



11 September 2015

Ms. Kellie Jones
Environmental Specialist
NMOCD
1625 North French Drive
Hobbs, New Mexico 88240

RE: Remediation Progress Report and Closure Proposal
Chevron – WDDU #42
UL-A, Section 32, Township 24 South, Range 38 East
Lea County, New Mexico
NMOCD Reference # 1RP-3535

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:

Spill was due to crack in nipple on B1 Hanger. Spill area was around the well head and then 600 ft down the road. Vacuum Truck was called out to vacuum up standing fluids; recovered 5 bbls of fluids and cleaned up the area. Backhoe will be excavating top layer of soil approx. 12-18".

Remediation Progress:

On February 23, 2015 EPI personnel mobilized at the site to excavate the release area approximately one (1) foot bgs. Contaminated material was excavated and transported to a state approved facility for disposal.

On March 12, 2015 five (5) soil samples were collected from five (5) sample locations; SS#1 – SS#5. 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 and TPH concentrations in excess of NMOCD Recommended Remedial Action Levels (RRALs) of 10 mg/Kg, 50 mg/Kg, and 5,000 mg/Kg, respectively. Chloride concentrations exceeded NMOCD RRALs of 1,000 mg/Kg in every sample except SS#4 (reference *Figure 3* and *Table 2*).

On April 16, 2015 an additional fifteen (15) soil samples were collected at various depths from five (5) sample locations, SP1 – SP5, in order to determine the vertical extent of Chloride contamination. All samples were sent to Cardinal Labs in Hobbs, New Mexico for testing. Laboratory analytical results indicate Chloride concentrations exceed NMOCD RRALs of 1,000 mg/Kg to a depth of four (4) feet bgs in the area of SP1 and SP5; to a depth of eight (8) feet bgs in the area of SP2; to a depth of one (1) foot bgs in the area of SP3 and SP4 (reference *Figure 4* and *Table 2*).

Based on laboratory analytical results the excavation was deepened to approximately four (4)

feet bgs in an attempt to remove Chloride impacted soil above NMOCD RRALs. To date approximately 1,612 cubic yards of contaminated soil have been excavated and hauled to a state approved facility for disposal.

On August 3, 2015 eight (8) soil samples were collected from eight (8) sample locations throughout the excavated area; SP1 – SP8. All samples were sent to Cardinal Labs in Hobbs, New Mexico for testing. Laboratory analytical results indicate Chloride concentrations exceed NMOCD RRALs in all but three (3) samples (reference *Figure 5* and *Table 2*).

Closure Proposal:

Taking into consideration that the excavation extends several hundred feet down a lease road from the north excavation to the south excavation, EPI proposes to backfill the excavated area on the lease road between the excavations with clean caliche and place a twenty (20) mil thick polyethylene liner in the bottom of the north and south excavations (reference *Figure 6*). The polyethylene liner will lay on a one (1) foot thick layer of clean soil. Remainder of the excavations will be backfilled with selected top soil to finish grade. Top 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 lease road, 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 ddominguezepi@gmail.com or Mr. Ricky Bates at (432) 528-1908 or via e-mail at rbates@chevron.com. All official communication should be addressed to:

Mr. Ricky Bates
Chevron N.A. Exploration Production Co.
P.O. Drawer 29
Andrews, Texas 79714

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

cc: Ricky Bates, Safety Specialist – Chevron, Dollarhide FMT
File

Encl.: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – 3/12 Sample Map
Figure 4 – 4/16 Sample Map
Figure 5 – 8/3 Sample Map
Figure 6 – Proposed Liner
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

