

Scout Energy - Rangely, CO

Sample Delivery Group: L1927879
Samples Received: 12/13/2025
Project Number:
Description: Levison 34X Lateral

Report To: Cody Christian
100 Chevron Road
Rangely, CO 81648

Entire Report Reviewed By:



Chris Ward
Project Manager

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Pace Analytical National

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TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
LEV34XLAT-POR(4) L1927879-01	5
Qc: Quality Control Summary	7
Total Solids by Method 2540 G-2011	7
Wet Chemistry by Method 7199	8
Wet Chemistry by Method 9045D (S-1.10)	10
Wet Chemistry by Method 9050AMod (S-1.20)	11
Metals (ICP) by Method 6010D (S-7.10)	12
Metals (ICPMS) by Method 6020B	13
Volatile Organic Compounds (GC) by Method 8015D	15
Volatile Organic Compounds (GC/MS) by Method 8260D	16
Semi-Volatile Organic Compounds (GC) by Method 8015M	18
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	19
Gl: Glossary of Terms	21
Al: Accreditations & Locations	22
Sc: Sample Chain of Custody	23

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SAMPLE SUMMARY

LEV34XLAT-POR(4) L1927879-01

Collected by: SCOUT
 Collected date/time: 12/11/25 12:00
 Received date/time: 12/13/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2661583	1	12/19/25 15:25	12/19/25 15:25	BAG	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2660123	1	12/18/25 08:04	12/18/25 08:10	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2660486	1	12/17/25 13:01	12/21/25 17:37	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2661923	1	12/19/25 06:00	12/19/25 08:38	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2661933	1	12/19/25 10:35	12/19/25 15:18	AL	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2661602	1	12/20/25 11:25	12/20/25 14:42	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2659995	1	12/17/25 07:40	12/18/25 00:21	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2659490	25	12/15/25 13:46	12/16/25 15:28	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2659262	1	12/15/25 13:46	12/16/25 17:36	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2659668	1	12/21/25 08:11	12/21/25 18:55	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2660212	1	12/18/25 05:44	12/18/25 18:38	DMG	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CASE NARRATIVE

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

Sample Delivery Group (SDG) Narrative

Samples for VOC analysis were received in bulk containers. Preservation for method 5035 was not performed within 48 hours of collection.

<u>Lab Sample ID</u>	<u>Project Sample ID</u>	<u>Method</u>
L1927879-01	LEV34XLAT-POR(4)	8260D, 8015D

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	25.7		1	12/19/2025 15:25	WG2661583

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.3		1	12/18/2025 08:10	WG2660123

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.229	1	12/21/2025 17:37	WG2660486

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.93		1	12/19/2025 08:38	WG2661923

Sample Narrative:

L1927879-01 WG2661923: 7.93 at 19.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	18100	umhos/cm		10.0	1	12/19/2025 15:18	WG2661933

Sample Narrative:

L1927879-01 WG2661933: at 25C

Metals (ICP) by Method 6010D (S-7.10)

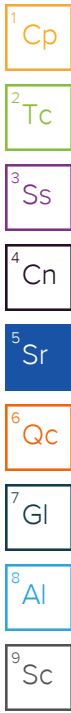
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.520		0.100	1	12/20/2025 14:42	WG2661602

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.32		0.115	1	12/18/2025 00:21	WG2659995
Barium	152		11.5	1	12/18/2025 00:21	WG2659995
Cadmium	0.290		0.115	1	12/18/2025 00:21	WG2659995
Copper	13.5		11.5	1	12/18/2025 00:21	WG2659995
Lead	14.4		11.5	1	12/18/2025 00:21	WG2659995
Nickel	17.2		11.5	1	12/18/2025 00:21	WG2659995
Selenium	0.995		0.115	1	12/18/2025 00:21	WG2659995
Silver	ND		0.573	1	12/18/2025 00:21	WG2659995
Zinc	70.2		57.3	1	12/18/2025 00:21	WG2659995

