Coleman Creek Consulting, Inc.

DRINKING WATER LEAD SAMPLING

OF

KENO ELEMENTARY SCHOOL

11110 KENO WORDEN ROAD, KENO, OREGON

FOR

KLAMATH COUNTY SCHOOL DISTRICT

INTRODUCTION

Coleman Creek Consulting, Inc. (CCC) was retained by Klamath County School District (KCSD) to perform representative lead drinking water sampling of Keno Elementary School at the above address. The purpose of the lead drinking water sampling was to determine the concentration of lead in representative drinking water sources and compare with regulatory standards. In 2017, Education Service Districts were required to adopt a Healthy and Safe Schools Plan, including provisions for testing and reducing exposure to elevated levels of lead in water used for drinking and food preparation.

LEAD DRINKING WATER SAMPLING REQUIREMENTS

Guidelines for sampling lead in water were established by the Oregon Health Authority. Water sampling is to occur after water sits overnight in the pipes without being used, and must be sampled after a day occupied by students or building occupants. All water sources are to be sampled, with the exception of water used for heating, sanitation, irrigation, and science sinks for grades 6 and up with non-potable water signs. Initial testing is required to be performed by 2020, and every 6 years thereafter, according to a testing schedule determined by the Oregon Department of Education.

SAMPLE LOCATION DETERMINATION/SAMPLE PREP

David W. Fawcett of CCC contacted Mike Mattingly, Head Custodian at Keno Elementary School, and discussed the objectives of the lead drinking water program. Mr. Mattingly reviewed the School buildings for water sources and identified by type on a building floor plan. Mr. Fawcett and Mr. Mattingly discussed the drinking water sources by phone, and Mr. Fawcett created a Site Sample Record Sheet describing each drinking water source by type and location. Mr. Fawcett identified each source by number (1-42), and identified each source number on a floor plan diagram of the school buildings. Mr. Fawcett delivered the following sampling materials to Mr. Mattingly January 15, 2025: Numbered sample containers, Site Sample Record Sheet filled out with Sample Number, Sample Type, and Location. Mr. Mattingly was instructed in proper sampling technique, including sampling prior to water system use by other school occupants, fill sample container immediately from faucet opening, and recording time of water sampling on the Site Sample Record Sheets (pages 3-4).

DRINKING WATER SAMPLING

Mr. Mattingly collected lead drinking water samples from the drinking water sources identified in Keno Elementary School January 16, 2025. See Site Sample Record Sheets (pages 3-4) for a description of the drinking water sources sampled. See Drinking Water Sample Location Diagram in Appendix A for a visual review of all drinking water sample locations. The drinking water samples were collected in the early morning, ensuring that the sample source had not been in use since the previous day. The samples were placed in a cooler. Mr. Fawcett picked up the samples collected by Mr. Mattingly January 16, 2025, and transported to Neilson Research Corporation in Medford, Oregon.

DRINKING WATER LEAD RESULTS AND TESTING SUMMARY SHEETS

The forty-two (42) drinking water samples collected were analyzed for lead using EPA Method 200.8. See Neilson Research Corporation Analytical Report in Appendix B. Drinking Water Testing Summary Sheets (pages 5 and 6) indicate the lead in drinking water concentrations for the forty-two (42) samples collected from Keno Elementary School were reported ranging from <0.5 to 3.25 parts per billion (ppb).

CONCLUSIONS

Forty-two (42) drinking water samples were collected from drinking water sources at Keno Elementary School prior to use that day by building occupants, and after a day the facility was occupied. The lead concentrations reported were all below the 15 ppb lead action level in water.

RECOMMENDATIONS

Coleman Creek Consulting, Inc. recommends continuing the lead drinking water sampling schedule in the future. Coleman Creek Consulting, Inc. appreciates the opportunity to continue to perform environmental sampling and consulting services to Klamath County School District.

David W. Fawcett
Director of Consulting Services

Coleman Creek Consulting, Inc.

