Coleman Creek Consulting, Inc.

DRINKING WATER LEAD SAMPLING

OF

MALIN ELEMENTARY SCHOOL

2153 3RD STREET, MALIN, 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 Malin 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 Willie Cox, Head Custodian at Malin Elementary School, and discussed the objectives of the lead drinking water program. Mr. Cox reviewed the School buildings for water sources and identified by type on a building floor plan. Mr. Fawcett and Mr. Cox 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 (1-38), and identified each source number on a floor plan diagram of the school building. Mr. Fawcett delivered the following sampling materials to Mr. Idrogo January 15, 2025: Numbered sample containers, Site Sample Record Sheet filled out with Sample Number, Sample Type, and Location. Mr. Idrogo 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 Sheet (page 3).

DRINKING WATER SAMPLING

Mr. Idrogo collected lead drinking water samples from the drinking water sources identified in Malin Elementary School January 16, 2025. Proposed drinking water sample locations at Samples #4, #24, and #35 were determined to be non-functional or non-existent at the time of sampling, and account for the missing sample numbers on both the Site Sample Record Sheet and Sample Location Diagram. See Site Sample Record Sheets (pages 3 and 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. Cox January 16, 2025, and transported to Neilson Research Corporation in Medford, Oregon.

DRINKING WATER LEAD RESULTS AND TESTING SUMMARY SHEETS

The thirty-five (35) 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 Sheet (pages 5 and 6) indicate the lead in drinking water concentrations for the thirty-five (35) samples collected from Malin Elementary School were reported ranging from <0.5 to 14.7 parts per billion (ppb), except Sample #20 collected from hall fountain at Gym/Stage reported with 48.1 ppb lead.

RESPONSE

The little used hall fountain at Gym/Stage was removed from service and permanently deleted.

CONCLUSIONS

Thirty-five (35) drinking water samples were collected from drinking water sources at Malin 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, with the exception of the hall fountain at Gym/Stage reported with 48.1 ppm lead. The hall fountain at Gym/Stage has been deleted and permanently discontinued from use.

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: Malin Elementary School
ADDRESS: 2153 3rd Street
Malin, Oregon

DATE: 01-16-25
SAMPLER: Willie Cox

SAMPLE #	SAMPLE TYPE	LOCATION	TIME
24-161G.1	DW	Room #19 Drinking Fountain	0652
24-161G.2	DW	Room #19 Sink Faucet	0652
24-161G.3	DW	Room #20 Sink Faucet	0650
24-161G.5	DW	Front Hall Drinking Fountain Bottle Filler	0702
24-161G.6	DW	Front Hall Drinking Fountain	0703
24-161G.7	DW	Boy's Hall Restroom at Room #20, Right Sink	0705
24-161G.8	DW	Boy's Hall Restroom at Room #20, Left Sink	0705
24-161G.9	DW	Girl's Hall Restroom at Room #20, Right Sink	0704
24-161G.10	DW	Girl's Hall Restroom at Room #20, Left Sink	0704
24-161G.11	DW	Hall Staff Restroom Sink Faucet	0707
24-161G.12	DW	Kitchen Wash System Sink Faucet	0709
24-161G.13	DW	Kitchen Handwash Sink Faucet	0710
24-161G.14	DW	Kitchen Vegetable Sink Faucet	0711
24-161G.15	DW	Kitchen Dish Sink Faucet	0712
24-161G.16	DW	Kitchen Restroom Sink Faucet	0713
24-161G.17	DW	Sick Room Sink Faucet	0714
24-161G.18	DW	Staff Restroom Sink Faucet	0714
24-161G.19	DW	Staff Room Sink Faucet	0715
24-161G.20	DW	Hall at Gym/Stage, Water Fountain	0716

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

Proposed drinking water source at sample #4 determined to be non-functioning.

Coleman Creek Consulting, Inc.

