



11 March, 2020

New Mexico Oil Conservation Division

1625 North French Drive

Hobbs, NM 88240

Re: Closure Report

Chevron USA, Inc

F.B. Davis Battery

Lea County, New Mexico

Unit Letter "A", Section 8, Township 23 South, Range 37 East

Latitude 32.324381 North, Longitude 103.1780434 West

NMOCD Reference #1RP-4580

To Whom it may concern,

Chevron USA Chevron USA, Inc., is requesting closure for the above referenced site. Please see the attached Closure Report and grant closure based on the following:

Although elevated TPH levels at SP1 and SP2 were found, there are pictures in attachment I which show remediation activities were undertaken and completed. A visual inspection of the area confirmed that the liner beneath the caliche is intact.

Amy Barnhill
Waste and Water Specialist
Chevron USA
6301 Deauville
Midland, Texas 79706
432-687-7108

Incident ID	nOY1703753612
District RP	1RP-4580
Facility ID	30-025-32226
Application ID	POY1703753758


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: 3-11-2020
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: Bradford Billings Date: 9/8/2021
Printed Name: Bradford Billings Title: Envi.Spec.A

ENVIRONMENTAL PLUS, INC.



Site Characterization and Closure Request

**Chevron USA, Inc.
F.B. Davis Battery
Lea County, New Mexico
Unit Letter "A", Section 8, Township 23 South, Range 37 East
Latitude 32.324381 North, Longitude 103.1780434 West
NMOCD Reference #1RP-4580**

Prepared For:

Chevron USA, Inc.
6301 Deauville Blvd.
Midland, Texas 79706

Prepared By:

Environmental Plus, Inc.
2100 Ave 'O'
Eunice, NM 88231

March 2020

A handwritten signature in black ink, appearing to read 'Daniel Dominguez', is written over a horizontal line.

Daniel Dominguez
Project Manager



ENVIRONMENTAL PLUS, INC.
CONSULTING AND ENVIRONMENTAL REMEDIATION

The following *Site Characterization and Closure Request* serves as a condensed update on field activities undertaken and proposed closure actions for the afore referenced Site.

Background:

The site is located in Unit Letter A (NE ¼ NE ¼), Section 8, Township 23 South, Range 37 East, approximately eight miles south of Eunice, in Lea County, New Mexico. The property is privately owned by Jimmy Weir of Center Point, Texas.

The release site is located within the bermed containment of an active tank battery; latitude 32.324381 North, longitude 103.178043 West. Area Map, Site Location Map, and Sample/Site Map are included as Figure 1, Figure 2, and Figure 3, respectively. The Initial NMOCD Form C-141 indicated that on January 9, 2017 approximately 15.27 barrels of produced water were released when a pipe cracked due to freezing weather releasing the fluid to bermed containment. A vacuum truck was dispatched to the site and recovered approximately 12 barrels, resulting in a net loss of 3.27 barrels of fluid. The visually stained area covers approximately 3.900 square feet. The Initial NMOCD Form C-141 is included as Attachment IV.

NMOCD Site Classification:

A search for water wells was completed utilizing the New Mexico Office of the State Engineer's (NMOSE) website. There are four wells located in the area surrounding the release site (reference *Table I*). Also, no wells (domestic, agriculture or public) and no bodies of surface water exist within a 1,000-foot radius of the release site (reference *Figure 2*). The NMOSE database indicates average water depth is approximately 100 feet below ground surface (bgs) within a 2,000-meter radius (reference *Attachment II*).

Utilizing this information, the NMOCD guidelines indicate the F.B. Davis Tank Battery release site to have a ranking score of zero. Based on this score, the NMOCD Recommended Remedial Action Levels (RRALs) for vertical delineation on this Site were determined as follows: Benzene – 10 mg/Kg, BTEX – 50 mg/Kg, TPH – 5,000 mg/Kg, and Chloride – 10,000 mg/Kg. The RRALs for horizontal delineation on this Site were determined as follows: Benzene – 10 mg/Kg, BTEX – 50 mg/Kg, TPH – 25,000 mg/Kg, and Chloride – 10,000 mg/Kg.

