

Sherwood Charter School

2023 Lead in Drinking Water Testing and Results

SHERWOOD CHARTER SCHOOL

SAFETY COMMITTEE

Principal Joy Raboli

Parent Volunteer – Joe Whitehead

Sherwood Charter School

2023 Lead in Drinking Water Testing Plan and Results

Oregon schools are required every six years to test for lead content in drinking water. Any water source that has lead concentration of 15 parts per billion (ppb) or higher must be remedied. Tests must be conducted with the “first draw” method, meaning after a six hour period of non-use and the analysis must be conducted by a state approved laboratory. Links to the statutes and rules describing the testing requirements are listed at the end of this report, followed by the lab results. The previous tests were conducted in 2016, therefore this test should have been conducted in 2022. Due to the lack of a Safety Committee during the COVID lockdown and the increased staff workload in returning to regular in-person schooling, the test was delayed a year.

The following locations were tested:

Downstairs main building - office water cooler, water fountain drinking spout, water fountain bottle filler, sink in boys room, sink in girls room. (5 sources)

Upstairs main building - water fountain, sink in boys room, sink in girls room, two kitchen sinks, two adult bathroom sinks. (7 sources)

Classroom bathroom sinks - 2nd, 3rd, 4th, 5th, Humanities, Math, Science, Art. (8 sources)

Art and Science classrooms - both have two sinks and one drinking spout. (6 sources)

There is a sink in the janitor’s closet that was not tested because students do not have access to it.

Total - 26 water source locations tested.

Test Process and Results:

On October 20, 2023, The Sherwood Charter School Safety Committee drew water samples from the school to be tested for lead. Initially, only 25 test kits were ordered because the water bottle filler attached to the downstairs water fountain was not accounted for. Also, the sink in the science bathroom had been briefly turned on prior to testing, which did not meet the “first draw” standard. Two additional kits were ordered and on November 7, 2023 first draw samples were taken from both of those locations.

The samples were sent to Alexin Laboratories, the same company used for the previous test in 2016. The test results were returned on January 9, 2024. All 26 sources were below the 15 ppb limit. 24 sources were ND (none detected), the sink in the downstairs girls bathroom was 1 ppb, and the sink in the upstairs girls bathroom was 10 ppb. The two sources that were above zero will be retested and this report will be updated with those results.

No remedy action is required due to all sources being below the 15 ppb threshold.

Supporting documents:

Laboratory analysis report pdf “Alexin Lab Results 2023”

Testing chain of custody pdf “Chain of Custody 2023”

Links to OR state regulations:

Oregon Statute (ORS) 332.331 requires schools to develop a Healthy and Safe Schools Plan that includes in part (3)(c), “Provisions regarding testing for, and reducing exposure to, elevated levels of lead in water used for drinking or food preparation as required under guidelines adopted by the authority.”

https://oregon.public.law/statutes/ors_332.331

ORS 332.334 requires the test results to be made “available to the public no later than 10 business days after receiving the test results.” https://oregon.public.law/statutes/ors_332.334

Accredited drinking water laboratories.

<https://www.oregon.gov/oha/ph/healthyenvironments/drinkingwater/monitoring/pages/labs.aspx>

Oregon Administrative Rule (OAR) 333-061-0400 (Reducing Lead in School Drinking Water) describes the specific requirements of how the water is to be collected and analyzed.

<https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/RULES/Documents/61-0400.pdf>



Professional Laboratory Services

13035 SW Pacific Hwy
Tigard, OR 97223
Tel.: (503) 639-9311 Fax: (503) 684-1588

ANALYSIS REPORT

Reported: 10/27/2023
Received: 10/20/2023
Sampled By: Joe Whitehead
Work Order: 3293001

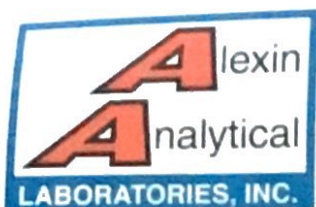
C Sherwood Charter School
L Attn: Joy Raboli
I 23264 SW Main St.
E Sherwood OR, 97140
N Phone: (503) 925-8007
T