DRINKING WATER SITE SAMPLE RECORD SHEET

BUILDING: Keno Elementary School
ADDRESS: 8245 Hwy. 39
Klamath Falls, Oregon

DATE: 01-16-25
SAMPLER: Mike Mattingly

SAMPLE #	SAMPLE TYPE	LOCATION	TIME
24-166G.1	DW	Hall Drinking Fountain at Cafeteria	0617
24-166G.2	DW	Cafeteria Drinking Fountain	0618
24-166G.3	DW	Kitchen Pot Filler Sink Faucet	0621
24-166G.4	DW	Kitchen Dishwash Room Sink Faucet	0623
24-166G.5	DW	Kitchen Prep Sink Faucet	0624
24-166G.6	DW	Kitchen Bath Sink Faucet	0625
24-166G.7	DW	Staff Hall Bath Sink Faucet at Kitchen	0631
24-166G.8	DW	Girl's Hall Bath at Boiler Left Sink Faucet	0632
24-166G.9	DW	Girl's Hall Bath at Boiler Middle Sink Faucet	0633
24-166G.10	DW	Girl's Hall Bath at Boiler Right Sink Faucet	0634
24-166G.11	DW	Boy's Hall Bath at Boiler Left Sink Faucet	0634
24-166G.12	DW	Boy's Hall Bath at Boiler Middle Sink Faucet	0634
24-166G.13	DW	Boy's Hall Bath at Boiler Right Sink Faucet	0635
24-166G.14	DW	Hall Drinking Fountain at Hall Girl's Bath	0636
24-166G.15	DW	Room 2 Sink Faucet	0638
24-166G.16	DW	Room 1 Sink Faucet	0639
24-166G.17	DW	Room 3 Sink Faucet	0640
24-166G.18	DW	Room 4 Sink Faucet	0641
24-166G.19	DW	Health Room Bath Sink Faucet	0643
24-166G.20	DW	Health Room Sink Faucet	0643

Comments: DW = Drinking Water RR = Restroom R = Right L = Left RM = Right Middle
LM = Left Middle M = Middle

Coleman Creek Consulting, Inc.

DRINKING WATER SITE SAMPLE RECORD SHEET

BUILDING: Keno Elementary School
ADDRESS: 8245 Hwy. 39
Klamath Falls, Oregon

DATE: 01-16-25
SAMPLER: Mike Mattingly

SAMPLE #	SAMPLE TYPE	LOCATION	TIME
24-166G.21	DW	Office Staff Room Sink Faucet	0644
24-166G.22	DW	Drinking Fountain at Gym/Office	0645
24-166G.23	DW	Drinking Fountain Bottle Fill at Gym/Office	0645
24-166G.24	DW	Girl's Hall Bath at Office Left Sink Faucet	0646
24-166G.25	DW	Girl's Hall Bath at Office Middle Sink Faucet	0646
24-166G.26	DW	Girl's Hall Bath at Office Right Sink Faucet	0647
24-166G.27	DW	Boy's Hall Bath at Office Left Sink Faucet	0648
24-166G.28	DW	Boy's Hall Bath at Office Middle Sink Faucet	0649
24-166G.29	DW	Boy's Hall Bath at Office Right Sink Faucet	0649
24-166G.30	DW	Room 7 Sink Faucet	0651
24-166G.31	DW	Room 6 Sink Faucet	0652
24-166G.32	DW	Room 8 Sink Faucet	0653
24-166G.33	DW	Room 9 Sink Faucet	0653
24-166G.34	DW	Room 10 Sink Faucet	0655
24-166G.35	DW	Room 11 Sink Faucet	0655
24-166G.36	DW	Hall Drinking Fountain at Room 14	0657
24-166G.37	DW	Room 12 Sink Faucet	0658
24-166G.38	DW	Old Locker Room Bath Sink Faucet at Room 14	0659
24-166G.39	DW	Hall Drinking Fountain at Gym/Old Locker	0700
24-166G.40	DW	Old Locker Room Bath Sink Faucet at Exit Door	0700
24-166G.41	DW	Gym Drinking Fountain	0701
24-166G.42	DW	Kitchen Bath Sink Faucet	0630

Comments: DW = Drinking Water RR = Restroom R = Right L = Left RM = Right Middle
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DRINKING WATER TESTING SUMMARY SHEET

DISTRICT NAME: Klamath County School District
DISTRICT ID#: 467
SCHOOL NAME: Keno Elementary School
BUILDING NAME: Keno Elementary School
BUILDING ID#: 20570700