The fluid spread out to an area measuring approximately 6' x 69' within the bermed containment lined with caliche.

Delineation Progress:

On January 31, 2017 EPI personnel mobilized on site to collect soil samples to determine the vertical extent of contamination. A total of thirteen soil samples were collected from four sample locations; SP1 – SP4. Two soil samples from each sample location were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate that other than elevated TPH levels at SP1 and SP2, the release area is void of Benzene, BTEX, TPH and Chloride concentrations in excess of NMOCD RRALs (reference *Figure 3* and *Table 2*).

Portions of select soil samples were field tested for organic vapors and chloride concentrations. Soil samples collected for field testing of organic vapors were placed in self-sealing polyethylene



bags and allowed to equilibrate to ~70° F. Field testing of organic vapors utilized a Mini-Rae™ Photoionization Detector (PID) equipped with a 10.6 electron-volt (eV) calibrated for benzene response. Chloride concentrations were determined via use of a LaMotte Chloride Kit (Titration Method).

Soil samples designated for laboratory analyses were collected into laboratory provided glass containers, labeled and inserted into self-sealing polyethylene bags, placed in a cooler, chilled and transported to an independent laboratory for quantification of contaminant concentrations under Chain-of-Custody protocol.

On April 6, 2017 EPI personnel mobilized on site to collect soil samples to determine the horizontal extent of contamination. A total of six horizontal soil samples were collected from three sample locations surrounding the release area; SP5 – SP7. All six soil samples were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate that the area adjacent to the release area, horizontally, to be below NMOCD RRALs (reference *Figure 3* and *Table 2*).

Actions:

Taking into consideration the release occurred on an active tank battery, and laboratory analytical data indicating elevated TPH levels at surface level at SP1 and SP2 (reference *Table 2*), The surface was scraped around the release area around SP1 and SP2, then backfilled with clean caliche. The area around SP3 and SP4, as well as the area adjacent to the release area on the tank battery pad, horizontally, was not be disturbed.

Caliche was free of deleterious material or rocks or large clumps. Backfilling continued until the entire excavation was closed. Upon completion of backfill activities, the entire disturbed area was contoured to blend with tank battery area and protected against wind/water erosion.

Revegetation Plan:

As the release area occurred within a bermed tank battery on a lease pad, no seeding will be required.

Noxious Weed Management Plan:

This location is an active oil operation pad. Chevron routinely maintains the entire pad to be free of any vegetation and weeds for the safety of personnel.



Should you have any questions or concerns please feel free to contact me at (575) 394-3481 or via e-mail at ddominguezepi@gmail.com or Ms. Amy Barnhill at (432) 687-7108 or via e-mail at apyh@chevron.com. All official communication should be addressed to:

