


ANALYTICAL REPORT

August 28, 2018

Utah Gas Corporation

Sample Delivery Group: L1019467
Samples Received: 08/21/2018
Project Number:
Description: 7712
Site: 7712
Report To: Mr. Steve Hale
1125 Escalante Drive
Rangely, CO 81648

Entire Report Reviewed By:



Chris Ward
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



081518-7712-SVE4:65-70' L1019467-01 Solid

Collected by
Robert Stockton

Collected date/time
08/15/18 14:20

Received date/time
08/21/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1156484	25	08/22/18 08:44	08/23/18 17:42	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1157449	1	08/25/18 10:50	08/25/18 20:15	TJD

¹ Cp

² Tc

³ Ss

081618-7712-SVE5:55-60' L1019467-02 Solid

Collected by
Robert Stockton

Collected date/time
08/16/18 12:10

Received date/time
08/21/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1155901	500	08/22/18 08:44	08/22/18 17:39	ACE
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1157449	20	08/25/18 10:50	08/25/18 21:20	TJD

⁴ Cn

⁵ Sr

⁶ Qc

081618-7712-SVE6:55-60' L1019467-03 Solid

Collected by
Robert Stockton

Collected date/time
08/16/18 14:20

Received date/time
08/21/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1156484	200	08/22/18 08:44	08/23/18 18:06	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1157449	1	08/25/18 10:50	08/25/18 20:26	TJD

⁷ Gl

⁸ Al

⁹ Sc

081618-7712-SVE7:55-60' L1019467-04 Solid

Collected by
Robert Stockton

Collected date/time
08/16/18 17:20

Received date/time
08/21/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1156484	1	08/22/18 08:44	08/23/18 18:29	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1157449	1	08/25/18 10:50	08/25/18 20:37	TJD

081718-7712-SVE8:55-60' L1019467-05 Solid

Collected by
Robert Stockton

Collected date/time
08/17/18 09:45

Received date/time
08/21/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1156830	1000	08/22/18 08:44	08/24/18 11:50	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1157449	1	08/25/18 10:50	08/25/18 20:48	TJD

081718-7712-SVE10:50-53' L1019467-06 Solid

Collected by
Robert Stockton

Collected date/time
08/17/18 11:40

Received date/time
08/21/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1156484	500	08/22/18 08:44	08/23/18 19:17	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1157449	1	08/25/18 10:50	08/25/18 20:59	TJD

081718-7712-SVE11:55-60' L1019467-07 Solid

Collected by
Robert Stockton

Collected date/time
08/17/18 16:50

Received date/time
08/21/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1157992	1000	08/22/18 08:44	08/28/18 03:48	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1157449	1	08/25/18 10:50	08/25/18 21:10	TJD



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.

Chris Ward
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	166		2.50	25	08/23/2018 17:42	WG1156484
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	97.0		77.0-120		08/23/2018 17:42	WG1156484

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		4.00	1	08/25/2018 20:15	WG1157449
(S) <i>o</i> -Terphenyl	30.6		18.0-148		08/25/2018 20:15	WG1157449

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1700		50.0	500	08/22/2018 17:39	WG1155901
(S) a,a,a-Trifluorotoluene(FID)	74.6	J2	77.0-120		08/22/2018 17:39	WG1155901

Sample Narrative:

L1019467-02 WG1155901: Surrogate recovery fails low due to sample matrix.

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1070		80.0	20	08/25/2018 21:20	WG1157449
(S) o-Terphenyl	159	J7	18.0-148		08/25/2018 21:20	WG1157449

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1710		20.0	200	08/23/2018 18:06	WG1156484
(S) a,a,a-Trifluorotoluene(FID)	92.8		77.0-120		08/23/2018 18:06	WG1156484

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	24.9		4.00	1	08/25/2018 20:26	WG1157449
(S) o-Terphenyl	32.6		18.0-148		08/25/2018 20:26	WG1157449

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	3.20		0.100	1	08/23/2018 18:29	WG1156484
(S) a,a,a-Trifluorotoluene(FID)	95.1		77.0-120		08/23/2018 18:29	WG1156484

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		4.00	1	08/25/2018 20:37	WG1157449
(S) o-Terphenyl	43.1		18.0-148		08/25/2018 20:37	WG1157449

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	4760		100	1000	08/24/2018 11:50	WG1156830
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	96.3		77.0-120		08/24/2018 11:50	WG1156830