Sample Number	Fixture Location/ Description	Fixture ID#	Test Date	Test Result (ppb)	# Retest	Final Result (ppb)
25-166G.1	Hall Fountain at Cafeteria	20570700-001DW	01-16-25	<0.5		<0.5
25-166G.2	Cafeteria Fountain	20570700-002DW	01-16-25	1.15		1.15
25-166G.3	Kitchen Pot Filler Sink	20570700-003KF	01-16-25	1.46		1.46
25-166G.4	Kitchen Dishwash Room Sink	20570700-004KF	01-16-25	0.735		0.735
25-166G.5	Kitchen Prep Sink	20570700-005KF	01-16-25	<0.5		<0.5
25-166G.6	Kitchen Bath Sink	20570700-006KF	01-16-25	<0.5		<0.5
25-166G.7	Staff Hall Bath Sink at Kitchen	20570700-007BF	01-16-25	0.523		0.523
25-166G.8	Girl's Hall Bath at Boiler Left Sink	20570700-008BF	01-16-25	<0.5		<0.5
25-166G.9	Girl's Hall Bath at Boiler Middle Sink	20570700-009BF	01-16-25	0.596		0.596
25-166G.10	Girl's Hall Bath at Boiler Right Sink	20570700-010BF	01-16-25	<0.5		<0.5
25-166G.11	Boy's Hall Bath at Boiler Left Sink	20570700-011BF	01-16-25	<0.5		<0.5
25-166G.12	Boy's Hall Bath at Boiler Middle Sink	20570700-012BF	01-16-25	0.56		0.56
25-166G.13	Boy's Hall Bath at Boiler Right Sink	20570700-013BF	01-16-25	3.25		3.25
25-166G.14	Hall Fountain at Hall Girl's Bath	20570700-014DW	01-16-25	<0.5		<0.5
25-166G.15	Room 2 Sink	20570700-015CF	01-16-25	0.612		0.612
25-166G.16	Room 1 Sink	20570700-016CF	01-16-25	<0.5		<0.5
25-166G.17	Room 3 Sink	20570700-017CF	01-16-25	1.44		1.44
25-166G.18	Room 4 Sink	20570700-018CF	01-16-25	0.652		0.652
25-166G.19	Health Room Bath Sink	20570700-019BF	01-16-25	0.779		0.779
25-166G.20	Health Room Sink	20570700-020SF	01-16-25	<0.5		<0.5
25-166G.21	Office Staff Room Sink	20570700-021SF	01-16-25	<0.5		<0.5

Fixture ID Coding: **Bold Indicates Test Result >15 ppb**

DW = Drinking Water Fountain WC = Water Cooler WB = Water Bottle Filler
CF = Classroom Faucet BF = Bathroom Faucet SF = Staff/Office Faucet
KF = Kitchen/Food Prep OS = Outside Spigot OT = Other (Specify)

DRINKING WATER TESTING SUMMARY SHEET

DISTRICT NAME: Klamath County School District
DISTRICT ID#: 467
SCHOOL NAME: Keno Elementary School
BUILDING NAME: Keno Elementary School
BUILDING ID#: 20570700

Sample Number	Fixture Location/ Description	Fixture ID#	Test Date	Test Result (ppb)	# Retest	Final Result (ppb)
25-166G.22	Fountain at Gym/Office	20570700-022DW	01-16-25	<0.5		<0.5
25-166G.23	Bottle Fill at Gym/Office	20570700-023WB	01-16-25	<0.5		<0.5
25-166G.24	Girl's Hall Bath at Office Left Sink	20570700-024BF	01-16-25	<0.5		<0.5
25-166G.25	Girl's Hall Bath at Office Middle Sink	20570700-025BF	01-16-25	<0.5		<0.5
25-166G.26	Girl's Hall Bath at Office Right Sink	20570700-026BF	01-16-25	<0.5		<0.5
25-166G.27	Boy's Hall Bath at Office Left Sink	20570700-027BF	01-16-25	<0.5		<0.5
25-166G.28	Boy's Hall Bath at Office Mid. Sink	20570700-028BF	01-16-25	<0.5		<0.5
25-166G.29	Boy's Hall Bath at Office Right Sink	20570700-029BF	01-16-25	<0.5		<0.5
25-166G.30	Room 7 Sink	20570700-030CF	01-16-25	0.903		0.903
25-166G.31	Room 6 Sink	20570700-031CF	01-16-25	<0.5		<0.5
25-166G.32	Room 8 Sink	20570700-032CF	01-16-25	<0.5		<0.5
25-166G.33	Room 9 Sink	20570700-033CF	01-16-25	1.6		1.6
25-166G.34	Room 10 Sink	20570700-034CF	01-16-25	3.09		3.09
25-166G.35	Room 11 Sink	20570700-035CF	01-16-25	<0.5		<0.5
25-166G.36	Hall Fountain at Room 14	20570700-036DW	01-16-25	<0.5		<0.5
25-166G.37	Room 12 Sink	20570700-037CF	01-16-25	0.626		0.626
25-166G.38	Old Locker Bath Sink at Room 14	20570700-038BF	01-16-25	<0.5		<0.5
25-166G.39	Hall Fountain at Gym/Old Locker	20570700-039DW	01-16-25	<0.5		<0.5
25-166G.40	Old Locker Bath Sink at Exit Door	20570700-040BF	01-16-25	0.765		0.765
25-166G.41	Gym Fountain	20570700-041DW	01-16-25	<0.5		<0.5
25-166G.42	Kitchen Bath Sink	20570700-042BF	01-16-25	2.78		2.78