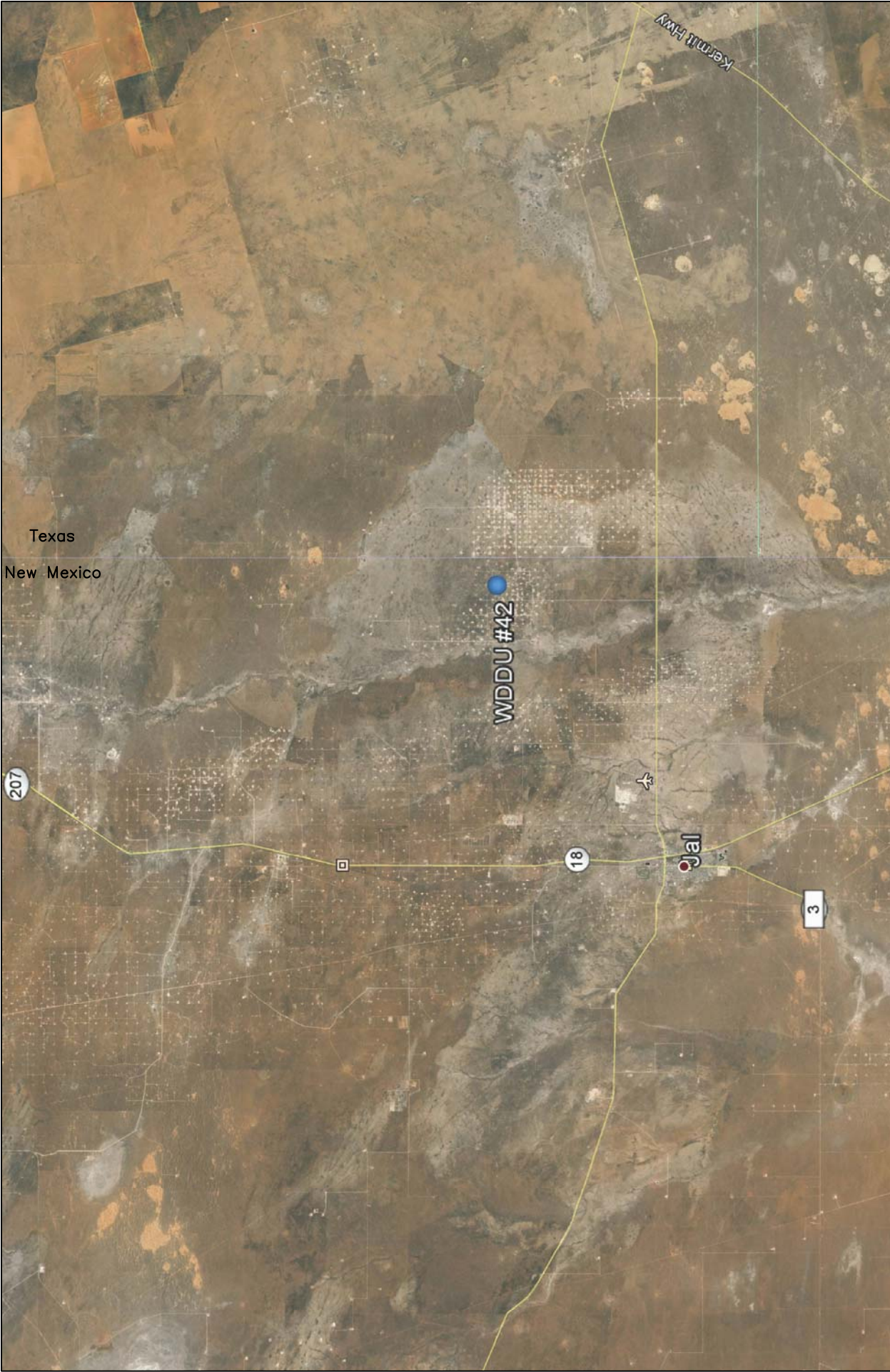
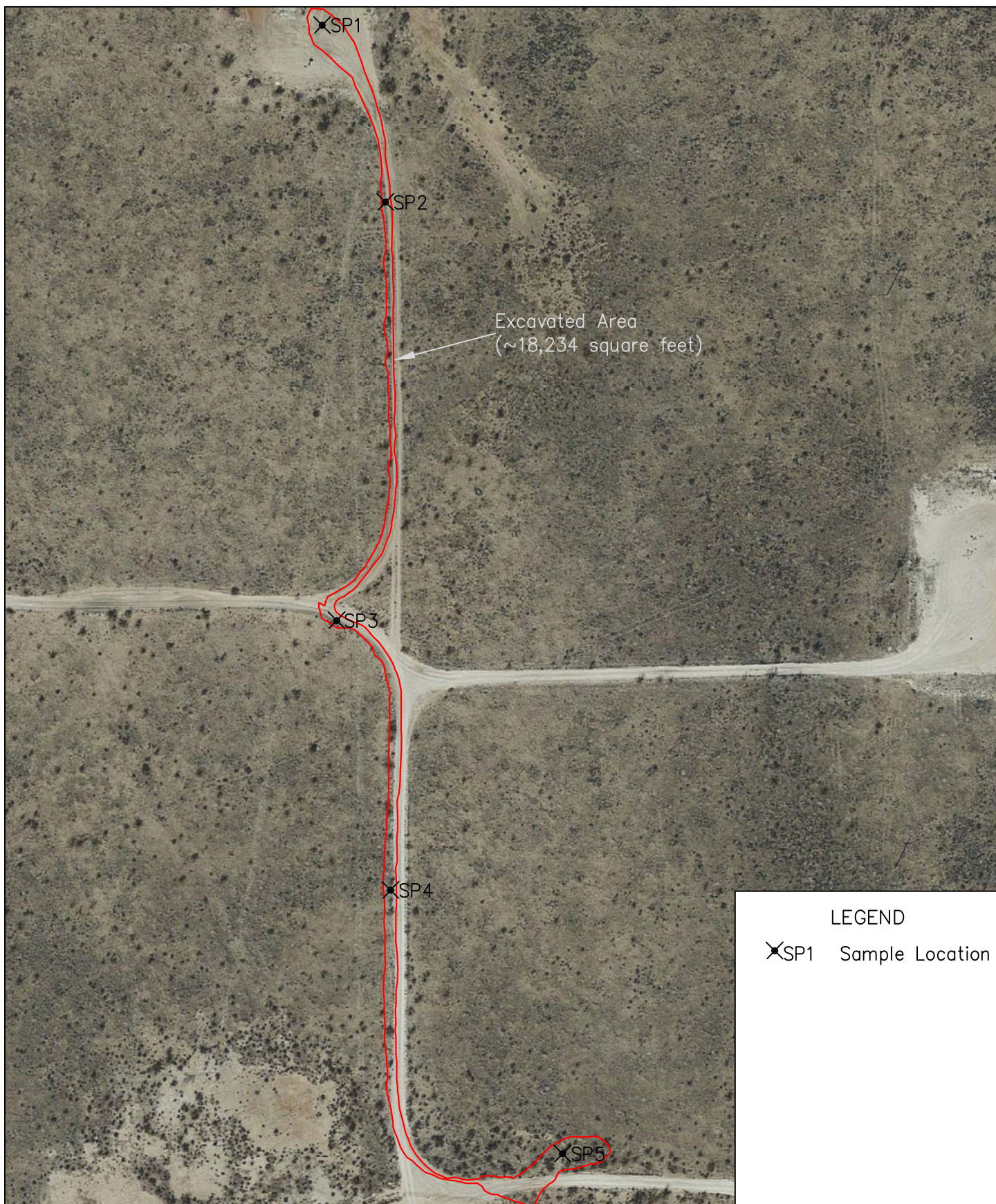
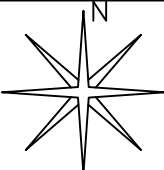


