

Incident ID	
District RP	2RP-3644
Facility ID	3001534945
Application ID	PAB1610356742

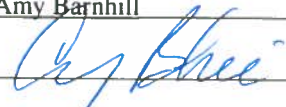
Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection).
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Amy Barnhill Title: Waste and Water Specialist
Signature:  Date: 10-16-19
email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Karen Collins Date: 6/7/2021
Printed Name: Karen Collins Title: E.Spec.

CLOSURE REPORT

LOTUS C FEDERAL 907

NMOCD 2RP #3644

UL-B OF SECTION 9, T 24 S, R 31 E

EDDY COUNTY, NEW MEXICO

LATITUDE: N 32.2379913

LONGITUDE: W -103.7795563

October 2019

Amy Barnhill on behalf of Chevron
USA Inc. and with documents
prepared by Environmental Plus Inc
(EPI), is submitting this *Closure*
Report for the above referenced Site.

PREPARED FOR:





October, 2019

Bradford Billings
Environmental Specialist
NMOCD
Santa Fe, NM

RE: Closure Report
Chevron USA – Lotus C Federal 907
UL-B of Section 9, T 24 S, R 31 E
Longitude: 32.2379913; Latitude: -103.7795563
NMOCD 2RP #3644

Dear Mr. Billings:

Amy Barnhill on behalf of Chevron USA Inc. and with documents prepared by Environmental Plus Inc (EPI), is submitting this *Closure Report* for the above referenced Site.

Activities were initiated to bring the impacted area into conformance with NMOCD requirements. For clarity and cross reference elimination purposes, the following Letter Closure Report offers Site Background history, Site Delineation, Remediation Activities and Conclusion.

Site Background

The Site is located in UL-B of Section 9, T 24 S, R 31 E at an elevation of approximately 3,432-feet above mean sea level (amsl). The property is owned by the the state. A search for water wells was completed utilizing the New Mexico Office of the State Engineer's website and a database maintained by the United States Geological Survey (USGS). One (1) water supply well (USGS #1) exists within a 1,000-foot radius of the release site. Additionally, three (3) wells are located within a 1.0-mile radius of the release site (reference Table 1). Utilizing this information, New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this Site were determined as follows:

Parameter	Remedial Goal
Benzene	10 parts per million
BTEX	50 parts per million
TPH	100 parts per million

* Chloride residuals may not be capable of impacting local groundwater above NMWQCC of 250 mg/L



Site Delineation

According to attached reports, On April 22, 2016 EPI conducted a site assessment consisting of a GPS survey of and photographing the release area. EPI mobilized at the tank battery to direct the location and depth of two (2) soil samples. They were advanced within confines of the well area (reference *Figure 3*). During advancement, soil samples were collected in two (2) different areas.

Laboratory analysis indicated TPH constituent concentrations ranged from <20 mg/Kg to 13,300 mg/Kg. BTEX and Sulfate concentrations were reported below NMOCD remedial threshold goals. Chloride concentrations ranged from 48 mg/Kg to 38,400 mg/Kg (reference *Table 2* and *Figure 3*).

Evidence of final soil samples are not available but in lieu of those results, please see attachment III. E-mail sent to Mike Bratcher from EPI on April 27, 2016 asking for permission to backfill and e-mail from Mike Bratcher to EPI on May 2, 2016 giving permission to backfill. Please also see attachment I, site photos. Beginning with picture #6 through Picture #9, is evidence of cleanup and backfill.

Remedial Activities

From April 2016 through May 2016 contaminated soils were removed and transported to a Chevron approved third party disposal. From April 2016 through May 2016 the excavation was backfilled with clean caliche clean topsoil. After completing backfilling activities the disturbed areas were contoured to allow natural drainage.

Conclusion

Based on all attached documentation, groundwater should not have been impacted and site was remediated. Therefore no further action should be required at this site.



