

Sevierville Water Systems

Sample Delivery Group: L1654232
Samples Received: 09/08/2023
Project Number: PBCU
Description: Lead and Copper Analysis
Site: 0617
Report To: Mr. Shane Carr
P.O. Box 5500
Sevierville, TN 37864

Entire Report Reviewed By:



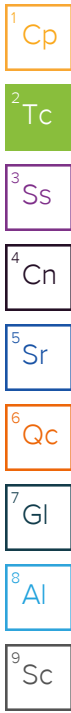
Rodney Shinbaum
Project Manager

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.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	7
Sr: Sample Results	8
001-1330 WILLOW CREEK LANE APT#4 L1654232-01	8
002-1002 ALLENSVILLE RD L1654232-02	9
003-WHITE OAK DR L1654232-03	10
004-1413 EAST PARK L1654232-04	11
005-1416 EAST PARK L1654232-05	12
006-2232 MAPLES DR L1654232-06	13
007-604 BROADVIEW DR L1654232-07	14
008-202 SUNNYSIDE AVENUE L1654232-08	15
009-1609 RIVER GATE RIDGE CT L1654232-09	16
010-3124 OLD NEWPORT HWY L1654232-10	17
011-114 LYNN DR L1654232-11	18
012-109 LEXINGTON PLACE L1654232-12	19
013-801 BURDEN HILL RD L1654232-13	20
014-845 BURDEN HILL RD L1654232-14	21
015-116 HAZEL DR APT 2 L1654232-15	22
016-211 MAGGIE MACK LN #1 L1654232-16	23
017-2315 ISLAND BLVD. L1654232-17	24
018-814 BURDEN HILL L1654232-18	25
019-116 HAZEL DR APT 1 L1654232-19	26
020-1609 RIVERGATE RD L1654232-20	27
021-305 LYNN DRY L1654232-21	28
022-120 HAZEL DR. L1654232-22	29
023-211 MAGGIE MACK IN #2 L1654232-23	30
024-116 HAZEL DR. L1654232-24	31
025-309 LYNN DR L1654232-25	32
026-1640 JASMINE TARIL L1654232-26	33
027-804 BURDEN HILL RD L1654232-27	34
029-270 CROSSOVER RD L1654232-29	35
030-2169 MURPHYS CHAPEL DRIVE L1654232-30	36
028-1336 OLD NEWPORT HWY L1654232-31	37
Qc: Quality Control Summary	38
Metals (ICPMS) by Method 200.8	38
Gl: Glossary of Terms	42
Al: Accreditations & Locations	43
Sc: Sample Chain of Custody	44



SAMPLE SUMMARY

001-1330 WILLOW CREEK LANE APT#4 L1654232-01 DW

Collected by
Collected date/time
Received date/time

09/05/23 12:23
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130355	1	09/14/23 20:45	09/15/23 15:23	JPD	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

002-1002 ALLENSVILLE RD L1654232-02 DW

Collected by
Collected date/time
Received date/time

09/05/23 05:30
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130355	1	09/14/23 20:45	09/15/23 00:20	JPD	Mt. Juliet, TN

003-WHITE OAK DR L1654232-03 DW

Collected by
Collected date/time
Received date/time

09/05/23 06:30
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130355	1	09/14/23 20:45	09/15/23 00:24	JPD	Mt. Juliet, TN

004-1413 EAST PARK L1654232-04 DW

Collected by
Collected date/time
Received date/time

09/04/23 08:30
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130355	1	09/14/23 20:45	09/15/23 00:27	JPD	Mt. Juliet, TN

005-1416 EAST PARK L1654232-05 DW

Collected by
Collected date/time
Received date/time

09/04/23 08:40
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130355	1	09/14/23 20:45	09/15/23 00:30	JPD	Mt. Juliet, TN