Ms. Amy Barnhill
Chevron USA, Inc.
6301 Deauville Blvd.
Midland, Texas 79706

Sincerely,

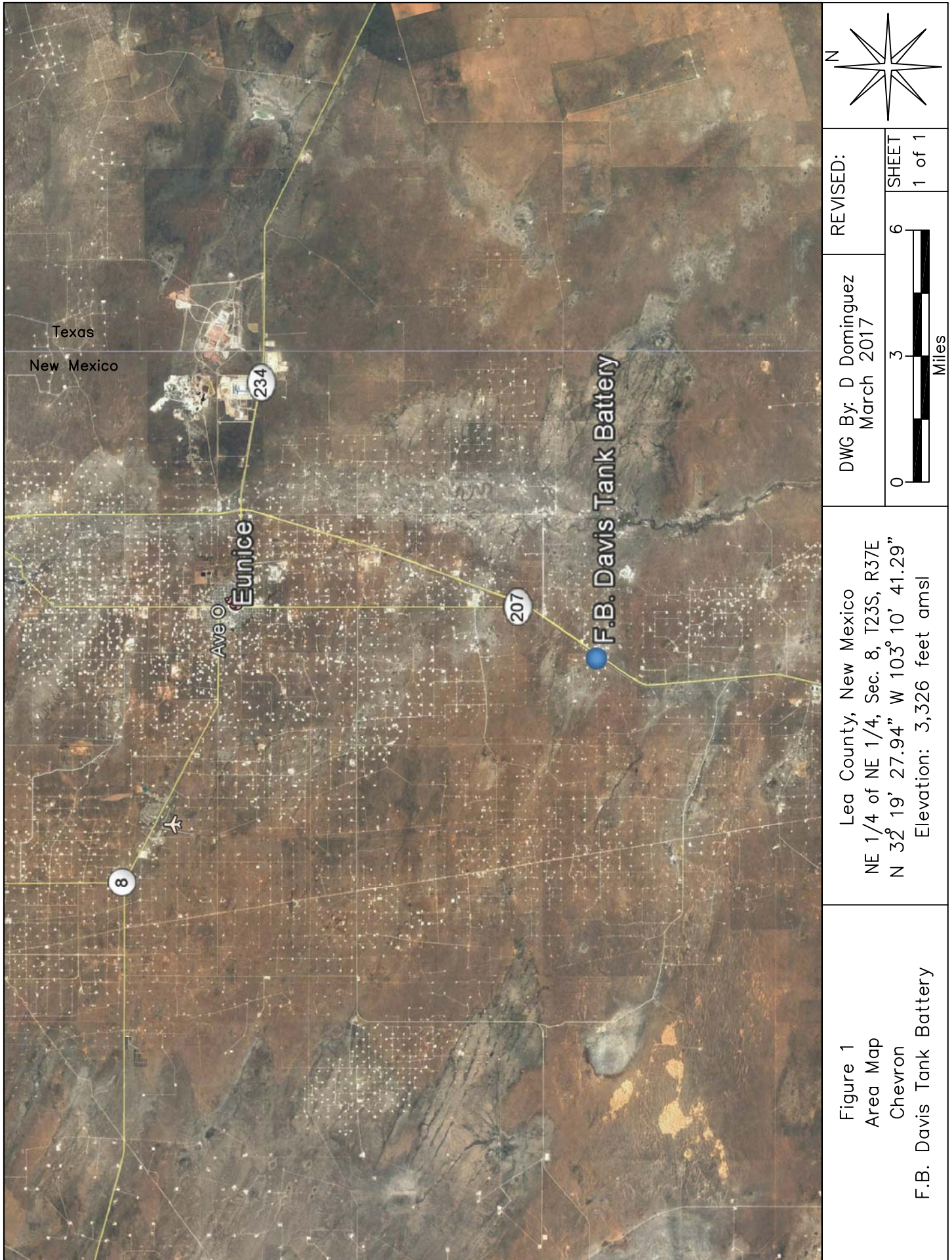
ENVIRONMENTAL PLUS, INC.