Questions, concerns and/or needs for additional information should be directed to A m y B a r n h i l l (432) 687-7108 or via e-mail at ABarnhill@chevron.com. Correspondence should be addressed to:

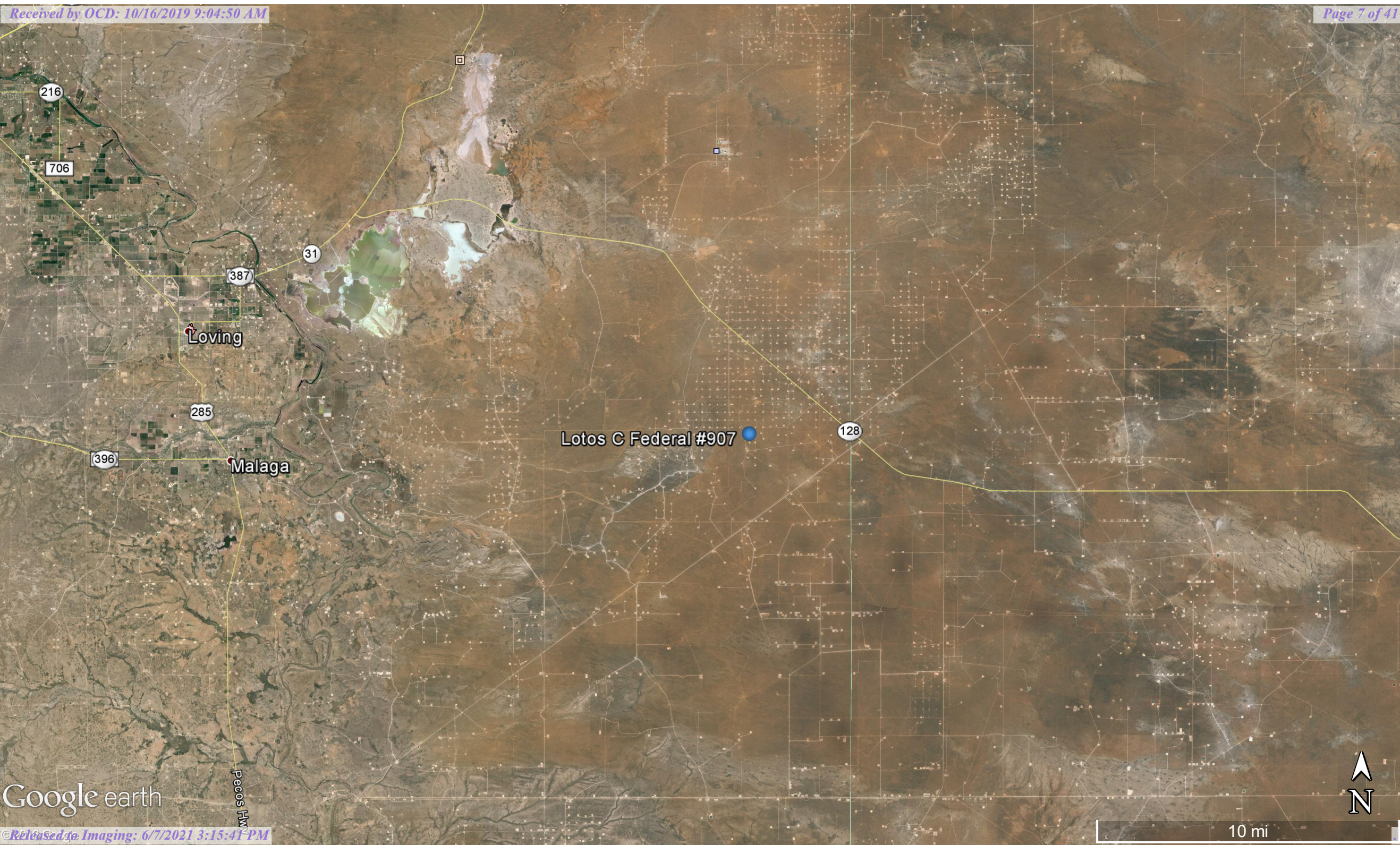
Amy Barnhill
Chevron USA
6301 Deauville Blvd
Midland, Texas 79706