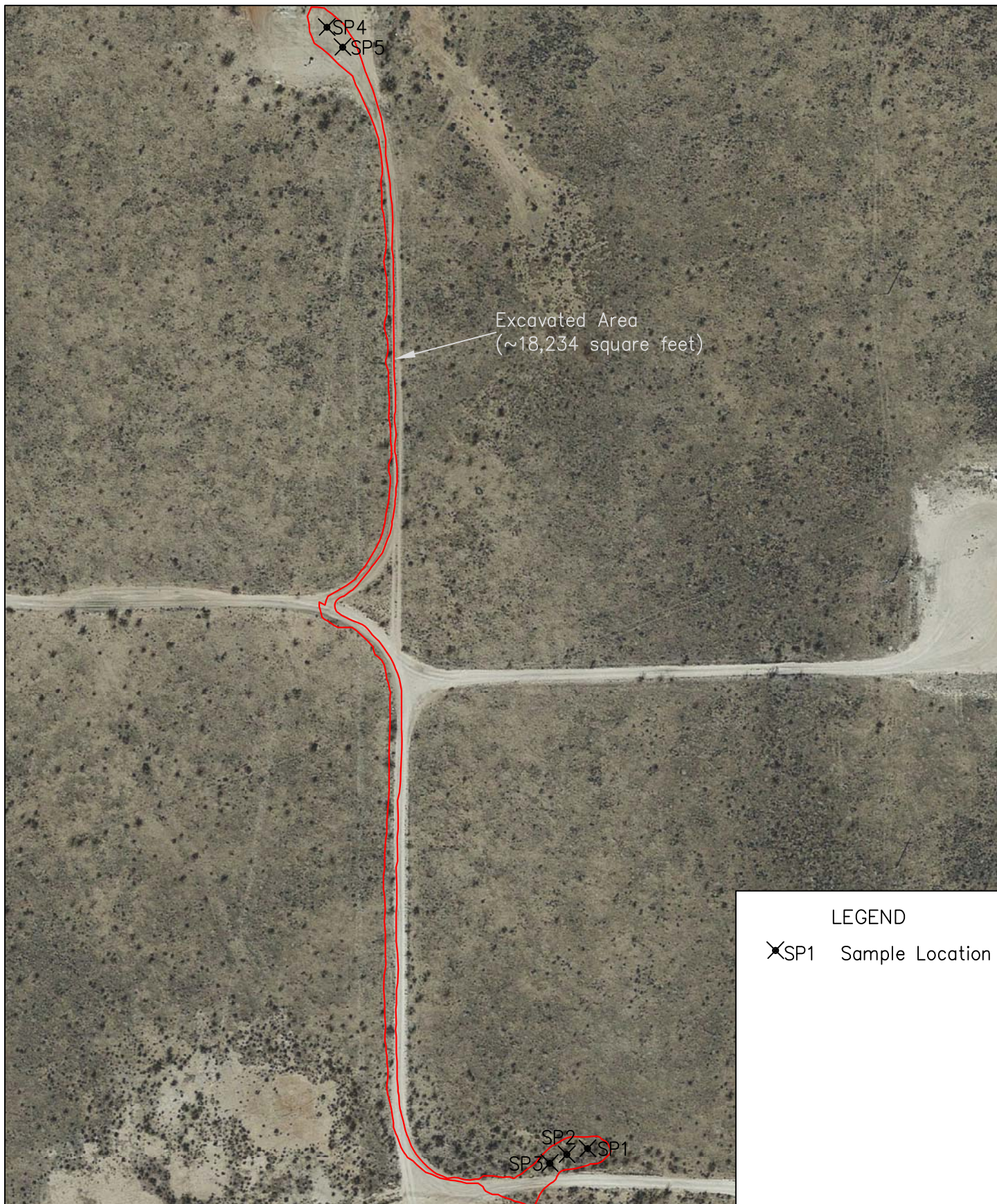
Figure 1 Area Map Chevron WDDU #42	Lea County, New Mexico NE 1/4 of NE 1/4, Sec. 32, T24S, R38E N 32° 10' 44.36" W 103° 4' 32.23" Elevation: 3,209 feet amsl	DWG By: D Dominguez August 2015	REVISED:	
		 Miles		

