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Midland, TX 79703

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RECEIVED

By JKeyes at 3:08 pm, Oct 14, 2015

APPROVED

By JKeyes at 3:08 pm, Oct 14, 2015

Jami Keyes

September 24, 2015

Kellie Jones
Environmental Specialist
New Mexico Oil Conservation Division – District 1
1625 N. French Drive
Hobbs, New Mexico 88240

Re: Remediation Summary and Site Closure Request
Three Rivers Operating Company, LLC
Eagle 2 State 6H Release Site
NMOCD Reference 1RP-3567
Unit Letter "O", Section 2, Township 20 South, Range 34 East, NMPM
Lea County, New Mexico

Dear Ms. Jones,

TRC Solutions (TRC), on behalf of Three Rivers Operating Company, LLC (3ROC) is pleased to present the New Mexico Oil Conservation Division (NMOCD), with this Remediation Summary and Site Closure Request for the crude oil and produced water release which occurred at the Eagle 2 State 6H well site. The Eagle 2 State 6H well site is located approximately sixteen (16) miles west of Monument in Lea County, New Mexico. The release site is located in Unit Letter "O", Section 2, Township 20 South, Range 34 East. The GPS coordinates for the site are N 32.5958° and W 103.5287°. The property landowner is The State of New Mexico Land Trust. A Site Location Map is provided as Figure 1.

On February 16, 2015, a crude oil and produced water release occurred at the Eagle 2 State 6H Well site. According to a 3ROC representative, "An offset operator frac'd into our well and caused a small stuffing box leak which led to a release at the battery inside the containment with plastic liner. Location (Well site) had 1 bbl of oil and 30 bbls of water at well and 10 bbls of oil and 220 bbls of water at the battery inside the containment." Please note, according to 3ROC, the Eagle 2 State 3 Release (1RP-3566) and the Eagle 2 State 6H Release (1RP-3567) are attributed to a single incident. According to 3ROC, approximately eleven (11) bbls of crude oil were released and recovered at the Eagle 2 State 6H well site and placed in the crude oil storage tanks. In addition, approximately thirty (30) bbls of produced water were released and transported to a Salt Water Disposal (SWD) facility. For reference, attached Figure 2 depicts the impacted area and the soil sample locations at the 3ROC Eagle 2 State 6H well site Release Site. The NMOCD Form C-141 (Release Notification and Corrective Action) is attached.

A database maintained by the New Mexico Office of the State Engineer did not identify any registered water wells in Section 2, Township 20 South, Range 34 East. A reference map utilized by the New

Mexico Oil Conservation Division (NMOCD) Hobbs District Office, indicates groundwater should be encountered at approximately ninety (90) feet below ground surface (bgs). No water wells or surface water was observed within one thousand (1,000) feet of the release. Based on the NMOCD Site Classification criteria, the Release Site remediation levels are 10 mg/Kg for benzene, 50 mg/Kg for benzene, toluene, ethylbenzene, and toluene (BTEX) and 1,000 mg/Kg for total petroleum hydrocarbons (TPH). Generally, the NMOCD approves leaving chloride concentrations less than 500 mg/Kg in place if the depth to groundwater in the release area is less than one hundred (100) bgs and greater than fifty (50) feet bgs, provided vertical delineation to 250 mg/Kg is achieved.

According to 3ROC, "field staff cleaned inside the tank battery and scraped up the dirt that was affected at the wellhead and hauled off". On March 30, 2015, TRC collected two (2) soil samples (S1 @ 3" and S2 @ 3") and submitted the soil samples to Permian Basin Environmental Lab, LP in Midland, Texas. Soil samples were analyzed for concentrations of BTEX using Method SW846-8021B, TPH using Method SW846-8015M, and chloride using Method E300.0.

The analytical results indicated, benzene concentrations ranged from 0.0167 mg/Kg for soil sample S2 @ 3" to 0.861 mg/Kg for soil sample S1 @ 3". BTEX concentrations ranged from 0.5857 mg/Kg for soil sample S2 @ 3" to 20.461 mg/Kg for soil sample S1 @ 3". TPH concentrations ranged from 14,540 mg/Kg for soil sample S1 @ 3" to 19,110 mg/Kg for soil sample S2 @ 3". Chloride concentrations ranged from 368 mg/Kg for soil sample S2 @ 3" to 4,270 for soil sample S1 @ 3". Please reference Figure 2 for soil sample locations. A table summarizing Benzene, BTEX, TPH, and Chloride Concentrations in Soil is provided as Table 1. Laboratory analytical data is provided.

Based on the analytical results, additional remediation and vertical delineation was warranted at the release site. According to 3ROC, a roustabout crew scraped approximately three (3) inches of soil from the impacted area.

On May 18, 2015, TRC collected two (2) soil samples (S1a @ 6" and S2a @ 1') and the soil samples were submitted to the laboratory for analysis. The analytical results indicated benzene and BTEX concentrations were less than the appropriate laboratory MDL for all soil samples. TPH concentrations ranged from less than the laboratory MDL of 26.6 mg/Kg for soil sample S2a @ 1' to 982 mg/Kg for soil sample S1a @ 6". Chloride concentrations ranged from less than the laboratory MDL of 1.06 mg/Kg for soil sample S2a @ 1' to 280 mg/Kg for soil sample S1a @ 6". Please reference Figure 2 for soil sample locations.

Based on the analytical results, additional remediation and vertical delineation of chloride impact was warranted in the area represented by soil sample S1a @ 6".

On June 12, 2015, a hand auger was utilized to vertically delineate the area represented by soil sample S1a @ 6". Soil samples were collected at nine (9) inches (S1b @ 9") and twelve (12) inches bgs (S1c @ 12") and submitted to the laboratory for chloride analysis. The analytical results indicated, chloride concentrations ranged from 6.99 mg/Kg for soil sample S1c @ 12" to 23.3 mg/Kg for soil sample S1b @ 9".

Based on the analytical results, 3ROC requests the NMOCD approve Site Closure Status for the Eagle 2 State 6H Release Site.