006-2232 MAPLES DR L1654232-06 DW

Collected by
Collected date/time
Received date/time

09/05/23 06:40
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130355	1	09/14/23 20:45	09/15/23 00:34	JPD	Mt. Juliet, TN

007-604 BROADVIEW DR L1654232-07 DW

Collected by
Collected date/time
Received date/time

09/05/23 05:21
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130355	1	09/14/23 20:45	09/15/23 00:44	JPD	Mt. Juliet, TN

008-202 SUNNYSIDE AVENUE L1654232-08 DW

Collected by
Collected date/time
Received date/time

09/05/23 05:30
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130355	1	09/14/23 20:45	09/15/23 00:47	JPD	Mt. Juliet, TN

SAMPLE SUMMARY

009-1609 RIVER GATE RIDGE CT L1654232-09 DW

Collected by
Collected date/time
Received date/time

09/05/23 07:25
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130355	1	09/14/23 20:45	09/15/23 00:50	JPD	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

010-3124 OLD NEWPORT HWY L1654232-10 DW

Collected by
Collected date/time
Received date/time

09/05/23 04:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130355	1	09/14/23 20:45	09/15/23 00:53	JPD	Mt. Juliet, TN

011-114 LYNN DR L1654232-11 DW

Collected by
Collected date/time
Received date/time

09/05/23 08:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130356	1	09/14/23 20:21	09/15/23 14:28	JPD	Mt. Juliet, TN

012-109 LEXINGTON PLACE L1654232-12 DW

Collected by
Collected date/time
Received date/time

09/06/23 06:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130356	1	09/14/23 20:21	09/15/23 03:03	JPD	Mt. Juliet, TN

013-801 BURDEN HILL RD L1654232-13 DW

Collected by
Collected date/time
Received date/time

09/04/23 09:15
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130356	1	09/14/23 20:21	09/15/23 03:13	JPD	Mt. Juliet, TN

014-845 BURDEN HILL RD L1654232-14 DW

Collected by
Collected date/time
Received date/time

09/04/23 09:15
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130356	1	09/14/23 20:21	09/15/23 03:16	JPD	Mt. Juliet, TN

015-116 HAZEL DR APT 2 L1654232-15 DW

Collected by
Collected date/time
Received date/time

09/06/23 06:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130356	1	09/14/23 20:21	09/15/23 03:20	JPD	Mt. Juliet, TN

016-211 MAGGIE MACK LN #1 L1654232-16 DW

Collected by
Collected date/time
Received date/time

09/06/23 06:15
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130356	1	09/14/23 20:21	09/15/23 03:23	JPD	Mt. Juliet, TN

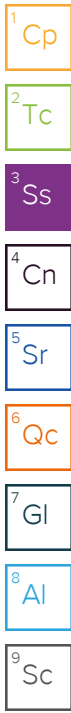
SAMPLE SUMMARY

017-2315 ISLAND BLVD. L1654232-17 DW

Collected by
Collected date/time
Received date/time

09/04/23 05:45
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130356	1	09/14/23 20:21	09/15/23 03:26	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 200.8	WG2130356	10	09/14/23 20:21	09/15/23 14:38	JPD	Mt. Juliet, TN



018-814 BURDEN HILL L1654232-18 DW

Collected by
Collected date/time
Received date/time

09/04/23 08:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130356	1	09/14/23 20:21	09/15/23 03:30	JPD	Mt. Juliet, TN

019-116 HAZEL DR APT 1 L1654232-19 DW

Collected by
Collected date/time
Received date/time

09/06/23 06:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130356	1	09/14/23 20:21	09/15/23 03:33	JPD	Mt. Juliet, TN

020-1609 RIVERGATE RD L1654232-20 DW

Collected by
Collected date/time
Received date/time

09/06/23 06:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130356	1	09/14/23 20:21	09/15/23 03:36	JPD	Mt. Juliet, TN

