

ENVIRONMENTAL PLUS, INC.

2100 AVE 'O'
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Site Characterization and Work Plan

**Legacy, L.P.
Jal Cooper #239
Lea County, New Mexico
Unit Letter "H", Section 25, Township 24 South, Range 36 East
Latitude 32.190606 North, Longitude 103.210428 West
NMOCD Reference #1RP-4536**

Prepared For:

APPROVED

By Olivia Yu at 9:04 am, May 04, 2017

Legacy, L.P.
P.O. Box 10848
Midland, Texas 79702

Prepared By:

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

February 2017

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

Daniel Dominguez
Project Manager

NMOCD approves the delineation workplan for 1RP-4536.
-Bottom confirmation samples are requested for SP5 and SP6 at 3 ft. bgs.



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

Background:

The site is located in Unit Letter H (SE ¼ NE ¼), Section 25, Township 24 South, Range 36 East, approximately five miles north-west of Jal, in Lea County, New Mexico. The property is owned by the Woolworth Trust.

The release site is located on an active lease road; latitude 32.190606 North, longitude 103.210428 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 December 15, 2016 approximately 130 barrels of produced water was released when an injection line developed a leak releasing the fluid to lease road and pasture. A vacuum truck was dispatched to the site and recovered approximately 90 barrels, resulting in a net loss of 40 barrels of produced water. The visually stained area covers approximately 37,500 square feet of lease road and 56,500 square feet of pasture area totaling 94,000 square feet. The Initial NMOCD Form C-141 in 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 two 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 135 feet below ground surface (bgs) within a 2,000-meter radius of the release site (reference *Attachment II*).

Utilizing this information, the NMOCD guidelines indicate the Jal Cooper #239 release site to have a ranking score of zero. Based on this score, the NMOCD Recommended Remedial Action Levels (RRALs) for this Site were determined as follows: Benzene – 10 mg/Kg, BTEX – 50 mg/Kg, TPH – 5,000 mg/Kg, and Chloride – 1,000 mg/Kg.

The produced water traveled down the lease road approximately 2,000'. This area is sandy topsoil over compacted caliche. Approximately 1,800' down the road, the produced water entered the pasture covering an area approximately 230' x 320'. This area is sandy topsoil over caliche.

Delineation Progress:

On December 16, 21, and 27, 2016 and January 9, 2017 EPI personnel mobilized on site to collect soil samples to determine the vertical extent of contamination. A total of thirty-three soil samples were collected from six sample locations; SP1 – SP6. Six representative samples, one from TD at each sample location, were sent to Cardinal Labs in Hobbs, New Mexico, for chloride testing. Laboratory analytical results indicate that, apart from SP1 at four feet bgs, the release area is void of Chloride concentrations more than NMOCD RRALs of 1,000 mg/Kg (reference *Figure 3* and *Table 2*).

On February 27-28, 2017 EPI personnel mobilized on site to collect soil samples to determine the vertical and horizontal extent of contamination. A total of thirteen vertical soil samples were collected from six sample locations; SP1 – SP6. Six representative samples, one from TD at each sample location, were sent to Cardinal Labs in Hobbs, New Mexico, for chloride testing. Laboratory analytical results indicate that Chloride concentrations more than NMOCD RRALs of 1,000 mg/Kg are not present at eighteen to twenty-two feet bgs.

A total of twenty-two horizontal soil samples were collected from six sample locations surrounding the release area; SP1 E – SP6 S. All twenty-two soil samples were sent to Cardinal Labs in Hobbs, New Mexico, for chloride testing. Laboratory analytical results indicate that the area adjacent to the release area, horizontally, is void of Chloride concentrations more than NMOCD RRALs of 1,000 mg/Kg (reference *Figure 3* and *Table 2*).

Proposed Actions:

Taking into consideration the release occurred on an active lease road, and field chloride testing indicating chloride levels above NMOCD RRALs between three and six feet bgs (reference *Table 2*), EPI proposes to excavate the lease road area to one foot bgs and then backfill with one foot of caliche to impede the further vertical migration of chloride impacts.