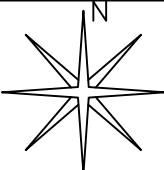
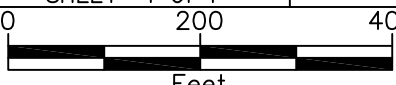


Figure 2 Site Location Map Chevron WDDU #42	Lea County, New Mexico NE 1/4 of NE 1/4, Sec. 32, T24S, R38E N 32° 10' 44.36" W 103° 4' 32.23" Elevation: 3,209 feet amsl	DWG By: D Dominguez August 2015	REVISED:		
		0	2,000	4,000	SHEET 1 of 1
		 Feet			
					



<p>Figure 3</p> <p>3/12 Sample Map</p> <p>Chevron</p> <p>WDDU #42</p>	<p>Lea County, New Mexico</p> <p>NE 1/4 of NE 1/4, Sec. 32, T24S, R38E</p> <p>N 32° 10' 44.36" W 103° 4' 32.23"</p> <p>Elevation: 3,209 feet amsl</p>	<p>DWG By: D Dominguez</p> <p>August 2015</p> <p>SHEET 1 of 1</p>	<p>REVISED:</p>	
		<p>0 200 400</p> <p>Feet</p>		



<p>Figure 4 4/16 Sample Map Chevron WDDU #42</p>	<p>Lea County, New Mexico NE 1/4 of NE 1/4, Sec. 32, T24S, R38E N 32° 10' 44.36" W 103° 4' 32.23" Elevation: 3,209 feet amsl</p>	<p>DWG By: D Dominguez August 2015 SHEET 1 of 1</p>	<p>REVISED:</p>	
		 <p>0 200 400 Feet</p>		

