

Foundation Energy Management LLC

Sample Delivery Group: L1276088
Samples Received: 10/21/2020
Project Number: F.E-FEDERAL 3-10 (PI)
Description: Foundation Energy-Federal 3-10
Site: FEDERAL 3-10
Report To: Alyssa Beard
1775 Sherman Street
Suite 1800
Denver, CO 80203

Entire Report Reviewed By:

[Preliminary Report]

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 Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.





Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
PIT BOTTOM L1276088-01	5
NORTH SIDEWALL L1276088-02	7
SOUTH SIDEWALL L1276088-03	8
WEST SIDEWALL L1276088-04	9
EAST SIDEWALL L1276088-05	10
Qc: Quality Control Summary	11
Wet Chemistry by Method 3060A/7196A	11
Wet Chemistry by Method 9045D	13
Wet Chemistry by Method 9050AMod	15
Mercury by Method 7471A	16
Metals (ICP) by Method 6010B	17
Volatile Organic Compounds (GC) by Method 8015/8021	19
Semi-Volatile Organic Compounds (GC) by Method 8015	21
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	22
Gl: Glossary of Terms	24
Al: Accreditations & Locations	25
Sc: Sample Chain of Custody	26



SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



PIT BOTTOM L1276088-01 Solid

Collected by
Matt Smith

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

Received date/time
10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1564719	1	10/27/20 20:39	10/27/20 20:39	CCE	Mt. Juliet, TN
Calculated Results	WG1565014	1	10/25/20 01:00	10/28/20 10:19	KEG	Mt. Juliet, TN
Wet Chemistry by Method 3060A/7196A	WG1566111	1	10/27/20 13:38	10/28/20 10:19	KEG	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1566074	1	10/28/20 11:00	10/28/20 12:00	JIC	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1565370	1	10/28/20 15:00	10/29/20 16:00	SRG	Mt. Juliet, TN
Mercury by Method 7471A	WG1565154	1	10/25/20 09:19	10/26/20 13:12	BMF	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1565014	1	10/25/20 01:00	10/26/20 03:53	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1566616	1	10/27/20 14:29	10/28/20 04:13	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1566251	2	10/27/20 16:13	10/28/20 01:10	JN	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1566264	1	10/28/20 00:54	10/28/20 11:03	LEA	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

NORTH SIDEWALL L1276088-02 Solid

Collected by
Matt Smith

Collected date/time
10/20/20 12:55

Received date/time
10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1564719	1	10/27/20 20:42	10/27/20 20:42	CCE	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1566078	1	10/28/20 13:30	10/28/20 14:30	JIC	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1565370	1	10/28/20 15:00	10/29/20 16:00	SRG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1566616	1	10/27/20 14:29	10/28/20 04:34	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1566251	2	10/27/20 16:13	10/28/20 01:24	JN	Mt. Juliet, TN

SOUTH SIDEWALL L1276088-03 Solid

Collected by
Matt Smith

Collected date/time
10/20/20 13:15

Received date/time
10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1564719	1	10/27/20 20:50	10/27/20 20:50	CCE	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1566078	1	10/28/20 13:30	10/28/20 14:30	JIC	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1565370	1	10/28/20 15:00	10/29/20 16:00	SRG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1566616	1	10/27/20 14:29	10/28/20 04:55	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1566251	1	10/27/20 16:13	10/27/20 23:10	JN	Mt. Juliet, TN

WEST SIDEWALL L1276088-04 Solid

Collected by
Matt Smith

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

Received date/time
10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1564719	1	10/27/20 20:52	10/27/20 20:52	CCE	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1566078	1	10/28/20 13:30	10/28/20 14:30	JIC	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1565370	1	10/28/20 15:00	10/29/20 16:00	SRG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1566616	1	10/27/20 14:29	10/28/20 05:15	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1566251	1	10/27/20 16:13	10/28/20 00:30	JN	Mt. Juliet, TN

