



February 27, 2015

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

Mr. Mike Bratcher
NMOCD District 2
811 S. 1st Street
Artesia, NM 88210

ARTESIA
408 West Texas Ave.
Artesia, New Mexico 88210
Phone 575.746.8768
Fax 575.746.8905

Subject: **Remediation and Closure Report**
Oxy USA WTP Limited Partnership
Government AA Com #1
API: 30-015-21286 – 2RP-2652

HOBBS
318 East Taylor Street
Hobbs, New Mexico 88240
Phone 575.393.4261
Fax 575.393.4658

Dear Mr. Bratcher,

Oxy Permian (Oxy) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment, completed remediation activities and closure request are submitted herein.

MIDLAND
2901 State Hwy 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

Background Information

The Government AA Com No. 1 is located approximately 35 miles southeast of Artesia, New Mexico. The legal location for this release is Unit Letter C, Section 23, Township 20 South, and Range 28 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.564595 North and -104.1504613 West. A site plan is presented in [Appendix I](#).

OKLAHOMA CITY
7700 North Hudson Avenue
Suite 10
Oklahoma City, Oklahoma 73116
Phone 405.486.7030
Fax 806.467.0622

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Gypsum land-Reeves complex with 0 to 3 percent slopes. The local surface and shallow geology is Holocene to Pleistocene in age and sedimentary deposits, is comprised of residuum weathered gypsum which includes alluvium and eolian sand soils underlain by gypsiferous material, clay loam and hard caliches. According to the Chevron/Texaco Water Trend map shows ground water to be between 50-100 feet below ground level.

SAN ANTONIO
13111 Lookout Way
San Antonio, Texas 78233
Phone 210.265.8025
Fax 210.568.2191

The ranking for this site is 10 based on the following:

Depth to ground water	50-100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742
www.talonlpe.com

Incident Description

The stuffing box blew out on the wellhead due to cold weather causing a release of 5 barrels of oil and 10 barrels of produced water. No fluids were recovered. All fluids remained on location. Talon mobilized personnel to conduct a site assessment and remediation activities within the impacted areas. The results of our confirmation sampling activities are summarized in the table below.

Laboratory Results

See [Appendix II](#) for complete report of laboratory results.

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-3	2.5'	--	<16	<10	<10
S-4	2.5'	--	<16	--	--

--Analyte Not Tested

Based upon the site ranking of 10, NMOCD Recommended Remedial Action Levels (RRAL's) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 1,000 mg/kg for TPH and 1,000 mg/kg for Chlorides.

Remedial Actions taken

Pursuant to our work plan approved by the NMOCD, the impacted area in the vicinity of S-3 and S-4 was excavated to a depth of 2.5-feet bgs. Field chlorides titration testing was used to guide the excavation. Once field results indicated that the impacted soil was below NMOCD Recommended Remedial Action Level's (RRAL's) a confirmation soil samples were taken at S-3 and S-4 to insure all of the impacted material was removed. See attached table above.

The impacted area in the vicinity of sample point S-2 was excavated to a depth of 2-feet deep. The impacted areas at sample point S-1 and S-5 were excavated to a depth of 0.5-feet deep.

All of the excavated material was hauled to Lea Land, LLC an NMOCD approved disposal facility.

The excavated areas on the location were backfilled with new caliche and re-contoured to match the surrounding location.

Closure

On behalf of Oxy USA WTP Limited Partnership, we respectfully request that no further actions be required and that closure with respect to these releases be granted. A Final C-141 is also attached in Appendix III.

If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

A handwritten signature in blue ink, reading "Kimberly M. Wilson".