TRC has prepared this Remediation Summary and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

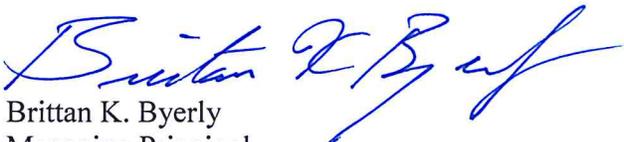
This report has been prepared for the benefit of Three Rivers Operating Company, LLC. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or Three Rivers Operating Company, LLC.

If you have any questions, or if additional information is needed, please feel free to call me at 432-520-7720 (office) or 432-559-3296 (cell).

Thank you,



Curt D. Stanley
Senior Project Manager
TRC Solutions, Inc.

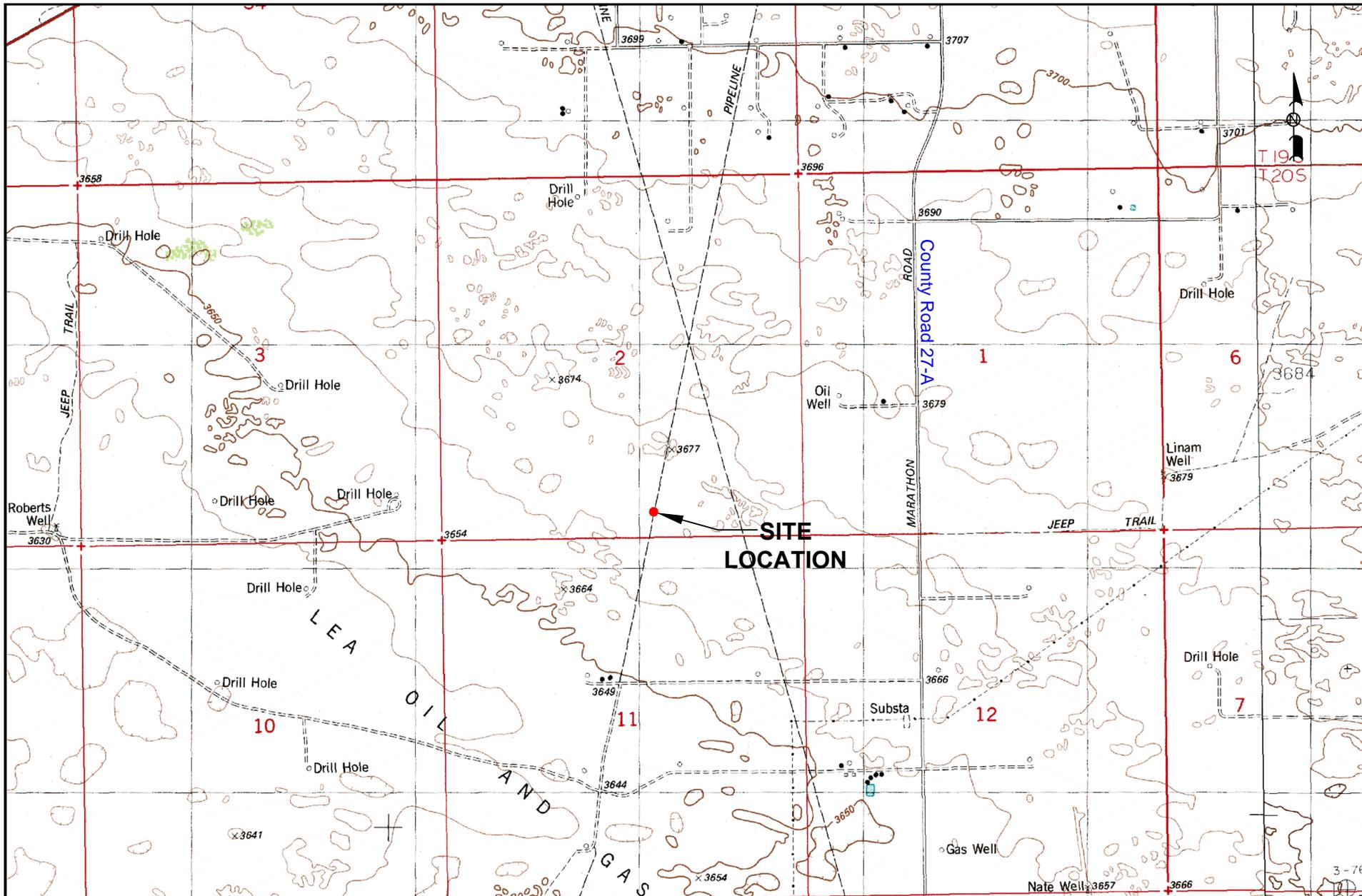


Brittan K. Byerly
Managing Principal
TRC Solutions, Inc.

Attachments:

Figure 1 - Site Location Map
Figure 2 - Site Details Schematic and Soil Sample Locations Map
Table 1 – Benzene, BTEX, TPH, and Chloride Concentrations in Soil
Laboratory Analytical Reports
NMOCD Form C-141