EAST SIDEWALL L1276088-05 Solid

Collected by
Matt Smith

Collected date/time
10/20/20 11:45

Received date/time
10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1564719	1	10/27/20 20:55	10/27/20 20:55	CCE	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1566078	1	10/28/20 13:30	10/28/20 14:30	JIC	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1565370	1	10/28/20 15:00	10/29/20 16:00	SRG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1566616	1	10/27/20 14:29	10/28/20 05:36	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1566251	1	10/27/20 16:13	10/28/20 00:44	JN	Mt. Juliet, TN

ACCOUNT:

Foundation Energy Management LLC

PROJECT:

F.E-FEDERAL 3-10 (PI

SDG:

L1276088

DATE/TIME:

11/02/20 11:18

PAGE:

3 of 26



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.

[Preliminary Report]

Chris Ward
Project Manager

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.953		1	10/27/2020 20:39	WG1564719

Calculated Results

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Chromium, Trivalent	12.2		1.00	1	10/28/2020 10:19	WG1565014

Wet Chemistry by Method 3060A/7196A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Chromium, Hexavalent	ND		2.00	1	10/28/2020 10:19	WG1566111

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.90	T8	1	10/28/2020 12:00	WG1566074

Sample Narrative:

L1276088-01 WG1566074: 7.9 at 21.5C

Wet Chemistry by Method 9050AMod

Analyte	Result umhos/cm	Qualifier	RDL umhos/cm	Dilution	Analysis date / time	Batch
Specific Conductance	2980		10.0	1	10/29/2020 16:00	WG1565370

Mercury by Method 7471A

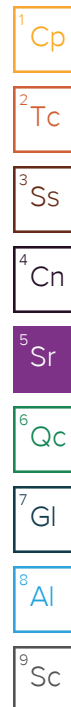
Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	10/26/2020 13:12	WG1565154

Metals (ICP) by Method 6010B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.14		2.00	1	10/26/2020 03:53	WG1565014
Barium	200		0.500	1	10/26/2020 03:53	WG1565014
Cadmium	ND		0.500	1	10/26/2020 03:53	WG1565014
Chromium	12.2		1.00	1	10/26/2020 03:53	WG1565014
Copper	10.9		2.00	1	10/26/2020 03:53	WG1565014
Lead	12.4		0.500	1	10/26/2020 03:53	WG1565014
Nickel	11.5		2.00	1	10/26/2020 03:53	WG1565014
Selenium	ND		2.00	1	10/26/2020 03:53	WG1565014
Silver	ND		1.00	1	10/26/2020 03:53	WG1565014
Zinc	40.8		5.00	1	10/26/2020 03:53	WG1565014

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000888		0.000500	1	10/28/2020 04:13	WG1566616
Toluene	ND		0.00500	1	10/28/2020 04:13	WG1566616
Ethylbenzene	ND		0.000500	1	10/28/2020 04:13	WG1566616
Total Xylene	ND		0.00150	1	10/28/2020 04:13	WG1566616
TPH (GC/FID) Low Fraction	ND		0.100	1	10/28/2020 04:13	WG1566616





Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
(S) a,a,a-Trifluorotoluene(FID)	99.7		77.0-120		10/28/2020 04:13	WG1566616
(S) a,a,a-Trifluorotoluene(PID)	94.6		72.0-128		10/28/2020 04:13	WG1566616

1
Cp2
Tc3
Ss4
Cn5
Sr

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	247		8.00	2	10/28/2020 01:10	WG1566251
(S) o-Terphenyl	81.8		18.0-148		10/28/2020 01:10	WG1566251