Field chloride testing in the area off the road in the pasture indicate chloride levels above NMOCD RRALs to two feet bgs (reference *Table 2*). EPI proposes to excavate this area to three feet bgs to ensure removal of chloride impacts. The pasture excavation will first be backfilled with two feet of caliche and then one foot of select top soil to finish grade. Top soil and caliche 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 and pasture area and protected against wind/water erosion. The disturbed pasture area will be seeded with a mixture approved by the property owner. However, it is recommended completing this activity in late spring 2017 when ground conditions are more conducive to vegetative growth.

Following completion of NMOCD approved Proposed Actions, EPI will provide a detailed *Final Closure Report* to Legacy, L.P. and NMOCD personnel. Legacy, L.P. and EPI personnel would welcome an opportunity to briefly discuss the *Work Plan* at your earliest convenience.

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. Steven Dittman at (432) 312-4757 or via e-mail at sdittman@legacylp.com. All official communication should be addressed to:

Mr. Steven Dittman
Legacy, L.P.
P.O. Box 10848
Midland, TX 79702

Sincerely,

ENVIRONMENTAL PLUS, INC.



Daniel Dominguez
Environmental Consultant

cc: Olivia Yu, Environmental Specialist – NMOCD District 1, Hobbs
Steven Dittman, Production Tech – Legacy, L.P.
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 – NMOSE Average Depth to Groundwater
Attachment III – Laboratory Analytical Results
Attachment IV – Copy of Initial NMOCD Form C-141