cc: Three Rivers Operating Company, LLC.
file



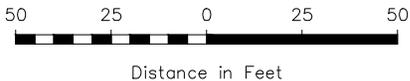
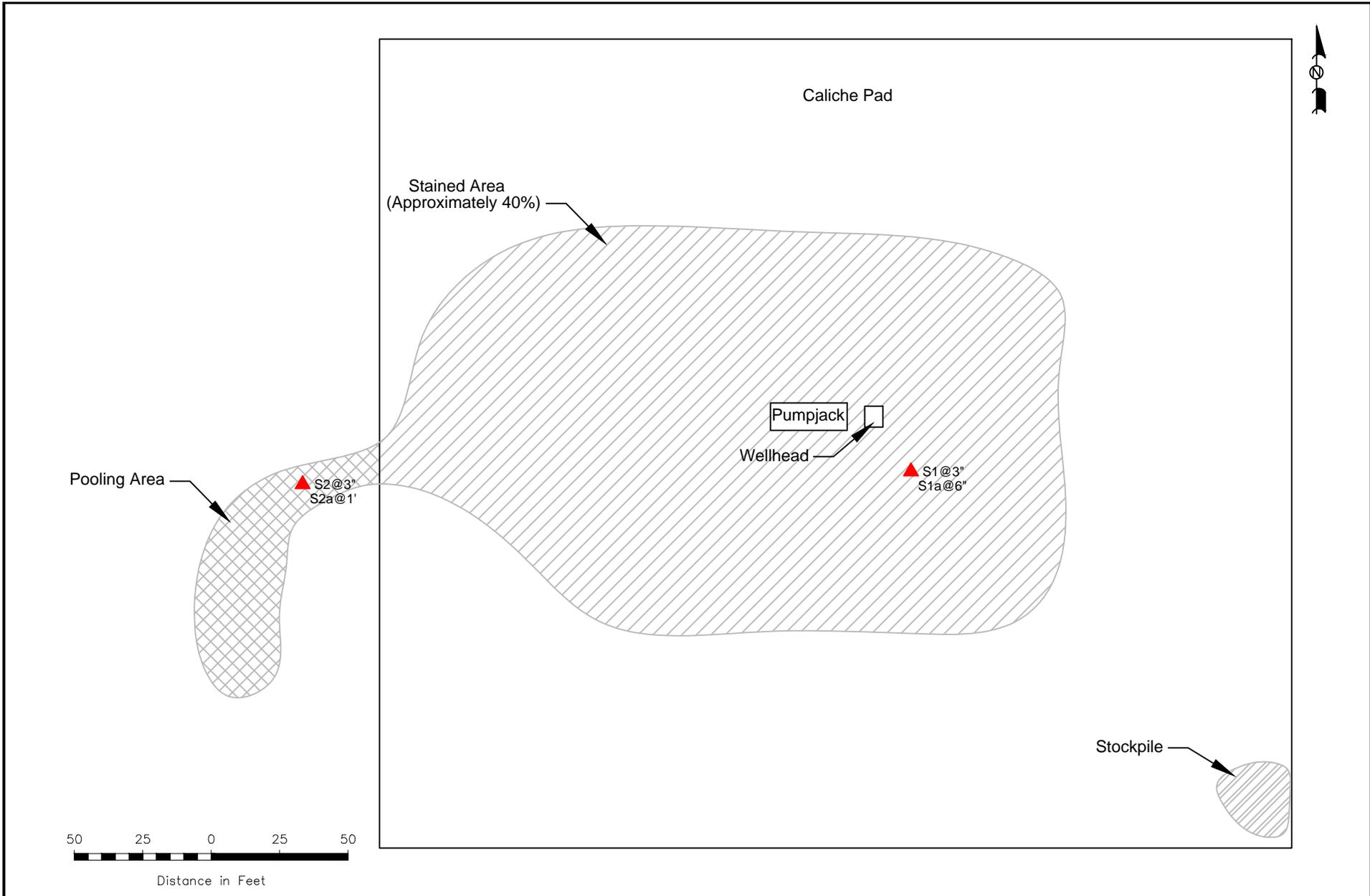
LEGEND:

Distance in Feet

Figure 1
 Site Location Map
 Three Rivers Operating Company LLC
 Eagle 2 State 6H
 Lea County, NM

Scale: 1" = 2000'
CAD By: TA
Checked By: CS
Draft: April 7, 2015
Lat. N 32.5958° Long. W 103.5287°
SW1/4 SE1/4 Sec 2 T20S R34E

2057 Commerce Drive
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 432.520.7720



<p>LEGEND:</p> <p>▲ Soil Sample Location</p>	<p>Figure 2 Site Details & Soil Sample Location Map Three Rivers Operating Company LLC Eagle 2 State 6H Lea County, NM</p>	<p>Scale: 1" = 50' CAD By: TA Checked By: CS Draft: April 7, 2015 Lat. N 32.5958° Long. W 103.5287° SW1/4 SE1/4 Sec 2 T20S R34E</p>	 <p>2057 Commerce Drive Midland, Texas 79703 432.520.7720</p>
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TABLE 1
BENZENE, BTEX, TPH AND CHLORIDE CONCENTRATIONS IN SOIL
THREE RIVERS OPERATING
EAGLE 2 STATE 6H (WELL #6)
LEA COUNTY, NEW MEXICO

All Concentrations are reported in mg/Kg

SAMPLE DATE	SAMPLE LOCACTION	SAMPLE DEPTH	EPA SW 846-8015M				EPA SW 846-8021B, 5030						E 300.1
			GRO C6-C12 mg/Kg	DRO C12-C28 mg/Kg	ORO C28-C35 mg/Kg	TPH C ₆ -C ₃₅	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENES	BTEX	CHLORIDE
NMOC D REGULATORY GUIDELINE			-	-	-	1,000	10	-	-	-	-	50	500
03/30/15	S1 @ 3"	3"	2,130	11,000	1,410	14,540	0.861	5.05	3.85	10.7	3.75	20.461	4,270
05/18/15	S1a @ 6"	6"	<28.4	835	147	982	<0.00114	<0.00227	<0.00114	<0.00227	<0.00114	<0.00227	280
03/30/15	S2 @ 3"	3"	1,660	15,800	1,650	19,110	0.0167	0.0631	0.0819	0.424	0.101	0.5857	368
05/18/15	S2a @ 1'	1'	<26.6	<26.6	<26.6	<26.6	<0.00106	<0.00213	<0.00106	<0.00213	<0.00106	<0.00213	<1.06

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706**



Analytical Report

Prepared for:

Curt Stanley
TRC Solutions- Midland, Texas
2057 Commerce Street
Midland, TX 79703

Project: Three Rivers Eagle 2 State 6H (Well #6)

Project Number: 234320

Location: Lea County, NM

Lab Order Number: 5C31006



NELAP/TCEQ # T104704156-13-3

Report Date: 04/06/15

TRC Solutions- Midland, Texas
2057 Commerce Street
Midland TX, 79703

Project: Three Rivers Eagle 2 State 6H (Well #6)
Project Number: 234320
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S1 @ 3"	5C31006-01	Soil	03/30/15 11:00	03-31-2015 12:03
S2 @ 3"	5C31006-02	Soil	03/30/15 11:10	03-31-2015 12:03