6
Qc7
Gl8
Al9
Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Acenaphthene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Acenaphthylene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Benzo(a)anthracene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Benzo(a)pyrene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Benzo(b)fluoranthene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Benzo(g,h,i)perylene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Benzo(k)fluoranthene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Chrysene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Dibenz(a,h)anthracene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Fluoranthene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Fluorene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Naphthalene	ND		0.0200	1	10/28/2020 11:03	WG1566264
Phenanthrene	ND		0.00600	1	10/28/2020 11:03	WG1566264
Pyrene	ND		0.00600	1	10/28/2020 11:03	WG1566264
1-Methylnaphthalene	ND		0.0200	1	10/28/2020 11:03	WG1566264
2-Methylnaphthalene	ND		0.0200	1	10/28/2020 11:03	WG1566264
2-Chloronaphthalene	ND		0.0200	1	10/28/2020 11:03	WG1566264
(S) p-Terphenyl-d14	86.9		23.0-120		10/28/2020 11:03	WG1566264
(S) Nitrobenzene-d5	95.4		14.0-149		10/28/2020 11:03	WG1566264
(S) 2-Fluorobiphenyl	86.4		34.0-125		10/28/2020 11:03	WG1566264



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	4.54		1	10/27/2020 20:42	WG1564719

Wet Chemistry by Method 9045D

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	7.92	T8	1	10/28/2020 14:30	WG1566078

Sample Narrative:

L1276088-02 WG1566078: 7.92 at 21.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	umhos/cm		umhos/cm			
	4380		10.0	1	10/29/2020 16:00	WG1565370

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	0.000861		0.000500	1	10/28/2020 04:34	WG1566616
Toluene	ND		0.00500	1	10/28/2020 04:34	WG1566616
Ethylbenzene	ND		0.000500	1	10/28/2020 04:34	WG1566616
Total Xylene	ND		0.00150	1	10/28/2020 04:34	WG1566616
TPH (GC/FID) Low Fraction	ND		0.100	1	10/28/2020 04:34	WG1566616
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		10/28/2020 04:34	WG1566616
(S) a,a,a-Trifluorotoluene(PID)	97.6		72.0-128		10/28/2020 04:34	WG1566616

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	232		8.00	2	10/28/2020 01:24	WG1566251
(S) o-Terphenyl	61.6		18.0-148		10/28/2020 01:24	WG1566251

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.48		1	10/27/2020 20:50	WG1564719

Wet Chemistry by Method 9045D

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	7.97	T8	1	10/28/2020 14:30	WG1566078

Sample Narrative:

L1276088-03 WG1566078: 7.97 at 21.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	umhos/cm		umhos/cm			
	3660		10.0	1	10/29/2020 16:00	WG1565370

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	0.000890		0.000500	1	10/28/2020 04:55	WG1566616
Toluene	ND		0.00500	1	10/28/2020 04:55	WG1566616
Ethylbenzene	ND		0.000500	1	10/28/2020 04:55	WG1566616
Total Xylene	ND		0.00150	1	10/28/2020 04:55	WG1566616
TPH (GC/FID) Low Fraction	ND		0.100	1	10/28/2020 04:55	WG1566616
(S) a,a,a-Trifluorotoluene(FID)	103		77.0-120		10/28/2020 04:55	WG1566616
(S) a,a,a-Trifluorotoluene(PID)	96.9		72.0-128		10/28/2020 04:55	WG1566616

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	5.20		4.00	1	10/27/2020 23:10	WG1566251
(S) o-Terphenyl	69.3		18.0-148		10/27/2020 23:10	WG1566251

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.859		1	10/27/2020 20:52	WG1564719

Wet Chemistry by Method 9045D

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.62	T8	1	10/28/2020 14:30	WG1566078

Sample Narrative:

L1276088-04 WG1566078: 8.62 at 21.6C

Wet Chemistry by Method 9050AMod

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	umhos/cm		umhos/cm			
	669		10.0	1	10/29/2020 16:00	WG1565370

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	0.00190		0.000500	1	10/28/2020 05:15	WG1566616
Toluene	ND		0.00500	1	10/28/2020 05:15	WG1566616
Ethylbenzene	ND		0.000500	1	10/28/2020 05:15	WG1566616
Total Xylene	ND		0.00150	1	10/28/2020 05:15	WG1566616
TPH (GC/FID) Low Fraction	ND		0.100	1	10/28/2020 05:15	WG1566616
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		10/28/2020 05:15	WG1566616
(S) a,a,a-Trifluorotoluene(PID)	95.8		72.0-128		10/28/2020 05:15	WG1566616

