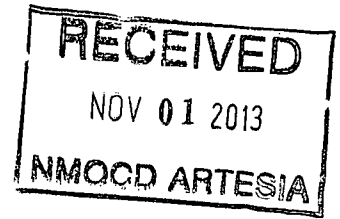




October 23, 2013

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



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

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

Subject: **Soil Assessment and Remediation Work Plan**
Oxy Permian LTD
Indian Basin Gas Plant Release
IBGP-PC-51-0100

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

Dear Mr. Bratcher,

Oxy Permian LTD has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Indian Basin Gas Plant release. The results of our soil assessment and proposed remediation activities consist of the following:

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

Incident Date

The release was discovered September 12, 2013.

Background Information

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

The Indian Basin Gas Plant is located approximately forty (40) miles southwest of Artesia, New Mexico. The legal location for the site is Section 23, Township 21 South and Range 23 East in Eddy County, New Mexico.

SAN ANTONIO
11 Commercial Place
Schertz, Texas 78154
Phone 210.265.8025
Fax 210.568.2191

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is a Paleozoic Age sedimentary deposit, the Guadalupian Queen and Grayburg formation, consisting of gypsum, sandstone, anhydrite and dolomite underlain by siltstone material and hard caliches. The New Mexico State Engineer web site indicates the nearest ground water data to be in S2-T21S-R23E. The ground water in Section 2 is reported to be a depth of 180' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 0 based on the as following:

Depth to ground water	>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

A 3-inch steel flow line was found to be leaking due to corrosion causing a release of 5 barrels of produced water. A vac truck was immediately called to the location and recovered 4.5 barrels. The flow line was isolated, drained of all fluids, replaced and returned to service. Oxy conducted some initial remediation. The impacted area was approximately 15'x15' and excavated to a depth of 3.5 feet deep in order to repair the line.

Actions Taken

On September 19, 2013 Talon/LPE mobilized personnel to perform soil sampling activities for the construction of a work plan. Grab soil samples were collected at a depth of 3.5 feet deep. A site map illustrating the sample location is attached.

Soils samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed in laboratory provided glassware, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for volatile organics pursuant to EPA Method 8021B, Total Petroleum Hydrocarbons (TPH) per EPA Method 8015M and Total Chlorides via Method SM4500Cl-B. The complete laboratory report is attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

September 27, 2013

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	3.5	13.1	<16	22.7	220
S-2	3.5	3.79	1060	<10	16.4
S-3	3.5	<0.300	128	<10	50.6
S-4	3.5	51.7	<16	779	5350
S-5	3.5	<0.300	1650	<10	26.6
S-6	0	<0.300	32	<10	<10
S-7	0	<0.300	64	<10	<10

Summary and Conclusions

- Ground water in the project vicinity is 180-feet below land surface per the New Mexico State Engineer Database.
- Based on the depth to groundwater, it is unlikely that the impacts identified from this release will pose a threat to groundwater after proposed remediation activities are complete.

Proposed Remedial Actions


- The impacted soil from this release in the vicinity of sample locations S-4 will be excavated an additional 0.5-foot deep. The impacted soil will be transported to a NMOCD approved solid waste disposal facility.
- Confirmation soil samples will be collected the excavated area. The soil samples will be submitted to laboratory for TPH analysis using Method 8015M, and BTEX analysis using Method 8021B.
- The excavated area will be backfilled and contoured to match existing terrain.
- A final closure report documenting all remedial actions and analytical results will be provided to the NMOCD Artesia Office along with a C-141 Form.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575.746.8768.