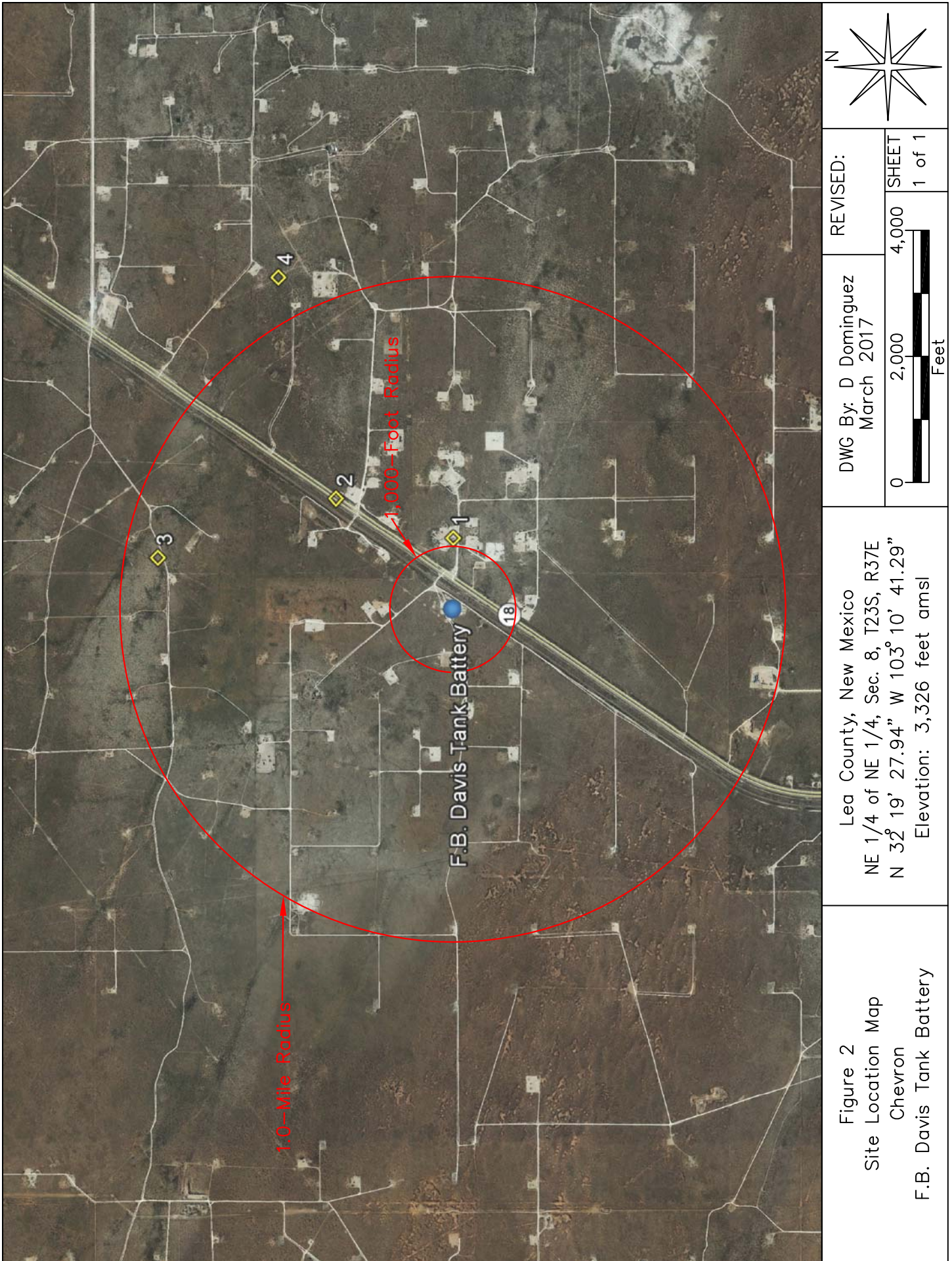
A handwritten signature in black ink, appearing to read 'Daniel Dominguez', written over a yellow rectangular highlight.

Daniel Dominguez
Environmental Consultant

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 – NMOSE Average Depth to Groundwater
Attachment III – Laboratory Analytical Results
Attachment IV – Copy of Initial NMOCD Form C-141

FIGURES







TABLES

TABLE 1
Well Data
Chevron - F.B. Davis Tank Battery

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	CP 00762	PRO	0	TEXACO		1	1	9	23S	37E	671849	3577854	360	09-May-91	3,323	100
2	CP 00816	PRO	0	TEXACO EXPLORATION & PROD. INC.			3	4	23S	37E	672043	3578457	818	04-Sep-93	3,322	--
3	CP 00389	PLS	3	ROSS L. ROBINSON	3	1	1	4	23S	37E	671723	3579362	1,525	--	3,351	--
4	CP 01104	MON	0	LEGACY RESERVES							673178	3578773	1,922	10-Sep-12	3,313	--