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	111		4.00	1	08/25/2018 20:48	WG1157449
(S) <i>o</i> -Terphenyl	57.9		18.0-148		08/25/2018 20:48	WG1157449

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	4380		50.0	500	08/23/2018 19:17	WG1156484
(S) a,a,a-Trifluorotoluene(FID)	90.7		77.0-120		08/23/2018 19:17	WG1156484

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	80.0		4.00	1	08/25/2018 20:59	WG1157449
(S) o-Terphenyl	51.6		18.0-148		08/25/2018 20:59	WG1157449

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	2950		100	1000	08/28/2018 03:48	WG1157992
(S) a,a,a-Trifluorotoluene(FID)	96.1		77.0-120		08/28/2018 03:48	WG1157992

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	116		4.00	1	08/25/2018 21:10	WG1157449
(S) o-Terphenyl	53.9		18.0-148		08/25/2018 21:10	WG1157449

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Method Blank (MB)

(MB) R3336151-5 08/22/18 13:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	95.8			77.0-120

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3336151-3 08/22/18 11:52 • (LCSD) R3336151-4 08/22/18 12:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	5.20	4.75	94.6	86.4	70.0-136			9.02	20
(S) a,a,a-Trifluorotoluene(FID)				103	102	77.0-120				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R3336403-5 08/23/18 15:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3336403-1 08/23/18 13:49 • (LCSD) R3336403-2 08/23/18 14:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	5.97	5.83	108	106	70.0-136			2.26	20
(S) a,a,a-Trifluorotoluene(FID)				106	105	77.0-120				



Method Blank (MB)

(MB) R3337041-3 08/24/18 10:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	105			77.0-120

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3337041-1 08/24/18 09:18 • (LCSD) R3337041-2 08/24/18 09:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	5.41	5.46	98.4	99.2	72.0-127			0.849	20
(S) a,a,a-Trifluorotoluene(FID)				101	101	77.0-120				



Method Blank (MB)

(MB) R3337166-5 08/28/18 03:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	99.8			77.0-120

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3337166-3 08/28/18 01:48 • (LCSD) R3337166-4 08/28/18 02:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	6.02	5.97	109	108	72.0-127			0.841	20
(S) a,a,a-Trifluorotoluene(FID)				105	105	77.0-120				

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R3336785-1 08/25/18 19:42

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	62.3			18.0-148

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3336785-2 08/25/18 19:53 • (LCSD) R3336785-3 08/25/18 20:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	50.0	39.2	41.5	78.4	83.0	50.0-150			5.70	20
(S) o-Terphenyl				75.5	78.1	18.0-148				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



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.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
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.
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.
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
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
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	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	n/a
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}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T 104704245-17-14
Maine	TN0002	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	9980939910
Montana	CERT0086	Wyoming	A2LA