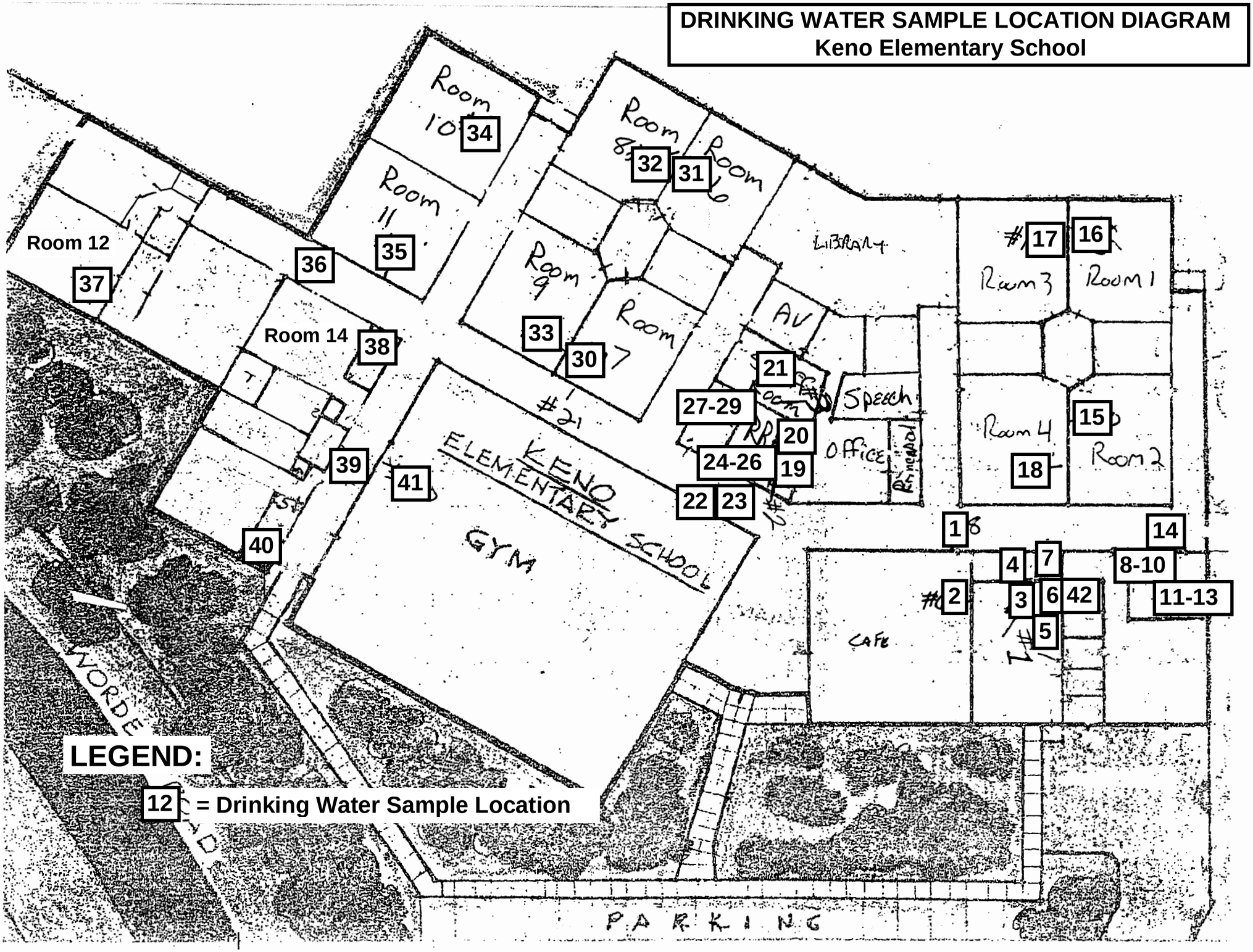
Fixture ID Coding: **Bold Indicates Test Result >15 ppb**

