

9 November 2015 Ms. Kellie Jones Environmental Specialist NMOCD 1625 North French Drive Hobbs, New Mexico 88240 **REVIEWED** By Kellie Jones at 10:37 am, Dec 09, 2015 **APPROVED** By Kellie Jones at 10:37 am, Dec 09, 2015 I. Ensure State Land Office approval.

RE: Remediation Progress Report and Closure Proposal Chevron – WDDU Tank Battery UL-D, Section 32, Township 24 South, Range 38 East Lea County, New Mexico NMOCD Reference # 1RP-3805

Ms. Jones:

The following *Remediation Progress Report and Closure Proposal* serves as a condensed update on remedial activities undertaken and proposed closure for the above referenced Site.

Background Information:

Dresser sleeve failure due to end flange corrosion caused 60.25 bbls of produced water and 4.46 bbls of oil to leak to ground. Caliche pad and field outside of battery affected.

Remediation Progress:

The release area has been excavated to a depth of approximately six (6) feet bgs. Contaminated material was excavated and transported to a state approved facility for disposal.

On October 13, 2015 ten (10) soil samples were collected from ten (10) sample locations; SW1 – SW7 and BH1 – BH3. All samples were sent to Cardinal Labs in Hobbs, New Mexico for testing. Laboratory analytical results indicate the excavated area is void of Benzene, BTEX, TPH and Chloride concentrations in excess of NMOCD Recommended Remedial Action Levels (RRALs) of 10 mg/Kg, 50 mg/Kg, 5,000 mg/Kg, and 1,000 mg/Kg respectively (reference *Figure 3* and *Table 2*).

Closure Proposal:

Based on laboratory analytical data indicating the excavation is void of contamination in excess of NMOCD RRALs, EPI proposes to backfill the excavated area with clean soil. Selected clean soil will be free of deleterious material or rocks or large clumps.

Backfilling will continue until the entire excavation is closed. Upon completion of backfill activities, the entire disturbed area will be contoured to blend with existing pad location, and pasture area, and protected against wind/water erosion.



Following completion of closure activities, EPI will provide a detailed *Final Closure Report* to Chevron and NMOCD personnel. Chevron and EPI personnel would welcome an opportunity to briefly discuss the *Closure Proposal* at your earliest convenience. However, should you have any questions or concerns please feel free to contact me at (575) 394-3481 or via e-mail at <u>ddominguezepi@gmail.com</u> or Mr. Nick Hampton at (575) 704-3143 or via e-mail at <u>cikb@chevron.com</u>. All official communication should be addressed to:

Mr. Nick Hampton Chevron N.A. Exploration Production Co. 56 Texas Camp Road Lovington, NM 88260

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez Environmental Consultant

- cc: Nick Hampton, HE Specialist Chevron File
- Encl.: Figure 1 Area Map
 Figure 2 Site Location Map
 Figure 3 Sample/Site Map
 Table 1 Well Data
 Table 2 Summary of Soil Sample Field Testing and Laboratory Analytical Results
 Attachment I Photographs
 Attachment II Laboratory Analytical Results
 Attachment III Copy of Initial NMOCD Form C-141

FIGURES







TABLES

TABLE 1

Well Data

Chevron - WDDU Tank Battery

Ref#	Well Number	Use	Diversion ^A	Owner	q64	q16	q4 S	ec Tw	q64 q16 q4 Sec Twsp Rng	g Easting	Northing	Date Measured	Surface Elevation ^B	Depth to Water
														(ft bgs)
1	CP 00069	PMH	0	SKELLY OIL COMPANY	2	4	3 3	1	24S 38E (679087	3560776	-	3,112	1

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

 A = In acre feet per annum

 B = Elevation interpolated from USGS topographical map based on referenced location. PMH = Non 72-12-1 Multiple household use 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 - WDDU Tank Battery

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)
BH1	9	In-Situ	13-Oct-15	3.2	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
BH2	9	In-Situ	13-Oct-15	2.0	80	<0.050	<0.050	<0:050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
BH3	5	In-Situ	13-Oct-15	1.1	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SW1	4	In-Situ	13-Oct-15	4.4	160	<0.050	<0.050	<0:050	<0.150	<0.300	<10.0	<10.0	<20.0	160
SW2	4	In-Situ	13-Oct-15	4.1	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	512
SW3	3	In-Situ	13-Oct-15	3.9	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SW4	3	In-Situ	13-Oct-15	4.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SW5	4	In-Situ	13-Oct-15	6.1	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SW6	2	In-Situ	13-Oct-15	5.4	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	32
SW7	3	In-Situ	13-Oct-15	4.9	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	272
NMOCD Recommended Remedial Action Levels	mmendeo	1 Remedial <i>⊦</i>	Action Levels	100		10				50			5,000	1,000

- - = Not Analyzed Bold values are in excess of NMOCD Recommended Remedial Action Levels

ATTACHMENTS

ATTACHMENT I Photographs



Photograph #1 – Looking west across excavation



Photograph #2 – Looking west across excavation



Photograph #3 – Looking east across excavation



Photograph #4 – Looking east across excavation

ATTACHMENT II Laboratory Analytical Results



October 20, 2015

Daniel Dominguez Environmental Plus, Inc. P.O. Box 1558 Eunice, NM 88231

RE: WDDU TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/14/15 10:00.