021-305 LYNN DRY L1654232-21 DW

Collected by
Collected date/time
Received date/time

09/04/23 09:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130357	1	09/14/23 19:55	09/15/23 15:09	JPD	Mt. Juliet, TN

022-120 HAZEL DR. L1654232-22 DW

Collected by
Collected date/time
Received date/time

09/06/23 06:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130357	1	09/14/23 19:55	09/15/23 01:13	JPD	Mt. Juliet, TN

023-211 MAGGIE MACK IN #2 L1654232-23 DW

Collected by
Collected date/time
Received date/time

09/06/23 06:45
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130357	1	09/14/23 19:55	09/15/23 01:23	JPD	Mt. Juliet, TN

024-116 HAZEL DR. L1654232-24 DW

Collected by
Collected date/time
Received date/time

09/06/23 06:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130357	1	09/14/23 19:55	09/15/23 01:27	JPD	Mt. Juliet, TN

SAMPLE SUMMARY

025-309 LYNN DR L1654232-25 DW

Collected by
Collected date/time
Received date/time

09/04/23 07:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130357	1	09/14/23 19:55	09/15/23 01:30	JPD	Mt. Juliet, TN

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

026-1640 JASMINE TARIL L1654232-26 DW

Collected by
Collected date/time
Received date/time

09/05/23 06:30
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130357	1	09/14/23 19:55	09/15/23 01:33	JPD	Mt. Juliet, TN

027-804 BURDEN HILL RD L1654232-27 DW

Collected by
Collected date/time
Received date/time

09/04/23 08:47
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130357	1	09/14/23 19:55	09/15/23 01:37	JPD	Mt. Juliet, TN

029-270 CROSSOVER RD L1654232-29 DW

Collected by
Collected date/time
Received date/time

09/01/23 06:20
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130357	1	09/14/23 19:55	09/15/23 01:40	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 200.8	WG2130357	10	09/14/23 19:55	09/15/23 15:20	JPD	Mt. Juliet, TN

030-2169 MURPHYS CHAPEL DRIVE L1654232-30 DW

Collected by
Collected date/time
Received date/time

09/05/23 06:40
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2130357	1	09/14/23 19:55	09/15/23 01:43	JPD	Mt. Juliet, TN

028-1336 OLD NEWPORT HWY L1654232-31 DW

Collected by
Collected date/time
Received date/time

09/01/23 04:00
09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 200.8	WG2137024	1	09/22/23 07:29	09/22/23 17:52	JPD	Mt. Juliet, TN

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.



Rodney Shinbaum
Project Manager

Project Narrative

A 2nd chain was sent in by the client to correct sample dates and times for samples with a 2020 collection date.

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

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.401	V	0.00100	1.30	1	09/15/2023 15:23	WG2130355	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 15:23	WG2130355	JPD

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

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.170		0.00100	1.30	1	09/15/2023 00:20	WG2130355	JPD
Lead	0.00377		0.00200	0.0150	1	09/15/2023 00:20	WG2130355	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

	Result	Units	Reference Limit
Analyte			
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.146		0.00100	1.30	1	09/15/2023 00:24	WG2130355	JPD
Lead	0.00439		0.00200	0.0150	1	09/15/2023 00:24	WG2130355	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.00660		0.00100	1.30	1	09/15/2023 00:27	WG2130355	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 00:27	WG2130355	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

	Result	Units	Reference Limit
Analyte			
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0323		0.00100	1.30	1	09/15/2023 00:30	WG2130355	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 00:30	WG2130355	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0197		0.00100	1.30	1	09/15/2023 00:34	WG2130355	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 00:34	WG2130355	JPD

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

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.163		0.00100	1.30	1	09/15/2023 00:44	WG2130355	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 00:44	WG2130355	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.237		0.00100	1.30	1	09/15/2023 00:47	WG2130355	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 00:47	WG2130355	JPD

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

Additional Information - Results for field analyses are not accredited to ISO 17025