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	38.7		4.00	1	10/28/2020 00:30	WG1566251
(S) o-Terphenyl	61.7		18.0-148		10/28/2020 00:30	WG1566251

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	4.49		1	10/27/2020 20:55	WG1564719

Wet Chemistry by Method 9045D

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	7.97	T8	1	10/28/2020 14:30	WG1566078

Sample Narrative:

L1276088-05 WG1566078: 7.97 at 21.5C

Wet Chemistry by Method 9050AMod

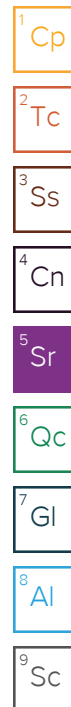
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	umhos/cm		umhos/cm			
	4120		10.0	1	10/29/2020 16:00	WG1565370

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	10/28/2020 05:36	WG1566616
Toluene	ND		0.00500	1	10/28/2020 05:36	WG1566616
Ethylbenzene	ND		0.000500	1	10/28/2020 05:36	WG1566616
Total Xylene	ND		0.00150	1	10/28/2020 05:36	WG1566616
TPH (GC/FID) Low Fraction	ND		0.100	1	10/28/2020 05:36	WG1566616
(S) a,a,a-Trifluorotoluene(FID)	107		77.0-120		10/28/2020 05:36	WG1566616
(S) a,a,a-Trifluorotoluene(PID)	97.6		72.0-128		10/28/2020 05:36	WG1566616

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	46.1		4.00	1	10/28/2020 00:44	WG1566251
(S) o-Terphenyl	52.8		18.0-148		10/28/2020 00:44	WG1566251



Method Blank (MB)

(MB) R3586424-1 10/28/20 10:14

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chromium,Hexavalent	U		0.640	2.00

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

L1276076-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1276076-02 10/28/20 10:16 • (DUP) R3586424-3 10/28/20 10:17

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chromium,Hexavalent	ND	ND	1	0.000		20

L1277326-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1277326-02 10/28/20 10:35 • (DUP) R3586424-4 10/28/20 10:36

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chromium,Hexavalent	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3586424-2 10/28/20 10:15

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Chromium,Hexavalent	24.0	21.4	89.3	80.0-120	

L1277677-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1277677-01 10/28/20 10:37 • (MS) R3586424-5 10/28/20 10:38 • (MSD) R3586424-6 10/28/20 10:38

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Chromium,Hexavalent	20.0	ND	9.68	9.64	48.4	48.2	1	75.0-125	J6	J6	0.396	20

Sample Narrative:

OS: Sample is a reducer.



L1277677-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1277677-01 10/28/20 10:37 • (MS) R3586424-7 10/28/20 10:39

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Chromium,Hexavalent	664	ND	622	93.7	50	75.0-125	

Sample Narrative:

OS: Sample is a reducer.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1276088-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1276088-01 10/28/20 12:00 • (DUP) R3586492-2 10/28/20 12:00

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	7.90	7.86	1	0.508		1

Sample Narrative:
OS: 7.9 at 21.5C
DUP: 7.86 at 21.2C

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1276714-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1276714-31 10/28/20 12:00 • (DUP) R3586492-3 10/28/20 12:00

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	7.12	7.12	1	0.000		1

Sample Narrative:
OS: 7.12 at 21.2C
DUP: 7.12 at 21.1C

Laboratory Control Sample (LCS)

(LCS) R3586492-1 10/28/20 12:00

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	su	su	%	%	
pH	10.0	10.0	100	99.0-101	

Sample Narrative:
LCS: 10 at 21.4C



L1276088-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1276088-02 10/28/20 14:30 • (DUP) R3586623-2 10/28/20 14:30