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.23	25	12/16/2025 15:28	WG2659490
(S) a,a,a-Trifluorotoluene(FID)	96.9		77.0-120		12/16/2025 15:28	WG2659490



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00129	1	12/16/2025 17:36	WG2659262
Ethylbenzene	ND		0.0129	1	12/16/2025 17:36	WG2659262
Toluene	ND		0.0129	1	12/16/2025 17:36	WG2659262
1,2,4-Trimethylbenzene	ND		0.00646	1	12/16/2025 17:36	WG2659262
1,3,5-Trimethylbenzene	ND		0.00646	1	12/16/2025 17:36	WG2659262
Xylenes, Total	ND		0.129	1	12/16/2025 17:36	WG2659262
(S) Toluene-d8	101		75.0-131		12/16/2025 17:36	WG2659262
(S) 4-Bromofluorobenzene	102		67.0-138		12/16/2025 17:36	WG2659262
(S) 1,2-Dichloroethane-d4	99.1		70.0-130		12/16/2025 17:36	WG2659262

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5.28		4.58	1	12/21/2025 18:55	WG2659668
C28-C36 Motor Oil Range	14.8		4.58	1	12/21/2025 18:55	WG2659668
(S) o-Terphenyl	30.1		18.0-148		12/21/2025 18:55	WG2659668

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Acenaphthene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Acenaphthylene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Benzo(a)anthracene	ND		0.00688	1	12/18/2025 18:38	WG2660212
Benzo(a)pyrene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Benzo(b)fluoranthene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Benzo(g,h,i)perylene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Benzo(k)fluoranthene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Chrysene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Dibenz(a,h)anthracene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Fluoranthene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Fluorene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Indeno(1,2,3-cd)pyrene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Naphthalene	ND		0.00344	1	12/18/2025 18:38	WG2660212
Phenanthrene	ND		0.0378	1	12/18/2025 18:38	WG2660212
Pyrene	ND		0.0378	1	12/18/2025 18:38	WG2660212
1-Methylnaphthalene	ND		0.00344	1	12/18/2025 18:38	WG2660212
2-Methylnaphthalene	ND		0.0138	1	12/18/2025 18:38	WG2660212
(S) p-Terphenyl-d14	70.0		23.0-120		12/18/2025 18:38	WG2660212
(S) 2-Fluorobiphenyl	76.6		34.0-125		12/18/2025 18:38	WG2660212
(S) 2-Methylnaphthalene-d10	89.2		50.0-150		12/18/2025 18:38	WG2660212

Method Blank (MB)

(MB) R4316177-1 12/18/25 08:10

Analyte	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
	%		%	%
Total Solids	0.000			

¹Cp

²Tc

³Ss

L1927874-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1927874-01 12/18/25 08:10 • (DUP) R4316177-3 12/18/25 08:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
	%	%		%		%
Total Solids	89.6	91.5	1	2.08		10

⁴Cn

⁵Sr

Laboratory Control Sample (LCS)

(LCS) R4316177-2 12/18/25 08:10

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4317668-1 12/21/25 11:52

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Hexavalent Chromium	U		0.200	0.200

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1927817-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1927817-12 12/21/25 15:46 • (DUP) R4317668-7 12/21/25 16:19

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	0.211	0.214	1	1.19		20

L1927874-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1927874-01 12/21/25 17:03 • (DUP) R4317668-8 12/21/25 17:14

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	0.259	ND	1	200	P1	20

Laboratory Control Sample (LCS)

(LCS) R4317668-2 12/21/25 12:04

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	9.47	94.7	80.0-120	

L1927770-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1927770-02 12/21/25 12:15 • (MS) R4317668-3 12/21/25 12:26 • (MSD) R4317668-4 12/21/25 12:37

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Hexavalent Chromium	21.4	ND	9.40	9.95	43.8	46.4	1	75.0-125	J6	J6	5.67	20