Sincerely,

Amy Barnhill
Environmental Waste and Water Specialist

Encl: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 –Final Sample Map
Table 1 – Well Information Report
Table 2 – Summary of Excavation Field Analysis and Laboratory Analytical Results
Attachment I – Site Photographs
Attachment II – Laboratory Analytical Results and Chain-of-Custody Form
Attachment III – Correspondence
Attachment IV – Final NMOCD Form C-141

FIGURES



Google earth





10 mi



Chevron

Lotos C Federal #907

Legend

-  Release Area ~3,000 sq ft
-  Sample Location

Google earth

© 2016 Google



100 ft

TABLES

TABLE 1
Well Data
Chevron - Lotos C Federal #907

Ref #	Well Number	Use	Diversion ^A	Owner	q64	q16	q4	Sec	Twsp	Rng	Easting	Northing	Distance ^B	Date Measured	Surface Elevation ^C	Depth to Water (ft bgs)
1	C 02958	STK	3	RICHARDSON CATTLE COMPANY	3	3	4	4	24S	31E	614781	3567690	294		3,424	--
2	C 02440	PRO	0	SONAT EXPLORATION		2	3	10	24S	31E	616103	3566599	1,422	21-Mar-95	3,487	--
3	C 02785	MON	0	U.S. DEPT. OF ENERGY - WIPP	3	3	1	4	24S	31E	613969	3568485	1,430	31-Dec-79	3,410	--
4	C 02783	OBS	0	U.S. DEPT. OF ENERGY - WIPP	3	3	1	4	24S	31E	613911	3568461	1,456	31-Dec-79	3,407	--

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1)

^A = In acre feet per annum

^B = In meters

^C = Elevation interpolated from USGS topographical map based on referenced location.

STK = 72-12-1 Livestock watering

PRO = 72-12-1 Prospecting or development of a natural resource

MON = Monitoring Well

OBS = Observation

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are smallest to biggest

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Chevron - Lotos C Federal #907

Sample ID	Depth (feet)	Soil Status	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
SP1	Surface	Excavated	22-Apr-16	3.2	>4,000	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13,300	13,300	28,800
	1	Excavated	22-Apr-16	11.7	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	48
	2	In-Situ	22-Apr-16	6.3	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	80
SP2	Surface	Excavated	22-Apr-16	2.8	>4,000	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,260	1,260	38,400
	1	Excavated	22-Apr-16	14.1	560	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	624
	2	In-Situ	22-Apr-16	9.5	120	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
NMOCD Recommended Remedial Action Levels				100		10				50			100	250

-- = Not Analyzed

Bold values are in excess of NMOCD Recommended Remedial Action Levels

ATTACHMENTS

ATTACHMENT I
SITE PHOTOGRAPHS



















ATTACHMENT II

LABORATORY ANALYTICAL RESULTS

AND

CHAIN-OF-CUSTODY FORM

ANALYTICAL DATA NOT INCLUDED IN DRAFT COPY



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 26, 2016

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: LOTUS C FEDERAL #907

Enclosed are the results of analyses for samples received by the laboratory on 04/25/16 15:29.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

Received: 04/25/2016
 Reported: 04/26/2016
 Project Name: LOTUS C FEDERAL #907
 Project Number: NONE GIVEN
 Project Location: UL-B SEC. 9, T24S, R31E

Sampling Date: 04/22/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 (SURFACE) (H600892-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	04/26/2016	ND	1.94	96.9	2.00	2.23	
Toluene*	<0.100	0.100	04/26/2016	ND	1.84	92.1	2.00	3.61	
Ethylbenzene*	<0.100	0.100	04/26/2016	ND	1.65	82.7	2.00	3.84	
Total Xylenes*	<0.300	0.300	04/26/2016	ND	5.21	86.9	6.00	3.36	
Total BTEX	<0.600	0.600	04/26/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	28800	16.0	04/26/2016	ND	416	104	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<200	200	04/26/2016	ND	206	103	200	0.134	
DRO >C10-C28	13300	200	04/26/2016	ND	215	108	200	3.54	