Project:
Project # : N/A
Sample Type :

Sampling Location: School

Lab Number

	Code	Method	Result	Units	MRL	EPA MCL*	Analysis Date/ Time
3293001-01	Sample Name: Downstairs Fountain Bottle Filler Sampled: 10/20/23 8:15						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-02	Sample Name: Downstairs Boys Room Sampled: 10/20/23 8:20						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-03	Sample Name: Downstairs Girls Room Sampled: 10/20/23 8:20						Matrix: Drinking Water
+Lead	1030	EPA 200.9	1	ppb	1	15 ppb	10/24/23 16:03
3293001-04	Sample Name: Office Water Sampled: 10/20/23 8:22						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-05	Sample Name: Upstairs Bathroom Left Sampled: 10/20/23 8:28						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-06	Sample Name: Upstairs Bathroom Right Sampled: 10/20/23 8:30						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-07	Sample Name: Upstairs Fountain Sampled: 10/20/23 8:32						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-08	Sample Name: Upstairs Boys Room Sampled: 10/20/23 8:35						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-09	Sample Name: Upstairs Girls Room Sampled: 10/20/23 8:36						Matrix: Drinking Water
+Lead	1030	EPA 200.9	10	ppb	1	15 ppb	10/24/23 16:03
3293001-10	Sample Name: Kitchen Sink Left Sampled: 10/20/23 8:38						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03



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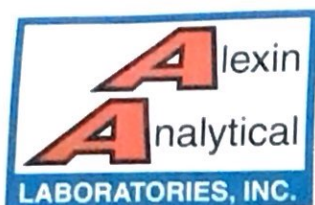
C Sherwood Charter School
L Attn: Joy Raboli
I 23264 SW Main St.
E Sherwood OR, 97140
N Phone: (503) 925-8007
T

Project:
Project # : N/A
Sample Type :

Sampling Location: School

Lab Number

	Code	Method	Result	Units	MRL	EPA MCL*	Analysis Date/ Time
3293001-11	Sample Name: Kitchen Sink Right Sampled: 10/20/23 8:39						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-12	Sample Name: Second Grade Sampled: 10/20/23 8:47						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-13	Sample Name: Fourth Grade Sampled: 10/20/23 8:49						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-14	Sample Name: Third Grade Sampled: 10/20/23 8:51						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-15	Sample Name: Fifth Grade Sampled: 10/20/23 8:53						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-16	Sample Name: Humanities Sampled: 10/20/23 8:56						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-17	Sample Name: Math Sampled: 10/20/23 8:58						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-18	Sample Name: Science Left Sink Sampled: 10/20/23 9:03						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-19	Sample Name: Science Water Fountain Sampled: 10/20/23 9:04						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-20	Sample Name: Science Right Sink Sampled: 10/20/23 9:06						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03



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Received: 10/20/2023
Sampled By: Joe Whitehead
Work Order: 3293001

C Sherwood Charter School
L Attn: Joy Raboli
I 23264 SW Main St.
E Sherwood OR, 97140
N Phone: (503) 925-8007
T

Project:
Project # : N/A
Sample Type :

Sampling Location: School

Lab Number

	Code	Method	Result	Units	MRL	EPA MCL*	Analysis Date/ Time
3293001-21	Sample Name: Science Bathroom Sampled: 10/20/23 9:08						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-22	Sample Name: Art Bathroom Sampled: 10/20/23 9:12						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-23	Sample Name: Art Left Sink Sampled: 10/20/23 9:14						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-24	Sample Name: Art Drinking Fountain Sampled: 10/20/23 9:15						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03
3293001-25	Sample Name: Art Right Sink Sampled: 10/20/23 9:16						Matrix: Drinking Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	10/24/23 16:03

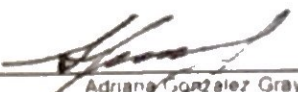
ND = None detected at the MRL **MRL** = Minimum Reporting Limit **MCL** = Maximum Contamination Limit

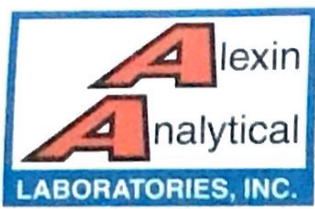
†All procedures for this analysis are in accordance with NELAP standards.