DW = Drinking Water Fountain WC = Water Cooler WB = Water Bottle Filler
CF = Classroom Faucet BF = Bathroom Faucet SF = Staff/Office Faucet
KF = Kitchen/Food Prep OS = Outside Spigot OT = Other (Specify)

APPENDIX A

DRINKING WATER SAMPLE LOCATION DIAGRAM

DRINKING WATER SAMPLE LOCATION DIAGRAM
Keno Elementary School



APPENDIX B

NEILSON RESEARCH CORPORATION
ANALYTICAL REPORT

Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

January 27, 2025

Dave Fawcett
Coleman Creek Consulting
810 Leonard St
Ashland, OR 97520
TEL: (541) 535-7108
FAX (541) 535-8795

RE: 24-166G Keno ES Order No.: 25010662

Dear Dave Fawcett:

Neilson Research Corporation received 42 sample(s) on 1/16/2025 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Tamra Schmedemann
Senior Project Manager
245 S Grape St
Medford, OR 97501

Original

Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Case Narrative

WO#: **25010662**
Date: **1/27/2025**

CLIENT: Coleman Creek Consulting
Project: 24-166G Keno ES

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

Original

NEILSON RESEARCH CORPORATION

Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Analytical Report

WO#: **25010662**
Date Reported: **1/27/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-01** Client Sample ID: 24-166G.1
Collection Date: 1/16/2025 6:17:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Hall DF at Cafeteria

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-02** Client Sample ID: 24-166G.2
Collection Date: 1/16/2025 6:18:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Cafeteria DF

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.15		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-03** Client Sample ID: 24-166G.3
Collection Date: 1/16/2025 6:21:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Kitchen Pot Filler Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.46		0.500	ppb	1	1/20/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

NELAP

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

Original

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Analytical Report

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810 Leonard St
Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-04** Client Sample ID: 24-166G.4
Collection Date: 1/16/2025 6:23:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Kitchen Dishwash Rm Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.735		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-05** Client Sample ID: 24-166G.5
Collection Date: 1/16/2025 6:24:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Kitchen Prep Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-06** Client Sample ID: 24-166G.6
Collection Date: 1/16/2025 6:25:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Kitchen RR Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

NELAP

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

Original

NEILSON RESEARCH CORPORATION

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Analytical Report

WO#: **25010662**
Date Reported: **1/27/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-07** Client Sample ID: 24-166G.7
Collection Date: 1/16/2025 6:31:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Staff Hall Bath Sink at Kitchen

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.523		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-08** Client Sample ID: 24-166G.8
Collection Date: 1/16/2025 6:32:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Girl's Hall RR at Boiler L Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-09** Client Sample ID: 24-166G.9
Collection Date: 1/16/2025 6:33:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Girl's Hall RR at Boiler M Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.596		0.500	ppb	1	1/20/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

NELAP

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Analytical Report

WO#: **25010662**
Date Reported: **1/27/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-10** Client Sample ID: 24-166G.10
Collection Date: 1/16/2025 6:34:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Girl's Hall RR at Boiler R Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-11** Client Sample ID: 24-166G.11
Collection Date: 1/16/2025 6:34:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Boy's Hall RR at Boiler L Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-12** Client Sample ID: 24-166G.12
Collection Date: 1/16/2025 6:34:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Boy's Hall RR at Boiler M Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.560		0.500	ppb	1	1/20/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

NELAP

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

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Analytical Report

WO#: **25010662**
Date Reported: **1/27/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-13** Client Sample ID: 24-166G.13
Collection Date: 1/16/2025 6:35:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Boy's Hall RR at Boiler R Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.25		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-14** Client Sample ID: 24-166G.14
Collection Date: 1/16/2025 6:36:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Hall DF at Hall Girl's RR