	Result	Units	Reference Limit
Analyte			
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0896		0.00100	1.30	1	09/15/2023 00:50	WG2130355	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 00:50	WG2130355	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0191		0.00100	1.30	1	09/15/2023 00:53	WG2130355	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 00:53	WG2130355	JPD

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

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0630		0.00100	1.30	1	09/15/2023 14:28	WG2130356	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 14:28	WG2130356	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.00946		0.00100	1.30	1	09/15/2023 03:03	WG2130356	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 03:03	WG2130356	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	2		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.152		0.00100	1.30	1	09/15/2023 03:13	WG2130356	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 03:13	WG2130356	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0173		0.00100	1.30	1	09/15/2023 03:16	WG2130356	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 03:16	WG2130356	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0104		0.00100	1.30	1	09/15/2023 03:20	WG2130356	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 03:20	WG2130356	JPD

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	2		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0169		0.00100	1.30	1	09/15/2023 03:23	WG2130356	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 03:23	WG2130356	JPD

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

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	1.95		0.0100	1.30	10	09/15/2023 14:38	WG2130356	JPD
Lead	0.00297		0.00200	0.0150	1	09/15/2023 03:26	WG2130356	JPD

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	2		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0181		0.00100	1.30	1	09/15/2023 03:30	WG2130356	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 03:30	WG2130356	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	2		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.00939		0.00100	1.30	1	09/15/2023 03:33	WG2130356	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 03:33	WG2130356	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

	Result	Units	Reference Limit
Analyte			
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0263		0.00100	1.30	1	09/15/2023 03:36	WG2130356	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 03:36	WG2130356	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	2		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0645		0.00100	1.30	1	09/15/2023 15:09	WG2130357	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 15:09	WG2130357	JPD

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

Additional Information - Results for field analyses are not accredited to ISO 17025

	Result	Units	Reference Limit
Analyte			
Entry Point	R		
Sample Type	A		
Tier Number	2		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.00917		0.00100	1.30	1	09/15/2023 01:13	WG2130357	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 01:13	WG2130357	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	2		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0119		0.00100	1.30	1	09/15/2023 01:23	WG2130357	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 01:23	WG2130357	JPD

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

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0102		0.00100	1.30	1	09/15/2023 01:27	WG2130357	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 01:27	WG2130357	JPD

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

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0603		0.00100	1.30	1	09/15/2023 01:30	WG2130357	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 01:30	WG2130357	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

	Result	Units	Reference Limit
Analyte			
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0379		0.00100	1.30	1	09/15/2023 01:33	WG2130357	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 01:33	WG2130357	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

	Result	Units	Reference Limit
Analyte			
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0146		0.00100	1.30	1	09/15/2023 01:37	WG2130357	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 01:37	WG2130357	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

	Result	Units	Reference Limit
Analyte			
Entry Point	R		
Sample Type	A		
Tier Number	3		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	1.10		0.0100	1.30	10	09/15/2023 15:20	WG2130357	JPD
Lead	0.00312		0.00200	0.0150	1	09/15/2023 01:40	WG2130357	JPD

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

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	2		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.0327		0.00100	1.30	1	09/15/2023 01:43	WG2130357	JPD
Lead	ND		0.00200	0.0150	1	09/15/2023 01:43	WG2130357	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units	Reference Limit
Entry Point	R		
Sample Type	A		
Tier Number	1		

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	Det. Limit	Reference Limit	Dilution	Analysis	Batch	Analyst
	mg/l		mg/l	mg/l		date / time		
Copper	0.189		0.00100	1.30	1	09/22/2023 17:52	WG2137024	JPD
Lead	ND		0.00200	0.0150	1	09/22/2023 17:52	WG2137024	JPD

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3973445-1 09/15/23 00:04

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Copper	U		0.000670	0.00100
Lead	U		0.000513	0.00200

1 Cp

2 Tc

3 Ss

Laboratory Control Sample (LCS)