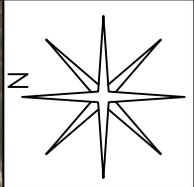
FIGURES

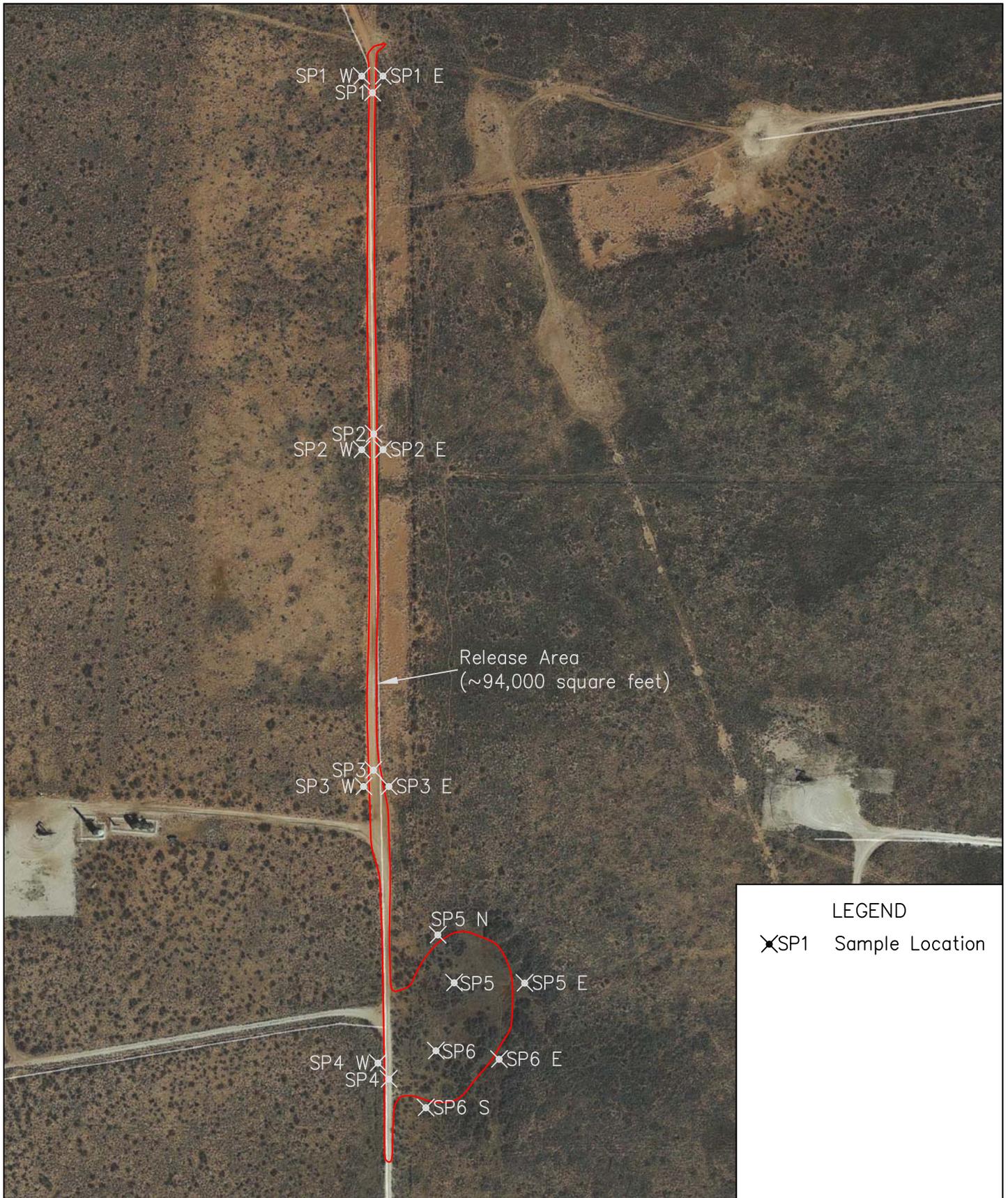


<p>Figure 1 Area Map Legacy, L.P. Jal Cooper Unit #239</p>	<p>Lea County, New Mexico SE 1/4 of NE 1/4, Sec. 25, T24S, R36E N 32° 11' 26.18" W 103° 12' 37.54" Elevation: 3,280 feet amsl</p>		<p>DWG By: D Dominguez December 2016</p>	<p>REVISED:</p>	
	<p>0 3 6 Miles</p>		<p>6</p>	<p>SHEET 1 of 1</p>	



<p>Figure 2 Site Location Map Legacy, L.P. Jal Cooper Unit #239</p>	<p>Lea County, New Mexico SE 1/4 of NE 1/4, Sec. 25, T24S, R36E N 32° 11' 26.18" W 103° 12' 37.54" Elevation: 3,280 feet amsl</p>	<p>DWG By: D Dominguez December 2016</p> <p>REVISED:</p> <table border="1"> <tr> <td>0</td> <td>2,000</td> <td>4,000</td> <td>SHEET</td> </tr> <tr> <td colspan="3"> </td> <td>1 of 1</td> </tr> </table> <p>Feet</p>	0	2,000	4,000	SHEET				1 of 1
0	2,000	4,000	SHEET							
			1 of 1							





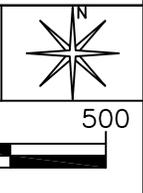
LEGEND

X SP1 Sample Location

Figure 3
 Sample/Site Map
 Legacy, L.P.
 Jal Cooper Unit #239

Lea County, New Mexico
 SE 1/4 of NE 1/4, Sec. 25, T24S, R36E
 N 32° 11' 26.18" W 103° 12' 37.54"
 Elevation: 3,280 feet amsl

DWG By: D Dominguez
 December 2016



TABLES

TABLE 1
Well Data

Legacy, L.P. - Jal Cooper Unit #239

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 01188	MON	0	CHEVRON ENVIRONMENTAL MGMT	2	1	4	24	24S	36E	668131	3564233	1,151	30-Sep-13	3,327	136
2	CP 01174	MON	0	ENVIRONMENTAL COMPLIANCE	2	4	2	24	24S	36E	668516	3564680	1,722	--	3,306	--

* = 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.

-- = Data not provided

MON = Monitoring Well

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

Legacy, L.P.

Jal Cooper Unit #239

Lab Sample ID	Depth (feet)	Soil Status	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
SP1	Surface	Excavated	16-Dec-16	--	2,800	--	--	--	--	--	--	--	--	--
	1	In Situ	16-Dec-16	--	2,400	--	--	--	--	--	--	--	--	--
	2	In Situ	16-Dec-16	--	1,600	--	--	--	--	--	--	--	--	--
	3	In Situ	16-Dec-16	--	3,040	--	--	--	--	--	--	--	--	--
	4	In Situ	09-Jan-17	--	720	--	--	--	--	--	--	--	--	1,150
	14	In Situ	27-Feb-17	--	160	--	--	--	--	--	--	--	--	--
	18	In Situ	27-Feb-17	--	160	--	--	--	--	--	--	--	--	128
	SP2	Surface	Excavated	16-Dec-16	--	4,000	--	--	--	--	--	--	--	--
1		In Situ	16-Dec-16	--	1,200	--	--	--	--	--	--	--	--	--
2		In Situ	16-Dec-16	--	1,400	--	--	--	--	--	--	--	--	--
3		In Situ	16-Dec-16	--	2,320	--	--	--	--	--	--	--	--	--
4		In Situ	09-Jan-17	--	1,600	--	--	--	--	--	--	--	--	--
6		In Situ	09-Jan-17	--	1,880	--	--	--	--	--	--	--	--	--
10		In Situ	09-Jan-17	--	960	--	--	--	--	--	--	--	--	864
14		In Situ	27-Feb-17	--	160	--	--	--	--	--	--	--	--	--
18		In Situ	27-Feb-17	--	160	--	--	--	--	--	--	--	--	192