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-15** Client Sample ID: 24-166G.15
Collection Date: 1/16/2025 6:38:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 2 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.612		0.500	ppb	1	1/20/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Original

NEILSON RESEARCH CORPORATION

Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Analytical Report

WO#: **25010662**
Date Reported: **1/27/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-16** Client Sample ID: 24-166G.16
Collection Date: 1/16/2025 6:39:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 1 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-17** Client Sample ID: 24-166G.17
Collection Date: 1/16/2025 6:40:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 3 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.44		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-18** Client Sample ID: 24-166G.18
Collection Date: 1/16/2025 6:41:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 4 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.652		0.500	ppb	1	1/20/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Date Reported: **1/27/2025**

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810 Leonard St
Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-19** Client Sample ID: 24-166G.19
Collection Date: 1/16/2025 6:43:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Health Rm RR Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.779		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-20** Client Sample ID: 24-166G.20
Collection Date: 1/16/2025 6:43:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Health Rm Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-21** Client Sample ID: 24-166G.21
Collection Date: 1/16/2025 6:44:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Office Staff Rm Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-22** Client Sample ID: 24-166G.22
Collection Date: 1/16/2025 6:45:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: DF at Gym/Office

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-23** Client Sample ID: 24-166G.23
Collection Date: 1/16/2025 6:45:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: DF Bottle Filler at Gym/Office

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-24** Client Sample ID: 24-166G.24
Collection Date: 1/16/2025 6:46:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Girl's Hall RR at Office L Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Analytical Report

WO#: **25010662**
Date Reported: **1/27/2025**

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810 Leonard St
Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-25** Client Sample ID: 24-166G.25
Collection Date: 1/16/2025 6:46:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Girl's Hall RR at Office M Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-26** Client Sample ID: 24-166G.26
Collection Date: 1/16/2025 6:47:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Girl's Hall RR at Office R Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010662-27** Client Sample ID: 24-166G.27
Collection Date: 1/16/2025 6:48:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Boy's Hall RR at Office L Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/22/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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TEL: (541) 770-5678 FAX: (541) 770-2901
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Analytical Report

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Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-28** Client Sample ID: 24-166G.28
Collection Date: 1/16/2025 6:49:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Boy's Hall RR at Office M Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/22/2025	15.0	A

Lab ID: **25010662-29** Client Sample ID: 24-166G.29
Collection Date: 1/16/2025 6:49:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Boy's Hall RR at Office R Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/22/2025	15.0	A

Lab ID: **25010662-30** Client Sample ID: 24-166G.30
Collection Date: 1/16/2025 6:51:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 7 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.903		0.500	ppb	1	1/22/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-31** Client Sample ID: 24-166G.31
Collection Date: 1/16/2025 6:52:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 6 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/22/2025	15.0	A

Lab ID: **25010662-32** Client Sample ID: 24-166G.32
Collection Date: 1/16/2025 6:53:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 8 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/22/2025	15.0	A

Lab ID: **25010662-33** Client Sample ID: 24-166G.33
Collection Date: 1/16/2025 6:53:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 9 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.60		0.500	ppb	1	1/22/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Analytical Report

WO#: **25010662**
Date Reported: **1/27/2025**

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810 Leonard St
Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-34** Client Sample ID: 24-166G.34
Collection Date: 1/16/2025 6:55:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 10 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.09		0.500	ppb	1	1/22/2025	15.0	A

Lab ID: **25010662-35** Client Sample ID: 24-166G.35
Collection Date: 1/16/2025 6:55:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 11 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/22/2025	15.0	A

Lab ID: **25010662-36** Client Sample ID: 24-166G.36
Collection Date: 1/16/2025 6:57:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Hall DF at Rm 14

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/22/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-37** Client Sample ID: 24-166G.37
Collection Date: 1/16/2025 6:58:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Rm 12 Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.626		0.500	ppb	1	1/22/2025	15.0	A

Lab ID: **25010662-38** Client Sample ID: 24-166G.38
Collection Date: 1/16/2025 6:59:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Old Locker Rm RR Sink at Rm 14

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/22/2025	15.0	A

Lab ID: **25010662-39** Client Sample ID: 24-166G.39
Collection Date: 1/16/2025 7:00:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Hall DF at Gym/Old Locker

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/22/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Date Reported: **1/27/2025**

