



LEGEND	
	Lab Samples
	Field Samples
	Point of Release
	Samples 8/22/17

<p>Figure 3</p> <p>Sample/Site Map</p> <p>Legacy, L.P.</p> <p>LMPSU #286 Flowline</p>	<p>Lea County, New Mexico</p> <p>SE 1/4 of NE 1/4, Sec. 29, T22S, R37E</p> <p>N 32° 21' 50.01" W 103° 10' 35.76"</p> <p>Elevation: 3,355 feet amsl</p>	<p>DWG By: D Dominguez</p> <p>July 2017</p>	<p>REVISED:</p>	
		<p>0 20 40</p> <p>Feet</p>	<p>SHEET</p> <p>1 of 1</p>	



September 07, 2017

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: LMPSU #286 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 08/23/17 15:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-9. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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.
P.O. Box 1558
Eunice NM, 88231

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP1-B (5')	H702244-01	Soil	22-Aug-17 07:00	23-Aug-17 15:33
SP1-B (9')	H702244-02	Soil	22-Aug-17 07:37	23-Aug-17 15:33
SP1-B (11')	H702244-03	Soil	22-Aug-17 08:00	23-Aug-17 15:33
SP2-B (5')	H702244-04	Soil	22-Aug-17 08:55	23-Aug-17 15:33
SP2-B (9')	H702244-05	Soil	22-Aug-17 09:15	23-Aug-17 15:33
SP2-B (11')	H702244-06	Soil	22-Aug-17 09:45	23-Aug-17 15:33
SW1	H702244-07	Soil	22-Aug-17 10:13	23-Aug-17 15:33
SW2	H702244-08	Soil	22-Aug-17 10:18	23-Aug-17 15:33
SW3	H702244-09	Soil	22-Aug-17 11:20	23-Aug-17 15:33
SW4	H702244-10	Soil	22-Aug-17 11:53	23-Aug-17 15:33
SW5	H702244-11	Soil	22-Aug-17 12:17	23-Aug-17 15:33
SW6	H702244-12	Soil	22-Aug-17 12:45	23-Aug-17 15:33
SW7	H702244-13	Soil	22-Aug-17 13:00	23-Aug-17 15:33
SW8	H702244-14	Soil	22-Aug-17 13:15	23-Aug-17 15:33
WBS1	H702244-15	Soil	23-Aug-17 10:01	23-Aug-17 15:33
WBS2	H702244-16	Soil	23-Aug-17 10:02	23-Aug-17 15:33
EBS1	H702244-17	Soil	23-Aug-17 10:03	23-Aug-17 15:33
EBS2	H702244-18	Soil	23-Aug-17 10:04	23-Aug-17 15:33

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SP1-B (5') H702244-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
Surrogate: 1-Chlorooctane			83.8 %	28.3-164		7082401	MS	25-Aug-17	8015B	
Surrogate: 1-Chlorooctadecane			89.6 %	34.7-157		7082401	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SP1-B (9') H702244-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			86.6 %	28.3-164		7082401	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			91.5 %	34.7-157		7082401	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	28.2		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SP1-B (11') H702244-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			86.8 %	28.3-164		7082401	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			93.4 %	34.7-157		7082401	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	11.7		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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P.O. Box 1558
Eunice NM, 88231

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SP2-B (5') H702244-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			89.7 %	28.3-164		7082401	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			96.9 %	34.7-157		7082401	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	23.2		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SP2-B (9') H702244-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
Surrogate: 1-Chlorooctane			91.8 %	28.3-164		7082401	MS	25-Aug-17	8015B	
Surrogate: 1-Chlorooctadecane			99.6 %	34.7-157		7082401	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	22.7		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SP2-B (11') H702244-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082401	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			80.0 %	28.3-164		7082401	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			85.1 %	34.7-157		7082401	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	11.1		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SW1 H702244-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			97.0 %	28.3-164		7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			102 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SW2

H702244-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
Surrogate: 1-Chlorooctane			88.8 %	28.3-164		7082503	MS	25-Aug-17	8015B	
Surrogate: 1-Chlorooctadecane			98.9 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SW3

H702244-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			104 %	28.3-164		7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			110 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SW4 H702244-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			95.6 %	28.3-164		7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			101 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SW5

H702244-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082402	MS	24-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082402	MS	24-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	72-148		7082402	MS	24-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			95.2 %	28.3-164		7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			101 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SW6 H702244-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	72-148		7082802	MS	28-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
Surrogate: 1-Chlorooctane			95.9 %	28.3-164		7082503	MS	25-Aug-17	8015B	
Surrogate: 1-Chlorooctadecane			104 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	27.1		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SW7 H702244-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082802	MS	28-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	72-148		7082802	MS	28-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			86.7 %	28.3-164		7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			91.1 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