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	su	su		%		%
pH	7.92	7.98	1	0.755		1

Sample Narrative:

OS: 7.92 at 21.7C

DUP: 7.98 at 21.9C

Laboratory Control Sample (LCS)

(LCS) R3586623-1 10/28/20 14:30

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	su	su	%	%	
pH	10.0	9.98	99.8	99.0-101	

Sample Narrative:

LCS: 9.98 at 21.8C

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3587228-1 10/29/20 16:00

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	umhos/cm		umhos/cm	umhos/cm
Specific Conductance	U		10.0	10.0

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

L1276088-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1276088-03 10/29/20 16:00 • (DUP) R3587228-3 10/29/20 16:00

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	umhos/cm	umhos/cm		%		%
Specific Conductance	3660	3680	1	0.545		20

L1276088-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1276088-05 10/29/20 16:00 • (DUP) R3587228-4 10/29/20 16:00

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	umhos/cm	umhos/cm		%		%
Specific Conductance	4120	4120	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3587228-2 10/29/20 16:00

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	umhos/cm	umhos/cm	%	%	
Specific Conductance	326	335	103	85.0-115	

Method Blank (MB)

(MB) R3585657-1 10/26/20 12:24

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Mercury	U		0.0180	0.0400

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Laboratory Control Sample (LCS)

(LCS) R3585657-2 10/26/20 12:27

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Mercury	0.500	0.476	95.2	80.0-120	

Method Blank (MB)

(MB) R3585389-1 10/26/20 03:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Copper	U		0.506	2.00
Lead	U		0.208	0.500
Nickel	U		0.490	2.00
Selenium	U		0.617	2.00
Silver	U		0.228	1.00
Zinc	1.45	J	0.939	5.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3585389-2 10/26/20 03:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	93.0	93.0	80.0-120	
Barium	100	98.5	98.5	80.0-120	
Cadmium	100	93.7	93.7	80.0-120	
Chromium	100	95.1	95.1	80.0-120	
Copper	100	95.5	95.5	80.0-120	
Lead	100	95.5	95.5	80.0-120	
Nickel	100	95.7	95.7	80.0-120	
Selenium	100	94.0	94.0	80.0-120	
Silver	20.0	17.6	88.1	80.0-120	
Zinc	100	94.3	94.3	80.0-120	

L1276148-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1276148-02 10/26/20 03:10 • (MS) R3585389-5 10/26/20 03:18 • (MSD) R3585389-6 10/26/20 03:20

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 %
Arsenic	99.8	ND	87.9	91.9	87.9	91.9	1	75.0-125			4.48	20
Barium	99.8	72.5	197	172	125	99.4	1	75.0-125			13.8	20
Cadmium	99.8	0.766	90.4	93.8	89.6	93.0	1	75.0-125			3.71	20
Chromium	99.8	21.8	113	111	91.7	89.7	1	75.0-125			1.80	20
Copper	99.8	53.6	183	163	129	110	1	75.0-125	J5		11.4	20
Lead	99.8	221	333	356	112	135	1	75.0-125		J5	6.59	20
Nickel	99.8	22.0	124	130	102	108	1	75.0-125			4.95	20

L1276148-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1276148-02 10/26/20 03:10 • (MS) R3585389-5 10/26/20 03:18 • (MSD) R3585389-6 10/26/20 03:20

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 %
Selenium	99.8	ND	86.7	91.8	86.7	91.8	1	75.0-125			5.71	20
Silver	20.0	ND	16.8	17.8	83.9	88.8	1	75.0-125			5.57	20
Zinc	99.8	217	447	363	230	146	1	75.0-125	J5	J3 J5	20.6	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R3588014-3 10/28/20 01:37

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3588014-1 10/28/20 00:28

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0517	103	76.0-121	
Toluene	0.0500	0.0519	104	80.0-120	
Ethylbenzene	0.0500	0.0538	108	80.0-124	
Total Xylene	0.150	0.172	115	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) R3588014-2 10/28/20 00:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.47	99.5	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			95.0	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			102	72.0-128	