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 Project Manager: Curt Stanley

Fax: (432) 520-7701

S1 @ 3"
5C31006-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.861	0.0215	mg/kg dry	20	P5D0203	04/01/15	04/01/15	EPA 8021B	
Toluene	5.05	0.0430	mg/kg dry	20	P5D0203	04/01/15	04/01/15	EPA 8021B	
Ethylbenzene	3.85	0.0215	mg/kg dry	20	P5D0203	04/01/15	04/01/15	EPA 8021B	
Xylene (p/m)	10.7	0.0430	mg/kg dry	20	P5D0203	04/01/15	04/01/15	EPA 8021B	
Xylene (o)	3.75	0.0215	mg/kg dry	20	P5D0203	04/01/15	04/01/15	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	75-125		P5D0203	04/01/15	04/01/15	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		103 %	75-125		P5D0203	04/01/15	04/01/15	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4270	26.9	mg/kg dry	25	P5D0301	03/31/15	03/31/15	EPA 300.0	
% Moisture	7.0	0.1	%	1	P5D0105	04/01/15	04/01/15	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	2130	134	mg/kg dry	5	P5D0107	03/31/15	03/31/15	TPH 8015M	
>C12-C28	11000	134	mg/kg dry	5	P5D0107	03/31/15	03/31/15	TPH 8015M	
>C28-C35	1410	134	mg/kg dry	5	P5D0107	03/31/15	03/31/15	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		116 %	70-130		P5D0107	03/31/15	03/31/15	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		116 %	70-130		P5D0107	03/31/15	03/31/15	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	14500	134	mg/kg dry	5	[CALC]	03/31/15	03/31/15	calc	

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S2 @ 3"
5C31006-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0167	0.00104	mg/kg dry	1	P5D0203	04/01/15	04/01/15	EPA 8021B	
Toluene	0.0631	0.00208	mg/kg dry	1	P5D0203	04/01/15	04/01/15	EPA 8021B	
Ethylbenzene	0.0819	0.00104	mg/kg dry	1	P5D0203	04/01/15	04/01/15	EPA 8021B	
Xylene (p/m)	0.424	0.00208	mg/kg dry	1	P5D0203	04/01/15	04/01/15	EPA 8021B	
Xylene (o)	0.101	0.00104	mg/kg dry	1	P5D0203	04/01/15	04/01/15	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	75-125		P5D0203	04/01/15	04/01/15	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		58.7 %	75-125		P5D0203	04/01/15	04/01/15	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	368	1.04	mg/kg dry	1	P5D0301	03/31/15	03/31/15	EPA 300.0	
% Moisture	4.0	0.1	%	1	P5D0105	04/01/15	04/01/15	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1660	130	mg/kg dry	5	P5D0107	03/31/15	03/31/15	TPH 8015M	
>C12-C28	15800	130	mg/kg dry	5	P5D0107	03/31/15	03/31/15	TPH 8015M	
>C28-C35	1650	130	mg/kg dry	5	P5D0107	03/31/15	03/31/15	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		107 %	70-130		P5D0107	03/31/15	03/31/15	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		110 %	70-130		P5D0107	03/31/15	03/31/15	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	19100	130	mg/kg dry	5	[CALC]	03/31/15	03/31/15	calc	

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**Organics by GC - Quality Control
 Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5D0203 - General Preparation (GC)

Blank (P5D0203-BLK1)										
										Prepared & Analyzed: 04/01/15
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>52.4</i>		<i>ug/kg</i>	<i>60.0</i>		<i>87.3</i>	<i>75-125</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>66.7</i>		<i>"</i>	<i>60.0</i>		<i>111</i>	<i>75-125</i>			

LCS (P5D0203-BS1)										
										Prepared & Analyzed: 04/01/15
Benzene	0.105	0.00100	mg/kg wet	0.100		105	70-130			
Toluene	0.113	0.00200	"	0.100		113	70-130			
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130			
Xylene (p/m)	0.233	0.00200	"	0.200		116	70-130			
Xylene (o)	0.117	0.00100	"	0.100		117	70-130			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>60.1</i>		<i>ug/kg</i>	<i>60.0</i>		<i>100</i>	<i>75-125</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>67.9</i>		<i>"</i>	<i>60.0</i>		<i>113</i>	<i>75-125</i>			

LCS Dup (P5D0203-BSD1)										
										Prepared & Analyzed: 04/01/15
Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130	1.01	20	
Toluene	0.116	0.00200	"	0.100		116	70-130	2.64	20	
Ethylbenzene	0.110	0.00100	"	0.100		110	70-130	0.190	20	
Xylene (p/m)	0.228	0.00200	"	0.200		114	70-130	2.18	20	
Xylene (o)	0.117	0.00100	"	0.100		117	70-130	0.428	20	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>66.5</i>		<i>ug/kg</i>	<i>60.0</i>		<i>111</i>	<i>75-125</i>			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>62.4</i>		<i>"</i>	<i>60.0</i>		<i>104</i>	<i>75-125</i>			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5D0105 - *** DEFAULT PREP ***										
Blank (P5D0105-BLK1) Prepared & Analyzed: 04/01/15										
% Moisture	ND	0.1	%							
Duplicate (P5D0105-DUP1) Source: 5C31003-01 Prepared & Analyzed: 04/01/15										
% Moisture	ND	0.1	%		0.0				20	
Duplicate (P5D0105-DUP2) Source: 5C31003-05 Prepared & Analyzed: 04/01/15										
% Moisture	ND	0.1	%		0.0				20	
Duplicate (P5D0105-DUP3) Source: 5C31004-03 Prepared & Analyzed: 04/01/15										
% Moisture	ND	0.1	%		0.0				20	
Batch P5D0301 - *** DEFAULT PREP ***										
Blank (P5D0301-BLK1) Prepared & Analyzed: 03/31/15										
Chloride	ND	1.00	mg/kg wet							
LCS (P5D0301-BS1) Prepared & Analyzed: 03/31/15										
Chloride	104	1.00	mg/kg wet	100		104	80-120			
LCS Dup (P5D0301-BSD1) Prepared & Analyzed: 03/31/15										
Chloride	104	1.00	mg/kg wet	100		104	80-120	0.00	20	
Duplicate (P5D0301-DUP1) Source: 5C31005-01 Prepared & Analyzed: 03/31/15										
Chloride	402	1.09	mg/kg dry		398			0.973	20	
Matrix Spike (P5D0301-MS1) Source: 5C31005-01 Prepared & Analyzed: 03/31/15										
Chloride	470	1.09	mg/kg dry	109	398	66.2	80-120			QR-01