L1927770-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1927770-02 12/21/25 12:15 • (MS) R4317668-5 12/21/25 12:48

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	698	ND	466	66.7	50	75.0-125	<u>J6</u>

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1927778-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1927778-01 12/19/25 08:38 • (DUP) R4316568-2 12/19/25 08:38

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su	su		%		%
pH	7.17	7.11	1	0.840		1

Sample Narrative:

OS: 7.17 at 19.6C
DUP: 7.11 at 19.7C

L1928303-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1928303-01 12/19/25 08:38 • (DUP) R4316568-3 12/19/25 08:38

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su	su		%		%
pH	8.82	8.86	1	0.452		1

Sample Narrative:

OS: 8.82 at 19.3C
DUP: 8.86 at 19.6C

Laboratory Control Sample (LCS)

(LCS) R4316568-1 12/19/25 08:38

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

Sample Narrative:

LCS: 10 at 19.4C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4316753-1 12/19/25 15:18

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	U		10.0	10.0

Sample Narrative:

BLANK: at 25C

L1927778-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1927778-02 12/19/25 15:18 • (DUP) R4316753-3 12/19/25 15:18

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	49.5	55.0	1	10.5		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1927879-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1927879-01 12/19/25 15:18 • (DUP) R4316753-4 12/19/25 15:18

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	18100	18400	1	1.59		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4316753-2 12/19/25 15:18

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	483	446	92.3	90.0-110	

Sample Narrative:

LCS: at 25C

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4317020-1 12/20/25 13:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	U		0.0199	0.100

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

(LCS) R4317020-2 12/20/25 13:59 • (LCSD) R4317020-3 12/20/25 14:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	1.06	1.06	106	106	80.0-120			0.558	20

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R4315866-1 12/17/25 22:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.109	0.109
Barium	U		10.9	10.9
Cadmium	U		0.109	0.109
Copper	U		10.9	10.9
Lead	U		10.9	10.9
Nickel	U		10.9	10.9
Selenium	U		0.109	0.109
Silver	U		0.545	0.545
Zinc	U		54.5	54.5

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS)

(LCS) R4315866-2 12/17/25 23:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	97.6	97.6	80.0-120	
Barium	100	95.1	95.1	80.0-120	
Cadmium	100	91.7	91.7	80.0-120	
Copper	100	96.6	96.6	80.0-120	
Lead	100	93.4	93.4	80.0-120	
Nickel	100	97.3	97.3	80.0-120	
Selenium	100	93.2	93.2	80.0-120	
Silver	20.0	19.4	96.9	80.0-120	
Zinc	100	95.1	95.1	80.0-120	

⁷Gl

⁸Al

⁹Sc

L1927811-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1927811-23 12/17/25 23:03 • (MS) R4315866-5 12/17/25 23:13 • (MSD) R4315866-6 12/17/25 23:16

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	112	15.3	105	106	79.7	80.7	1	75.0-125			0.989	20
Barium	112	285	338	484	47.6	178	1	75.0-125	J6	J3 J5	35.6	20
Cadmium	112	0.451	93.2	91.5	82.7	81.2	1	75.0-125			1.84	20
Copper	112	22.5	107	109	75.8	77.5	1	75.0-125			1.74	20
Lead	112	17.2	105	103	78.4	76.6	1	75.0-125			1.92	20
Nickel	112	22.4	114	114	81.5	81.2	1	75.0-125			0.239	20
Selenium	112	1.49	89.2	90.0	78.2	78.9	1	75.0-125			0.900	20
Silver	22.4	ND	19.3	18.9	85.9	84.3	1	75.0-125			1.88	20

L1927811-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1927811-23 12/17/25 23:03 • (MS) R4315866-5 12/17/25 23:13 • (MSD) R4315866-6 12/17/25 23:16

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Zinc	112	74.1	161	163	77.2	78.9	1	75.0-125			1.17	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4315790-3 12/16/25 11:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		2.00	2.50
^(S) a,a,a-Trifluorotoluene(FID)	97.0			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) R4315790-1 12/16/25 10:10 • (LCSD) R4315790-2 12/16/25 10:32