* The EPA MCL for Lead in Public Drinking Water Systems is 15 ppb; this is a maximum contamination level for lead in samples, this is not an acceptance level for health based exposure.

Note: Please make sure to send your results to the appropriate agency; Alexin Analytical does not forward these results to any program or person other than the above listed client. It is your responsibility to make sure these results get sent to whichever agency, city, or organization has requested them if these results are for compliance purposes.

Approved by


Adriana Gonzalez Gray
Laboratory Director



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13035 SW Pacific Hwy
Tigard, OR 97223
Tel (503) 639-9311 Fax: (503) 684-1588

ANALYSIS REPORT

Reported: 11/15/2023
Received: 11/07/2023
Sampled By: Joe Whitehead
Work Order: 3311014

C Sherwood Charter School
L Attn: Joy Raboli
I 23264 SW Main St.
E Sherwood OR, 97140
N Phone: (503) 925-8007
T

Project:
Project # : N/A
Sample Type :

Sampling Location: School

Lab Number

	Code	Method	Result	Units	MRL	EPA MCL*	Analysis Date/ Time
3311014-01	Sample Name: Science Bathroom Sampled: 11/7/23 6:25						Matrix: Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	11/13/23 17:22
3311014-02	Sample Name: Downstairs Fountain Drinking Spout Sampled: 11/7/23 6:20						Matrix: Water
+Lead	1030	EPA 200.9	ND	ppb	1	15 ppb	11/13/23 17:22

ND = None detected at the MRL MRL = Minimum Reporting Limit MCL = Maximum Contamination Limit

†All procedures for this analysis are in accordance with NELAP standards.

* The EPA MCL for Lead in Public Drinking Water Systems is 15 ppb; this is a maximum contamination level for lead in samples, this is not an acceptance level for health based exposure.

Note: Please make sure to send your results to the appropriate agency; Alexin Analytical does not forward these results to any program or person other than the above listed client. It is your responsibility to make sure these results get sent to whichever agency, city, or organization has requested them if these results are for compliance purposes.

Approved by

Adriana Gonzalez-Gray
Laboratory Director



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Services

Chain of Custody Record

Laboratory Job Number: _____

Page 1 of 3

13035 SW Pacific Hwy Tigard, OR 97223 ph: 503.639.9311 fax: 503.684.1588 email: mail@alexinlabs.com

Client Contact Information	Results Reporting Information	Invoicing Information
Company/Client Name: <u>Sherwood Charter School</u>	Project Manager: <u>Jay Raboli</u>	Accounts Payable Contact:
Address: <u>23265 SW Main St.</u>	Mailing Address: <u>Same</u>	Mailing Address:
City/State/Zip: <u>Sherwood OR 97140</u>	City/State/Zip:	City/State/Zip:
phone: <u>503-925-8007</u>	phone:	phone:
fax or email:	fax or email: <u>jraboli@sherwoodcharter-school.org</u>	fax or email:

SAMPLING INFORMATION

Sampling Location: <u>School</u>	P.O. #:	PWSID #:
Sampled By: <u>Joe Whitehead</u>	Project Name:	Permit #:
Project #:		

Send results to OR State Health Division? (Please circle) Yes No	Analysis Requested**
------------------------------------------------------------------	----------------------