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5D0107 - TX 1005										
Blank (P5D0107-BLK1)										
Prepared & Analyzed: 03/31/15										
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	90.9		"	100		90.9	70-130			
Surrogate: o-Terphenyl	53.4		"	50.0		107	70-130			
LCS (P5D0107-BS1)										
Prepared & Analyzed: 03/31/15										
C6-C12	843	25.0	mg/kg wet	1000		84.3	75-125			
>C12-C28	871	25.0	"	1000		87.1	75-125			
Surrogate: 1-Chlorooctane	109		"	100		109	70-130			
Surrogate: o-Terphenyl	50.1		"	50.0		100	70-130			
LCS Dup (P5D0107-BSD1)										
Prepared & Analyzed: 03/31/15										
C6-C12	847	25.0	mg/kg wet	1000		84.7	75-125	0.488	20	
>C12-C28	849	25.0	"	1000		84.9	75-125	2.58	20	
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	48.7		"	50.0		97.5	70-130			
Matrix Spike (P5D0107-MS1)										
Source: 5C31007-02 Prepared: 03/31/15 Analyzed: 04/01/15										
C6-C12	955	30.5	mg/kg dry	1220		78.3	75-125			
>C12-C28	1080	30.5	"	1220		88.8	75-125			
Surrogate: 1-Chlorooctane	127		"	122		104	70-130			
Surrogate: o-Terphenyl	63.6		"	61.0		104	70-130			
Matrix Spike Dup (P5D0107-MSD1)										
Source: 5C31007-02 Prepared: 03/31/15 Analyzed: 04/01/15										
C6-C12	1030	30.5	mg/kg dry	1220		84.3	75-125	7.35	20	
>C12-C28	1150	30.5	"	1220		94.6	75-125	6.29	20	
Surrogate: 1-Chlorooctane	151		"	122		123	70-130			
Surrogate: o-Terphenyl	68.1		"	61.0		112	70-130			

TRC Solutions- Midland, Texas
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Project: Three Rivers Eagle 2 State 6H (Well #6)
Project Number: 234320
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

QR-01 Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By: _____



Date: 4/6/2015

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706**



Analytical Report

Prepared for:

Geoff Leking
TRC Solutions- Midland, Texas
2057 Commerce Street
Midland, TX 79703

Project: Three Rivers Eagle 2 State 6H

Project Number: 234320

Location: Lea County, New Mexico

Lab Order Number: 5E19008



NELAP/TCEQ # T104704156-13-3

Report Date: 05/28/15

TRC Solutions- Midland, Texas
2057 Commerce Street
Midland TX, 79703

Project: Three Rivers Eagle 2 State 6H
Project Number: 234320
Project Manager: Geoff Leking

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1a @ 6"	5E19008-01	Soil	05/18/15 11:45	05-19-2015 10:36
S-2a @ 1'	5E19008-02	Soil	05/18/15 12:00	05-19-2015 10:36

S-1a @ 6"
5E19008-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00114	mg/kg dry	1	P5E2802	05/22/15	05/23/15	EPA 8021B	
Toluene	ND	0.00227	mg/kg dry	1	P5E2802	05/22/15	05/23/15	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P5E2802	05/22/15	05/23/15	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P5E2802	05/22/15	05/23/15	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P5E2802	05/22/15	05/23/15	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		107 %	75-125		P5E2802	05/22/15	05/23/15	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		125 %	75-125		P5E2802	05/22/15	05/23/15	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	280	1.14	mg/kg dry	1	P5E2107	05/19/15	05/21/15	EPA 300.0	
% Moisture	12.0	0.1	%	1	P5E2001	05/20/15	05/20/15	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	28.4	mg/kg dry	1	P5E2102	05/19/15	05/20/15	TPH 8015M	
>C12-C28	835	28.4	mg/kg dry	1	P5E2102	05/19/15	05/20/15	TPH 8015M	
>C28-C35	147	28.4	mg/kg dry	1	P5E2102	05/19/15	05/20/15	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		55.8 %	70-130		P5E2102	05/19/15	05/20/15	TPH 8015M	S-GC
<i>Surrogate: o-Terphenyl</i>		71.5 %	70-130		P5E2102	05/19/15	05/20/15	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	982	28.4	mg/kg dry	1	[CALC]	05/19/15	05/20/15	calc	

TRC Solutions- Midland, Texas
 2057 Commerce Street
 Midland TX, 79703

Project: Three Rivers Eagle 2 State 6H
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 Project Manager: Geoff Leking

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S-2a @ 1'
5E19008-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00106	mg/kg dry	1	P5E2704	05/26/15	05/26/15	EPA 8021B	
Toluene	ND	0.00213	mg/kg dry	1	P5E2704	05/26/15	05/26/15	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5E2704	05/26/15	05/26/15	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5E2704	05/26/15	05/26/15	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5E2704	05/26/15	05/26/15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		138 %	75-125		P5E2704	05/26/15	05/26/15	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		88.1 %	75-125		P5E2704	05/26/15	05/26/15	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.06	mg/kg dry	1	P5E2107	05/19/15	05/21/15	EPA 300.0	
% Moisture	6.0	0.1	%	1	P5E2001	05/20/15	05/20/15	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P5E2102	05/19/15	05/20/15	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P5E2102	05/19/15	05/20/15	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P5E2102	05/19/15	05/20/15	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-130		P5E2102	05/19/15	05/20/15	TPH 8015M	
Surrogate: o-Terphenyl		138 %	70-130		P5E2102	05/19/15	05/20/15	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	05/19/15	05/20/15	calc	