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Ashland , OR 97520

Lab Order: 25010662
Received Date: 1/16/2025 2:19:00 PM
Reported Date: 1/27/2025 3:38:42 PM

Sample Information:

Lab ID: **25010662-40** Client Sample ID: 24-166G.40
Collection Date: 1/16/2025 7:00:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Old Locker Rm RR Sink at Exit Door

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.765		0.500	ppb	1	1/22/2025	15.0	A

Lab ID: **25010662-41** Client Sample ID: 24-166G.41
Collection Date: 1/16/2025 7:01:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Gym DF

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/22/2025	15.0	A

Lab ID: **25010662-42** Client Sample ID: 24-166G.42
Collection Date: 1/16/2025 6:30:00 AM Collected By: Mike Mattingly
Matrix: Drinking Water Sample Location: Kitchen RR Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; KN

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.78		0.500	ppb	1	1/22/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **25010662**

28-Jan-25

Client: Coleman Creek Consulting
Project: 24-166G Keno ES

TestCode: **LEAD_DW**

Sample ID:	**MB-29947**	SampType:	**MBLK**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/20/2025**	RunNo:	**55617**
Client ID:	**PBW**	Batch ID:	**29947**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/20/2025**	SeqNo:	**919159**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.500									

Sample ID:	**LCS-29947**	SampType:	**LCS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/20/2025**	RunNo:	**55617**
Client ID:	**LCSW**	Batch ID:	**29947**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/20/2025**	SeqNo:	**919160**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	102	0.500	100	0	102	85	115				

Sample ID:	**25010679-01AMS**	SampType:	**MS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/20/2025**	RunNo:	**55617**
Client ID:	**BatchQC**	Batch ID:	**29947**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/20/2025**	SeqNo:	**919162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	98.6	0.500	100	0.608	98.0	70	130				

Sample ID:	**25010679-01AMSD**	SampType:	**MSD**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/20/2025**	RunNo:	**55617**
Client ID:	**BatchQC**	Batch ID:	**29947**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/20/2025**	SeqNo:	**919163**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	98.7	0.500	100	0.608	98.1	70	130	98.6	0.111	20	

Qualifiers:

C1	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceeded	MI	Recovery outside comtrol limits due to Matrix In
ND	Not Detected at the Reporting Limit	PL	Permit Limit	RL	Reporting Detection Limit

Original

NEILSON RESEARCH CORPORATION

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Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
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QC SUMMARY REPORT

WO#: **25010662**

28-Jan-25

Client: Coleman Creek Consulting
Project: 24-166G Keno ES

TestCode: **LEAD_DW**

Sample ID:	**MB-29943**	SampType:	**MBLK**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/20/2025**	RunNo:	**55617**
Client ID:	**PBW**	Batch ID:	**29943**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/20/2025**	SeqNo:	**919196**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.500									

Sample ID:	**LCS-29943**	SampType:	**LCS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/20/2025**	RunNo:	**55617**
Client ID:	**LCSW**	Batch ID:	**29943**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/20/2025**	SeqNo:	**919197**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	103	0.500	100	0	103	85	115				

Sample ID:	**25010662-01AMS**	SampType:	**MS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/20/2025**	RunNo:	**55617**
Client ID:	**24-166G.1**	Batch ID:	**29943**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/20/2025**	SeqNo:	**919199**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	101	0.500	100	0.168	100	70	130				

Sample ID:	**25010662-01AMSD**	SampType:	**MSD**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/20/2025**	RunNo:	**55617**
Client ID:	**24-166G.1**	Batch ID:	**29943**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/20/2025**	SeqNo:	**919200**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	99.5	0.500	100	0.168	99.3	70	130	101	1.05	20	

Qualifiers:

C1	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceeded	MI	Recovery outside comtrol limits due to Matrix In
ND	Not Detected at the Reporting Limit	PL	Permit Limit	RL	Reporting Detection Limit

Original

NEILSON RESEARCH CORPORATION

Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: **25010662**

28-Jan-25

Client: Coleman Creek Consulting
Project: 24-166G Keno ES

TestCode: **LEAD_DW**

Sample ID:	**MB-29956**	SampType:	**MBLK**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/21/2025**	RunNo:	**55669**
Client ID:	**PBW**	Batch ID:	**29956**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/22/2025**	SeqNo:	**920096**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.500									

