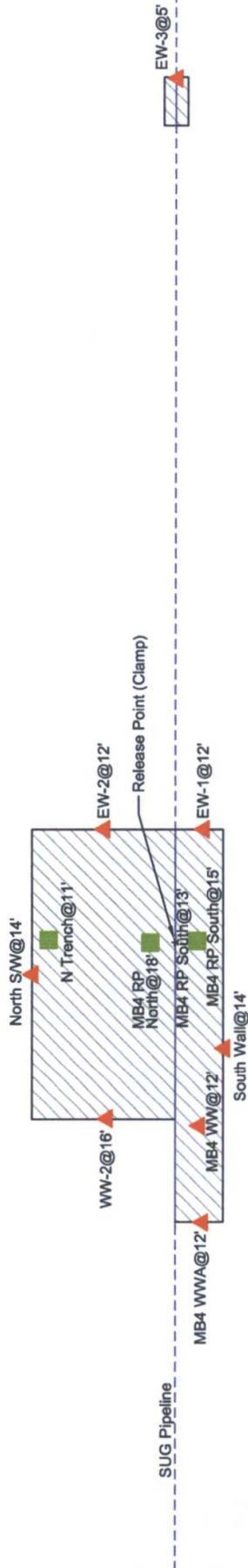
All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b										METHOD: SW 8015M				E 300.1 CHLORIDE
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₃ -C ₂₈	TPH ORO C ₂₉ -C ₃₅	TOTAL TPH C ₆ -C ₃₅					
NMOCD Regulatory Limit		10	-	-	-	-	50	-	-	-	100					
MB4 RP South @ 13'	10/04/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	220	66.4	286	138				
MB4 WW @ 12'	10/04/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.8	86.6	34.8	121	80.8				
MB4 RP North @ 18'	10/04/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	51.2	<26.0	51.2	224				
EW-1 @ 12'	10/05/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.8	<25.8	<25.8	<25.0	51.1				
EW-2 @ 12'	10/05/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.0	152				
S/W trench @ 5'	10/05/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<25.0	136				
WW2 @ 16'	10/05/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<25.0	13.6				
S/E trench @ 5'	10/05/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<25.0	82.7				
N trench @ 11'	10/05/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.3	<25.3	<25.3	<25.0	91.1				
EW 3 @ 5'	10/05/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.8	<25.8	<25.8	<25.0	11.2				
MB4 RP South @ 15'	11/19/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<26.0	138				
South wall @ 14'	11/19/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	129				
MB4 WWA @ 12'	11/19/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	122				
North S/W @ 14'	11/28/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.8	<25.8	<25.8	<25.8	112				
SP-1	11/28/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.3	<25.3	<25.3	<25.3	98.1				
SP-2	11/28/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	115				

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Distance in Feet

LEGEND:

-  Sidewall Soil Sample Location
-  Pipeline
-  Floor Soil Sample Location

Figure 2
 Site Map
 Southern Union Gas Services
 MB-4 Line
 Lea County, NM



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 Midland, Texas 79703
 432.520.7720

www.novasafetyandenvironmental.com

October 11, 2012 Scale: 1" = 20' CAD By: TA Checked By: CJB

Lat. N 32° 7.408' Long. W 103° 8.993' 1RP-983