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5E2704 - TX 1005

Blank (P5E2704-BLK1) Prepared & Analyzed: 05/26/15										
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0656		"	0.0500		131	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.0472		"	0.0500		94.5	75-125			

LCS (P5E2704-BS1) Prepared & Analyzed: 05/26/15										
Benzene	0.0812	0.00100	mg/kg wet	0.100		81.2	70-130			
Toluene	0.0922	0.00200	"	0.100		92.2	70-130			
Ethylbenzene	0.107	0.00100	"	0.100		107	70-130			
Xylene (p/m)	0.212	0.00200	"	0.200		106	70-130			
Xylene (o)	0.107	0.00100	"	0.100		107	70-130			
Surrogate: 4-Bromofluorobenzene	0.0636		"	0.0500		127	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.0538		"	0.0500		108	75-125			

LCS Dup (P5E2704-BSD1) Prepared & Analyzed: 05/26/15										
Benzene	0.0850	0.00100	mg/kg wet	0.100		85.0	70-130	4.50	20	
Toluene	0.0971	0.00200	"	0.100		97.1	70-130	5.19	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	70-130	6.44	20	
Xylene (p/m)	0.223	0.00200	"	0.200		111	70-130	4.65	20	
Xylene (o)	0.112	0.00100	"	0.100		112	70-130	4.60	20	
Surrogate: 4-Bromofluorobenzene	0.0643		"	0.0500		129	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.0542		"	0.0500		108	75-125			

Batch P5E2802 - TX 1005

Blank (P5E2802-BLK1) Prepared & Analyzed: 05/22/15										
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0524		"	0.0500		105	75-125			
Surrogate: 4-Bromofluorobenzene	0.0621		"	0.0500		124	75-125			

TRC Solutions- Midland, Texas
 2057 Commerce Street
 Midland TX, 79703

Project: Three Rivers Eagle 2 State 6H
 Project Number: 234320
 Project Manager: Geoff Leking

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5E2802 - TX 1005

LCS (P5E2802-BS1)

Prepared & Analyzed: 05/22/15

Benzene	0.0947	0.00100	mg/kg wet	0.100		94.7	70-130			
Toluene	0.108	0.00200	"	0.100		108	70-130			
Ethylbenzene	0.109	0.00100	"	0.100		109	70-130			
Xylene (p/m)	0.213	0.00200	"	0.200		106	70-130			
Xylene (o)	0.104	0.00100	"	0.100		104	70-130			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>0.0663</i>		"	<i>0.0500</i>		<i>133</i>	<i>75-125</i>			<i>S-GC</i>
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0580</i>		"	<i>0.0500</i>		<i>116</i>	<i>75-125</i>			

LCS Dup (P5E2802-BSD1)

Prepared & Analyzed: 05/22/15

Benzene	0.0911	0.00100	mg/kg wet	0.100		91.1	70-130	3.89	20	
Toluene	0.103	0.00200	"	0.100		103	70-130	4.68	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	70-130	0.302	20	
Xylene (p/m)	0.213	0.00200	"	0.200		107	70-130	0.413	20	
Xylene (o)	0.104	0.00100	"	0.100		104	70-130	0.615	20	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0600</i>		"	<i>0.0500</i>		<i>120</i>	<i>75-125</i>			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>0.0616</i>		"	<i>0.0500</i>		<i>123</i>	<i>75-125</i>			

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 Midland TX, 79703

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5E2001 - *** DEFAULT PREP ***										
Blank (P5E2001-BLK1) Prepared & Analyzed: 05/20/15										
% Moisture	ND	0.1	%							
Duplicate (P5E2001-DUP1) Source: 5E19006-03 Prepared & Analyzed: 05/20/15										
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P5E2001-DUP2) Source: 5E19013-01 Prepared & Analyzed: 05/20/15										
% Moisture	29.0	0.1	%		30.0			3.39	20	
Batch P5E2107 - *** DEFAULT PREP ***										
Blank (P5E2107-BLK1) Prepared: 05/19/15 Analyzed: 05/21/15										
Chloride	ND	1.00	mg/kg wet							
LCS (P5E2107-BS1) Prepared: 05/19/15 Analyzed: 05/21/15										
Chloride	105	1.00	mg/kg wet	100		105	80-120			
LCS Dup (P5E2107-BSD1) Prepared: 05/19/15 Analyzed: 05/21/15										
Chloride	101	1.00	mg/kg wet	100		101	80-120	3.09	20	
Duplicate (P5E2107-DUP1) Source: 5E05003-09 Prepared: 05/19/15 Analyzed: 05/21/15										
Chloride	187	1.06	mg/kg dry		188			0.550	20	
Matrix Spike (P5E2107-MS1) Source: 5E05003-09 Prepared: 05/19/15 Analyzed: 05/21/15										
Chloride	286	1.06	mg/kg dry	106	188	91.8	80-120			

TRC Solutions- Midland, Texas
 2057 Commerce Street
 Midland TX, 79703

Project: Three Rivers Eagle 2 State 6H
 Project Number: 234320
 Project Manager: Geoff Leking

Fax: (432) 520-7701

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5E2102 - TX 1005										
Blank (P5E2102-BLK1)										
Prepared & Analyzed: 05/19/15										
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	64.9		"	100		64.9	70-130			S-GC
Surrogate: o-Terphenyl	39.4		"	50.0		78.9	70-130			
LCS (P5E2102-BS1)										
Prepared & Analyzed: 05/19/15										
C6-C12	941	25.0	mg/kg wet	1000		94.1	75-125			
>C12-C28	1140	25.0	"	1000		114	75-125			
Surrogate: 1-Chlorooctane	90.4		"	100		90.4	70-130			
Surrogate: o-Terphenyl	46.8		"	50.0		93.6	70-130			
LCS Dup (P5E2102-BSD1)										
Prepared & Analyzed: 05/19/15										
C6-C12	899	25.0	mg/kg wet	1000		89.9	75-125	4.62	20	
>C12-C28	1120	25.0	"	1000		112	75-125	1.48	20	
Surrogate: 1-Chlorooctane	88.3		"	100		88.3	70-130			
Surrogate: o-Terphenyl	41.4		"	50.0		82.8	70-130			
Duplicate (P5E2102-DUP1)										
Source: 5E19009-02										
Prepared: 05/19/15 Analyzed: 05/20/15										
C6-C12	100	28.4	mg/kg dry		90.5			10.1	20	
>C12-C28	2360	28.4	"		2130			10.5	20	
Surrogate: 1-Chlorooctane	74.5		"	114		65.5	70-130			S-GC
Surrogate: o-Terphenyl	46.5		"	56.8		81.9	70-130			