Sample ID:	**LCS-29956**	SampType:	**LCS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/21/2025**	RunNo:	**55669**
Client ID:	**LCSW**	Batch ID:	**29956**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/22/2025**	SeqNo:	**920097**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	103	0.500	100	0	103	85	115				

Sample ID:	**25010662-27AMS**	SampType:	**MS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/21/2025**	RunNo:	**55669**
Client ID:	**24-166G.27**	Batch ID:	**29956**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/22/2025**	SeqNo:	**920099**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	97.7	0.500	100	0.188	97.5	70	130				

Sample ID:	**25010662-27AMSD**	SampType:	**MSD**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/21/2025**	RunNo:	**55669**
Client ID:	**24-166G.27**	Batch ID:	**29956**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/22/2025**	SeqNo:	**920100**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	99.1	0.500	100	0.188	98.9	70	130	97.7	1.49	20	

Qualifiers:

C1	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceeded	MI	Recovery outside comtrol limits due to Matrix In
ND	Not Detected at the Reporting Limit	PL	Permit Limit	RL	Reporting Detection Limit

Original

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Website: www.nrclabs.com

Sample Log-In Check List

Client Name: **ColemanCreek** Work Order Number: **25010662** RcptNo: **1**

Logged by:	**Ashley Spiegelberg**	**1/16/2025 2:19:00 PM**	
Completed By:	**Jordan Diemer**	**1/27/2025 3:19:06 PM**	
Reviewed By:	**Jordan Diemer**	**1/27/2025 3:19:10 PM**	

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes ☐ No ☐ NA ☑
4. Shipping container/cooler in good condition? Yes ☑ No ☐
   Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☑ NA ☐
   No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☑
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☐ NA ☑
7. Sample(s) in proper container(s)? Yes ☑ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
10. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☑
12. Were any sample containers received broken? Yes ☐ No ☑
13. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
15. Is it clear what analyses were requested? Yes ☑ No ☐
16. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

NEILSON RESEARCH CORPORATION

Chain of Custody Record

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

Section A Required Client Information

Company:	Coleman Creek Consulting
Address:	810 Leonard St
	Ashland, OR 97520
Email:	fawbro@ccountry.net
Phone:	Fax:
Collected By (Print):	Mike Mattingly
Collected By (Sign):	
Email Report ___ Mail Report ___ Fax Report ___	

Section B Required Project Information

Project Name:	Keno ES
Project Number:	24-166G
Report To:	Dave Fawcett
Copy To:	

Section C Invoice Information

Attention:	
Company Name:	
Address:	
P.O. #	

Section D Rush Status (Subject to Scheduling)

- X Standard: 10 Business Days
- ___ Priority: 5 Business Days (List × 1.50)
- ___ Express: 3 Business Days (List × 1.75)
- ___ Rush: 2 Business Days (List × 2.00)
- ___ Rush: 1 Business Day (List × 2.50)
- ___ Rush: Same Day (List × 3.00)

Authorized ___ Yes ___ No

Section E Sample Information

NRC Workorder # (Lab Use Only): 25010662

Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers		Pb Total								Remarks / Field Data	NRC Sample # (Lab Use Only)
24-166G.1-42	Grab	DW	1-16-25	See Below	42		X									01-42

Analysis Requested

*Matrix: **DW** - Drinking Water **WW** - Wastewater **W** - Water **S** - Soil/Solid **SL** - Sludge **O** - Oil **WP** - Wipe **OT** - Other

Section F Relinquish/Receive

	Sign	Print	Date	Time
Relinquished By:		David Fawcett	~~1-16-25~~ Ev AS 1/16	1419
Received By:			1/16/25	
Relinquished By:				
Received By:				
Relinquished By:				
Received By Laboratory:		Ashley Siegelberg	1/16/25	1419

Sample times on attached sample record sheets

Section G Lab Use Only

Temp: Amb	IR Therm ID: NA
≤6°C: ___ Yes ___ No	
Received on Ice: ___ Yes ___ (No)	
Number of Bottles Received:	
pH Checked: —	
COC Seals Intact: ___ Yes ___ No ___ NA	
Field Blank Included: ___ Yes ___ (No)	
Received Via ___ UPS ___ FedEX ___ Other ___ Hand	

Payment: ___ (Invoice) ___ Cash ___ VISA, M/C ___ Check # _____ Amount _____

Effective 10/5/2020