

Terra Energy Partners

Sample Delivery Group: L1295221
Samples Received: 12/10/2020
Project Number: TEP Black Sulpher Cr
Description: Terra Energy-Gov 298-26-1-Site Investigation
Site: GOV-298-26-1 (SOIL)
Report To: Mike Gardner & Kis Rowe
1058 County Road 215
Parachute, CO 81635

Entire Report Reviewed By:



Jason Romer
Project Manager

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Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
BH 1@ 5' L1295221-01	5	
BH 2@ 7' L1295221-02	6	⁴ Cn
BH 3@ 5' L1295221-03	7	⁵ Sr
BH 4@ 5' L1295221-04	8	
BH 5@ 6' L1295221-05	9	⁶ Qc
BH 6@ 9' L1295221-06	10	⁷ Gl
Qc: Quality Control Summary	11	
Volatile Organic Compounds (GC) by Method 8015/8021	11	⁸ Al
Semi-Volatile Organic Compounds (GC) by Method 8015	13	
Gl: Glossary of Terms	14	⁹ Sc
Al: Accreditations & Locations	15	
Sc: Sample Chain of Custody	16	

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



BH 1@ 5' L1295221-01 Solid

				Collected by Matt Smith	Collected date/time 12/08/20 10:00	Received date/time 12/10/20 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1592326	2000	12/11/20 13:57	12/15/20 21:25	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1592115	5	12/15/20 11:44	12/16/20 09:41	CAG	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

BH 2@ 7' L1295221-02 Solid

				Collected by Matt Smith	Collected date/time 12/08/20 10:40	Received date/time 12/10/20 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1591881	100	12/11/20 13:57	12/15/20 12:05	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1592115	1	12/15/20 11:44	12/16/20 02:41	CAG	Mt. Juliet, TN

⁴ Cn

⁵ Sr

⁶ Qc

BH 3@ 5' L1295221-03 Solid

				Collected by Matt Smith	Collected date/time 12/08/20 10:20	Received date/time 12/10/20 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1591881	200	12/11/20 13:57	12/15/20 12:26	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1592115	1	12/15/20 11:44	12/17/20 06:43	JN	Mt. Juliet, TN

⁷ Gl

⁸ Al

⁹ Sc

BH 4@ 5' L1295221-04 Solid

				Collected by Matt Smith	Collected date/time 12/08/20 11:00	Received date/time 12/10/20 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1591881	100	12/11/20 13:57	12/15/20 12:47	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1592115	1	12/15/20 11:44	12/16/20 02:28	CAG	Mt. Juliet, TN

BH 5@ 6' L1295221-05 Solid

				Collected by Matt Smith	Collected date/time 12/08/20 11:45	Received date/time 12/10/20 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1591881	1	12/11/20 13:57	12/15/20 08:17	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1592115	1	12/15/20 11:44	12/16/20 03:47	CAG	Mt. Juliet, TN

BH 6@ 9' L1295221-06 Solid

				Collected by Matt Smith	Collected date/time 12/08/20 12:00	Received date/time 12/10/20 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015/8021	WG1592326	10000	12/11/20 13:57	12/15/20 21:46	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1592115	20	12/15/20 11:44	12/16/20 09:54	CAG	Mt. Juliet, TN



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jason Romer
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Collected date/time: 12/08/20 10:00

L1295221

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.885	J	0.240	1.00	2000	12/15/2020 21:25	WG1592326
Toluene	U		0.300	10.0	2000	12/15/2020 21:25	WG1592326
Ethylbenzene	8.08		0.220	1.00	2000	12/15/2020 21:25	WG1592326
Total Xylene	179		0.920	3.00	2000	12/15/2020 21:25	WG1592326
TPH (GC/FID) Low Fraction	2240		43.4	200	2000	12/15/2020 21:25	WG1592326
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		12/15/2020 21:25	WG1592326
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		12/15/2020 21:25	WG1592326

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	759		3.85	20.0	5	12/16/2020 09:41	WG1592115
(S) o-Terphenyl	106			18.0-148		12/16/2020 09:41	WG1592115

6
Qc

7
Gl

8
Al

9
Sc



Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.0120	0.0500	100	12/15/2020 12:05	WG1591881
Toluene	U		0.0150	0.500	100	12/15/2020 12:05	WG1591881
Ethylbenzene	U		0.0110	0.0500	100	12/15/2020 12:05	WG1591881
Total Xylene	27.7		0.0460	0.150	100	12/15/2020 12:05	WG1591881
TPH (GC/FID) Low Fraction	905		2.17	10.0	100	12/15/2020 12:05	WG1591881
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		12/15/2020 12:05	WG1591881
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		12/15/2020 12:05	WG1591881

Sample Narrative:

L1295221-02 WG1591881: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	234		0.769	4.00	1	12/16/2020 02:41	WG1592115
(S) o-Terphenyl	76.1			18.0-148		12/16/2020 02:41	WG1592115