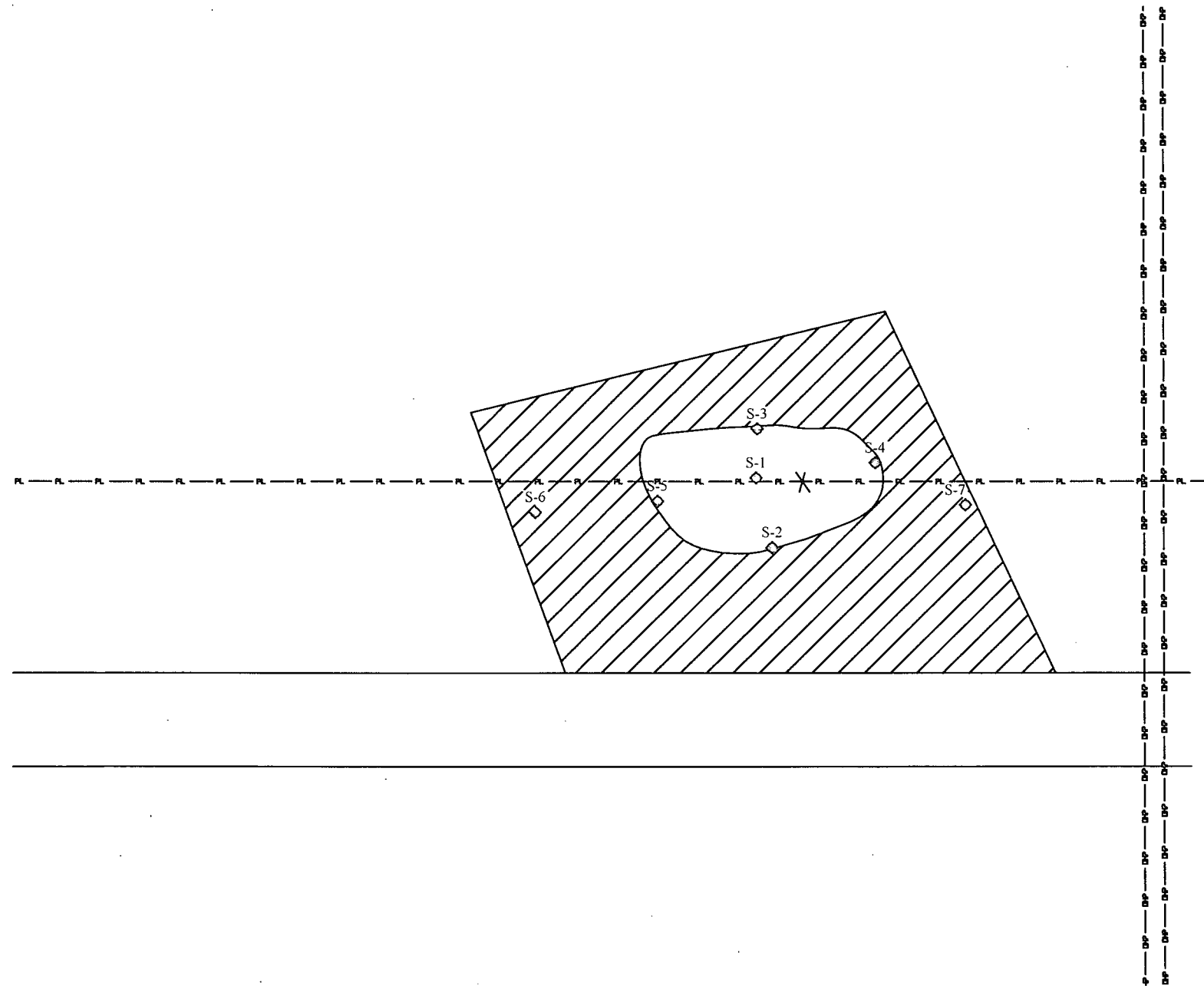
Respectfully submitted,

TALON/LPE


Kimberly M. Wilson
Project Manager


David J. Adkins
District Manager

SITE MAP



Date: 09/26/2013

Scale: NTS

Drawn By: TJS

IBGP Release
Oxy - NM - North
Eddy County, New Mexico
Figure 1 - Site Plan

APPENDIX I
GROUNDWATER DATA
INITIAL C-141



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-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 05131		ED		2	3	2	23	21S	23E	540424	3592266*	140	255		
RA 05131 S		ED		2	3	2	23	21S	23E	540424	3592266*	140	292	180	112
RA 05060		ED		3	3	1	23	21S	23E	539419	3592064*	911	250		
RA 09565		ED		3	1	1	23	21S	23E	539416	3592466*	956	250		

Average Depth to Water: **180 feet**

Minimum Depth: **180 feet**

Maximum Depth: **180 feet**

Record Count: 4

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 540325

Northing (Y): 3592167

Radius: 1000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company : Oxy Permian LTD (192463)	Contact : Rodney Campbell
Address : 1502 W. Commerce, Carlsbad, NM 88220	Telephone No. : 575-725-7822
Facility Name : IBGP-PC-51-0100	Facility Type: Gas Plant

Surface Owner : Federal	Mineral Owner	API#: Lease #:
-------------------------	---------------	----------------

LOCATION OF RELEASE

Unit Letter	Section 23	Township 21S	Range 23E	Feet from the	North/South Line North	Feet from the	East/West Line	County: Eddy
-------------	---------------	-----------------	--------------	---------------	---------------------------	---------------	----------------	--------------