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	5.00	5.03	4.93	101	98.6	72.0-127			2.01	20
^(S) a,a,a-Trifluorotoluene(FID)				106	106	77.0-120				

L1927832-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1927832-03 12/16/25 19:02 • (MS) R4315790-4 12/16/25 19:23 • (MSD) R4315790-5 12/16/25 19:44

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	163	ND	155	151	95.4	92.6	25	10.0-151			2.88	28
^(S) a,a,a-Trifluorotoluene(FID)					106	105		77.0-120				

Method Blank (MB)

(MB) R4317262-2 12/16/25 11:40

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000711	0.00100
Ethylbenzene	U		0.000987	0.0100
Toluene	U		0.00289	0.0100
1,2,4-Trimethylbenzene	U		0.00238	0.00500
1,3,5-Trimethylbenzene	U		0.00228	0.00500
Xylenes, Total	U		0.00280	0.100
(S) Toluene-d8	103			75.0-131
(S) 4-Bromofluorobenzene	100			67.0-138
(S) 1,2-Dichloroethane-d4	96.7			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4317262-1 12/16/25 09:39

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/kg	mg/kg	%	%	
Benzene	0.250	0.239	95.6	70.0-123	
Ethylbenzene	0.250	0.238	95.2	74.0-126	
Toluene	0.250	0.245	98.0	75.0-121	
1,2,4-Trimethylbenzene	0.250	0.227	90.8	70.0-126	
1,3,5-Trimethylbenzene	0.250	0.227	90.8	73.0-127	
Xylenes, Total	0.750	0.730	97.3	72.0-127	
(S) Toluene-d8			100	75.0-131	
(S) 4-Bromofluorobenzene			98.3	67.0-138	
(S) 1,2-Dichloroethane-d4			99.1	70.0-130	

L1927865-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1927865-01 12/16/25 15:34 • (MS) R4317262-3 12/16/25 20:38 • (MSD) R4317262-4 12/16/25 20:58

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.304	ND	0.283	0.285	93.2	93.6	1	10.0-149			0.428	37
Ethylbenzene	0.304	ND	0.281	0.276	92.4	90.8	1	10.0-160			1.75	38
Toluene	0.304	ND	0.285	0.285	93.6	93.6	1	10.0-156			0.000	38
1,2,4-Trimethylbenzene	0.304	ND	0.275	0.288	90.4	94.8	1	10.0-160			4.75	36
1,3,5-Trimethylbenzene	0.304	ND	0.279	0.303	91.6	99.6	1	10.0-160			8.37	38
Xylenes, Total	0.912	ND	0.866	0.836	94.9	91.6	1	10.0-160			3.57	38
(S) Toluene-d8					99.2	98.0		75.0-131				
(S) 4-Bromofluorobenzene					98.7	99.7		67.0-138				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1927865-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1927865-01 12/16/25 15:34 • (MS) R4317262-3 12/16/25 20:38 • (MSD) R4317262-4 12/16/25 20:58

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) 1,2-Dichloroethane-d4					100	105		70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4317517-1 12/21/25 15:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	0.275	↓	0.274	4.00
(S) o-Terphenyl	68.0			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4317517-2 12/21/25 16:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	41.5	83.0	50.0-150	
(S) o-Terphenyl			48.9	18.0-148	

L1927781-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1927781-02 12/22/25 18:43 • (MS) R4318003-1 12/22/25 18:59 • (MSD) R4318003-2 12/22/25 19:13

