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: pTO1424554698

1RP - 2940

CONOCOPHILLIPS COMPANY

7/29/2016

Willbros Construction US

Permian Basin Environmental Department
7900 Groening Odessa, Texas 79765
432-214-8011

Remediation Work Plan

ConocoPhillips Company – MCA Field Water Disposal Transfer Line
Unit D Section 28, Township 17 South, Range 32 East.
Latitude – N 32 48.714; Longitude – W 103 46.719
Lea County, New Mexico

Willbros Construction US respectfully submits the following Remediation Work Plan which addresses remediation of a spill release caused by rupture of a water disposal transfer line.

Site Background

On August 14, 2013 a 4" water disposal transfer line was struck and approximately 106 barrels of water and oil was released into the excavation. Approximately 85 barrels was recovered from the 30'x15'x6' excavation. Dry soil was placed on the spill to soak up any remaining liquids. The site is located in Unit D Section 28, Township 17 South, Range 32 East, an area of rangeland. A search for water wells was completed utilizing the New Mexico Office of the State Engineers website and a database maintained by the United States Geological Survey (USGS). Zero (0) domestic water wells and zero (0) surface water features exist within a 1,000 feet radius of the Site (attached). Nearest average groundwater data from this survey also indicates average water depth is approximately 87 feet below ground surface (bgs) approximately 475 meters away.

Remediation Work Plan

The initial size of impacted area is approximately 30'x15'x6' in an excavation which contained the spill. Based upon NMOCD site ranking score of 0 points, the site will be excavated to below 5,000 TPH and 100ppm field VOC with lab confirmation analysis for TPH, Benzene, and BTEX. The excavation will also be analyzed for chlorides. The proposed plan is to remove the impacted soils to below the NMOCD analytical requirements. Haul the impacted soil to a landfarm and backfill with clean fresh soil.

If there are any questions please call me at 432-661-1365.

Stacy S. Stribling
Senior Environmental Specialist

approved
Environmental Specialist
NMOCD - DIST 1
8/26/13
- DELINEATE CLs TO 250PPM OR L
- GW @ 150'

Google earth

feet 3000
meters 900

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twp	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 10175		LE	2	1		28	17S	32E	614814	3631005*	475	158		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 614342.45 **Northing (Y):** 3631069 **Radius:** 1610

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer
Point of Diversion Summary

POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
	(quarters are smallest to largest)							
RA 10175	2	1		28	17S	32E	614814	3631005*

Driller License: EADES DRILLING & PUMP SERVICE
Driller Name: EADES, ALAN

Drill Start Date:	02/04/2002	**Drill Finish Date:**	02/04/2002	**Plug Date:**	
Log File Date:	03/06/2002	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	5.75	**Depth Well:**	158 feet	**Depth Water:**	

Water Bearing Stratifications:

Top	Bottom	Description
87	89	Shallow Alluvium/Basin Fill
89	116	Shallow Alluvium/Basin Fill
116	124	Shallow Alluvium/Basin Fill

Casing Perforations:

Top	Bottom
118	158

Meter Number:	5380	**Meter Make:**	SENSUS
Meter Serial Number:	560656282	**Meter Multiplier:**	10.0000
Number of Dials:	6	**Meter Type:**	Diversion
Unit of Measure:	Gallons	**Return Flow Percent:**	
Usage Multiplier:		**Reading Frequency:**	Annual

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount
03/20/2002	2002	0	A	RPT		0
05/06/2002	2002	170	A	RPT		0.005
02/13/2003	2002	2410	A	PRT		0.069
02/01/2005	2004	3420	A	ch		0.031

****YTD Meter Amounts:**

Year	Amount
2002	0.074
2004	0.031

*UTM location was derived from PLSS - see Help

HOBBS OCD

OCT 2 5 2013

RECEIVED

Leking, Geoffrey R, EMNRD

From: Sarah Edwards <sedwards@rice-ecs.com>
Sent: Friday, October 25, 2013 1:13 PM
To: Leking, Geoffrey R, EMNRD
Cc: 'Hack Conder'; Justin Wright
Subject: RE: Addendum ConocoPhillips Warren Unit Well #13 Injection Line Release (1RP-7-13-2940) Corrective Action Plan

Mr. Leking,

Yes I see your point, the PID references BTEX and we've adjusted the addendum to include analytical for TPH. The following is an updated Addendum to the ConocoPhillips Warren Unit Well #13 Injection Line Release (1RP-7-13-2940) Corrective Action Plan submitted to NMOCD on August 21st, 2013.

Corrective Action Plan, Page 2, paragraph 4: text in blue lettering, below, will be changed from the previous version of the CAP.