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

^A = In acre feet per annum

^B = In meters

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

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

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

PLS = Non 72-12-1 Livestock watering

MON = Monitoring Well

TABLE 2
Summary of Soil Sample Field Test and Laboratory Analytical Results
Chevron
F.B. Davis 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)
SP1	Surface	In-Situ	31-Jan-17	54.6	200	<0.050	0.102	<0.050	<0.150	<0.300	<10.0	2,650	2,650	160
	1	In-Situ	31-Jan-17	35.1	280	--	--	--	--	--	--	--	--	--
	2	In-Situ	31-Jan-17	6.4	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	336
SP2	Surface	In-Situ	31-Jan-17	15.9	120	<0.050	0.165	0.074	0.207	0.446	<10.0	4,230	4,230	144
	1	In-Situ	31-Jan-17	6.4	720	--	--	--	--	--	--	--	--	--
	2	In-Situ	31-Jan-17	7.0	320	--	--	--	--	--	--	--	--	--
	3	In-Situ	31-Jan-17	4.7	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	96
SP3	Surface	In-Situ	31-Jan-17	3.7	80	<0.050	0.087	<0.050	<0.150	<0.300	<10.0	98.5	98.5	32
	1	In-Situ	31-Jan-17	5.1	80	--	--	--	--	--	--	--	--	--
	2	In-Situ	31-Jan-17	4.1	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SP4	Surface	In-Situ	31-Jan-17	6.0	160	<0.050	0.078	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
	1	In-Situ	31-Jan-17	5.7	120	--	--	--	--	--	--	--	--	--
	2	In-Situ	31-Jan-17	5.6	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	80
SP5	Surface	In-Situ	06-Apr-17	0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	16
	5	In-Situ	06-Apr-17	0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	32

TABLE 2
Summary of Soil Sample Field Test and Laboratory Analytical Results
Chevron
F.B. Davis 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)
SP6	Surface	In-Situ	06-Apr-17	0.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	32
	5	In-Situ	06-Apr-17	0.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	64
SP7	Surface	In-Situ	06-Apr-17	0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	32
	5	In-Situ	06-Apr-17	0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	48
NMOCD Recommended Remedial Action Levels				100		10				50			5,000	600

-- = Not Analyzed

Red values are in excess of NMOCD Recommended Remedial Action Levels

ATTACHMENTS

ATTACHMENT I
Photographs



Photograph #1- Looking across release area



Photograph #2- Looking across release area



Photograph #3- Looking across release area



Photograph #4- Looking across release area

AFTER PHOTOS



Chevron U.S.A., Inc.

F. B. DAVIS BATTERY
UNIT A, SEC.08-T23S-R37E
LEA COUNTY, NM

04/09/2018

04/09/2018





04/09/2018



04/09/2018

ATTACHMENT II
NMOSE Average Depth to Groundwater



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00373 POD1	CP	LE		2	2	08	23S	37E		671449	3577847*	40	150		
CP 00762		LE		1	1	09	23S	37E		671849	3577854*	360	185	100	85
CP 00816		LE				3	04	23S	37E	672043	3578457*	818	250		
CP 00389 POD1	CP	LE		3	1	1	04	23S	37E	671723	3579362*	1525	100		
CP 01104 POD1	CP									673178	3578773	1922	21		

Average Depth to Water: **100 feet**

Minimum Depth: **100 feet**

Maximum Depth: **100 feet**

Record Count: 5

UTM NAD83 Radius Search (in meters):

Easting (X): 671488.54

Northing (Y): 3577855

Radius: 2000

*UTM location was derived from PLSS - see Help

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

4/5/17 3:12 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

ATTACHMENT III
Laboratory Analytical Results



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

February 11, 2017

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: F B DAVIS TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/03/17 12:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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: 02/03/2017
 Reported: 02/11/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 01/31/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP 1 (SURFACE) (H700281-01)

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	02/07/2017	ND	2.22	111	2.00	1.91	
Toluene*	0.102	0.050	02/07/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/07/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/07/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/07/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/09/2017	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	<50.0	50.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	2650	50.0	02/07/2017	ND	207	104	200	3.94	

Surrogate: 1-Chlorooctane 76.5 % 35-147

Surrogate: 1-Chlorooctadecane 141 % 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