Surrogate: 1-Chlorooctane 83.3 % 35-147

Surrogate: 1-Chlorooctadecane 758 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

Received: 04/25/2016
 Reported: 04/26/2016
 Project Name: LOTUS C FEDERAL #907
 Project Number: NONE GIVEN
 Project Location: UL-B SEC. 9, T24S, R31E

Sampling Date: 04/22/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 (1') (H600892-02)

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	04/26/2016	ND	1.94	96.9	2.00	2.23		
Toluene*	<0.050	0.050	04/26/2016	ND	1.84	92.1	2.00	3.61		
Ethylbenzene*	<0.050	0.050	04/26/2016	ND	1.65	82.7	2.00	3.84		
Total Xylenes*	<0.150	0.150	04/26/2016	ND	5.21	86.9	6.00	3.36		
Total BTX	<0.300	0.300	04/26/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/26/2016	ND	416	104	400	0.00	

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	04/26/2016	ND	206	103	200	0.134	
DRO >C10-C28	<10.0	10.0	04/26/2016	ND	215	108	200	3.54	

Surrogate: 1-Chlorooctane 70.7 % 35-147

Surrogate: 1-Chlorooctadecane 80.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

Received: 04/25/2016
 Reported: 04/26/2016
 Project Name: LOTUS C FEDERAL #907
 Project Number: NONE GIVEN
 Project Location: UL-B SEC. 9, T24S, R31E

Sampling Date: 04/22/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 (2') (H600892-03)

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	04/26/2016	ND	1.94	96.9	2.00	2.23	
Toluene*	<0.050	0.050	04/26/2016	ND	1.84	92.1	2.00	3.61	
Ethylbenzene*	<0.050	0.050	04/26/2016	ND	1.65	82.7	2.00	3.84	
Total Xylenes*	<0.150	0.150	04/26/2016	ND	5.21	86.9	6.00	3.36	
Total BTX	<0.300	0.300	04/26/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/26/2016	ND	416	104	400	0.00		

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	04/26/2016	ND	206	103	200	0.134	
DRO >C10-C28	<10.0	10.0	04/26/2016	ND	215	108	200	3.54	

Surrogate: 1-Chlorooctane 77.4 % 35-147

Surrogate: 1-Chlorooctadecane 82.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

Received: 04/25/2016
 Reported: 04/26/2016
 Project Name: LOTUS C FEDERAL #907
 Project Number: NONE GIVEN
 Project Location: UL-B SEC. 9, T24S, R31E

Sampling Date: 04/22/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 (SURFACE) (H600892-04)

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	04/26/2016	ND	1.94	96.9	2.00	2.23		
Toluene*	<0.050	0.050	04/26/2016	ND	1.84	92.1	2.00	3.61		
Ethylbenzene*	<0.050	0.050	04/26/2016	ND	1.65	82.7	2.00	3.84		
Total Xylenes*	<0.150	0.150	04/26/2016	ND	5.21	86.9	6.00	3.36		
Total BTEx	<0.300	0.300	04/26/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	38400	16.0	04/26/2016	ND	416	104	400	0.00	

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	<10.0	10.0	04/26/2016	ND	206	103	200	0.134	
DRO >C10-C28	1260	10.0	04/26/2016	ND	215	108	200	3.54	

Surrogate: 1-Chlorooctane 82.8 % 35-147

Surrogate: 1-Chlorooctadecane 180 % 28-171

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

Received: 04/25/2016
 Reported: 04/26/2016
 Project Name: LOTUS C FEDERAL #907
 Project Number: NONE GIVEN
 Project Location: UL-B SEC. 9, T24S, R31E

Sampling Date: 04/22/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 (1') (H600892-05)