Corrective Action Plan

RECS recommends that Conoco-Phillips excavate an area of 211 ft x 153 ft to a depth of approximately 4-5 ft bgs. A 20-mil reinforced poly liner will be installed and properly seated throughout the base of the excavation (Figure 2). The liner will provide a barrier that will inhibit the downward migration of residual constituents to groundwater. Approximately 2,000 yards of soil from the release area will be disposed of at a NMOCD approved facility. The remaining excavated soil will be evaluated for use as backfill and any soils requiring disposal will be properly disposed of at a NMOCD approved facility. Soils placed above the liner will have a laboratory chloride reading no greater than 500 mg/kg, a laboratory TPH reading no greater than 1,000 mg/kg, and a field PID reading below 100 ppm. The site will be backfilled with the remaining excavated soil and then clean soil will be imported to the site to replace the soil disposed of at a NMOCD approved facility. The excavation will be brought up to surface level with the imported soil and the site will be contoured to the surrounding location. The disturbed area will then be seeded with a blend of native vegetation. Vegetation provides an infiltration barrier for the site, since plants capture water through their roots thereby reducing the amount of water traveling through the vadose zone to groundwater.

If you have any questions or require any additional information, please contact me or Hack Conder at (575) 393-2967.

Approved - NMOCD - DIST I - 10/29/13
Geoffrey Leking
Environmental Specialist

Thank you,
Sarah Edwards

HOBBS OCD

OCT 2 5 2013

RECEIVED

From: Leking, Geoffrey R, EMNRD [mailto:GeoffreyR.Leking@state.nm.us]
Sent: Friday, October 25, 2013 10:32 AM
To: Sarah Edwards
Cc: 'Hack Conder'; Justin Wright
Subject: RE: Addendum ConocoPhillips Warren Unit Well #13 Injection Line Release (1RP-7-13-2940) Corrective Action Plan

Hack

The PID is only for BTEX not for TPH. Sorry if I have missed this before. Should have TPH labs with the chloride labs.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leking@state.nm.us

From: Sarah Edwards [mailto:sedwards@rice-ecs.com]
Sent: Thursday, October 24, 2013 11:44 AM
To: Leking, Geoffrey R, EMNRD
Cc: 'Hack Conder'; Justin Wright
Subject: Addendum ConocoPhillips Warren Unit Well #13 Injection Line Release (1RP-7-13-2940) Corrective Action Plan

Dear Mr. Leking,

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Once we receive approval from NMOCD, we will begin the process of remediation. We will notify you when these actions are about to commence.

WILLBROS ENVIRONMENTAL DEPARTMENT

7900 GROENING STREET ODESSA, TEXAS 79765 432-550-8210

ANALYTICAL REPORT FORM

CLIENT: ConocoPhillips Company

SITE: MCA Transfer Line Strike

ANALYST: Brian Hill **ANALYZER I.D.#** 012250

SAMPLE ID	SAMPLE DATE	DEPTH	TPH/ppm	SAMPLE NOTE
TPB1	9/12/13	11'	53	
TPB2	9/12/13	8'	121	
TPB3	9/12/13	11'	35	Origin
TPB4	9/12/13	10'	77	
TPB5	9/12/13	16'	55	
TPW1	9/12/13	8'	0.8	
TPW2	9/12/13	8'	5.9	
TPW3	9/12/13	8'	2.3	
TPW4	9/12/13	12'	6.4	
TPW5	9/12/13	8'	10	
TPW6	9/12/13	8'	12.1	
Bottom Composite	9/12/13		54.7	PID=0 EC=0.2
Wall Composite	9/12/13		5.2	PID=0 EC=0.1
Lab Confirmation				
Lab Bottom Comp.			43.9	BTEX=N.D. Cl=38.8
Lab Wall Comp.			Non Detect	BTEX=N.D. Cl=15.9

ANALYST NOTES: TPH analysis by EPA Method 418.1 (modified)

TP's are bottom grab samples. SP's are remediation composite samples.