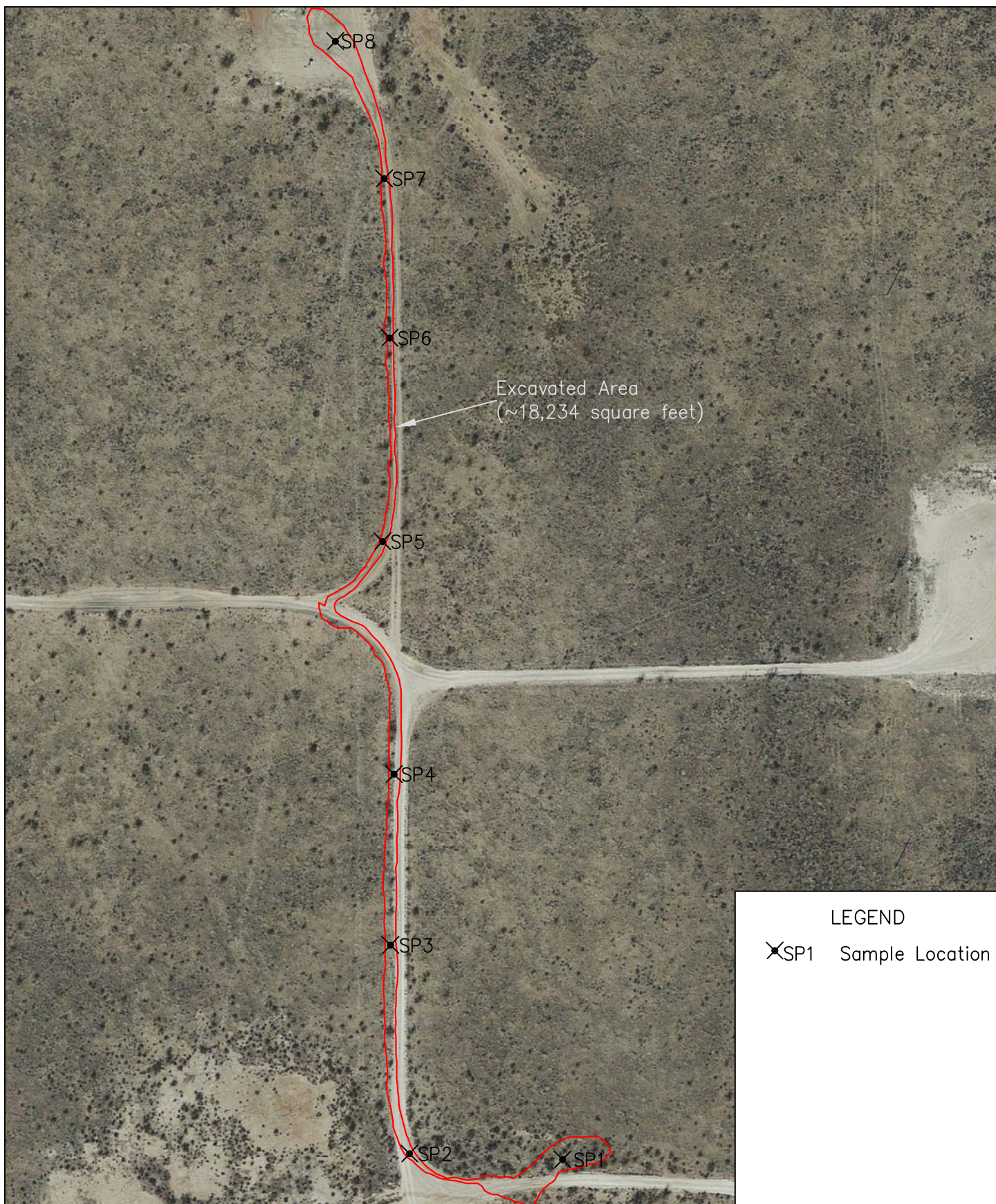


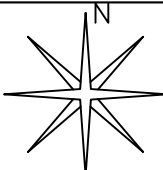



Figure 5 8/3 Sample Map Chevron WDDU #42	Lea County, New Mexico NE 1/4 of NE 1/4, Sec. 32, T24S, R38E N 32° 10' 44.36" W 103° 4' 32.23" Elevation: 3,209 feet amsl	DWG By: D Dominguez August 2015	REVISED:	
		SHEET 1 of 1		
		 0 200 400 Feet		



Figure 6 Proposed Liner Chevron WDDU #42	Lea County, New Mexico NE 1/4 of NE 1/4, Sec. 32, T24S, R38E N 32° 10' 44.36" W 103° 4' 32.23" Elevation: 3,209 feet amsl	DWG By: D Dominguez August 2015	REVISED:	
		SHEET 1 of 1		
		 Feet		

TABLES

TABLE 1

Well Data

Chevron - WDDU #42

Ref #	Well Number	Use	Diversion ^A	Owner	q64	q16	q4	Sec	Twsp	Rng	Easting	Northing	Date Measured	Surface Elevation ^B	Depth to Water (ft bgs)
1	CP 00069	PMH	0	SKELLY OIL COMPANY	2	4	3	31	24S	38E	679087	3560776	--	3,112	--

* = 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 #42

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)
SS #1	1	Excavated	12-Mar-15	--	--	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	5,440
SS #2	1	Excavated	12-Mar-15	--	--	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.7	14.7	3,240
SS #3	1	Excavated	12-Mar-15	--	--	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	3,480
SS #4	1	Excavated	12-Mar-15	--	--	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	608
SS #5	1	Excavated	12-Mar-15	--	--	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	1,470
SP1	Surface	Excavated	16-Apr-15	--	2,240	--	--	--	--	--	--	--	--	1,760
	4	Excavated	16-Apr-15	--	1,200	--	--	--	--	--	--	--	--	1,700
	6	In-Situ	16-Apr-15	--	640	--	--	--	--	--	--	--	--	624
	8	In-Situ	16-Apr-15	--	480	--	--	--	--	--	--	--	--	816
SP2	Surface	Excavated	16-Apr-15	--	604	--	--	--	--	--	--	--	--	608
	8	In-Situ	16-Apr-15	--	1,200	--	--	--	--	--	--	--	--	1,010
SP3	Surface	Excavated	16-Apr-15	--	800	--	--	--	--	--	--	--	--	1,470
	5	In-Situ	16-Apr-15	--	240	--	--	--	--	--	--	--	--	160
SP4	Surface	Excavated	16-Apr-15	--	960	--	--	--	--	--	--	--	--	3,440
	5	In-Situ	16-Apr-15	--	560	--	--	--	--	--	--	--	--	576
	8	In-Situ	16-Apr-15	--	400	--	--	--	--	--	--	--	--	288

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Chevron - WDDU #42

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)
SP5	Surface	Excavated	16-Apr-15	--	2,240	--	--	--	--	--	--	--	--	976
	4	Excavated	16-Apr-15	--	1,600	--	--	--	--	--	--	--	--	1,800
	6	In-Situ	16-Apr-15	--	1,520	--	--	--	--	--	--	--	--	496
	8	In-Situ	16-Apr-15	--	80	--	--	--	--	--	--	--	--	256
SP1	4	In-Situ	03-Aug-15	--	--	--	--	--	--	--	--	--	--	2,160
SP2	4	In-Situ	03-Aug-15	--	--	--	--	--	--	--	--	--	--	176
SP3	4	In-Situ	03-Aug-15	--	--	--	--	--	--	--	--	--	--	672
SP4	4	In-Situ	03-Aug-15	--	--	--	--	--	--	--	--	--	--	1,340
SP5	4	In-Situ	03-Aug-15	--	--	--	--	--	--	--	--	--	--	688
SP6	4	In-Situ	03-Aug-15	--	--	--	--	--	--	--	--	--	--	1,380
SP7	4	In-Situ	03-Aug-15	--	--	--	--	--	--	--	--	--	--	1,340
SP8	4	In-Situ	03-Aug-15	--	--	--	--	--	--	--	--	--	--	5,280
NMOCD Recommended Remedial 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 across north excavation



Photograph #2 – Looking across north excavation



Photograph #3 – Looking south across excavation in road



Photograph #4 – Looking south across excavation in road



Photograph #5 – Looking across south excavation



Photograph #6 – Looking across south excavation

ATTACHMENT II
Laboratory Analytical Results

March 16, 2015

EDEM SEDEDJI

CHEVRON - ANDREWS

P. O. DRAWAER 29

ANDREWS, TX 79714

RE: SOIL SAMPLES

Enclosed are the results of analyses for samples received by the laboratory on 03/12/15 15:50.