Latitude _____ Longitude _____

NATURE OF RELEASE


Type of Release : Produced Water	Volume of Release : 5 bbls	Volume Recovered: 4.5 bbls
Source of Release : 3" Water Line	Date and Hour of Occurrence: 9/12/2013	Date and Hour of Discovery: 9/12/2013 5:15 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD/Mike Bratcher & BLM/Jim Amos	
By Whom: Pat Bowen	Date and Hour : 9/13/2013	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* A 3-inch steel flow line was found to be leaking due to corrosion causing a release of 5 barrels of produced water. A vac truck was immediately called to the location and recovered 4.5 barrels. The flow line was isolated, drained of all fluids, replaced and returned to service. Talon/LPE was contacted to complete the site assessment to determine appropriate clean up actions.

Describe Area Affected and Cleanup Action Taken.* Oxy conducted some initial remediation. The impacted area was approximately 15'x15'. Once laboratory results are available Talon will submit a detailed work plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Rodney Campbell	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Rodney.Campbell@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 10/10/2013 Phone: 575-725-7822			

* Attach Additional Sheets If Necessary

APPENDIX II
LABORATORY RESULTS

September 27, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: OXY IBGP

Enclosed are the results of analyses for samples received by the laboratory on 09/24/13 9:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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.

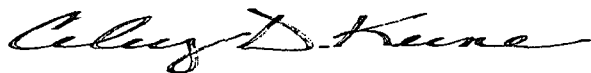
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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: 09/24/2013
 Reported: 09/27/2013
 Project Name: OXY IBGP
 Project Number: 700608.337.01
 Project Location: NOT GIVEN

 Sampling Date: 09/19/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 3.5' (H302318-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.311	0.050	09/26/2013	ND	1.89	94.4	2.00	3.20	
Toluene*	3.43	0.050	09/26/2013	ND	1.95	97.3	2.00	2.40	
Ethylbenzene*	0.970	0.050	09/26/2013	ND	2.06	103	2.00	2.62	
Total Xylenes*	8.41	0.150	09/26/2013	ND	6.20	103	6.00	2.42	
Total BTEX	13.1	0.300	09/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 123 % 89.4-126

Chloride, SM4500Cl-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	09/25/2013	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	22.7	10.0	09/25/2013	ND	191	95.6	200	0.842	
DRO >C10-C28	220	10.0	09/25/2013	ND	184	91.8	200	1.16	

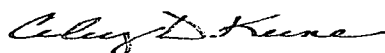
Surrogate: 1-Chlorooctane 99.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 100 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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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: 09/24/2013
Reported: 09/27/2013
Project Name: OXY IBGP
Project Number: 700608.337.01
Project Location: NOT GIVEN

Sampling Date: 09/19/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 3.5' (H302318-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.464	0.050	09/26/2013	ND	1.89	94.4	2.00	3.20	
Toluene*	1.38	0.050	09/26/2013	ND	1.95	97.3	2.00	2.40	
Ethylbenzene*	0.298	0.050	09/26/2013	ND	2.06	103	2.00	2.62	
Total Xylenes*	1.65	0.150	09/26/2013	ND	6.20	103	6.00	2.42	
Total BTEX	3.79	0.300	09/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 114 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	09/25/2013	ND	416	104	400	3.77	

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	09/25/2013	ND	191	95.6	200	0.842	
DRO >C10-C28	16.4	10.0	09/25/2013	ND	184	91.8	200	1.16	

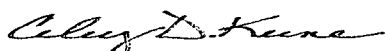
Surrogate: 1-Chlorooctane 95.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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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: 09/24/2013
Reported: 09/27/2013
Project Name: OXY IBGP
Project Number: 700608.337.01
Project Location: NOT GIVEN

Sampling Date: 09/19/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-3 3.5' (H302318-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2013	ND	1.89	94.7	2.00	2.02	
Toluene*	<0.050	0.050	09/26/2013	ND	1.94	96.9	2.00	2.11	
Ethylbenzene*	<0.050	0.050	09/26/2013	ND	2.02	101	2.00	2.34	
Total Xylenes*	<0.150	0.150	09/26/2013	ND	5.96	99.3	6.00	2.22	
Total BTX	<0.300	0.300	09/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/25/2013	ND	416	104	400	3.77	

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	09/25/2013	ND	191	95.6	200	0.842	
DRO >C10-C28	50.6	10.0	09/25/2013	ND	184	91.8	200	1.16	

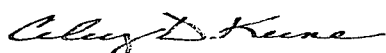
Surrogate: 1-Chlorooctane 82.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.5 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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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: 09/24/2013
Reported: 09/27/2013
Project Name: OXY IBGP
Project Number: 700608.337.01
Project Location: NOT GIVEN