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	50.8	33.1	66.0	72.5	64.6	78.1	1	50.0-150			9.45	20
(S) o-Terphenyl					92.8	94.4		18.0-148				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4316563-2 12/18/25 13:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00163	0.0330
Acenaphthene	U		0.00162	0.0330
Acenaphthylene	U		0.00159	0.0330
Benzo(a)anthracene	U		0.00200	0.00600
Benzo(a)pyrene	U		0.00163	0.0330
Benzo(b)fluoranthene	U		0.00275	0.0330
Benzo(g,h,i)perylene	U		0.00193	0.0330
Benzo(k)fluoranthene	U		0.00213	0.0330
Chrysene	U		0.00206	0.0330
Dibenz(a,h)anthracene	U		0.00201	0.0330
Fluoranthene	U		0.00239	0.0330
Fluorene	U		0.00180	0.0330
Indeno(1,2,3-cd)pyrene	U		0.00234	0.0330
Naphthalene	U		0.00300	0.00300
Phenanthrene	U		0.00305	0.0330
Pyrene	U		0.00205	0.0330
1-Methylnaphthalene	U		0.00219	0.00300
2-Methylnaphthalene	U		0.00571	0.0120
(S) p-Terphenyl-d14	102			23.0-120
(S) 2-Fluorobiphenyl	100			34.0-125
(S) 2-Methylnaphthalene-d10	102			50.0-150

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4316563-1 12/18/25 13:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0882	110	50.0-126	
Acenaphthene	0.0800	0.0844	105	50.0-120	
Acenaphthylene	0.0800	0.0894	112	50.0-120	
Benzo(a)anthracene	0.0800	0.0836	105	45.0-120	
Benzo(a)pyrene	0.0800	0.0747	93.4	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0834	104	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0810	101	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0870	109	49.0-125	
Chrysene	0.0800	0.0874	109	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0786	98.2	47.0-125	
Fluoranthene	0.0800	0.0905	113	49.0-129	
Fluorene	0.0800	0.0891	111	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R4316563-1 12/18/25 13:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Indeno(1,2,3-cd)pyrene	0.0800	0.0682	85.3	46.0-125	
Naphthalene	0.0800	0.0804	101	50.0-120	
Phenanthrene	0.0800	0.0821	103	47.0-120	
Pyrene	0.0800	0.0878	110	43.0-123	
1-Methylnaphthalene	0.0800	0.0885	111	51.0-121	
2-Methylnaphthalene	0.0800	0.0846	106	50.0-120	
<i>(S) p-Terphenyl-d14</i>			102	23.0-120	
<i>(S) 2-Fluorobiphenyl</i>			103	34.0-125	
<i>(S) 2-Methylnaphthalene-d10</i>			108	50.0-150	

L1927866-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1927866-01 12/18/25 14:15 • (MS) R4316563-3 12/18/25 14:32 • (MSD) R4316563-4 12/18/25 14:50

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Anthracene	0.0809	ND	0.0746	0.0652	92.1	81.4	1	10.0-145			13.4	30
Acenaphthene	0.0809	ND	0.0673	0.0611	83.1	76.3	1	14.0-127			9.59	27
Acenaphthylene	0.0809	ND	0.0720	0.0657	88.9	82.0	1	21.0-124			9.09	25
Benzo(a)anthracene	0.0809	ND	0.0701	0.0640	86.6	79.9	1	10.0-139			9.02	30
Benzo(a)pyrene	0.0809	ND	0.0675	0.0598	83.4	74.6	1	10.0-141			12.1	31
Benzo(b)fluoranthene	0.0809	ND	0.0628	0.0552	77.6	68.9	1	10.0-140			12.9	36
Benzo(g,h,i)perylene	0.0809	ND	0.0635	0.0570	78.5	71.1	1	10.0-140			10.9	33
Benzo(k)fluoranthene	0.0809	ND	0.0678	0.0580	83.8	72.4	1	10.0-137			15.6	31
Chrysene	0.0809	ND	0.0720	0.0628	88.9	78.4	1	10.0-145			13.6	30
Dibenz(a,h)anthracene	0.0809	ND	0.0666	0.0583	82.2	72.8	1	10.0-132			13.2	31
Fluoranthene	0.0809	ND	0.0746	0.0670	92.1	83.6	1	10.0-153			10.8	33
Fluorene	0.0809	ND	0.0711	0.0676	87.9	84.4	1	11.0-130			5.11	29
Indeno(1,2,3-cd)pyrene	0.0809	ND	0.0537	0.0489	66.4	61.1	1	10.0-137			9.35	32
Naphthalene	0.0809	ND	0.0669	0.0587	82.6	73.3	1	10.0-135			13.0	27
Phenanthrene	0.0809	ND	0.0663	0.0610	82.0	76.2	1	10.0-144			8.35	31
Pyrene	0.0809	ND	0.0680	0.0615	84.0	76.8	1	10.0-148			9.98	35
1-Methylnaphthalene	0.0809	ND	0.0722	0.0647	89.2	80.7	1	10.0-142			11.0	28
2-Methylnaphthalene	0.0809	ND	0.0697	0.0615	86.1	76.8	1	10.0-137			12.4	28
<i>(S) p-Terphenyl-d14</i>					84.5	76.7		23.0-120				
<i>(S) 2-Fluorobiphenyl</i>					87.1	79.7		34.0-125				
<i>(S) 2-Methylnaphthalene-d10</i>					92.5	83.6		50.0-150				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