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Legacy, L.P.
Jal Cooper Unit #239

Lab 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)	
SP3	Surface	In Situ	16-Dec-16	--	2,560	--	--	--	--	--	--	--	--	--	
	1	In Situ	16-Dec-16	--	2,000	--	--	--	--	--	--	--	--	--	
	2	In Situ	16-Dec-16	--	1,840	--	--	--	--	--	--	--	--	--	
	3	In Situ	16-Dec-16	--	1,920	--	--	--	--	--	--	--	--	--	
	4	In Situ	09-Jan-17	--	880	--	--	--	--	--	--	--	--	736	
	14	In Situ	27-Feb-17	--	160	--	--	--	--	--	--	--	--	--	
	18	In Situ	27-Feb-17	--	160	--	--	--	--	--	--	--	--	176	
	SP4	Surface	In Situ	16-Dec-16	--	2,400	--	--	--	--	--	--	--	--	--
		1	In Situ	21-Dec-16	--	1,280	--	--	--	--	--	--	--	--	--
2		In Situ	21-Dec-16	--	1,200	--	--	--	--	--	--	--	--	--	
3		In Situ	21-Dec-16	--	1,440	--	--	--	--	--	--	--	--	--	
4		In Situ	21-Dec-16	--	1,200	--	--	--	--	--	--	--	--	--	
5		In Situ	21-Dec-16	--	1,880	--	--	--	--	--	--	--	--	--	
6		In Situ	21-Dec-16	--	1,600	--	--	--	--	--	--	--	--	--	
8		In Situ	09-Jan-17	--	240	--	--	--	--	--	--	--	--	160	
14		In Situ	27-Feb-17	--	240	--	--	--	--	--	--	--	--	--	
18	In Situ	27-Feb-17	--	240	--	--	--	--	--	--	--	--	208		

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Legacy, L.P.
Jal Cooper Unit #239

Lab 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	1	In Situ	27-Dec-16	--	2,400	--	--	--	--	--	--	--	--	--
	2	In Situ	27-Dec-16	--	1,600	--	--	--	--	--	--	--	--	--
	3	In Situ	27-Dec-16	--	480	--	--	--	--	--	--	--	--	--
	4	In Situ	27-Dec-16	--	400	--	--	--	--	--	--	--	--	576
	14	In Situ	27-Feb-17	--	240	--	--	--	--	--	--	--	--	--
	18	In Situ	27-Feb-17	--	240	--	--	--	--	--	--	--	--	224
SP6	1	In Situ	27-Dec-16	--	1,200	--	--	--	--	--	--	--	--	--
	2	In Situ	27-Dec-16	--	1,200	--	--	--	--	--	--	--	--	--
	3	In Situ	27-Dec-16	--	80	--	--	--	--	--	--	--	--	--
	4	In Situ	27-Dec-16	--	80	--	--	--	--	--	--	--	--	32
	14	In Situ	27-Feb-17	--	400	--	--	--	--	--	--	--	--	--
	18	In Situ	27-Feb-17	--	240	--	--	--	--	--	--	--	--	--
	22	In Situ	27-Feb-17	--	240	--	--	--	--	--	--	--	--	208
SP1 E	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	32

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Legacy, L.P.
Jal Cooper Unit #239

Lab 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 W	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	32
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
SP2 E	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	32
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
SP2 W	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	32
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	<16.0
SP3 E	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
SP3 W	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	32
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
SP4 W	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	32
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	32
SP5 N	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Legacy, L.P.
Jal Cooper Unit #239

Lab 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 E	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	<16.0
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	32
SP6 E	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
SP6 S	Surface	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
	2	In Situ	28-Feb-17	--	80	--	--	--	--	--	--	--	--	16
NMOC D Recommended Remedial Action Levels														
				100	10					50			5,000	1,000

-- = Not Analyzed
Red values are in excess of NMOC D Recommended Remedial Action Levels

ATTACHMENTS

ATTACHMENT I
Photographs



Photograph #1- Point of release



Photograph #2- Looking across release area.