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

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: BH 1 (6') (H502683-01)

BTEX 8021B	mg/	L	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2015	ND	2.18	109	2.00	0.421	
Toluene*	<0.050	0.050	10/19/2015	ND	2.01	101	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/19/2015	ND	2.00	99.8	2.00	0.473	
Total Xylenes*	<0.150	0.150	10/19/2015	ND	6.57	109	6.00	0.361	
Total BTEX	<0.300	0.300	10/19/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	66.2-14	2						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/15/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/15/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/15/2015	ND	205	102	200	4.87	
Surrogate: 1-Chlorooctane	89.3	% 47.2-15	7						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: BH 2 (6') (H502683-02)

BTEX 8021B	mg/	′L	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2015	ND	2.18	109	2.00	0.421	
Toluene*	<0.050	0.050	10/19/2015	ND	2.01	101	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/19/2015	ND	2.00	99.8	2.00	0.473	
Total Xylenes*	<0.150	0.150	10/19/2015	ND	6.57	109	6.00	0.361	
Total BTEX	<0.300	0.300	10/19/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	66.2-14	2						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/15/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/15/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/15/2015	ND	205	102	200	4.87	
Surrogate: 1-Chlorooctane	84.8	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	89.0	% 52.1-17	6						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: BH 3 (5') (H502683-03)

BTEX 8021B	mg/	L	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2015	ND	2.18	109	2.00	0.421	
Toluene*	<0.050	0.050	10/19/2015	ND	2.01	101	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/19/2015	ND	2.00	99.8	2.00	0.473	
Total Xylenes*	<0.150	0.150	10/19/2015	ND	6.57	109	6.00	0.361	
Total BTEX	<0.300	0.300	10/19/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	66.2-14	2						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/15/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/15/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/15/2015	ND	205	102	200	4.87	
Surrogate: 1-Chlorooctane	83.7	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	89.6	52.1-17	6						

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Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 1 (4') (H502683-04)

BTEX 8021B	mg/	L	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2015	ND	2.18	109	2.00	0.421	
Toluene*	<0.050	0.050	10/19/2015	ND	2.01	101	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/19/2015	ND	2.00	99.8	2.00	0.473	
Total Xylenes*	<0.150	0.150	10/19/2015	ND	6.57	109	6.00	0.361	
Total BTEX	<0.300	0.300	10/19/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	66.2-14	2						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/15/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/15/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/15/2015	ND	205	102	200	4.87	
Surrogate: 1-Chlorooctane	93.4 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	97.19	52.1-17	6						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 2 (4') (H502683-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2015	ND	1.81	90.3	2.00	0.905	
Toluene*	<0.050	0.050	10/15/2015	ND	1.93	96.5	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/15/2015	ND	1.72	86.1	2.00	0.174	
Total Xylenes*	<0.150	0.150	10/15/2015	ND	5.59	93.2	6.00	1.20	
Total BTEX	<0.300 0.300		10/15/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 % 85.6-137		7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	10/15/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/16/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87	
Surrogate: 1-Chlorooctane	78.1% 47.2-157		7						
Surrogate: 1-Chlorooctadecane	83.5 % 52.1-176		6						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 3 (3') (H502683-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2015	ND	1.81	90.3	2.00	0.905	
Toluene*	<0.050	0.050	10/15/2015	ND	1.93	96.5	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/15/2015	ND	1.72	86.1	2.00	0.174	
Total Xylenes*	<0.150	0.150	10/15/2015	ND	5.59	93.2	6.00	1.20	
Total BTEX	<0.300 0.300		10/15/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 % 85.6-137		7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/15/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/16/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87	
Surrogate: 1-Chlorooctane	88.2 % 47.2-157		7						
Surrogate: 1-Chlorooctadecane	93.3 % 52.1-176		6						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 4 (3') (H502683-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2015	ND	1.81	90.3	2.00	0.905	
Toluene*	<0.050	0.050	10/15/2015	ND	1.93	96.5	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/15/2015	ND	1.72	86.1	2.00	0.174	
Total Xylenes*	<0.150	0.150	10/15/2015	ND	5.59	93.2	6.00	1.20	
Total BTEX	<0.300 0.300		10/15/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 % 85.6-137		7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/15/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/16/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87	
Surrogate: 1-Chlorooctane	88.9 % 47.2-157		7						
Surrogate: 1-Chlorooctadecane	93.4 % 52.1-176		6						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 5 (4') (H502683-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		10/15/2015	ND	1.81	90.3	2.00	0.905	
Toluene*	<0.050	0.050	10/15/2015	ND	1.93	96.5	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/15/2015	ND	1.72	86.1	2.00	0.174	
Total Xylenes*	<0.150	0.150	10/15/2015	ND	5.59	93.2	6.00	1.20	
Total BTEX	<0.300	0.300	10/15/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 % 85.6-137		7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/15/2015	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/16/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87	
Surrogate: 1-Chlorooctane	86.8 % 47.2-157		7						
Surrogate: 1-Chlorooctadecane	91.6% 52.1-176		6						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 6 (2') (H502683-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2015	ND	1.81	90.3	2.00	0.905	
Toluene*	<0.050	0.050	10/15/2015	ND	1.93	96.5	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/15/2015	ND	1.72	86.1	2.00	0.174	
Total Xylenes*	<0.150	0.150	10/15/2015	ND	5.59	93.2	6.00	1.20	
Total BTEX	<0.300 0.300		10/15/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 % 85.6-137		7						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/15/2015 ND		416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/16/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87	
Surrogate: 1-Chlorooctane	90.0% 47.2-157		7						
Surrogate: 1-Chlorooctadecane	95.1% 52.1-176		6						