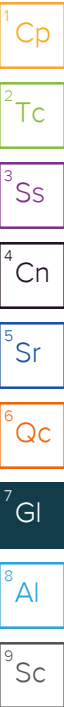
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	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.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
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.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
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

* 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 Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Scout Energy Partners 100 Chevron Road Rangely, CO 81648		Billing Information: Same as left			Analysis / Container / Preservative		Chain of Custody Page 1 of 1	
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Report to: Cody Christian		Email To: cody.christian@scoutep.com		
-------------------------------------	--	--	--	--

Project Description: Levison 34X Lateral		City/State Collected: CO		
--	--	------------------------------------	--	--

Phone: 1-970-501-5157	Client Project #	Lab Project #
------------------------------	------------------	---------------

Collected by (print): SCOUT	Site/Facility ID #	P.O. #
---------------------------------------	--------------------	--------

Collected by (signature): SCOUT	Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day	Quote #
---	---	---------

Immediately Packed on Ice N ___ Y <input checked="" type="checkbox"/>	Date Results Needed		No. of Cntrs
---	---------------------	--	--------------

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TABLE 915 GRO/DRO/ORO	TABLE 915 Metals	TABLE 915 VOCs	TABLE 915 pH, SPCON, SAR	TABLE 915 PAHs
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LEV34XLAT-POR (4')	Grab	SS	4'	12/11/2025	1200	2	X	X	X	X	X

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____	Remarks:	Samples returned via: ___ UPS ___ FedEx ___ Courier _____	Tracking # 7315 3202 8170	pH _____ Temp _____ Flow _____ Other _____	Sample Receipt Checklist COC Seal Present/Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N COC Signed/Accurate: <input type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input type="checkbox"/> Y <input type="checkbox"/> N <u>If Applicable</u> VOA Zero Headspace: <input type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input type="checkbox"/> Y <input type="checkbox"/> N
--	----------	--	----------------------------------	---	---

Relinquished by: (Signature) <i>J. Barron</i>	Date: 12-12-2025	Time: 1200	Received by: (Signature) <i>[Signature]</i>	Trip Blank Received: Yes/No HCL/MeOH TBR
Relinquished by: (Signature) <i>AD</i>	Date: 12/12/25	Time: 1400	Received by: (Signature) <i>[Signature]</i>	Temp °C Bottles Received: <i>PLAGSD=0.5 Z</i>
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 12/13/25 Time: 0950
				Hold:
				Condition: NCF / <input checked="" type="checkbox"/> OK



 12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859



L # **L1927879**

Table **F249**

Acctnum: **SCOUT**

Template:

Prelogin:

TSR:

PB:

Shipped Via:

Remarks	Sample # (lab only)
	09