(LCS) R3973445-2 09/15/23 00:07

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/l	mg/l	%	%	
Copper	0.0500	0.0454	90.7	85.0-115	
Lead	0.0500	0.0477	95.4	85.0-115	

4 Cn

5 Sr

6 Qc

L1654232-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1654232-01 09/15/23 15:23 • (MS) R3973747-1 09/15/23 15:27 • (MSD) R3973747-2 09/15/23 15:30

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Copper	0.0500	0.401	0.431	0.440	60.9	80.0	1	70.0-130	V		2.19	20
Lead	0.0500	ND	0.0501	0.0493	100	98.7	1	70.0-130			1.57	20

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3973447-1 09/15/23 02:46

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Copper	U		0.000670	0.00100
Lead	U		0.000513	0.00200

Laboratory Control Sample (LCS)

(LCS) R3973447-2 09/15/23 02:50

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/l	mg/l	%	%	
Copper	0.0500	0.0461	92.1	85.0-115	
Lead	0.0500	0.0476	95.1	85.0-115	

L1654232-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1654232-11 09/15/23 14:28 • (MS) R3973718-1 09/15/23 14:31 • (MSD) R3973718-2 09/15/23 14:35

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Copper	0.0500	0.0630	0.109	0.110	92.4	93.2	1	70.0-130			0.343	20
Lead	0.0500	ND	0.0530	0.0497	105	98.0	1	70.0-130			6.39	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3973446-1 09/15/23 00:57

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Copper	U		0.000670	0.00100
Lead	U		0.000513	0.00200

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3973446-2 09/15/23 01:00

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/l	mg/l	%	%	
Copper	0.0500	0.0455	90.9	85.0-115	
Lead	0.0500	0.0481	96.2	85.0-115	

L1654232-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1654232-21 09/15/23 15:09 • (MS) R3973746-1 09/15/23 15:13 • (MSD) R3973746-2 09/15/23 15:16

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Copper	0.0500	0.0645	0.111	0.111	93.0	92.5	1	70.0-130			0.251	20
Lead	0.0500	ND	0.0499	0.0513	96.2	98.9	1	70.0-130			2.67	20

Method Blank (MB)

(MB) R3976759-1 09/22/23 17:46

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Copper	U		0.000670	0.00100
Lead	U		0.000513	0.00200

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3976759-2 09/22/23 17:49

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/l	mg/l	%	%	
Copper	0.0500	0.0499	99.8	85.0-115	
Lead	0.0500	0.0508	102	85.0-115	

L1654232-31 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1654232-31 09/22/23 17:52 • (MS) R3976759-3 09/22/23 17:56 • (MSD) R3976759-4 09/22/23 17:59

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Copper	0.0500	0.189	0.234	0.234	90.1	89.1	1	70.0-130			0.207	20
Lead	0.0500	ND	0.0501	0.0506	98.3	99.2	1	70.0-130			0.925	20

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

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.
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
V	The sample concentration is too high to evaluate accurate spike recoveries.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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