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	04/26/2016	ND	1.94	96.9	2.00	2.23		
Toluene*	<0.050	0.050	04/26/2016	ND	1.84	92.1	2.00	3.61		
Ethylbenzene*	<0.050	0.050	04/26/2016	ND	1.65	82.7	2.00	3.84		
Total Xylenes*	<0.150	0.150	04/26/2016	ND	5.21	86.9	6.00	3.36		
Total BTX	<0.300	0.300	04/26/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	04/26/2016	ND	416	104	400	0.00	

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	04/26/2016	ND	206	103	200	0.134	
DRO >C10-C28	<10.0	10.0	04/26/2016	ND	215	108	200	3.54	

Surrogate: 1-Chlorooctane 79.3 % 35-147

Surrogate: 1-Chlorooctadecane 89.6 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

Received: 04/25/2016
 Reported: 04/26/2016
 Project Name: LOTUS C FEDERAL #907
 Project Number: NONE GIVEN
 Project Location: UL-B SEC. 9, T24S, R31E

Sampling Date: 04/22/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 (2') (H600892-06)

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	04/26/2016	ND	1.94	96.9	2.00	2.23		
Toluene*	<0.050	0.050	04/26/2016	ND	1.84	92.1	2.00	3.61		
Ethylbenzene*	<0.050	0.050	04/26/2016	ND	1.65	82.7	2.00	3.84		
Total Xylenes*	<0.150	0.150	04/26/2016	ND	5.21	86.9	6.00	3.36		
Total BTX	<0.300	0.300	04/26/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 73.6-140

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	04/26/2016	ND	416	104	400	0.00		

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	04/26/2016	ND	206	103	200	0.134	
DRO >C10-C28	<10.0	10.0	04/26/2016	ND	215	108	200	3.54	

Surrogate: 1-Chlorooctane 79.5 % 35-147

Surrogate: 1-Chlorooctadecane 90.2 % 28-171

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Environmental Plus, Inc.

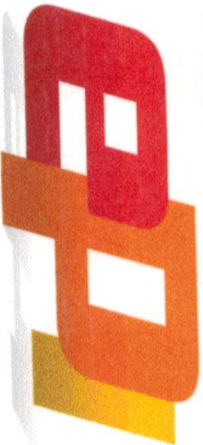
2100 Avenue O, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form
LAB Cardinal

Bill To

ANALYSIS REQUEST



Attn: Daniel Dominguez
P.O. Box 1558
Eunice, NM 88231

Company Name		Environmental Plus, Inc.	
EPI Project Manager		Daniel Dominguez	
Mailing Address		P.O. BOX 1558	
City, State, Zip		Eunice New Mexico 88231	
EPI Phone#/Fax#		575-394-3481 / 575-394-2601	
Client Company		Chevron	
Facility Name		Lotus C Federal #907	
Location		UL- B Sec. 9, T24S, R31E	
Project Reference			
EPI Sampler Name		David Robinson	

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST								
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:			ACID/BASE	ICE/COOL	OTHER	BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP
H1000892	1 SP1 (Surface)	G	1			X														
	2 SP1 (1')	G	1			X														
	3 SP1 (2')	G	1			X														
	4 SP2 (Surface)	G	1			X														
	5 SP2 (1')	G	1			X														
	6 SP2 (2')	G	1			X														
7																				
8																				
9																				
10																				

Sample Relinquished:	Date	4/25/16	Received By:	David Dominguez
Relinquished by:	Date	4/25/16	Received By: (lab staff)	David Dominguez
Time	6:00 am			
Time	3:29 pm			
Delivered by:	Sample Code & Intact	Yes	Checked By:	David Dominguez

collected -10.5c

E-mail results to: ddominguezepi@gmail.com & stephen.gwin@chevron.com
NOTES: RUSH!