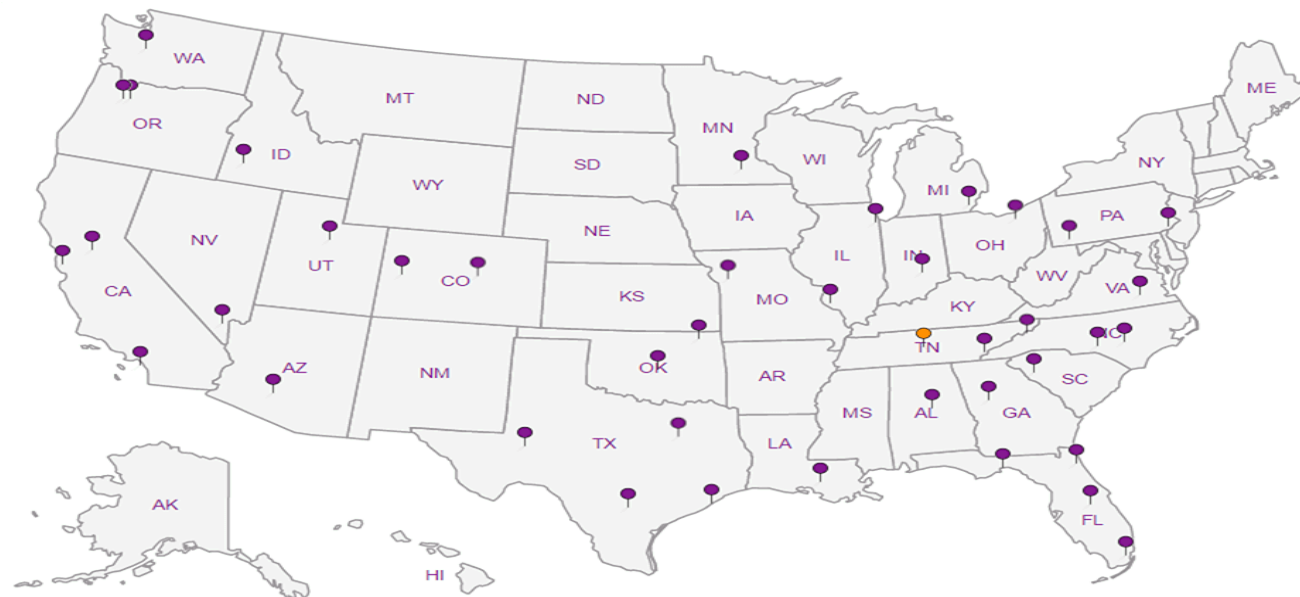
Third Party Federal Accreditations

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.



Company Name/Address: Utah Gas Corporation 1125 Escalante Drive Rangely, CO 81648						Billing Information: 						Analysis / Container / Preservative						Chain of Custody Page <u>1</u> of <u>1</u> <small>L.A.B S.C.I.E.N.C.E.S.</small> YOUR LAB OF CHOICE 12065 Lebanon Rd. Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859 			
Report to:						Email To:															
Steve Hale						shale#utahgascorp.com															
Project Description:						City/State Collected:															
Phone:						Client Project #						Lab Project #									
Fax:																					
Collected by (print):						Site/Facility ID #						P.O. #									
Robert Stockton						7712															
Collected by (signature):						Date Results Needed															
Immediately Packed on Ice N ___ Y <input checked="" type="checkbox"/>						Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day 200% <input type="checkbox"/> Next Day 100% <input type="checkbox"/> Two Day 50% <input type="checkbox"/> Three Day 25%						Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes FAX? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes						No. of Cntrs			
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time			BTEX/GRO	DRO	PAH	SAR, Specific Conductivity, pH	RCRA8 Metals + Cu, Ni, Zn	Cr3, Cr6	Arsenic							
081518-7712-SVE4-65-70'	Grab	SS	65-70'	8/15/18	1420	1	X	X								-01					
081618-7712-SVE5-55-60'	Grab	SS	55-60'	8/16/18	1210	1	X	X								02					
081618-7712-SVE4-55-60'	Grab	SS	55-60'	8/16/18	1420	1	X	X								03					
081618-7712-SVE5-7:55-60'	Grab	SS	55-60'	8/16/18	1720	1	X	X								04					
081718-7712-SVE8-55-60'	Grab	SS	55-60'	8/17/18	0945	1	X	X								05					
081718-7712-SVE10:50-57'	Grab	SS	50-53'	8/17/18	1140	1	X	X								06					
081718-7712-SVE11:55-60'	Grab	SS	55-60'	8/17/18	1650	1	X	X								07					
	Grab	SS																			
* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____																					
Remarks:										pH _____ Temp _____ Flow _____ Other _____											
Relinquished by : (Signature)										Hold #											
Date: 8/20/18 Time: 8:00 AM Received by: (Signature) [Signature]										Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/>											
Relinquished by : (Signature) [Signature]										Condition: (lab use only)											
Date: 8/20/18 Time: 1700 Received by: (Signature) [Signature]										Temp: °C Bottles Received: 1.23 7											
Relinquished by : (Signature)										COC Seal Intact: ___Y___N___NA											
Date: _____ Time: _____ Received for lab by: (Signature) [Signature]										pH Checked: _____ NCF: _____											
Date: 8/20/18 Time: 8:45																					

Pace Analytical National Center for Testing & Innovation

Cooler Receipt Form

Client:	UTAHGASRCO	SDG#	L1019467	
Cooler Received/Opened On: 8/21 /18	Temperature:		1.2	
Received By: Kevin Turner				
Signature: 				
Receipt Check List	NP	Yes	No	
COC Seal Present / Intact?	/			
COC Signed / Accurate?		/		
Bottles arrive intact?		/		
Correct bottles used?		/		
Sufficient volume sent?		/		
If Applicable				
VOA Zero headspace?				
Preservation Correct / Checked?				