City of Sevierville Water Dept. PO Box 5500 2287
 McCroskey Island Rd. TN 37876

Phone # 8658681539

PWSID # 0000617

C065

12065 Lebanon Rd. Mt. Juliet TN 37122 (800)767-5859

L1054282

Lead and Copper Chain Of Possession Sheet

Site ID	Sample bottle #	Collection Location	Collection Type	Date	Time	Sample Type	Tier Number	(For Lab Use - Sample #)
1	1	1330 Willow creek lane apt#4 Sevierville tn 37862	R	9/5/2023	12:23 AM	A	1	-01
2	2	1002 Allensville rd Sevierville tn 37862	R	9/5/2023	5:30 AM	A	1	-02
3	3	White Oak DR Sevierville tn 37862	R	9/5/2023	6:30 AM	A	1	-03
4	4	1413 east park In Sevierville TN 37862	R	9/4/2023	8:30 AM	A	1	-04
5	5	1416 east park In Sevierville TN 37862	R	9/4/2023	8:40 AM	A	1	-05
6	6	2232 Maples Dr. Sevierville TN 37862	R	9/28/2020	7:30 AM	A	1	-06
7	7	604 Broadview dr. Sevierville TN 37862	R	9/5/2023	5:21AM	A	1	-07
8	8	202 Sunnyside Avenue Sevierville TN 37862	R	9/29/2020	11:15 AM	A	1	-08
9	9	1609 River gate Ridge ct. Sevierville TN 37862	R	9/25/2020	6:20 AM	A	1	-09
10	10	3124 Old Newport Hwy Sevierville TN 37862	R	9/28/2020	6:30 AM	A	1	-10
11	11	114 Lynn Dr. Sevierville TN 37862	R	9/29/2020	6:00 AM	A	1	-11
12	12	109 Lexington place Sevierville TN 37862	R	9/25/2020	6:30 AM	A	1	-12
13	13	801 Burden Hill Rd Sevierville tn 37862	R	9/4/2023	9:15 AM	A	2	-13
14	14	845 Burden hill rd. sevierville tn 37862	R	9/4/2023	9:15 AM	A	1	-14
15	15	116 hazel dr apt 2 Sevierville TN 37862	R	9/6/2023	6:00 AM	A	1	-15
16	16	211 Maggie Mack In #1 Sevierville TN 37862	R	9/6/2023	6:15 AM	A	2	-16
17	17	2315 Island Blvd. Sevierville TN 37862	R	9/4/2023	5:45 PM	A	1	-17
18	18	814 burden hill Sevierville TN 37862	R	9/4/2023	8:00 AM	A	2	-18
19	19	116 hazel dr apt 1 Sevierville TN 37862	R	9/6/2023	6:00 AM	A	2	-19
20	20	1609 Rivergate rd. Sevierville TN 37862	R	9/6/2023	6:00 AM	A	1	-20
21	21	305 Lynn dry Sevierville TN 37862	R	9/4/2023	9:00 AM	A	2	-21
22	22	120 hazel dr. Sevierville TN 37862	R	9/6/2023	6:00 AM	A	2	-22
23	23	211 Maggie Mack In #2 Sevierville TN 37862	R	9/27/2020	6:00 AM	A	2	-23
24	24	116 hazel drive #3 Sevierville TN 37862	R	9/6/2023	6:00 AM	A	1	-24
25	25	309 Lynn Dr Sevierville TN 37862	R	9/24/2020	5:30 AM	A	1	-25
26	26	1640 Jasmine Trail Sevierville TN 37862	R	9/1/2023	4:00 AM	A	1	-26
27	27	804 burden hill rd Sevierville TN 37862	R	9/4/2023	8:47 AM	A	1	-27
28	28	116 Hazel drive #4 Sevierville TN 37862	R	9/25/2020	7:00 AM	A	1	-28
29	29	270 Crossover Rd Sevierville tn 37862	R	9/1/2023	6:20 AM	A	3	-29
30	30	2169 murphys chapel drive Sevierville TN 37862	R	9/5/2023	6:40 AM	A	2	-30
Chain of Possession:		signature	time	date				
1		<i>[Signature]</i>	9:32	9/7/23				
2		<i>[Signature]</i>	09:20	09.08.23				

Sample Receipt Checklist
 If Applicable
 COC Seal Present/Intact: Y N
 COC signed/Accurate: Y N
 Bottles airtight/Intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 PA Screen 40.5 MR/HR: Y N
 VOR Zero Headspace: Y N
 Pres. Correct/Check: Y N
 AMBIMUT
 L0193 3528 5388