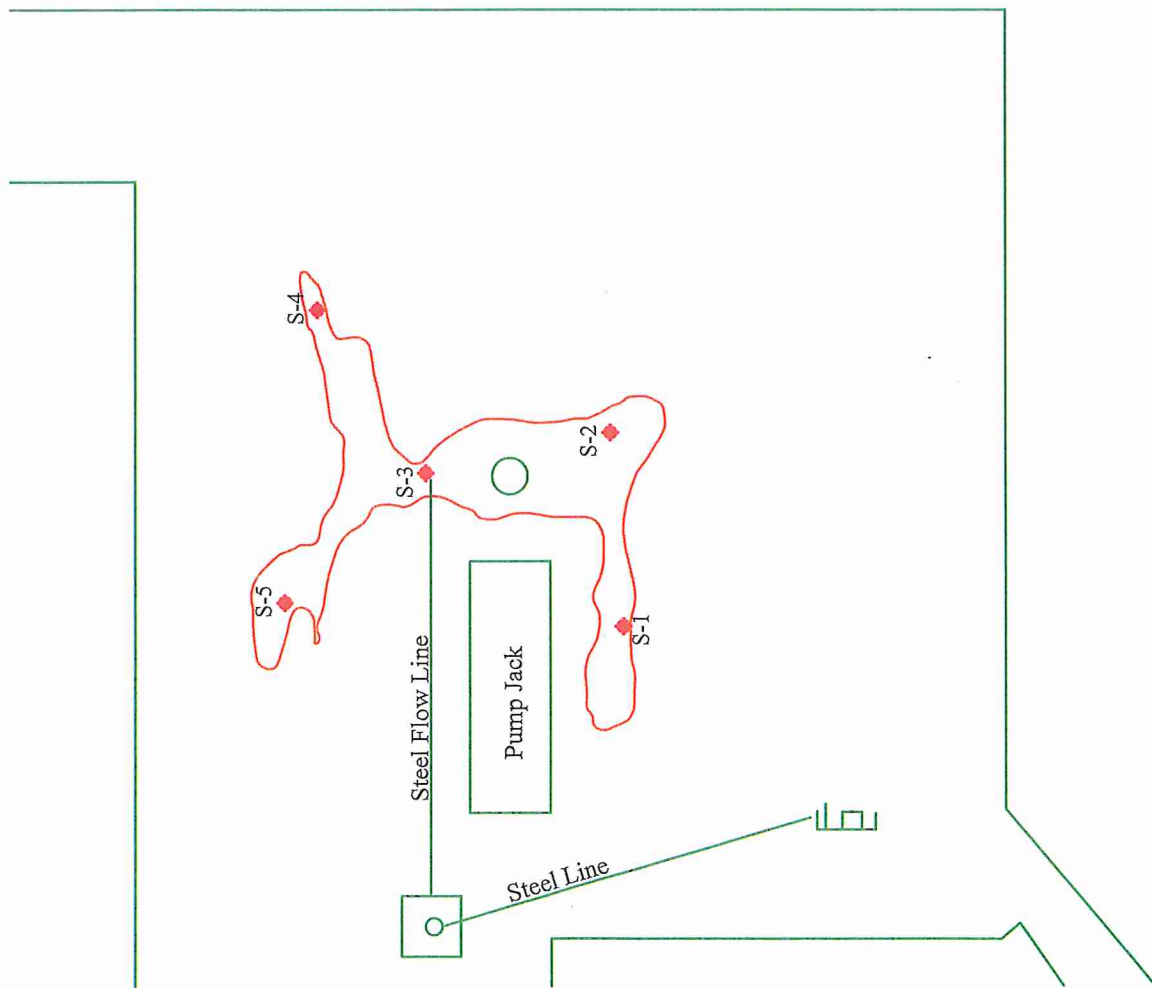
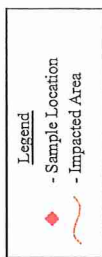
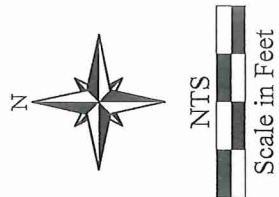
Kimberly M. Wilson
Project Manager

A handwritten signature in blue ink, reading "David J. Adkins".

David J. Adkins
District Manager

APPENDIX I

SITE MAP



Government AA #1
Oxy - NM - North
Eddy County, New Mexico
Figure 1 - Site Plan

Date: 12/23/2014

Scale: NTS

Drawn By: TJS



APPENDIX II
LABORATORY RESULTS

February 25, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: GOVERNMENT AA #1

Enclosed are the results of analyses for samples received by the laboratory on 02/24/15 11:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

 Received: 02/24/2015
 Reported: 02/25/2015
 Project Name: GOVERNMENT AA #1
 Project Number: 70060838501
 Project Location: EDDY COUNTY, NM

 Sampling Date: 02/24/2015
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: S-3 2.5' (H500513-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/24/2015	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/24/2015	ND	205	103	200	0.704	
DRO >C10-C28	<10.0	10.0	02/24/2015	ND	200	99.9	200	0.351	

Surrogate: 1-Chlorooctane 81.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 76.5 % 52.1-176

Sample ID: S-4 2.5' (H500513-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/24/2015	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

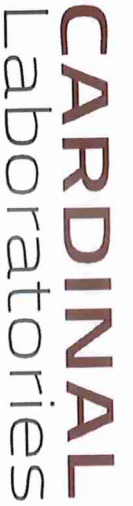
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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

APPENDIX III

FINAL C-141