Analytical Results For:

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

Received: 02/03/2017
 Reported: 02/11/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 01/31/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP 1 (2') (H700281-02)

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	02/07/2017	ND	2.22	111	2.00	1.91		
Toluene*	<0.050	0.050	02/07/2017	ND	2.20	110	2.00	1.57		
Ethylbenzene*	<0.050	0.050	02/07/2017	ND	2.19	109	2.00	1.31		
Total Xylenes*	<0.150	0.150	02/07/2017	ND	6.18	103	6.00	1.32		
Total BTEx	<0.300	0.300	02/07/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	02/09/2017	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	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	

Surrogate: 1-Chlorooctane 74.8 % 35-147

Surrogate: 1-Chlorooctadecane 82.1 % 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

Analytical Results For:

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

Received: 02/03/2017
 Reported: 02/11/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 01/31/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP 2 (SURFACE) (H700281-03)

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	02/09/2017	ND	2.11	106	2.00	0.803	
Toluene*	0.165	0.050	02/09/2017	ND	2.08	104	2.00	1.10	
Ethylbenzene*	0.074	0.050	02/09/2017	ND	2.10	105	2.00	1.11	
Total Xylenes*	0.207	0.150	02/09/2017	ND	5.94	99.0	6.00	1.22	
Total BTX	0.446	0.300	02/09/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/09/2017	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	<50.0	50.0	02/07/2017	ND	194	96.8	200	6.28		
DRO >C10-C28	4230	50.0	02/07/2017	ND	207	104	200	3.94		

Surrogate: 1-Chlorooctane 81.6 % 35-147

Surrogate: 1-Chlorooctadecane 256 % 28-171

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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: 02/03/2017
 Reported: 02/11/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 01/31/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP 2 (3') (H700281-04)

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	02/09/2017	ND	2.11	106	2.00	0.803	
Toluene*	<0.050	0.050	02/09/2017	ND	2.08	104	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/09/2017	ND	2.10	105	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/09/2017	ND	5.94	99.0	6.00	1.22	
Total BTX	<0.300	0.300	02/09/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2017	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	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	

Surrogate: 1-Chlorooctane 79.9 % 35-147

Surrogate: 1-Chlorooctadecane 83.9 % 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: 02/03/2017
 Reported: 02/11/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 01/31/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP 3 (SURFACE) (H700281-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2017	ND	2.11	106	2.00	0.803	
Toluene*	0.087	0.050	02/09/2017	ND	2.08	104	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/09/2017	ND	2.10	105	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/09/2017	ND	5.94	99.0	6.00	1.22	
Total BTEx	<0.300	0.300	02/09/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/09/2017	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	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	98.5	10.0	02/07/2017	ND	207	104	200	3.94	

Surrogate: 1-Chlorooctane 76.4 % 35-147

Surrogate: 1-Chlorooctadecane 82.5 % 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: 02/03/2017
 Reported: 02/11/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 01/31/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP 3 (2') (H700281-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2017	ND	2.11	106	2.00	0.803		
Toluene*	<0.050	0.050	02/09/2017	ND	2.08	104	2.00	1.10		
Ethylbenzene*	<0.050	0.050	02/09/2017	ND	2.10	105	2.00	1.11		
Total Xylenes*	<0.150	0.150	02/09/2017	ND	5.94	99.0	6.00	1.22		
Total BTEx	<0.300	0.300	02/09/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/09/2017	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	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	

Surrogate: 1-Chlorooctane 82.4 % 35-147

Surrogate: 1-Chlorooctadecane 82.9 % 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: 02/03/2017
 Reported: 02/11/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 01/31/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP 4 (SURFACE) (H700281-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2017	ND	2.11	106	2.00	0.803		
Toluene*	0.078	0.050	02/09/2017	ND	2.08	104	2.00	1.10		
Ethylbenzene*	<0.050	0.050	02/09/2017	ND	2.10	105	2.00	1.11		
Total Xylenes*	<0.150	0.150	02/09/2017	ND	5.94	99.0	6.00	1.22		
Total BTEX	<0.300	0.300	02/09/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/09/2017	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	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	