L1276095-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1276095-01 10/28/20 09:54 • (MS) R3588014-4 10/28/20 10:35 • (MSD) R3588014-5 10/28/20 10:56

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 %
Benzene	24.8	0.390	18.3	25.5	72.2	101	500	10.0-155		J3	32.9	32
Toluene	24.8	6.45	26.1	36.7	79.2	122	500	10.0-160			33.8	34
Ethylbenzene	24.8	1.96	22.4	29.2	82.4	110	500	10.0-160			26.4	32
Total Xylene	74.3	21.9	83.5	117	82.9	128	500	10.0-160		J3	33.4	32
(S) a,a,a-Trifluorotoluene(FID)					104	103		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					101	99.0		72.0-128				

L1276095-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1276095-02 10/28/20 10:15 • (MS) R3588014-6 10/28/20 11:17 • (MSD) R3588014-7 10/28/20 11:38

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) Low Fraction	10900	3350	10700	10500	67.4	65.6	2000	10.0-151			1.89	28
(S) a,a,a-Trifluorotoluene(FID)					97.2	99.4		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					104	105		72.0-128				

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc



Method Blank (MB)

(MB) R3586322-1 10/27/20 21:37

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	61.7			18.0-148

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3586322-2 10/27/20 21:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) High Fraction	50.0	31.6	63.2	50.0-150	
(S) o-Terphenyl			84.2	18.0-148	

L1276095-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1276095-01 10/27/20 23:24 • (MS) R3586322-3 10/27/20 23:37 • (MSD) R3586322-4 10/27/20 23:50

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	49.8	39.2	61.4	82.8	44.6	92.8	1	50.0-150	J6	J3	29.7	20
(S) o-Terphenyl					68.2	83.9		18.0-148				

Method Blank (MB)

(MB) R3586719-2 10/28/20 06:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	67.3			14.0-149
(S) 2-Fluorobiphenyl	77.0			34.0-125
(S) p-Terphenyl-d14	86.8			23.0-120

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3586719-5 10/28/20 19:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600

Method Blank (MB)

(MB) R3586719-5 10/28/20 19:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	69.4			14.0-149
(S) 2-Fluorobiphenyl	75.7			34.0-125
(S) p-Terphenyl-d14	84.2			23.0-120

Laboratory Control Sample (LCS)

(LCS) R3586719-1 10/28/20 06:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0731	91.4	50.0-126	
Acenaphthene	0.0800	0.0739	92.4	50.0-120	
Acenaphthylene	0.0800	0.0820	103	50.0-120	
Benzo(a)anthracene	0.0800	0.0708	88.5	45.0-120	
Benzo(a)pyrene	0.0800	0.0683	85.4	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0788	98.5	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0697	87.1	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0788	98.5	49.0-125	
Chrysene	0.0800	0.0741	92.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0697	87.1	47.0-125	
Fluoranthene	0.0800	0.0718	89.8	49.0-129	
Fluorene	0.0800	0.0776	97.0	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0682	85.3	46.0-125	
Naphthalene	0.0800	0.0732	91.5	50.0-120	
Phenanthrene	0.0800	0.0708	88.5	47.0-120	
Pyrene	0.0800	0.0763	95.4	43.0-123	
1-Methylnaphthalene	0.0800	0.0698	87.3	51.0-121	
2-Methylnaphthalene	0.0800	0.0668	83.5	50.0-120	
2-Chloronaphthalene	0.0800	0.0768	96.0	50.0-120	
(S) Nitrobenzene-d5			87.2	14.0-149	
(S) 2-Fluorobiphenyl			84.3	34.0-125	
(S) p-Terphenyl-d14			84.5	23.0-120	

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.

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.
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.
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.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
T8	Sample(s) received past/too close to holding time expiration.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

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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	T104704245-18-15
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.