DRINKING WATER SITE SAMPLE RECORD SHEET

BUILDING: Malin Elementary School
ADDRESS: 2153 3rd Street
Malin, Oregon

DATE: 01-16-25
SAMPLER: Willie Cox

SAMPLE #	SAMPLE TYPE	LOCATION	TIME
24-161G.21	DW	Room #26 Left Sink Faucet	0732
24-161G.22	DW	Room #26 Right Sink Faucet	0732
24-161G.23	DW	Old Locker Room Left Sink Faucet	0901
24-161G.25	DW	Old Locker Room Right Sink Faucet	0902
24-161G.26	DW	Room #9 Sink Faucet	0738
24-161G.27	DW	Boy's Restroom at Room 9 Sink Faucet	0742
24-161G.28	DW	Girl's Restroom at Room 3 Sink Faucet	0742
24-161G.29	DW	Room #3 Drinking Fountain	0744
24-161G.30	DW	Room #3 Sink Faucet	0744
24-161G.31	DW	Room #11 Drinking Fountain	0740
24-161G.32	DW	Room #11 Sink Faucet	0740
24-161G.33	DW	Room #13 Drinking Fountain	0736
24-161G.34	DW	Room #13 Sink Faucet	0736
24-161G.36	DW	Room #17 Sink Faucet	0756
24-161G.37	DW	Room #15 Drinking Fountain	0754
24-161G.38	DW	Room #15 Sink Faucet	0754

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

Proposed sample locations at Sample #24 and #35 determined to be not present or non-functional.

DRINKING WATER TESTING SUMMARY SHEET

DISTRICT NAME: Klamath County School District
DISTRICT ID#: 467
SCHOOL NAME: Malin Elementary School
BUILDING NAME: Malin Elementary School
BUILDING ID#: 20570800

Sample Number	Fixture Location/ Description	Fixture ID#	Test Date	Test Result (ppb)	# Retest	Final Result (ppb)
25-161G.1	Room 19 Fountain	20570800-001DW	01-16-25	5.78		5.78
25-161G.2	Room #19 Sink	20570800-002CF	01-16-25	11.4		11.4
25-161G.3	Room #20 Sink	20570800-003CF	01-16-25	2.17		2.17
25-161G.5	Front Hall Bottle Filler	20570800-005BF	01-16-25	<0.5		<0.5
25-161G.6	Front Hall Fountain	20570800-006DW	01-16-25	<0.5		<0.5
25-161G.7	Boy's Bath at Room #20, Right Sink	20570800-007BF	01-16-25	2.28		2.28
25-161G.8	Boy's Bath at Room #20, Left Sink	20570800-008BF	01-16-25	0.964		0.964
25-161G.9	Girl's Bath at Room #20, Right Sink	20570800-009BF	01-16-25	2.28		2.28
25-161G.10	Girl's Bath at Room #20, Left Sink	20570800-010BF	01-16-25	3.17		3.17
25-161G.11	Hall Staff Restroom Sink	20570800-011BF	01-16-25	0.685		0.685
25-161G.12	Kitchen Wash System Sink	20570800-012KF	01-16-25	2.56		2.56
25-161G.13	Kitchen Handwash Sink	20570800-013KF	01-16-25	3.01		3.01
25-161G.14	Kitchen Vegetable Sink	20570800-014KF	01-16-25	1.61		1.61
25-161G.15	Kitchen Dish Sink	20570800-015KF	01-16-25	7.44		7.44
25-161G.16	Kitchen Restroom Sink	20570800-016KF	01-16-25	4.27		4.27
25-161G.17	Sick Room Sink	20570800-017SF	01-16-25	2.24		2.24
25-161G.18	Staff Restroom Sink	20570800-018BF	01-16-25	1.11		1.11
25-161G.19	Staff Room Sink	20570800-019SF	01-16-25	1.33		1.33
25-161G.20	Hall at Gym/Stage, Fountain	20570800-020DW	01-16-25	**48.1**	**Faucet**	**Deleted**
25-161G.21	Room #26 Left Sink	20570800-021CF	01-16-25	11.9		11.9
25-161G.22	Room #26 Right Sink	20570800-022CF	01-16-25	11.7		11.7
25-161G.23	Old Locker Room Left Sink	20570800-023BF	01-16-25	7.07		7.07
25-161G.25	Old Locker Room Right Sink	20570800-025BF	01-16-25	13.1		13.1
25-161G.26	Room #9 Sink	20570800-026CF	01-16-25	14.7		14.7
25-161G.27	Boy's Restroom at Room 9 Sink	20570800-027BF	01-16-25	2.33		2.33

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: Malin Elementary School
BUILDING NAME: Malin Elementary School
BUILDING ID#: 20570800