approved per backfill

Jeffrey Lekins

Environmental Specialist

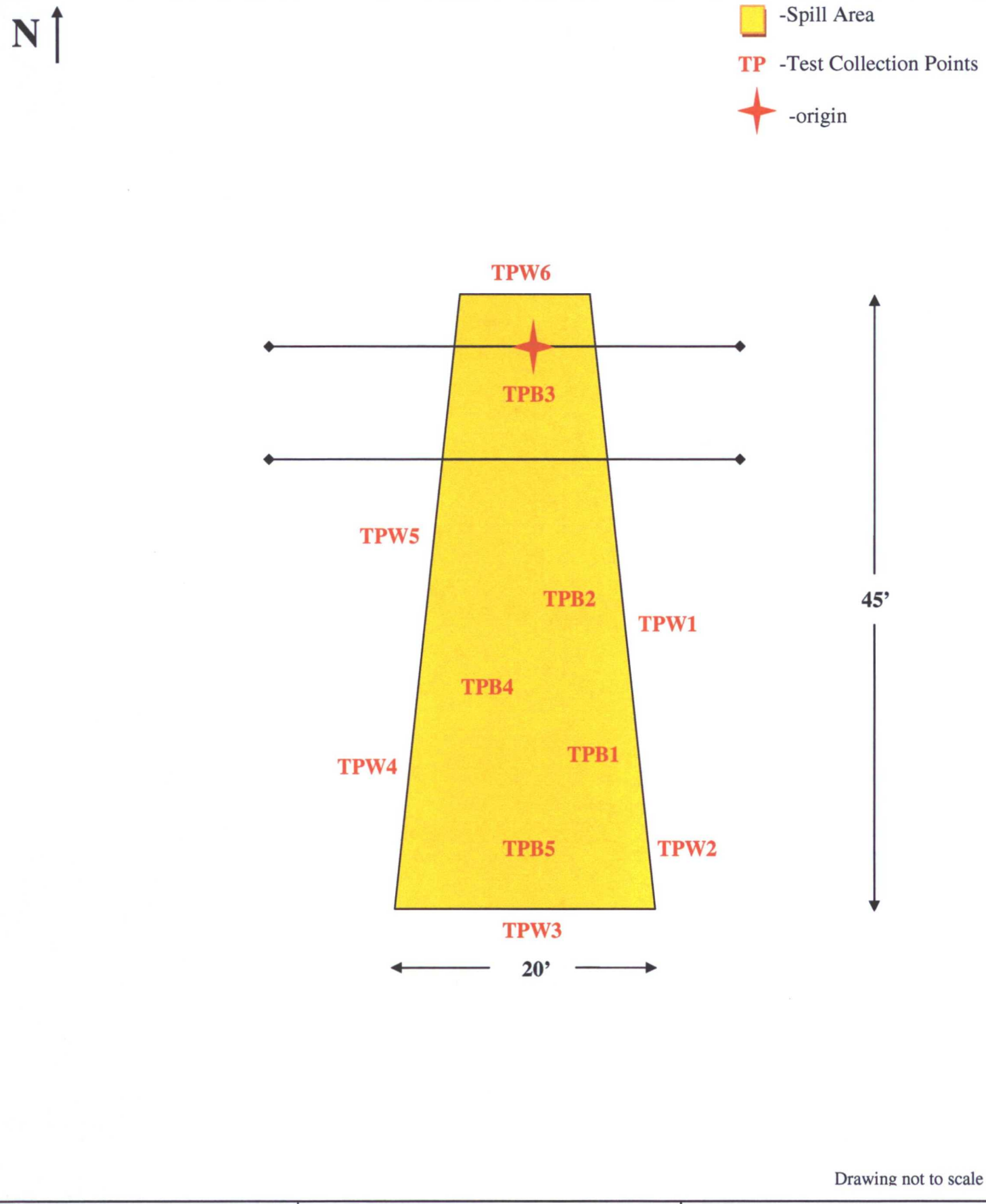
NMOCD-DIST I

10/24/13

HOBBS OCD

SEP 25 2013

RECEIVED



Drawing not to scale

Company:	Project:	Willbros Environmental Dept.
ConocoPhillips Company 3300 North A Bldg 6 Midland, TX 79705	MCA Transfer Line N 32 48.714' W 103 46.719' Lea County, New Mexico	7900 Groening Street Odessa, Texas 79765 432-550-8210

Leking, Geoffrey R, EMNRD

From: Lara Weinheimer <lweinheimer@rice-ecs.com>
Sent: Wednesday, September 25, 2013 2:22 PM
To: Leking, Geoffrey R, EMNRD
Cc: 'Hack Conder'; 'Baker, Larry'; 'Jacob Kamplain'
Subject: Apache Argo #7 (1RP-9-13-2952)
Attachments: Apache Argo #7 EXCAVATION.jpg

Geoff, attached is the final sampling data for the 6 inch scrape at the above referenced site. The individual points represent the field data and the 8 point composite shows the lab data from the bottom of the 6 inch scrape. Based on the lab data, Apache requests your permission to backfill the site with clean, imported soil. If you have any questions or concerns, please let us know. Otherwise, we await your approval.

Thanks!

Lara Weinheimer
Rice Environmental Consulting & Safety
Project Scientist
419 West Cain
Hobbs, NM 88240
(575) 441-0431