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/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

CHEVRON - ANDREWS
EDEM SEDEDJI
P. O. DRAWAER 29
ANDREWS TX, 79714
Fax To: EXT 3

Received: 03/12/2015
Reported: 03/16/2015
Project Name: SOIL SAMPLES
Project Number: NONE GIVEN
Project Location: WDDU 42

Sampling Date: 03/12/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SS #1 (H500678-01)

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	03/13/2015	ND	2.17	109	2.00	1.98	
Toluene*	<0.050	0.050	03/13/2015	ND	1.97	98.6	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/13/2015	ND	1.90	94.8	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/13/2015	ND	5.61	93.5	6.00	2.80	
Total BTEX	<0.300	0.300	03/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5440	16.0	03/16/2015	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	03/13/2015	ND	194	97.1	200	1.08	
DRO >C10-C28	<10.0	10.0	03/13/2015	ND	199	99.7	200	3.45	

Surrogate: 1-Chlorooctane 91.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - ANDREWS
EDEM SEDEDJI
P. O. DRAWAER 29
ANDREWS TX, 79714
Fax To: EXT 3

Received: 03/12/2015
Reported: 03/16/2015
Project Name: SOIL SAMPLES
Project Number: NONE GIVEN
Project Location: WDDU 42

Sampling Date: 03/12/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SS #2 (H500678-02)

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	03/13/2015	ND	2.17	109	2.00	1.98	
Toluene*	<0.050	0.050	03/13/2015	ND	1.97	98.6	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/13/2015	ND	1.90	94.8	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/13/2015	ND	5.61	93.5	6.00	2.80	
Total BTEx	<0.300	0.300	03/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	03/16/2015	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	03/13/2015	ND	194	97.1	200	1.08	
DRO >C10-C28	14.7	10.0	03/13/2015	ND	199	99.7	200	3.45	

Surrogate: 1-Chlorooctane 90.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Reported: 03/16/2015
Project Name: SOIL SAMPLES
Project Number: NONE GIVEN
Project Location: WDDU 42

Sampling Date: 03/12/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SS #3 (H500678-03)

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	03/13/2015	ND	2.17	109	2.00	1.98	
Toluene*	<0.050	0.050	03/13/2015	ND	1.97	98.6	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/13/2015	ND	1.90	94.8	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/13/2015	ND	5.61	93.5	6.00	2.80	
Total BTEx	<0.300	0.300	03/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	03/16/2015	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	03/13/2015	ND	181	90.5	200	7.78	
DRO >C10-C28	<10.0	10.0	03/13/2015	ND	175	87.3	200	15.9	

Surrogate: 1-Chlorooctane 94.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Reported: 03/16/2015
Project Name: SOIL SAMPLES
Project Number: NONE GIVEN
Project Location: WDDU 42

Sampling Date: 03/12/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SS #4 (H500678-04)

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	03/13/2015	ND	2.17	109	2.00	1.98	
Toluene*	<0.050	0.050	03/13/2015	ND	1.97	98.6	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/13/2015	ND	1.90	94.8	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/13/2015	ND	5.61	93.5	6.00	2.80	
Total BTEx	<0.300	0.300	03/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	03/16/2015	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	03/13/2015	ND	181	90.5	200	7.78	
DRO >C10-C28	<10.0	10.0	03/13/2015	ND	175	87.3	200	15.9	

Surrogate: 1-Chlorooctane 92.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - ANDREWS
EDEM SEDEDJI
P. O. DRAWAER 29
ANDREWS TX, 79714
Fax To: EXT 3

Received: 03/12/2015
Reported: 03/16/2015
Project Name: SOIL SAMPLES
Project Number: NONE GIVEN
Project Location: WDDU 42

Sampling Date: 03/12/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SS #5 (H500678-05)

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	03/13/2015	ND	2.17	109	2.00	1.98	
Toluene*	<0.050	0.050	03/13/2015	ND	1.97	98.6	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/13/2015	ND	1.90	94.8	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/13/2015	ND	5.61	93.5	6.00	2.80	
Total BTEx	<0.300	0.300	03/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	03/16/2015	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	03/13/2015	ND	181	90.5	200	7.78	
DRO >C10-C28	<10.0	10.0	03/13/2015	ND	175	87.3	200	15.9	

Surrogate: 1-Chlorooctane 92.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

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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Celey D. Keene, Lab Director/Quality Manager



(575) 393-2326 FAX (575) 393-2476

to (575) 393-2326



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

May 06, 2015

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: WDDU #42

Enclosed are the results of analyses for samples received by the laboratory on 04/29/15 15:54.