Sample Number	Fixture Location/ Description	Fixture ID#	Test Date	Test Result (ppb)	# Retest	Final Result (ppb)
25-161G.28	Girl's Bath at Room 3 Sink	20570800-028BF	01-16-25	1.4		1.4
25-161G.29	Room #3 Fountain	20570800-029DW	01-16-25	10.9		10.9
25-161G.30	Room #3 Sink	20570800-030CF	01-16-25	5		5
25-161G.31	Room #11 Fountain	20570800-031DW	01-16-25	5.12		5.12
25-161G.32	Room #11 Sink	20570800-032CF	01-16-25	7.39		7.39
25-161G.33	Room #13 Fountain	20570800-033DW	01-16-25	5.46		5.46
25-161G.34	Room #13 Sink	20570800-034CF	01-16-25	3.07		3.07
25-161G.36	Room #17 Sink	20570800-036CF	01-16-25	5.64		5.64
25-161G.37	Room #15 Fountain	20570800-037DW	01-16-25	3.25		3.25
25-161G.38	Room #15 Sink	20570800-038CF	01-16-25	2.68		2.68

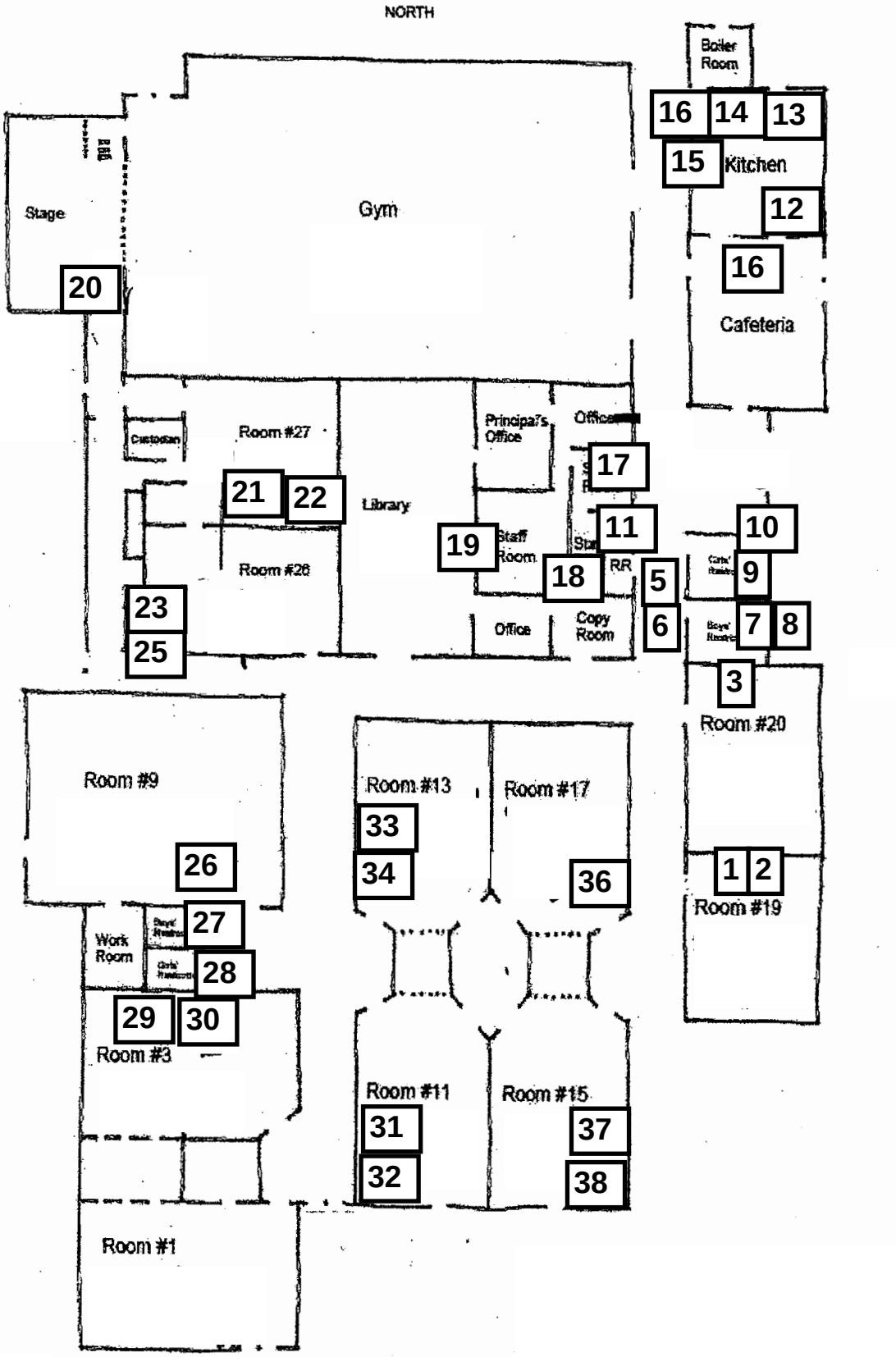
Fixture ID Coding: **Bold Indicates Test Result >15 ppb**