Surrogate: 1-Chlorooctane 77.1 % 35-147

Surrogate: 1-Chlorooctadecane 86.6 % 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: 02/03/2017
 Reported: 02/11/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 01/31/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP 4 (2') (H700281-08)

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	02/09/2017	ND	2.11	106	2.00	0.803	
Toluene*	<0.050	0.050	02/09/2017	ND	2.08	104	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/09/2017	ND	2.10	105	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/09/2017	ND	5.94	99.0	6.00	1.22	
Total BTEX	<0.300	0.300	02/09/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/09/2017	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	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	

Surrogate: 1-Chlorooctane 79.4 % 35-147

Surrogate: 1-Chlorooctadecane 87.6 % 28-171

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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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

LAB Cardinal

Page 1 of 1

Page 11 of 11



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

April 13, 2017

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: F B DAVIS TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/06/17 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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: 04/06/2017
 Reported: 04/13/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 04/06/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 (SURFACE) (H700920-01)

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	04/10/2017	ND	1.94	97.1	2.00	1.51	
Toluene*	<0.050	0.050	04/10/2017	ND	1.80	89.9	2.00	1.30	
Ethylbenzene*	<0.050	0.050	04/10/2017	ND	1.79	89.5	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/10/2017	ND	5.08	84.6	6.00	1.12	
Total BTEX	<0.300	0.300	04/10/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/10/2017	ND	432	108	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	04/07/2017	ND	197	98.6	200	7.04	
DRO >C10-C28	<10.0	10.0	04/07/2017	ND	216	108	200	2.70	

Surrogate: 1-Chlorooctane 82.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 77.2 % 34.7-157

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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: 04/06/2017
 Reported: 04/13/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 04/06/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 (5') (H700920-02)

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	04/11/2017	ND	1.94	97.1	2.00	1.51	
Toluene*	<0.050	0.050	04/11/2017	ND	1.80	89.9	2.00	1.30	
Ethylbenzene*	<0.050	0.050	04/11/2017	ND	1.79	89.5	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/11/2017	ND	5.08	84.6	6.00	1.12	
Total BTX	<0.300	0.300	04/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/10/2017	ND	432	108	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	04/07/2017	ND	197	98.6	200	7.04	
DRO >C10-C28	<10.0	10.0	04/07/2017	ND	216	108	200	2.70	

Surrogate: 1-Chlorooctane 88.5 % 28.3-164

Surrogate: 1-Chlorooctadecane 83.3 % 34.7-157

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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: 04/06/2017
 Reported: 04/13/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 04/06/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 (SURFACE) (H700920-03)

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	04/11/2017	ND	1.94	97.1	2.00	1.51	
Toluene*	<0.050	0.050	04/11/2017	ND	1.80	89.9	2.00	1.30	
Ethylbenzene*	<0.050	0.050	04/11/2017	ND	1.79	89.5	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/11/2017	ND	5.08	84.6	6.00	1.12	
Total BTX	<0.300	0.300	04/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/10/2017	ND	432	108	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	04/07/2017	ND	197	98.6	200	7.04	
DRO >C10-C28	<10.0	10.0	04/07/2017	ND	216	108	200	2.70	

Surrogate: 1-Chlorooctane 84.5 % 28.3-164

Surrogate: 1-Chlorooctadecane 84.3 % 34.7-157

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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: 04/06/2017
 Reported: 04/13/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 04/06/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 (5') (H700920-04)

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	04/11/2017	ND	1.94	97.1	2.00	1.51		
Toluene*	<0.050	0.050	04/11/2017	ND	1.80	89.9	2.00	1.30		
Ethylbenzene*	<0.050	0.050	04/11/2017	ND	1.79	89.5	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/11/2017	ND	5.08	84.6	6.00	1.12		
Total BTEx	<0.300	0.300	04/11/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/10/2017	ND	432	108	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	04/07/2017	ND	197	98.6	200	7.04	
DRO >C10-C28	<10.0	10.0	04/07/2017	ND	216	108	200	2.70	