SW8
H702244-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082802	MS	28-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	72-148		7082802	MS	28-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			92.3 %	28.3-164		7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			93.5 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories
Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

WBS1
H702244-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082802	MS	28-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	72-148		7082802	MS	28-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			99.1 %	28.3-164		7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			102 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories
Soluble (DI Water Extraction)

Chloride	17.2		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

WBS2

H702244-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	72-148		7082802	MS	28-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
Surrogate: 1-Chlorooctane			92.4 %	28.3-164		7082503	MS	25-Aug-17	8015B	
Surrogate: 1-Chlorooctadecane			102 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	17.7		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

EBS1
H702244-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082802	MS	28-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	72-148		7082802	MS	28-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			96.7 %	28.3-164		7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			108 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories
Soluble (DI Water Extraction)

Chloride	21.2		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

EBS2 H702244-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7082802	MS	28-Aug-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7082802	MS	28-Aug-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	72-148		7082802	MS	28-Aug-17	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			101 %	28.3-164		7082503	MS	25-Aug-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			105 %	34.7-157		7082503	MS	25-Aug-17	8015B	

Green Analytical Laboratories

Soluble (DI Water Extraction)

Chloride	34.4		10.0	mg/kg wet	10	B708295	JDA	02-Sep-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7082402 - Volatiles

Blank (7082402-BLK1)

Prepared & Analyzed: 24-Aug-17

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/kg	0.0500		104	72-148			

LCS (7082402-BS1)

Prepared & Analyzed: 24-Aug-17

Benzene	1.93	0.050	mg/kg	2.00		96.7	79.5-124			
Toluene	1.82	0.050	mg/kg	2.00		90.8	75.5-127			
Ethylbenzene	1.85	0.050	mg/kg	2.00		92.5	77.7-125			
Total Xylenes	5.55	0.150	mg/kg	6.00		92.6	70.9-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	72-148			

LCS Dup (7082402-BSD1)

Prepared & Analyzed: 24-Aug-17

Benzene	1.91	0.050	mg/kg	2.00		95.3	79.5-124	1.44	6.5	
Toluene	1.77	0.050	mg/kg	2.00		88.5	75.5-127	2.53	7.02	
Ethylbenzene	1.84	0.050	mg/kg	2.00		91.8	77.7-125	0.770	7.83	
Total Xylenes	5.53	0.150	mg/kg	6.00		92.2	70.9-124	0.403	7.78	
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/kg	0.0500		104	72-148			

Batch 7082802 - Volatiles

Blank (7082802-BLK1)

Prepared & Analyzed: 28-Aug-17

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0531		mg/kg	0.0500		106	72-148			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7082802 - Volatiles

LCS (7082802-BS1)

Prepared & Analyzed: 28-Aug-17

Benzene	1.87	0.050	mg/kg	2.00		93.7	79.5-124			
Toluene	1.80	0.050	mg/kg	2.00		89.8	75.5-127			
Ethylbenzene	1.88	0.050	mg/kg	2.00		93.9	77.7-125			
Total Xylenes	5.81	0.150	mg/kg	6.00		96.8	70.9-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0525		mg/kg	0.0500		105	72-148			

LCS Dup (7082802-BSD1)

Prepared & Analyzed: 28-Aug-17

Benzene	1.86	0.050	mg/kg	2.00		92.9	79.5-124	0.863	6.5	
Toluene	1.78	0.050	mg/kg	2.00		89.0	75.5-127	0.927	7.02	
Ethylbenzene	1.88	0.050	mg/kg	2.00		93.9	77.7-125	0.0366	7.83	
Total Xylenes	5.83	0.150	mg/kg	6.00		97.1	70.9-124	0.297	7.78	
Surrogate: 4-Bromofluorobenzene (PID)	0.0526		mg/kg	0.0500		105	72-148			

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P.O. Box 1558
Eunice NM, 88231

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7082401 - General Prep - Organics

Blank (7082401-BLK1)

Prepared & Analyzed: 24-Aug-17

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	45.3		mg/kg	50.0		90.6	28.3-164			
Surrogate: 1-Chlorooctadecane	55.8		mg/kg	50.0		112	34.7-157			

LCS (7082401-BS1)