Photograph #3- Looking across release area.



Photograph #4- Looking across release area.



Photograph #5- Looking across release area.



Photograph #6- Looking across release area.



Photograph #7 – Looking across pasture release area



Photograph #8 – Looking across pasture release area

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 01188 POD2			LE	3	2	4	24	24S	36E	668359	3564067	1151	171	135	36
CP 01188 POD1			LE	2	1	4	24	24S	36E	668131	3564233	1386	176	136	40

Average Depth to Water: **135 feet**

Minimum Depth: **135 feet**

Maximum Depth: **136 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 668696

Northing (Y): 3562967

Radius: 2000

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.

ATTACHMENT III
Laboratory Analytical Results



January 05, 2017

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

RE: JAL COOPER UNIT #239

Enclosed are the results of analyses for samples received by the laboratory on 01/03/17 15:36.

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

Analytical Results For:

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

Received:	01/03/2017	Sampling Date:	12/27/2016
Reported:	01/05/2017	Sampling Type:	Soil
Project Name:	JAL COOPER UNIT #239	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-H SEC. 25, T24S, R36E		

Sample ID: SP 5 (4') (H700007-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	01/04/2017	ND	416	104	400	0.00	

Sample ID: SP 6 (4') (H700007-02)

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	01/04/2017	ND	432	108	400	3.77	

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

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



Celey D. Keene, Lab Director/Quality Manager

Environmental Plus, Inc.

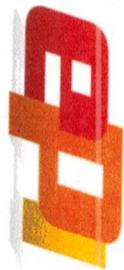
2100 Avenue O, Eunice, NM 88231
 (575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form
 LAB Cardinal

Bill To

ANALYSIS REQUEST



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

Company Name: Environmental Plus, Inc.
 EPI Project Manager: Daniel Dominguez
 Mailing Address: P.O. BOX 1558
 City, State, Zip: Eunice New Mexico 88231
 EPI Phone#/Fax#: 575-394-3481 / 575-394-2601
 Client Company: Legacy LP
 Facility Name: Jal Cooper Unit #239
 Location: UL-H Sec. 25, T24S, R36E
 Project Reference:
 EPI Sampler Name: Heri Gaytan

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH		
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE													ICE/COOL	OTHER
A1DDDD7		G	1	X								27-Dec-16	8:40			X								
		G	1	X								27-Dec-16	10:05			X								

Sampler Relinquished: _____ Receiver By: _____
 Date: 1/3/17 Time: 6:00 am
 Relinquished by: _____ Received By: (lab staff) _____
 Date: 1/3/17 Time: 3:30 pm
 Delivered by: _____ Sample Cool & Intact: Yes No
 Checked By: _____

Notes:
 E-mail results to: ddominguezepi@gmail.com & ebarrientz@legacylp.com



January 16, 2017

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

RE: JAL COOPER UNIT #239

Enclosed are the results of analyses for samples received by the laboratory on 01/12/17 15:37.

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 style with a large, flowing "C" and "K".

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:	01/12/2017	Sampling Date:	01/09/2017
Reported:	01/16/2017	Sampling Type:	Soil
Project Name:	JAL COOPER UNIT #239	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-H SEC. 25, T24S, R36E		

Sample ID: SP 1 (4') (H700088-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	01/13/2017	ND	432	108	400	0.00	

Sample ID: SP 2 (10') (H700088-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	01/13/2017	ND	432	108	400	0.00	

Sample ID: SP 3 (4') (H700088-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	01/13/2017	ND	432	108	400	0.00	

Sample ID: SP 4 (8') (H700088-04)

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	01/13/2017	ND	432	108	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



Celey D. Keene, Lab Director/Quality Manager



March 03, 2017

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: JAL COOPER UNIT #239

Enclosed are the results of analyses for samples received by the laboratory on 02/28/17 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.