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:



Date:

5/28/2015

Brent Barron, Laboratory Director/Technical Director

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**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706**



Analytical Report

Prepared for:

Geoff Leking
TRC Solutions- Midland, Texas
2057 Commerce Street
Midland, TX 79703

Project: Three Rivers Eagle 2 State 6H

Project Number: 234320

Location: Lea County, New Mexico

Lab Order Number: 5F15005



NELAP/TCEQ # T104704156-13-3

Report Date: 06/22/15

TRC Solutions- Midland, Texas
2057 Commerce Street
Midland TX, 79703

Project: Three Rivers Eagle 2 State 6H
Project Number: 234320
Project Manager: Geoff Leking

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S1b @ 9"	5F15005-01	Soil	06/12/15 09:10	06-15-2015 11:55
S1c @ 12"	5F15005-02	Soil	06/12/15 09:30	06-15-2015 11:55

TRC Solutions- Midland, Texas
2057 Commerce Street
Midland TX, 79703

Project: Three Rivers Eagle 2 State 6H
Project Number: 234320
Project Manager: Geoff Leking

Fax: (432) 520-7701

S1b @ 9"
5F15005-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	23.3	1.03	mg/kg dry	1	P5F1804	06/17/15	06/18/15	EPA 300.0	
% Moisture	3.0	0.1	%	1	P5F1607	06/16/15	06/16/15	% calculation	

TRC Solutions- Midland, Texas
2057 Commerce Street
Midland TX, 79703

Project: Three Rivers Eagle 2 State 6H
Project Number: 234320
Project Manager: Geoff Leking

Fax: (432) 520-7701

S1c @ 12"
5F15005-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	6.99	1.05	mg/kg dry	1	P5F1804	06/17/15	06/18/15	EPA 300.0	
% Moisture	5.0	0.1	%	1	P5F1607	06/16/15	06/16/15	% calculation	

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5F1607 - *** DEFAULT PREP ***										
Blank (P5F1607-BLK1) Prepared & Analyzed: 06/16/15										
% Moisture	ND	0.1	%							
Duplicate (P5F1607-DUP1) Source: 5F11016-02 Prepared & Analyzed: 06/16/15										
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P5F1607-DUP2) Source: 5F12001-01 Prepared & Analyzed: 06/16/15										
% Moisture	2.0	0.1	%		1.0			66.7	20	
Duplicate (P5F1607-DUP3) Source: 5F15005-01 Prepared & Analyzed: 06/16/15										
% Moisture	3.0	0.1	%		3.0			0.00	20	
Batch P5F1804 - *** DEFAULT PREP ***										
Blank (P5F1804-BLK1) Prepared: 06/17/15 Analyzed: 06/18/15										
Chloride	ND	1.00	mg/kg wet							
LCS (P5F1804-BS1) Prepared: 06/17/15 Analyzed: 06/18/15										
Chloride	104	1.00	mg/kg wet	100		104	80-120			
Duplicate (P5F1804-DUP1) Source: 5F16002-01 Prepared: 06/17/15 Analyzed: 06/18/15										
Chloride	3920	27.8	mg/kg dry		3940			0.601	20	
Duplicate (P5F1804-DUP2) Source: 5F10011-11 Prepared: 06/17/15 Analyzed: 06/18/15										
Chloride	4160	28.4	mg/kg dry		4190			0.776	20	
Matrix Spike (P5F1804-MS1) Source: 5F16002-01 Prepared: 06/17/15 Analyzed: 06/18/15										
Chloride	5580	27.8	mg/kg dry	1670	3940	98.3	80-120			

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:



Date:

6/22/2015

Brent Barron, Laboratory Director/Technical Director

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Geoff LeKing

Company Name: TRC Solutions, Inc.

Company Address: 2057 Commerce Dr.

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720

Sampler Signature: *Geoff LeKing*

e-mail: gkleking@trcsolutions.com

Fax No: _____

Report Format: Standard TRRP NPDES

Project Name: Three Rivers Operating Co. Eagle 2 State 6

Project #: 2 3 4 3 2 0

Project Loc: Lea County, New Mexico

PO #: _____

ORDER #: **SFK5005**

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT	
	S1b @ 9"			6/12/2015	910		1	X								S															
	S1c @ 24"				930																										

Special Instructions: _____

Relinquished by: *Geoff LeKing* Date: *6/15/15* Time: *1155* Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: *6/15/15* Time: *1155*

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Laboratory Comments: _____

Sample Containers Intact? Y N

VOOCs Free of Headspace? Y N

Labels on containers? Y N

Custody seals on container(s)? Y N

Custody seals on cooler(s)? Y N

Sample Hand Delivered by Sampler/Client Rep. ? Y N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: _____ °C _____ °F

Received: _____

Adjusted: _____ °C _____ °F

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706**



Analytical Report

Prepared for:

Geoff Leking
TRC Solutions- Midland, Texas
2057 Commerce Street
Midland, TX 79703

Project: Three Rivers Eagle 2 State 6H
Project Number: 234320
Location: Lea County, New Mexico
Lab Order Number: 5F15005



NELAP/TCEQ # T104704156-13-3

Report Date: 06/22/15

TRC Solutions- Midland, Texas
2057 Commerce Street
Midland TX, 79703

Project: Three Rivers Eagle 2 State 6H
Project Number: 234320
Project Manager: Geoff Leking

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S1b @ 9"	5F15005-01	Soil	06/12/15 09:10	06-15-2015 11:55
S1c @ 12"	5F15005-02	Soil	06/12/15 09:30	06-15-2015 11:55