Sampling Date: 09/19/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-4 3.5' (H302318-04)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.793	0.100	09/27/2013	ND	1.89	94.7	2.00	2.02	
Toluene*	5.60	0.100	09/27/2013	ND	1.94	96.9	2.00	2.11	
Ethylbenzene*	1.44	0.100	09/27/2013	ND	2.02	101	2.00	2.34	
Total Xylenes*	43.8	0.300	09/27/2013	ND	5.96	99.3	6.00	2.22	
Total BTX	51.7	0.600	09/27/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 131 % 89.4-126

Chloride, SM4500Cl-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	09/26/2013	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	779	10.0	09/25/2013	ND	191	95.6	200	0.842	
DRO >C10-C28	5350	10.0	09/25/2013	ND	184	91.8	200	1.16	

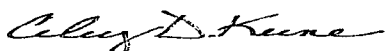
Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 165 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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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: 09/24/2013
Reported: 09/27/2013
Project Name: OXY IBGP
Project Number: 700608.337.01
Project Location: NOT GIVEN

Sampling Date: 09/19/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-5 3.5' (H302318-05)

BTEx 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2013	ND	1.89	94.7	2.00	2.02	
Toluene*	0.059	0.050	09/26/2013	ND	1.94	96.9	2.00	2.11	
Ethylbenzene*	<0.050	0.050	09/26/2013	ND	2.02	101	2.00	2.34	
Total Xylenes*	0.177	0.150	09/26/2013	ND	5.96	99.3	6.00	2.22	
Total BTEX	<0.300	0.300	09/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	09/26/2013	ND	416	104	400	3.77	

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	09/25/2013	ND	191	95.6	200	0.842	
DRO >C10-C28	26.6	10.0	09/25/2013	ND	184	91.8	200	1.16	

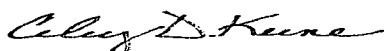
Surrogate: 1-Chlorooctane 90.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.2 % 63.6-154

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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: 09/24/2013
Reported: 09/27/2013
Project Name: OXY IBGP
Project Number: 700608.337.01
Project Location: NOT GIVEN

Sampling Date: 09/19/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-6 0' (H302318-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/26/2013	ND	1.89	94.7	2.00	2.02		
Toluene*	<0.050	0.050	09/26/2013	ND	1.94	96.9	2.00	2.11		
Ethylbenzene*	<0.050	0.050	09/26/2013	ND	2.02	101	2.00	2.34		
Total Xylenes*	<0.150	0.150	09/26/2013	ND	5.96	99.3	6.00	2.22		
Total BTEX	<0.300	0.300	09/26/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 101 % 89.4-126

Chloride, SM4500CI-B			mg/kg							Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	32.0	16.0	09/26/2013	ND	416	104	400	3.77			

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	09/25/2013	ND	191	95.6	200	0.842			
DRO >C10-C28	<10.0	10.0	09/25/2013	ND	184	91.8	200	1.16			

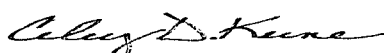
Surrogate: 1-Chlorooctane 86.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.5 % 63.6-154

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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: 09/24/2013
Reported: 09/27/2013
Project Name: OXY IBGP
Project Number: 700608.337.01
Project Location: NOT GIVEN

Sampling Date: 09/19/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-7 0' (H302318-07)

BTEx 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2013	ND	1.89	94.7	2.00	2.02	
Toluene*	0.068	0.050	09/26/2013	ND	1.94	96.9	2.00	2.11	
Ethylbenzene*	<0.050	0.050	09/26/2013	ND	2.02	101	2.00	2.34	
Total Xylenes*	<0.150	0.150	09/26/2013	ND	5.96	99.3	6.00	2.22	
Total BTEX	<0.300	0.300	09/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/26/2013	ND	416	104	400	3.77	

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	09/25/2013	ND	191	95.6	200	0.842	
DRO >C10-C28	<10.0	10.0	09/25/2013	ND	184	91.8	200	1.16	

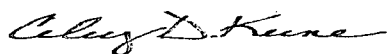
Surrogate: 1-Chlorooctane 89.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.0 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

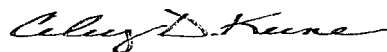
Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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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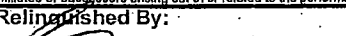

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Chlorides
TPH
BTX

Relinquished By: 		Date: <u>9/17/13</u> Received By: 		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: <u>3:08 PM</u>		Date: _____ Received By: _____		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By: _____		Time: _____		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 