Surrogate: 1-Chlorooctane 84.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 83.4 % 34.7-157

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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: 04/06/2017
 Reported: 04/13/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 04/06/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 (SURFACE) (H700920-05)

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	04/11/2017	ND	1.94	97.1	2.00	1.51	
Toluene*	<0.050	0.050	04/11/2017	ND	1.80	89.9	2.00	1.30	
Ethylbenzene*	<0.050	0.050	04/11/2017	ND	1.79	89.5	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/11/2017	ND	5.08	84.6	6.00	1.12	
Total BTX	<0.300	0.300	04/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/10/2017	ND	432	108	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	04/07/2017	ND	197	98.6	200	7.04	
DRO >C10-C28	<10.0	10.0	04/07/2017	ND	216	108	200	2.70	

Surrogate: 1-Chlorooctane 80.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 69.8 % 34.7-157

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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: 04/06/2017
 Reported: 04/13/2017
 Project Name: F B DAVIS TANK BATTERY
 Project Number: NOT GIVEN
 Project Location: UL-A SEC. 8, T23S, R37E

Sampling Date: 04/06/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 (5') (H700920-06)

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	04/11/2017	ND	1.94	97.1	2.00	1.51	
Toluene*	<0.050	0.050	04/11/2017	ND	1.80	89.9	2.00	1.30	
Ethylbenzene*	<0.050	0.050	04/11/2017	ND	1.79	89.5	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/11/2017	ND	5.08	84.6	6.00	1.12	
Total BTX	<0.300	0.300	04/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/10/2017	ND	432	108	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	04/08/2017	ND	207	103	200	8.32	
DRO >C10-C28	<10.0	10.0	04/08/2017	ND	219	110	200	13.4	

Surrogate: 1-Chlorooctane 89.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 91.5 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager



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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.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

LAB
Cardinal

Page 9 of 9

Page 1 of 1

Released to Imaging: 9/8/2021 3:50:31 PM

ATTACHMENT IV
Copy of 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

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: Chevron USA Inc.	Contact: Josepha DeLeon
Address: 6301 Deauville Blvd., Midland, TX 79706	Telephone No.: wk: 575-263-0424 Cell: 432-425-1528
Facility Name: F. B. Davis No. 1	Facility Type: Oilwell
Surface Owner: Private	Mineral Owner: Private
API No. 3002532226	

LOCATION OF RELEASE

Unit Letter A	Section 8	Township 23S	Range 37E	Feet from the 660	North/South Line North	Feet from the 500	East/West Line East	County Lea
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Latitude: 32.3243819116778 Longitude: -103.178043472509

NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 15.27 barrels produced water	Volume Recovered: 12 barrels produced water
Source of Release: Pipe	Date and Hour of Occurrence: 01/09/2017: 02:19 PM	Date and Hour of Discovery: 01/09/2017: 02:19 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Maxey Brown	
By Whom? Josie DeLeon	Date and Hour: 01/09/2017: 03:59 PM	
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.*
NA

Describe Cause of Problem and Remedial Action Taken.*

Pipe cracked due to freezing weather. Isolated lease to repair pipe.



Describe Area Affected and Cleanup Action Taken.*

Fluid release into the bermed containment. Vacuum truck extracted standing liquid. Recovered 12 barrels produced water. Remediation plan will follow.

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.

RECEIVED

By Olivia Yu at 2:34 pm, Feb 06, 2017

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Josepha DeLeon	Approved by Environmental Specialist: 	
Title: HES Specialist – Compliance Support - Environmental	Approval Date: 02/06/2017	Expiration Date:
E-mail Address: jdx@chevron.com	Conditions of Approval: see attached directive	Attached <input checked="" type="checkbox"/>
Date: 01/19/2017 Phone: 575-263-0424		

* Attach Additional Sheets If Necessary

1RP-4580

nOY1703753612

pOY1703753758

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 4428

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 4428
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	9/8/2021