ATTACHMENT III
CORRESPONDENCE

Bratcher, Mike, EMNRD

From: Daniel Dominguez <ddominguezepi@gmail.com>
Sent: Wednesday, April 27, 2016 12:38 PM
To: Bratcher, Mike, EMNRD; Gwin, Stephen; Roger Boone
Subject: Lotos C Federal #907
Attachments: Lotos C Federal #907 Sample Map.pdf; Lotos C Federal #907 Table 2.pdf

Mr. Bratcher,

Attached for your review are the Sample Map and Analytical Table for the Lotos C Federal #907, 2RP 3644, operated by Chevron. Based on laboratory analytical results we are proposing backfilling the site. The excavation is approximately 12" deep.

With NMOCD approval the site will be backfilled with clean soil and a Final Closure Report will be submitted.

--

Sincerely,
ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant/Safety Director

Environmental Plus, Inc.
P.O. Box 1558
2100 Avenue 'O'
Eunice, NM 88231
(575) 631-0401 (Cell)
(575) 394-3481 (Office)
(575) 394-2601 (fax)

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Monday, May 02, 2016 11:29 AM
To: 'Daniel Dominguez'; Gwin, Stephen; Roger Boone
Cc: Patterson, Heather, EMNRD; Tucker, Shelly
Subject: RE: Lotos C Federal #907

RE: Chevron USA * Lotos C Federal 907 * 30-015-34945 * **2RP-3644** * DOR: 3/20/16

Daniel,

Based on data presented, your proposal to backfill the excavation associated with the above referenced release is approved. Federal sites will require like approval from BLM.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, please contact me.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Daniel Dominguez [mailto:ddominguezepi@gmail.com]
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Subject: Lotos C Federal #907

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Daniel Dominguez

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ATTACHMENT IV

INITIAL NMOCD FORM C-141

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

APR 12 2016

Form C-141
Revised August 8, 2011

Sub **RECEIVED** appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

NAB1010356886 **4323** **OPERATOR** ☒ Initial Report ☐ Final Report

Name of Company	Chevron USA	Contact	Stephen Gwin
Address	1616 W. Bender Blvd, Hobbs, NM 88240	Telephone No.	575-408-0073
Facility Name	Lotos C Federal 907	Facility Type	Oil Well

Surface Owner	BLM	Mineral Owner		API No.	30-015-34945
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	9	24S	31E	410	North Line	1651	East Line	Eddy

Latitude 32.2379913 Longitudes -103.7795563

NATURE OF RELEASE

Type of Release	Crude Oil and Produced Water	Volume of Release	~ 17.5 bbls	Volume Recovered	~ 15.5 bbls
Source of Release:	Damaged 1 inch nipple on well head.	Date and Hour of Occurrence	3/30/2016 ~ 6:00 AM	Date and Hour of Discovery	3/30/2016 - 9:00AM
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	Notified Mike Bratcher		
By Whom?	Stephen Gwin	Date and Hour	4/5/2016	by phone	
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.*

Fluid was discovered coming from a 1 inch nipple on the wellhead that had been damaged at the Lotos C Federal 907 well. The Chevron Field Specialist shut in well and then had a vacuum truck pick up the spilled material. Repairs will be made to the well before putting it back into production.

Describe Area Affected and Cleanup Action Taken.*

Vacuum trucks were called to pick up the spilled material and approximately 15.5 bbls were picked up. Soil under the spill area is hard packed caliche. Soil will be removed to a depth of three to four inches and soil samples will be taken at that time to determine if additional soil removal is needed. Once acceptable levels have been achieved, closure will be requested.

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: Stephen Gwin	Signed By  Approved by Environmental Specialist:	
Title: HES Field Advisor	Approval Date: <u>4/12/16</u>	Expiration Date: <u>N/A</u>
E-mail Address: Stephen.gwin@chevron.com	Conditions of Approval: Remediation per O.C.D. Rules & Guidelines <input type="checkbox"/>	
Date: 4/12/2016 Phone: 575-408-0073	SUBMIT REMEDIATION PROPOSAL NO	

* Attach Additional Sheets If Necessary

LATER THAN: 5/13/16

2RP-3644

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 1919

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 1919
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
kcollins	None	6/7/2021