TRC Solutions- Midland, Texas
2057 Commerce Street
Midland TX, 79703

Project: Three Rivers Eagle 2 State 6H
Project Number: 234320
Project Manager: Geoff Leking

Fax: (432) 520-7701

S1b @ 9"
5F15005-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	23.3	1.03	mg/kg dry	1	P5F1804	06/17/15	06/18/15	EPA 300.0	
% Moisture	3.0	0.1	%	1	P5F1607	06/16/15	06/16/15	% calculation	

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S1c @ 12"
5F15005-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	6.99	1.05	mg/kg dry	1	P5F1804	06/17/15	06/18/15	EPA 300.0	
% Moisture	5.0	0.1	%	1	P5F1607	06/16/15	06/16/15	% calculation	

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5F1607 - *** DEFAULT PREP ***										
Blank (P5F1607-BLK1) Prepared & Analyzed: 06/16/15										
% Moisture	ND	0.1	%							
Duplicate (P5F1607-DUP1) Source: 5F11016-02 Prepared & Analyzed: 06/16/15										
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P5F1607-DUP2) Source: 5F12001-01 Prepared & Analyzed: 06/16/15										
% Moisture	2.0	0.1	%		1.0			66.7	20	
Duplicate (P5F1607-DUP3) Source: 5F15005-01 Prepared & Analyzed: 06/16/15										
% Moisture	3.0	0.1	%		3.0			0.00	20	
Batch P5F1804 - *** DEFAULT PREP ***										
Blank (P5F1804-BLK1) Prepared: 06/17/15 Analyzed: 06/18/15										
Chloride	ND	1.00	mg/kg wet							
LCS (P5F1804-BS1) Prepared: 06/17/15 Analyzed: 06/18/15										
Chloride	104	1.00	mg/kg wet	100		104	80-120			
Duplicate (P5F1804-DUP1) Source: 5F16002-01 Prepared: 06/17/15 Analyzed: 06/18/15										
Chloride	3920	27.8	mg/kg dry		3940			0.601	20	
Duplicate (P5F1804-DUP2) Source: 5F10011-11 Prepared: 06/17/15 Analyzed: 06/18/15										
Chloride	4160	28.4	mg/kg dry		4190			0.776	20	
Matrix Spike (P5F1804-MS1) Source: 5F16002-01 Prepared: 06/17/15 Analyzed: 06/18/15										
Chloride	5580	27.8	mg/kg dry	1670	3940	98.3	80-120			

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:



Date:

6/22/2015

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Geoff LeKing

Company Name: TRC Solutions, Inc.

Company Address: 2057 Commerce Dr.

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720

Sampler Signature: *Geoff LeKing*

e-mail: gkleking@trcsolutions.com

Fax No: _____

Report Format: Standard TRRP NPDES

Project Name: Three Rivers Operating Co. Eagle 2 State 6

Project #: 2 3 4 3 2 0

Project Loc: Lea County, New Mexico

PO #: _____

ORDER #: **SFK5005**

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT	
	S1b @ 9"			6/12/2015	9:10		1	X								S															
	S1c @ 24"				9:30																										

Special Instructions: _____

Relinquished by: *Geoffrey LeKing* Date: *6/15/15* Time: *1:55* Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: *6/15/15* Time: *1:55*

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Laboratory Comments: _____

Sample Containers Intact? Y N

VOOCs Free of Headspace? Y N

Labels on containers? Y N

Custody seals on container(s)? Y N

Custody seals on cooler(s)? Y N

Sample Hand Delivered by Sampler/Client Rep. ? Y N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: _____ °C _____ °F

Received: _____

Adjusted: _____ °C _____ °F

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company Three Rivers Operating Co LLC	Contact Anne Maness
Address 5301 Southwest Pkwy #400 Austin, TX 78735	Telephone No. 512-600-3195
Facility Name Eagle 2 State 6H	Facility Type Well
Surface Owner State of New Mexico	Mineral Owner State of New Mexico
API No. 30-025-40330	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	2	20S	34E	330	SOUTH	1950	EAST	LEA

Latitude 32.5958N Longitude -103.5287W

NATURE OF RELEASE

Type of Release Oil and Water	Volume of Release 11 bbls oil	Volume Recovered 11 bbls
Source of Release Offset Operator Frac	Date and Hour of Occurrence 2/16/15 10am	Date and Hour of Discovery 2/16/15 same day in the morning
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

RECEIVED

By OCD; Dr. Oberding at 1:10 pm, Mar 18, 2015

If a Watercourse was Impacted, Describe Fully.*
N/A

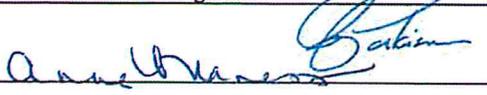
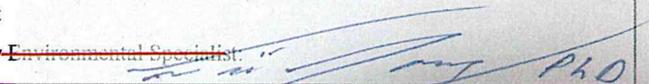
Describe Cause of Problem and Remedial Action Taken.*

An offset operator frac'd into our well & caused a small stuffing box leak which led to a release at the battery inside the containment with plastic liner. Location had 1 bbl of oil & 30 bbls of water at well and 10 bbls of oil & 220 bbls of water at the battery inside the containment. Vacuum truck was called in to pick up oil and water. Oil was placed back into the tanks & water was hauled off to a SWD facility. Affected dirt was hauled off.

Describe Area Affected and Cleanup Action Taken.*

The caliche pad around the wellhead and the plastic lined containment were the two areas affected. The pool of oil in the containment was picked up with a vacuum truck and put back into the tanks. Water was taken to a SWD facility. Field staff cleaned inside the tank battery and scraped up the dirt that was affected at the wellhead and hauled off.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD 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, NMOCD 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: Anne Maness	Hydrologist	Approved by: 
Title: Regulatory Analyst	Approval Date: 	Expiration Date: ///
E-mail Address: amaness@3roc.com	Conditions of Approval: ///	Attached <input type="checkbox"/>
Date: 3/17/15 Phone: 512-600-3195		IRP-3567 272295

* Attach Additional Sheets If Necessary

nTO1507751303

pTO1507751509