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
Malin Elementary School



LEGEND:

12 = Drinking Water Sample Location

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 28, 2025

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

RE: 24-161G Malin ES Order No.: 25010668

Dear Dave Fawcett:

Neilson Research Corporation received 35 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#: **25010668**
Date: **1/28/2025**

CLIENT: Coleman Creek Consulting
Project: 24-161G Malin 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#: **25010668**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-01** Client Sample ID: 24-161G.1
Collection Date: 1/16/2025 6:52:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #19 DF

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.78		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-02** Client Sample ID: 24-161G.2
Collection Date: 1/16/2025 6:52:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #19 Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	11.4		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-03** Client Sample ID: 24-161G.3
Collection Date: 1/16/2025 6:50:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #20 Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.17		0.500	ppb	1	1/17/2025	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

Results are out of the EPA limits

NEILSON RESEARCH CORPORATION

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Medford, OR 97501
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Analytical Report

WO#: **25010668**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-04** Client Sample ID: 24-161G.5
Collection Date: 1/16/2025 7:02:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Front Hall DF Bottle Filler

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-05** Client Sample ID: 24-161G.6
Collection Date: 1/16/2025 7:03:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Front Hall DF

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-06** Client Sample ID: 24-161G.7
Collection Date: 1/16/2025 7:05:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Boy's Hall RR at Rm 20 R Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.28		0.500	ppb	1	1/17/2025	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

Results are out of the EPA limits

NEILSON RESEARCH CORPORATION

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245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
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Analytical Report

WO#: **25010668**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-07** Client Sample ID: 24-161G.8
Collection Date: 1/16/2025 7:04:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Boy's Hall RR at Rm 20 L Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.964		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-08** Client Sample ID: 24-161G.9
Collection Date: 1/16/2025 7:04:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Girl's Hall RR at Rm 20 R Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.28		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-09** Client Sample ID: 24-161G.10
Collection Date: 1/16/2025 7:04:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Girl's Hall RR at Rm 20 L Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.17		0.500	ppb	1	1/17/2025	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

Results are out of the EPA limits

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Analytical Report

WO#: **25010668**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-10** Client Sample ID: 24-161G.11
Collection Date: 1/16/2025 7:07:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Hall Staff RR Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.685		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-11** Client Sample ID: 24-161G.12
Collection Date: 1/16/2025 7:09:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Kitchen Wash System Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.56		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-12** Client Sample ID: 24-161G.13
Collection Date: 1/16/2025 7:10:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Kitchen Handwash Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.01		0.500	ppb	1	1/17/2025	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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Original

Results are out of the EPA limits

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Analytical Report

WO#: **25010668**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-13** Client Sample ID: 24-161G.14
Collection Date: 1/16/2025 7:11:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Kitchen Vegetable Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.61		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-14** Client Sample ID: 24-161G.15
Collection Date: 1/16/2025 7:12:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Kitchen Dish Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	7.44		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-15** Client Sample ID: 24-161G.16
Collection Date: 1/16/2025 7:13:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Kitchen RR Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.27		0.500	ppb	1	1/17/2025	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

Results are out of the EPA limits

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#: **25010668**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-16** Client Sample ID: 24-161G.17
Collection Date: 1/16/2025 7:14:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Sick Room Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.24		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-17** Client Sample ID: 24-161G.18
Collection Date: 1/16/2025 7:14:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Staff RR Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.11		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-18** Client Sample ID: 24-161G.19
Collection Date: 1/16/2025 7:15:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Staff Rm Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.33		0.500	ppb	1	1/17/2025	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

Results are out of the EPA limits

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Analytical Report

WO#: **25010668**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-19** Client Sample ID: 24-161G.20
Collection Date: 1/16/2025 7:16:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Hall at Gym/Stage Water Ftn

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	48.1	*	0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-20** Client Sample ID: 24-161G.21
Collection Date: 1/16/2025 7:32:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #26 Drinking Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	11.9		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010668-21** Client Sample ID: 24-161G.22
Collection Date: 1/16/2025 7:32:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #26 Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	11.7		0.500	ppb	1	1/20/2025	15.0	A