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Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
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Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	02/28/2017	Sampling Date:	02/27/2017
Reported:	03/03/2017	Sampling Type:	Soil
Project Name:	JAL COOPER UNIT #239	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-H SEC. 25, T24S, R36E		

Sample ID: SP 1 (18') (H700508-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/01/2017	ND	448	112	400	0.00	

Sample ID: SP 2 (18') (H700508-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/01/2017	ND	448	112	400	0.00	

Sample ID: SP 3 (18') (H700508-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/01/2017	ND	448	112	400	0.00	

Sample ID: SP 4 (18') (H700508-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/01/2017	ND	448	112	400	0.00	

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*=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: 02/28/2017
 Reported: 03/03/2017
 Project Name: JAL COOPER UNIT #239
 Project Number: NONE GIVEN
 Project Location: UL-H SEC. 25, T24S, R36E

 Sampling Date: 02/27/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 5 (18') (H700508-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/01/2017	ND	448	112	400	0.00	

Sample ID: SP 6 (22') (H700508-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/01/2017	ND	448	112	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

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- RPD Relative Percent Difference
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- *** 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



March 03, 2017

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

RE: JAL COOPER UNIT #239

Enclosed are the results of analyses for samples received by the laboratory on 02/28/17 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.

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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".

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:	02/28/2017	Sampling Date:	02/28/2017
Reported:	03/03/2017	Sampling Type:	Soil
Project Name:	JAL COOPER UNIT #239	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-H SEC. 25, T24S, R36E		

Sample ID: SP 1 EAST (SURFACE) (H700509-01)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 1 EAST (2') (H700509-02)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 1 WEST (SURFACE) (H700509-03)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 1 WEST (2') (H700509-04)

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	03/02/2017	ND	448	112	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: 02/28/2017
 Reported: 03/03/2017
 Project Name: JAL COOPER UNIT #239
 Project Number: NONE GIVEN
 Project Location: UL-H SEC. 25, T24S, R36E

Sampling Date: 02/28/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 EAST (SURFACE) (H700509-05)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 2 EAST (2') (H700509-06)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 2 WEST (SURFACE) (H700509-07)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 2 WEST (2') (H700509-08)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 3 EAST (SURFACE) (H700509-09)

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	03/02/2017	ND	448	112	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: 02/28/2017
 Reported: 03/03/2017
 Project Name: JAL COOPER UNIT #239
 Project Number: NONE GIVEN
 Project Location: UL-H SEC. 25, T24S, R36E

 Sampling Date: 02/28/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 EAST (2') (H700509-10)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 3 WEST (SURFACE) (H700509-11)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 3 WEST (2') (H700509-12)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 4 WEST (SURFACE) (H700509-13)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 4 WEST (2') (H700509-14)

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	03/02/2017	ND	448	112	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: 02/28/2017
 Reported: 03/03/2017
 Project Name: JAL COOPER UNIT #239
 Project Number: NONE GIVEN
 Project Location: UL-H SEC. 25, T24S, R36E

 Sampling Date: 02/28/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 5 NORTH (SURFACE) (H700509-15)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 5 NORTH (2') (H700509-16)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 5 EAST (SURFACE) (H700509-17)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 5 EAST (2') (H700509-18)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 6 EAST (SURFACE) (H700509-19)

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	03/02/2017	ND	448	112	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: 02/28/2017
 Reported: 03/03/2017
 Project Name: JAL COOPER UNIT #239
 Project Number: NONE GIVEN
 Project Location: UL-H SEC. 25, T24S, R36E

 Sampling Date: 02/28/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 6 EAST (2') (H700509-20)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 6 SOUTH (SURFACE) (H700509-21)

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	03/02/2017	ND	448	112	400	0.00	

Sample ID: SP 6 SOUTH (2') (H700509-22)

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	03/02/2017	ND	448	112	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

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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