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.436		0.0240	0.100	200	12/15/2020 12:26	WG1591881
Toluene	7.87		0.0300	1.00	200	12/15/2020 12:26	WG1591881
Ethylbenzene	6.14		0.0220	0.100	200	12/15/2020 12:26	WG1591881
Total Xylene	67.5		0.0920	0.300	200	12/15/2020 12:26	WG1591881
TPH (GC/FID) Low Fraction	1430		4.34	20.0	200	12/15/2020 12:26	WG1591881
(S)							
a,a,a-Trifluorotoluene(FID)	96.9			77.0-120		12/15/2020 12:26	WG1591881
(S)							
a,a,a-Trifluorotoluene(PID)	98.2			72.0-128		12/15/2020 12:26	WG1591881

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) High Fraction	204		0.769	4.00	1	12/17/2020 06:43	WG1592115
(S) o-Terphenyl	84.3			18.0-148		12/17/2020 06:43	WG1592115

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.0120	0.0500	100	12/15/2020 12:47	WG1591881
Toluene	U		0.0150	0.500	100	12/15/2020 12:47	WG1591881
Ethylbenzene	0.656		0.0110	0.0500	100	12/15/2020 12:47	WG1591881
Total Xylene	28.1		0.0460	0.150	100	12/15/2020 12:47	WG1591881
TPH (GC/FID) Low Fraction	308		2.17	10.0	100	12/15/2020 12:47	WG1591881
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		12/15/2020 12:47	WG1591881
(S) a,a,a-Trifluorotoluene(PID)	100			72.0-128		12/15/2020 12:47	WG1591881

Sample Narrative:

L1295221-04 WG1591881: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) High Fraction	3.41	J	0.769	4.00	1	12/16/2020 02:28	WG1592115
(S) o-Terphenyl	87.1			18.0-148		12/16/2020 02:28	WG1592115

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00127		0.000120	0.000500	1	12/15/2020 08:17	WG1591881
Toluene	0.00184	J	0.000150	0.00500	1	12/15/2020 08:17	WG1591881
Ethylbenzene	U		0.000110	0.000500	1	12/15/2020 08:17	WG1591881
Total Xylene	0.00291		0.000460	0.00150	1	12/15/2020 08:17	WG1591881
TPH (GC/FID) Low Fraction	0.0305	J	0.0217	0.100	1	12/15/2020 08:17	WG1591881
(S) a,a,a-Trifluorotoluene(FID)	105			77.0-120		12/15/2020 08:17	WG1591881
(S) a,a,a-Trifluorotoluene(PID)	96.9			72.0-128		12/15/2020 08:17	WG1591881

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.21	J	0.769	4.00	1	12/16/2020 03:47	WG1592115
(S) o-Terphenyl	91.8			18.0-148		12/16/2020 03:47	WG1592115

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	6.83		1.20	5.00	10000	12/15/2020 21:46	WG1592326
Toluene	137		1.50	50.0	10000	12/15/2020 21:46	WG1592326
Ethylbenzene	42.5		1.10	5.00	10000	12/15/2020 21:46	WG1592326
Total Xylene	587		4.60	15.0	10000	12/15/2020 21:46	WG1592326
TPH (GC/FID) Low Fraction	8860		217	1000	10000	12/15/2020 21:46	WG1592326
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		12/15/2020 21:46	WG1592326
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		12/15/2020 21:46	WG1592326

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2700		15.4	80.0	20	12/16/2020 09:54	WG1592115
(S) o-Terphenyl	0.000	J7		18.0-148		12/16/2020 09:54	WG1592115

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3603722-3 12/15/20 06:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	111			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128

1
Cp

2
Tc

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Ss

4
Cn

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Sr

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Qc

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Gl

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Al

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Sc

Laboratory Control Sample (LCS)

(LCS) R3603722-1 12/15/20 05:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.60	102	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			104	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			108	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3603722-2 12/15/20 06:03

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0515	103	76.0-121	
Toluene	0.0500	0.0514	103	80.0-120	
Ethylbenzene	0.0500	0.0527	105	80.0-124	
Total Xylene	0.150	0.167	111	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			110	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			101	72.0-128	

Method Blank (MB)

(MB) R3603844-3 12/15/20 20:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	110			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3603844-1 12/15/20 18:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0500	100	76.0-121	
Toluene	0.0500	0.0509	102	80.0-120	
Ethylbenzene	0.0500	0.0528	106	80.0-124	
Total Xylene	0.150	0.168	112	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			112	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			102	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3603844-2 12/15/20 19:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.63	102	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			104	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			110	72.0-128	



Method Blank (MB)

(MB) R3603940-1 12/16/20 02:02

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) High Fraction	U		0.769	4.00
(S) o-Terphenyl	78.8			18.0-148