QUALIFIERS

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

NELAP

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Analytical Report

WO#: **25010668**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-22** Client Sample ID: 24-161G.23
Collection Date: 1/16/2025 9:01:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Old Locker Rm L Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	7.07		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010668-23** Client Sample ID: 24-161G.25
Collection Date: 1/16/2025 9:02:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Old Locker Rm R Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	13.1		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010668-24** Client Sample ID: 24-161G.26
Collection Date: 1/16/2025 7:38:00 AM Collected By: Willie Cox
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	14.7		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#: **25010668**
Date Reported: **1/28/2025**

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810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-25** Client Sample ID: 24-161G.27
Collection Date: 1/16/2025 7:42:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Boy's RR at 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	2.33		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010668-26** Client Sample ID: 24-161G.28
Collection Date: 1/16/2025 7:42:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Girl's RR at 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	1.40		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010668-27** Client Sample ID: 24-161G.29
Collection Date: 1/16/2025 7:44:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #3 DF

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	10.9		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#: **25010668**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-28** Client Sample ID: 24-161G.30
Collection Date: 1/16/2025 7:44:00 AM Collected By: Willie Cox
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	5.00		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010668-29** Client Sample ID: 24-161G.31
Collection Date: 1/16/2025 7:40:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #11 DF

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.12		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010668-30** Client Sample ID: 24-161G.32
Collection Date: 1/16/2025 7:40:00 AM Collected By: Willie Cox
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	7.39		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

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Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-31** Client Sample ID: 24-161G.33
Collection Date: 1/16/2025 7:36:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #13 DF

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.46		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010668-32** Client Sample ID: 24-161G.34
Collection Date: 1/16/2025 7:36:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #13 Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.07		0.500	ppb	1	1/20/2025	15.0	A

Lab ID: **25010668-33** Client Sample ID: 24-161G.36
Collection Date: 1/16/2025 7:56:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #17 Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.64		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#: **25010668**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010668
Received Date: 1/16/2025 2:36:00 PM
Reported Date: 1/28/2025 11:04:15 AM

Sample Information:

Lab ID: **25010668-34** Client Sample ID: 24-161G.37
Collection Date: 1/16/2025 7:54:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #15 DF

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: **25010668-35** Client Sample ID: 24-161G.38
Collection Date: 1/16/2025 7:54:00 AM Collected By: Willie Cox
Matrix: Drinking Water Sample Location: Rm #15 Sink

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

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.68		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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QC SUMMARY REPORT

WO#: **25010668**

28-Jan-25

Client: Coleman Creek Consulting
Project: 24-161G Malin ES

TestCode: **LEAD_DW**

Sample ID:	**LCS-29927**	SampType:	**LCS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55589**
Client ID:	**LCSW**	Batch ID:	**29927**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/17/2025**	SeqNo:	**918452**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	99.4	0.500	100	0	99.4	85	115				

Sample ID:	**25010668-01AMS**	SampType:	**MS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55589**
Client ID:	**24-161G.1**	Batch ID:	**29927**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/17/2025**	SeqNo:	**918454**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	102	0.500	100	5.78	95.8	70	130				

Sample ID:	**25010668-01AMSD**	SampType:	**MSD**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55589**
Client ID:	**24-161G.1**	Batch ID:	**29927**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/17/2025**	SeqNo:	**918455**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	102	0.500	100	5.78	96.4	70	130	102	0.572	20	

Sample ID:	**MB-29927**	SampType:	**MBLK**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55589**
Client ID:	**PBW**	Batch ID:	**29927**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/17/2025**	SeqNo:	**918552**

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

Qualifiers:

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceede
MI	Recovery outside comtrol limits due to Matrix Interference	ND	Not Detected at the Reporting Limit	PL	Permit Limit
RL	Reporting Detection Limit				

Original

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QC SUMMARY REPORT

WO#: **25010668**

28-Jan-25

Client: Coleman Creek Consulting
Project: 24-161G Malin ES

TestCode: **LEAD_DW**

Sample ID:	**MB-29928**	SampType:	**MBLK**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55617**
Client ID:	**PBW**	Batch ID:	**29928**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/20/2025**	SeqNo:	**919137**

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

Sample ID:	**MB-29928**	SampType:	**MBLK**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55617**
Client ID:	**PBW**	Batch ID:	**29928**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/20/2025**	SeqNo:	**919138**

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

Sample ID:	**LCS-29928**	SampType:	**LCS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55617**
Client ID:	**LCSW**	Batch ID:	**29928**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/20/2025**	SeqNo:	**919139**