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Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 7 (3') (H502683-10)

BTEX 8021B	mg/	'L	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		10/19/2015	ND	2.18	109	2.00	0.421	
Toluene*	<0.050	0.050	10/19/2015	ND	2.01	101	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/19/2015	ND	2.00	99.8	2.00	0.473	
Total Xylenes*	<0.150	0.150	10/19/2015	ND	6.57	109	6.00	0.361	
Total BTEX	<0.300	0.300	10/19/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 % 66.2-142		2						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	10/15/2015 ND		416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/16/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87	
Surrogate: 1-Chlorooctane	90.1% 47.2-157		7						
Surrogate: 1-Chlorooctadecane	95.0 % 52.1-176		6						

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Notes and Definitions

- ND
 Analyte NOT DETECTED at or above the reporting limit

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

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Sampler Relinquished:	U	40	00		6	5	4	3	2			LAB I.D.		EPI Sampler Name	Project Reference	Location	Facility Name	Client Company	EPI Phone#/Fax#	City, State, Zip	Mailing Address	EPI Project Manager	Company Name	(575) 394-3481 F.	2100 Avenue O, Eunice, NM 88231	Environm	
d: 	(c) mel) SW6 (Z)		SW4 (3')			SW1 (4')	BH3 (5')	BH2 (6')			SAMPLE I.D.		ne David Robinson	æ	UL- D Sec. 32, T24S,	WDDU Tank Battery	Chevron	575-394-3481 / 575-394-2601	Eunice New Mexico 88231			ů,	01		is, Inc.	
		-	+	+		+		+	20	2	_	(G)RAB OR (C)OMP. # CONTAINERS				R38E			94-260	88231			Inc.		P.O. Box 1558, EUNICE, NW 0025		
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Page 1 of 1

ATTACHMENT III Copy of Initial NMOCD Form C-141

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

	OPERATOR	\triangleleft	Initial Report		Final Report
Name of Company: Chevron USA Inc.	Contact: Nick Hampton				
Address: 15 Smith Rd., Midland, TX, 79705	Telephone No.: wk: 575-704-314	13	cell: 985-502-2	342	
Facility Name: West Dollarhide Drinkard Unit Battery	Facility Type: Battery				

Surface Owner: State surface	Mineral Owner (QLS-091040 – State of New	API No.: N/A
	Mexico B-9613 LSE)	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	32	24-S	38E					Lea

Latitude: 32 deg 9.788 minutes north / Longitude: -103 deg 5.218 minutes west

NATURE OF RELEASE

Type of Release: Spill	Volume of Release:	Volume R				
	64.71 bbls total fluid	30 bbls tota				
Source of Release: Fiberglass trunk line	Date and Hour of Occurrence		Hour of Discovery			
	08/10/15 1:00PM	08/10/15 1	:00PM			
Was Immediate Notice Given?	If YES, To Whom?					
🛛 Yes 🗌 No 🗌 Not Required	Kellie Jones					
By Whom? Nick Hampton	Date and Hour: 08/10/15 3:04PM					
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.					
🗌 Yes 🖾 No						
If a Watercourse was Impacted, Describe Fully.*						
N/A						
Describe Cause of Problem and Remedial Action Taken.*						
Describe Cause of Problem and Remedial Action Taken."						
Dresser sleeve failure due to end flange corrosion caused 60.25 bbls of produced water and 4.46 bbls of oil to leak to ground.						
Describe Area Affected and Cleanup Action Taken.*						
Caliche pad and field outside of battery affected. After all contaminated soil is hauled to Sundance, area will be sampled.						
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						
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.						
	OIL CONSER	VATION	DIVISION			
Signature: Nick Hampton						
Printed Name: Nick Hampton	Approved by Environmental Specialist:					
Title: HE Specialist	Approval Date: Expiration Date:					
E-mail Address: cikb@chevron.com	Conditions of Approval: Attached		Attached			
Data: 08/17/2015 Dhana: 085 502 2242			_			
Date: 08/17/2015 Phone: 985-502-2342						

* Attach Additional Sheets If Necessary