12065 Lebanon Rd. Mt. Juliet TN 37122 (800)767-5859

City of Sevierville Water Dept. PO Box 5500 2287
McCroskey Island Rd. TN 37876

Phone # 8658681539

PWSID # 0000617

Lead and Copper Chain Of Possession Sheet

Site ID	Sample bottle #	Collection Location	Collection Type	Date	Time	Sample Type	Tier Number	(For Lab Use - Sample #)
1	1	1330 Willow creek lane apt#4 Sevierville tn 37862	R	9/5/2023	12:23 AM	A	1	
2	2	1002 Allensville rd Sevierville tn 37862	R	9/5/2023	5:30 AM	A	1	
3	3	White Oak DR Sevierville tn 37862	R	9/5/2023	6:30 AM	A	1	
4	4	1413 east park In Sevierville TN 37862	R	9/4/2023	8:30 AM	A	1	
5	5	1416 east park In Sevierville TN 37862	R	9/4/2023	8:40 AM	A	1	
6	6	2232 Maples Dr. Sevierville TN 37862	R	9/5/2023	6:40 AM	A	1	
7	7	604 Broadview dr. Sevierville TN 37862	R	9/5/2023	5:21AM	A	1	
8	8	202 Sunnyside Avenue Sevierville TN 37862	R	9/5/2023	5:30 AM	A	1	
9	9	1609 River gate Ridge ct. Sevierville TN 37862	R	9/5/2023	7:25 AM	A	1	
10	10	3124 Old Newport Hwy Sevierville TN 37862	R	9/5/2023	4:00 AM	A	1	
11	11	114 Lynn Dr. Sevierville TN 37862	R	9/5/2023	8:00 AM	A	1	
12	12	109 Lexington place Sevierville TN 37862	R	9/6/2023	6:00 AM	A	1	
13	13	801 Burden Hill Rd Sevierville tn 37862	R	9/4/2023	9:15 AM	A	2	
14	14	845 Burden hill rd. sevierville tn 37862	R	9/4/2023	9:15 AM	A	1	
15	15	116 hazel dr apt 2 Sevierville TN 37862	R	9/6/2023	6:00 AM	A	1	
16	16	211 Maggie Mack In #1 Sevierville TN 37862	R	9/6/2023	6:15 AM	A	2	
17	17	2315 Island Blvd. Sevierville TN 37862	R	9/4/2023	5:45 PM	A	1	
18	18	814 burden hill Sevierville TN 37862	R	9/4/2023	8:00 AM	A	2	
19	19	116 hazel dr apt 1 Sevierville TN 37862	R	9/6/2023	6:00 AM	A	2	
20	20	1609 Rivergate rd. Sevierville TN 37862	R	9/6/2023	6:00 AM	A	1	
21	21	305 Lynn dny Sevierville TN 37862	R	9/4/2023	9:00 AM	A	2	
22	22	120 hazel dr. Sevierville TN 37862	R	9/6/2023	6:00 AM	A	2	
23	23	211 Maggie Mack In #2 Sevierville TN 37862	R	9/6/2023	6:45 AM	A	2	
24	24	116 hazel drive #3 Sevierville TN 37862	R	9/6/2023	6:00 AM	A	1	
25	25	309 Lynn Dr Sevierville TN 37862	R	9/4/2023	7:00 AM	A	1	
26	26	1640 Jasmine Trail Sevierville TN 37862	R	9/5/2023	6:30 AM	A	1	
27	27	804 burden hill rd Sevierville TN 37862	R	9/4/2023	8:47 AM	A	1	
28	28	1336 old new port hwy sevierville tn 37862	R	9/1/2023	4:00 AM	A	1	
29	29	270 Crossover Rd Sevierville tn 37862	R	9/1/2023	6:20 AM	A	3	
30	30	2169 murphys chapel drive Sevierville TN 37862	R	9/5/2023	6:40 AM	A	2	
Chain of Possession:		signature	time	date				
1								
2								
COCODE								
LC U11 SEV10L - PBCU								