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:	**25010668-21AMS**	SampType:	**MS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55617**
Client ID:	**24-161G.22**	Batch ID:	**29928**	TestNo:	**E200.8**	**E200.8**		Analysis Date:	**1/20/2025**	SeqNo:	**919141**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	107	0.500	100	11.7	95.4	70	130				

Qualifiers:

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceede
MI	Recovery outside comtrol limits due to Matrix Interference	ND	Not Detected at the Reporting Limit	PL	Permit Limit
RL	Reporting Detection Limit				

Original

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QC SUMMARY REPORT

WO#: **25010668**

28-Jan-25

Client: Coleman Creek Consulting
Project: 24-161G Malin ES

TestCode: **LEAD_DW**

Sample ID: **25010668-21AMSD**	SampType: **MSD**	TestCode: **LEAD_DW**	Units: **ppb**	Prep Date: **1/17/2025**	RunNo: **55617**						
Client ID: **24-161G.22**	Batch ID: **29928**	TestNo: **E200.8**	**E200.8**	Analysis Date: **1/20/2025**	SeqNo: **919142**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	107	0.500	100	11.7	94.9	70	130	107	0.550	20	

Qualifiers:

*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceede
MI	Recovery outside comtrol limits due to Matrix Interference	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: **25010668** RcptNo: **1**

Logged by:	**Ashley Spiegelberg**	**1/16/2025 2:36:00 PM**
Completed By:	**Danielle Garten**	**1/20/2025 9:11:45 AM**
Reviewed By:	**Jordan Diemer**	**1/28/2025 10:51:46 AM**

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 ☐
    HNO3 pH<2
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? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
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? Yes ☑ No ☐
    (If no, notify customer for authorization.)

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):	Willie Cox
Collected By (Sign):	
Email Report ___ Mail Report ___ Fax Report ___	

Section B
Required Project Information

Project Name:	Malin ES
Project Number:	24-161 G
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

Analysis Requested

Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers		Total #								Remarks / Field Data	NRC Sample # (Lab Use Only)
24-161 G, 1-3	Grab	DW	1-16-25	See Below	3		X									01-35
4-34	↓	↓	↓		31		X									
36-38					3		X									

NRC Workorder # (Lab Use Only) 25010668

*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	1436
Received By:				
Relinquished By:				
Received By:				
Relinquished By:				
Received By Laboratory:		Ashley Spiegelberg	1/16/25	14:36

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

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

Data Flags

WO#: **25010668**
Date: **1/28/2025**

A Total Alkalinity and Bicarbonate Alkalinity results are to a pH endpoint of 4.5. Carbonate Alkalinity result is to a pH endpoint of 8.3.
A-LL The total low level alkalinity results are to a pH endpoint of 4.3-4.7 pH units per SM 2320 B.
B Analyte detected in the associated method blank.
C Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
C1 Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
CF Results confirmed by re-analysis.
CU Cleanup performed as specified by method.
E Estimated value.
ER Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
FC Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
HP Sample re-analysis performed outside of method specified holding time.
HR Sample received outside of method specified holding time.
HS Sample analyzed for volatile organics contained headspace.
HT At the client's request, the sample was analyzed outside of method specified holding time.
H Analysis performed outside of method specified holding time.
J Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
N See Case Narrative on page 2 of report.
Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS), and/or matrix spikes exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
R Relative percent difference (RPD) is outside of the accepted recovery limits.
R1 The numerical difference between the parent sample and the duplicate (DUP) is outside of the accepted recovery limits. Greater than 5 degrees for Flashpoint, or greater than 0.1 pH units for pH.
R3 The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
R4 The Relative percent difference (RPD) is not within control limits because the concentration of the sample result is too low to represent proper statistical error.
R5 The difference between the BOD/CBOD results for the highest and lowest dilution used for the calculation is >30% because the results are too low to represent proper statistical error. The BOD/CBOD sample result is an average of all qualified bottles for each dilution series. The sample results are not affected.
R6 The difference between the BOD/CBOD results for the highest and lowest dilution used for the calculation is >30%. This may indicate a possible matrix interference. The BOD/CBOD sample result is an average of all qualified bottles for each dilution series.
S Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
S1 Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
SC Sub-contracted to another laboratory for analysis.
SP Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.

* Value exceeds Maximum Contaminant Level or is outside the acceptable range.<<>>
1 Value exceeds one half of the Maximum Contaminant Level.