Prepared & Analyzed: 24-Aug-17

GRO C6-C10	183	10.0	mg/kg	200		91.7	76.6-119			
DRO >C10-C28	204	10.0	mg/kg	200		102	81.4-124			
Total TPH C6-C28	388	10.0	mg/kg	400		96.9	79.4-121			
Surrogate: 1-Chlorooctane	50.0		mg/kg	50.0		100	28.3-164			
Surrogate: 1-Chlorooctadecane	55.7		mg/kg	50.0		111	34.7-157			

LCS Dup (7082401-BSD1)

Prepared & Analyzed: 24-Aug-17

GRO C6-C10	177	10.0	mg/kg	200		88.7	76.6-119	3.29	7.94	
DRO >C10-C28	198	10.0	mg/kg	200		98.9	81.4-124	3.25	9.83	
Total TPH C6-C28	375	10.0	mg/kg	400		93.8	79.4-121	3.27	8.57	
Surrogate: 1-Chlorooctane	47.9		mg/kg	50.0		95.9	28.3-164			
Surrogate: 1-Chlorooctadecane	54.0		mg/kg	50.0		108	34.7-157			

Batch 7082503 - General Prep - Organics

Blank (7082503-BLK1)

Prepared & Analyzed: 25-Aug-17

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.8	28.3-164			
Surrogate: 1-Chlorooctadecane	54.5		mg/kg	50.0		109	34.7-157			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Project: LMPSU #286 FLOWLINE
Project Number: NONE GIVEN
Project Manager: Daniel Dominguez
Fax To: (505) 394-2601

Reported:
07-Sep-17 15:00

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7082503 - General Prep - Organics

LCS (7082503-BS1)

Prepared & Analyzed: 25-Aug-17

GRO C6-C10	201	10.0	mg/kg	200		100	76.6-119			
DRO >C10-C28	199	10.0	mg/kg	200		99.3	81.4-124			
Total TPH C6-C28	399	10.0	mg/kg	400		99.8	79.4-121			
Surrogate: 1-Chlorooctane	50.6		mg/kg	50.0		101	28.3-164			
Surrogate: 1-Chlorooctadecane	50.8		mg/kg	50.0		102	34.7-157			

LCS Dup (7082503-BS1)

Prepared & Analyzed: 25-Aug-17

GRO C6-C10	201	10.0	mg/kg	200		100	76.6-119	0.00199	7.94	
DRO >C10-C28	200	10.0	mg/kg	200		100	81.4-124	0.836	9.83	
Total TPH C6-C28	401	10.0	mg/kg	400		100	79.4-121	0.418	8.57	
Surrogate: 1-Chlorooctane	50.0		mg/kg	50.0		100	28.3-164			
Surrogate: 1-Chlorooctadecane	52.7		mg/kg	50.0		105	34.7-157			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Project: LMPSU #286 FLOWLINE
 Project Number: NONE GIVEN
 Project Manager: Daniel Dominguez
 Fax To: (505) 394-2601

 Reported:
 07-Sep-17 15:00

Soluble (DI Water Extraction) - Quality Control
Green Analytical Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B708295 - General Prep - Wet Chem
Blank (B708295-BLK1)

Prepared: 31-Aug-17 Analyzed: 02-Sep-17

Chloride	ND	10.0	mg/kg wet							
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LCS (B708295-BS1)

Prepared: 31-Aug-17 Analyzed: 02-Sep-17

Chloride	245	10.0	mg/kg wet	250		97.8	85-115			
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LCS Dup (B708295-BSD1)

Prepared: 31-Aug-17 Analyzed: 02-Sep-17

Chloride	242	10.0	mg/kg wet	250		96.9	85-115	0.896	20	
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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

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 LMPUSU #286 Flowline

Location UL-H Sec. 29, T22S, R37E

Project Reference

EPI Sampler Name Dustin Crockett

LAB I.D.

SAMPLE I.D.

(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 Ext.

CHLORIDES (Cl⁻) Method 300

SULFATES (SO₄²⁻)

pH

TCLP

OTHER >>>

PAH

1 SP1-B (5)

2 SP1-B (9)

3 SP1-B (11)

4 SP2-B (5)

5 SP2-B (9)

6 SP2-B (11)

7 SW1

8 SW2

9 SW3

10 SW4

E-mail results to: ddominguezepi@gmail.com & bboone.epi@gmail.com

NOTES:

Sample Relinquished:

Relinquished by:

Date 8/23/17

Time 6:00 am

Received By:

Date 8/23/17

Time 3:37 pm

Received By: (lab staff)

Sample Cool & Intact

Yes

No

Checked By:

HC

Corrected +.25°C

-15.1°C

-14.8°C

Chain of Custody Form

LAB Cardinal

ANALYSIS REQUEST

Corrected $+25^{\circ}\text{C}$