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/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	04/29/2015	Sampling Date:	04/16/2015
Reported:	05/06/2015	Sampling Type:	Soil
Project Name:	WDDU #42	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-A SEC.32, T24S, R38E		

Sample ID: SP 1 (SURFACE) (H501124-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	05/05/2015	ND	432	108	400	0.00	

Sample ID: SP 1 (4') (H501124-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	05/05/2015	ND	432	108	400	0.00	

Sample ID: SP 1 (6') (H501124-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	05/05/2015	ND	432	108	400	0.00	

Sample ID: SP 1 (8') (H501124-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	05/05/2015	ND	432	108	400	0.00	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/29/2015
Reported: 05/06/2015
Project Name: WDDU #42
Project Number: NONE GIVEN
Project Location: UL-A SEC.32, T24S, R38E

Sampling Date: 04/16/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP 2 (SURFACE) (H501124-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	05/05/2015	ND	432	108	400	0.00		

Sample ID: SP 2 (8') (H501124-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	05/05/2015	ND	432	108	400	0.00	

Sample ID: SP 3 (SURFACE) (H501124-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	05/05/2015	ND	432	108	400	0.00	

Sample ID: SP 3 (5') (H501124-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/05/2015	ND	432	108	400	0.00	

Sample ID: SP 4 (SURFACE) (H501124-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	05/05/2015	ND	432	108	400	0.00	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/29/2015
Reported: 05/06/2015
Project Name: WDDU #42
Project Number: NONE GIVEN
Project Location: UL-A SEC.32, T24S, R38E

Sampling Date: 04/16/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP 4 (5') (H501124-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/05/2015	ND	432	108	400	0.00	

Sample ID: SP 4 (8') (H501124-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/05/2015	ND	416	104	400	0.00	

Sample ID: SP 5 (SURFACE) (H501124-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	05/05/2015	ND	416	104	400	0.00	

Sample ID: SP 5 (4') (H501124-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	05/05/2015	ND	416	104	400	0.00	

Sample ID: SP 5 (6') (H501124-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/05/2015	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/29/2015
Reported: 05/06/2015
Project Name: WDDU #42
Project Number: NONE GIVEN
Project Location: UL-A SEC.32, T24S, R38E

Sampling Date: 04/17/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP 5 (8') (H501124-15)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/05/2015	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Cardinal Laboratories

*=Accredited Analyte

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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

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 WDDU #42

Location UL-A Sec. 32, T24S, R38E

Project Reference

EPI Sampler Name Heri Gaytan

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



LAB I.D.

SAMPLE I.D.

H501124

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	BTX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE												
1	SP1 (Surface)	G	1	X		X			X		16-Apr-15	10:20	X		X					
2	SP1 (4')	G	1			X			X		16-Apr-15	10:25	X		X					
3	SP1 (6')	G	1			X			X		16-Apr-15	10:30	X		X					
4	SP1 (8')	G	1			X			X		16-Apr-15	10:35	X		X					
5	SP2 (Surface)	G	1			X			X		16-Apr-15	10:40	X		X					
6	SP2 (8')	G	1			X			X		16-Apr-15	10:50	X		X					
7	SP3 (Surface)	G	1			X			X		16-Apr-15	13:15	X		X					
8	SP3 (5')	G	1			X			X		16-Apr-15	13:30	X		X					
9	SP4 (Surface)	G	1			X			X		16-Apr-15	13:50	X		X					
10	SP4 (5')	G	1			X			X		16-Apr-15	14:20	X		X					

Sampler Relinquished:

Date: 4/24/15

Received By:

Relinquished by:

Date: 4-24-15

Received By: (lab staff)

Delivered by:

Sample Cool & Intact

Yes

Checked By:

Notes: E-mail results to: ddominguezepi@gmail.com & rbates@chevron.com

83.804 #54

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

ANALYSIS REQUEST

Bill To

Environmental Plus, Inc.

Daniel Dominguez

P.O. BOX 1558

Eunice New Mexico 88231

575-394-3481 / 575-394-2601

Chevron

WDDU #42

UL-A Sec. 32, T24S, R38E

Project Reference

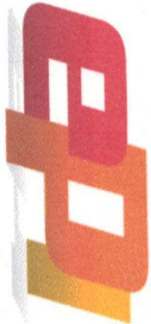
EPI Sampler Name

Heri Gaytan

Attn: Daniel Dominguez

P.O. Box 1558

Eunice, NM 88231



LAB I.D.

SAMPLE I.D.

H501124

(G)RAB OR (C)OMP.

CONTAINERS

GROUND WATER

WASTEWATER

SOIL

CRUDE OIL

SLUDGE

OTHER:

ACID/BASE

ICE/COOL

OTHER

DATE

TIME

BTEX 8021B

TPH 8015M

CHLORIDES (Cl⁻)

SULFATES (SO₄²⁻)

pH

TCLP

OTHER >>>

PAH

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16

17

August 06, 2015

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: WDDU #42

Enclosed are the results of analyses for samples received by the laboratory on 08/03/15 15:23.