Bill To

Chain of Custody Form
 LAB Cardinal

Company Name		Environmental Plus, Inc.		 <p>Attn: Daniel Dominguez P.O. Box 1558 Eunice, NM 88231</p>		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		Legacy LP																																							
Facility Name		Jal Cooper Unit #239																																							
Location		UL-H Sec. 25, T24S, R36E																																							
Project Reference																																									
EPI Sampler Name		Dustin Crockett																																							
LAB I.D.		SAMPLE I.D.		MATRIX		PRESERV.		SAMPLING																																	
H700509		(G)RAB OR (C)OMP.		GROUND WATER		WASTEWATER		SOIL		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE		ICE/COOL		OTHER		DATE		TIME		BTEX 8021B		TPH 8015M		CHLORIDES (Cl)		SULFATES (SO ₄ ²⁻)		pH		TCLP		OTHER >>>		PAH	
1 SP1 East (Surface)		G		1		X		X		X		X		X		X		X		X		28-Feb-17		8:15		X		X		X		X		X		X					
2 SP1 East (2')		G		1		X		X		X		X		X		X		X		X		28-Feb-17		8:20		X		X		X		X		X		X					
3 SP1 West (Surface)		G		1		X		X		X		X		X		X		X		X		28-Feb-17		8:25		X		X		X		X		X		X					
4 SP1 West (2')		G		1		X		X		X		X		X		X		X		X		28-Feb-17		8:30		X		X		X		X		X		X					
5 SP2 East (Surface)		G		1		X		X		X		X		X		X		X		X		28-Feb-17		8:35		X		X		X		X		X		X					
6 SP2 East (2')		G		1		X		X		X		X		X		X		X		X		28-Feb-17		8:40		X		X		X		X		X		X					
7 SP2 West (Surface)		G		1		X		X		X		X		X		X		X		X		28-Feb-17		8:45		X		X		X		X		X		X					
8 SP2 West (2')		G		1		X		X		X		X		X		X		X		X		28-Feb-17		8:50		X		X		X		X		X		X					
9 SP3 East (Surface)		G		1		X		X		X		X		X		X		X		X		28-Feb-17		8:55		X		X		X		X		X		X					
10 SP3 East (2')		G		1		X		X		X		X		X		X		X		X		28-Feb-17		10:00		X		X		X		X		X		X					
Sampler Relinquished:		Date 2/28/17		Received By:		Date 2/28/17		Time 12:00 pm		Received By: (lab staff)		Date 2/28/17		Time 3:58 pm		Sample-Cool & Intact		Yes		No		Checked By:		Date 2/28/17		Time 10:15															
Relinquished by:		Date 2/28/17		Received By:		Date 2/28/17		Time 12:00 pm		Received By: (lab staff)		Date 2/28/17		Time 3:58 pm		Sample-Cool & Intact		Yes		No		Checked By:		Date 2/28/17		Time 10:15															
Delivered by:		Date 2/28/17		Received By:		Date 2/28/17		Time 12:00 pm		Received By: (lab staff)		Date 2/28/17		Time 3:58 pm		Sample-Cool & Intact		Yes		No		Checked By:		Date 2/28/17		Time 10:15															

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

ATTACHMENT IV
Copy of Initial NMOCD Form C-141

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 22 2016

Form C-141
Revised August 8, 2011

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

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

240974 240974 Release Notification and Corrective Action

240974 OPERATOR Initial Report Final Report

Name of Company: Legacy, L.P. 240974	Contact: Ernest Barrientez
Address: P.O. Box 10848 Midland, TX 79702	Telephone No. 432-853-0633
Facility Name: Jal Cooper Unit #239	Facility Type: Injection Line
Surface Owner: Woolworth Trust	Mineral Owner:
API No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	25	24S	36E					Lea

Latitude: N 32.190606° Longitude: W 103.210428°

NATURE OF RELEASE

Type of Release: produced water	Volume of Release: 130 barrels	Volume Recovered: 90 barrels
Source of Release: injection line failed	Date and Hour of Occurrence: 12/15/16 @ unknown	Date and Hour of Discovery: 12/15/16 @ unknown
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Whitaker, OCD	
By Whom? Woolworth Trust	Date and Hour: 12/15/16	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: Not Applicable	
If a Watercourse was Impacted, Describe Fully.* Not Applicable		
Describe Cause of Problem and Remedial Action Taken.* An injection line developed a leak releasing fluid to lease road and pasture. A vacuum truck was dispatched to collect standing fluid.		
Describe Area Affected and Cleanup Action Taken.* A vacuum truck was called to the location and was able to recover 90 barrels of the fluid from lease road and pasture. Surface contamination will be scraped up and samples will be collected from release area.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Ernest Barrientez	Approved by Environmental Specialist	
Title: Production Foreman	Approval Date: 12/29/16	Expiration Date: N/A
E-mail Address: ebarrientez@legacylp.com	Conditions of Approval: see attached	
Date: 12-20-2016 Phone: 432-853-0633	Attached <input checked="" type="checkbox"/>	

* Attach Additional Sheets If Necessary

IRP-4536