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3603940-2 12/16/20 02:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) High Fraction	50.0	49.0	98.0	50.0-150	
(S) o-Terphenyl			103	18.0-148	

L1295235-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1295235-08 12/16/20 04:57 • (MS) R3603940-3 12/16/20 05:10 • (MSD) R3603940-4 12/16/20 05:23

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	49.7	1.80	43.3	45.0	83.5	88.2	1	50.0-150			3.85	20
(S) o-Terphenyl					71.1	74.5		18.0-148				



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J	The identification of the analyte is acceptable; the reported value is an estimate.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA

Third Party Federal Accreditations




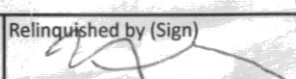

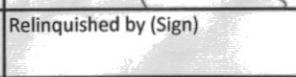

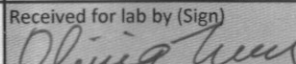
A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Client: TEP Rocky Mountain LLC 1058 County Road 215 Parachute CO 81635				Billing Info: Tammy Gose TEP Rocky Mountain LLC 1058 County Road 215 Parachute CO 81635				Analysis / Container / Preservative												Page <u>1</u> of <u>1</u>				
Report To: Mike Gardner & Kris Rowe				E-Mail: <u>mgardner@terraep.com;</u> <u>tgose@terraep.com</u> <u>krowe@hrlcomp.com</u>																 12065 Lebanon Rd Mount Juliet, TN 37122 Ph: 615-758-5858 Ph: 800-767-5859 Fax: 615-758-5859 F118				
Project Description: Terra Energy - Gov 298-26-1 - Site Investigation				City/State Collected: COLORADO																L#				
Phone: 970-243-3271 Fax: 970-243-4380				Client Project #: TEP - Black Sulphur Creek																Table #				
Collected By: Matt Smith				Site/Facility ID: Gov 298-26-1 (Soil)																Acct #: TERENGPCO				
Collected By (Signature):  Immediately Packed on Ice N <u> </u> Y <u>X</u>				Rush ? (lab must be notified) ____ Same Day----- (200%) ____ Next Day----- (100%) ____ Two Day----- (50%) ____ Three Day----- (25%)				Date Results Needed STD 5 Day Email? <u> </u> No <u>X</u> Yes Fax? <u>X</u> No <u> </u> Yes				No. Of Cntrs				Template: Pregoin: PM: 824 - Chris Ward PB:								
Sample ID				Comp/Grab	Matrix*	Depth	Date		Time		No. Of Cntrs	DRO	GRO	BTEX	PAH							Rem/Contaminant	Sample #	
BH 1 @ 5'				Grab	Soil	5'	12/8/2020		1000		2	X	X	X									-C1	
BH 2 @ 7'				Grab	Soil	7'	12/8/2020		1040		21	X	X	X									-C2	
BH 3 @ 5'				Grab	Soil	5'	12/8/2020		1020		21	X	X	X									-C3	
BH 4 @ 5'				Grab	Soil	5'	12/8/2020		1100		2	X	X	X									-C4	
BH 5 @ 6'				Grab	Soil	6'	12/8/2020		1145		21	X	X	X									-C5	
BH 6 @ 9'				Grab	Soil	9'	12/8/2020		1200		21	X	X	X									-C6	
*Matrix SS -Soil GW -Groundwater WW -WasteWater DW -Drinking Water OT -Other_____																								
Remarks: <div style="float: right;">pH _____ Temp _____ Flow _____ Other _____</div>																								
Relinquished by (Sign) 				Date: 12-9-20		Time: 1100		Relinquished by (Sign) 						Samples Returned Via ____ UPS ____ FedEx				Condition: (Lab Use)						
Relinquished by (Sign) 				Date: 12-9-20		Time: 1200		Relinquished by (Sign) 						Temp: <u>4.5</u> # Bot				COC Seal Intact ____ Y ____ N						
Relinquished by (Sign) 				Date: 12/10/20		Time: 945		Received for lab by (Sign) 						Date 12/10/20				Time 945		pH Checked		NCF:		

Pace Analytical National Center for Testing & Innovation Cooler Receipt Form

Client: TERENGPICU

Cooler Received/Opened On: 12 / 10 / 20

61295221

Received By: Olivia Turner

Temperature:

4.5

Signature: Olivia Turner

Receipt Check List

	NP	Yes	No
COC Seal Present / Intact?	<input checked="" type="checkbox"/>		
COC Signed / Accurate?	<input checked="" type="checkbox"/>		
Bottles arrive intact?	<input checked="" type="checkbox"/>		
Correct bottles used?	<input checked="" type="checkbox"/>		
Sufficient volume sent?	<input checked="" type="checkbox"/>		
If Applicable	<input checked="" type="checkbox"/>		
VOA Zero headspace?			
Preservation Correct / Checked?			