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/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received: 08/03/2015
Reported: 08/06/2015
Project Name: WDDU #42
Project Number: NONE GIVEN
Project Location: UL-A SEC.32, T24S, R38E

Sampling Date: 08/03/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (4') (H502005-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	08/06/2015	ND	416	104	400	0.00	

Sample ID: SP 2 (4') (H502005-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/06/2015	ND	416	104	400	0.00	

Sample ID: SP 3 (4') (H502005-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	08/06/2015	ND	416	104	400	0.00	

Sample ID: SP 4 (4') (H502005-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	08/06/2015	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/03/2015
 Reported: 08/06/2015
 Project Name: WDDU #42
 Project Number: NONE GIVEN
 Project Location: UL-A SEC.32, T24S, R38E

 Sampling Date: 08/03/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 5 (4') (H502005-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/06/2015	ND	416	104	400	0.00	

Sample ID: SP 6 (4') (H502005-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	08/06/2015	ND	416	104	400	0.00	

Sample ID: SP 7 (4') (H502005-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	08/06/2015	ND	416	104	400	0.00	

Sample ID: SP 8 (4') (H502005-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	08/06/2015	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

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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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

Company Name Environmental Plus, Inc.

Bill To

ANALYSIS REQUEST

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

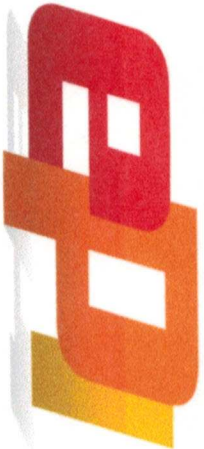
Facility Name WDDU #42

Location UL-A Sec. 32, T24S, R38E

Project Reference

EPI Sampler Name Heri Gaytan

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



LAB I.D.

SAMPLE I.D.

#1502005

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING		DATE	TIME	BTX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:		ICE/COOL	OTHER										
1	SP1 (4')	G	1			X					X		03-Aug-15	9:20			X					
2	SP2 (4')	G	1			X					X		03-Aug-15	9:25			X					
3	SP3 (4')	G	1			X					X		03-Aug-15	9:30			X					
4	SP4 (4')	G	1			X					X		03-Aug-15	9:35			X					
5	SP5 (4')	G	1			X					X		03-Aug-15	9:40			X					
6	SP6 (4')	G	1			X					X		03-Aug-15	9:45			X					
7	SP7 (4')	G	1			X					X		03-Aug-15	9:50			X					
8	SP8 (4')	G	1			X					X		03-Aug-15	9:55			X					
9																						
10																						

Sampler Relinquished:

Date 8/3/15

Received By:

Relinquished By: *[Signature]*

Date 8/3/15

Received By: (lab staff) *[Signature]*

Time 11:30 am

Time 3:30 pm

Sample Cool & Intact

Delivered by: *[Signature]*

-7.0°C

#54

E-mail results to: ddominguezepi@gmail.com & rthates@chevron.com
NOTES:

ATTACHMENT III
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

Accepted as Initial ONLY

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company: Chevron N.A. Exploration Production Co.	Contact: Edem F Sededji
Address: P.O. Drawer 29 Andrews TX 79714	Telephone No. 432-234-4437
Facility Name: WDDU 42	Facility Type: Injection Well

Surface Owner: New Mexico	Mineral Owner: New Mexico	API No. 3002512321
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LOCATION OF RELEASE

Unit Letter A	Section 32	Township 24-S	Range 38-E	Feet from the 660	North/South Line North	Feet from the 660	East/West Line East	County Lea
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Latitude 32°10'44.36"N Longitude 103° 4'32.23"W

NATURE OF RELEASE

Type of Release: Spill to Land	Volume of Release: 9 barrels of Produced Water	Volume Recovered: 5 bbls
Source of Release: Crack in nipple on B1 Hanger	Date and Hour of Occurrence: 02/11/2015 11:30 AM	Date and Hour of Discovery 02/11/2015 11:30 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.*

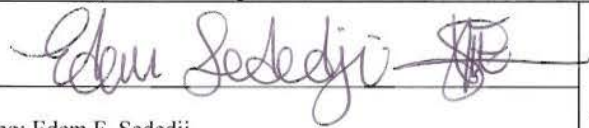

Describe Cause of Problem and Remedial Action Taken.*

Spill was due to crack in nipple on B1 Hanger.

Describe Area Affected and Cleanup Action Taken.*

Spill area was around the well head and then 600 FT down the road. Vacuum Truck was called out to vacuum up standing fluids, recovered 5 bbls of fluids and cleaned up the area. Backhoe will be excavating top layer of soil approx. 12-18". Next step is to take samples to determine effectiveness of local remediation and possibly turn remediation over to the Chevron Environmental Management Company if TPH and Chlorides levels are above required threshold.

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

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Edem F. Sededji	Approved by Environmental Specialist: 	
Title: Health and Environmental Specialist	Approval Date: 02/13/2015	Expiration Date: 04/13/2015
E-mail Address: etpo@chevron.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 02/12/2015 Phone: 432-234-4437	Site samples required. Delineate and remediate are as per NMOC guides.	1RP-3535

* Attach Additional Sheets If Necessary

nTO1504427248 4323
pTO1504429181