Lab ID Lab use only	Sample Identification Please enter a unique ID per line for each separate sample	Date Collected	Time Collected (Begin-End if comp.)	Sample Matrix*	# of cont. rec'd											SEE ATTACHED	Sample Specific Notes/Field Data for each WW sample, specify <u>Grab</u> / <u>Composite</u> for each DW sample, specify <u>Raw</u> / <u>Treated</u> , <u>Source</u> / <u>Distribution</u> <u>Single</u> / <u>Combined</u> WHERE APPLICABLE
	<u>Downstairs Fountain Bottle</u>	<u>10/20</u>	<u>0815</u>														
	<u>Downstairs Boys Room</u>	<u>10/20</u>	<u>0820</u>														
	<u>Downstairs Girls Room</u>	<u>10/20</u>	<u>0820</u>														
	<u>Office Water</u>	<u>10/20</u>	<u>0822</u>														
	<u>Upstairs Bathroom Left</u>	<u>10/20</u>	<u>0828</u>														
	<u>Upstairs Bathroom Right</u>	<u>10/20</u>	<u>0830</u>														
	<u>Upstairs Fountain</u>	<u>10/20</u>	<u>0832</u>														
	<u>Upstairs Boys Room</u>	<u>10/20</u>	<u>0835</u>														
	<u>Upstairs Girls Room</u>	<u>10/20</u>	<u>0836</u>														
	<u>Kitchen Sink Left</u>	<u>10/20</u>	<u>0838</u>														

Relinquished By (print): _____	Company: _____	Date/Time: _____	Signature: _____	Received By: _____	Company: _____	Date/Time: _____	Signature: _____
Relinquished By (print): _____	Company: _____	Date/Time: _____	Signature: _____	Received By: _____	Company: _____	Date/Time: _____	Signature: _____

The most current revision of SOP-10-003 was used when these samples were collected ☐

Received by Laboratory Log-In Staff:

Date/Time: _____ Temp. on receipt: _____ °C On ice? Y N
Containers Intact? Y N ID: TRM-10- _____

* Drinking water (DW), effluent (EFF), ground water (GW), influent (INF), non-aqueous liquid (NAL), paint chips, raw water (RW), sludge, soil, solid, source water (SOURCE), spring, stormwater (SW), surface water, wastewater (WW), well water (WELL)

** Analyses for SOC, Radionuclide, Radon, and Asbestos are subcontracted out to other accredited laboratories.



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Chain of Custody Record

Laboratory Job Number: _____

Page 2 of 3

13035 SW Pacific Hwy Tigard, OR 97223 ph: 503.639.9311 fax: 503.684.1588 email: mail@alexinlabs.com

Client Contact Information		Results Reporting Information		Invoicing Information	
Company/Client Name: <u>Sherwood Charter School</u>		Project Manager: <u>Jay Raboli</u>		Accounts Payable Contact:	
Address: <u>23265 SW Main St.</u>		Mailing Address: <u>Same</u>		Mailing Address:	
City/State/Zip: <u>Sherwood OR 97140</u>		City/State/Zip:		City/State/Zip:	
phone: <u>503-925-8007</u>		phone:		phone:	
fax or email:		fax or email: <u>jraboli@sherwoodcharter.org</u>		fax or email:	

SAMPLING INFORMATION

Sampling Location: <u>School</u>		P.O. #:		PWSID #:	
Sampled By: <u>Joe Whitehead</u>		Project Name:		Project #:	
Send results to OR State Health Division? (Please circle) Yes No		Analysis Requested**		Permit #:	

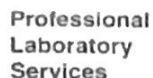
Lab ID <small>Lab use only</small>	Sample Identification <small>Please enter a unique ID per line for each separate sample</small>	Date Collected	Time Collected <small>(Begin-End if comp.)</small>	Sample Matrix*	# of cont. rec'd	Analysis Requested**										SEE ATTACHED	Sample Specific Notes/Field Data <small>for each WW sample, specify <u>Grab</u> / <u>Composite</u> for each DW sample, specify <u>Raw</u> / <u>Treated</u>, <u>Source</u> / <u>Distribution</u>, <u>Single</u> / <u>Combined</u> WHERE APPLICABLE</small>
	Kitchen Sink Right	10/20	0839														
	Second Grade	10/20	0847														
	Fourth Grade	10/20	0849														
	Third Grade	10/20	0851														
	Fifth Grade	10/20	0853														
	Humanities	10/20	0856														
	Math	10/20	0858														
	Science Left Sink	10/20	0903														
	Science Water Fountain	10/20	0904														
	Science Right Sink	10/20	0906														

Relinquished By (print): _____	Company: _____	Date/Time: _____	Signature: _____	Received By: _____	Company: _____	Date/Time: _____	Signature: _____
Relinquished By (print): _____	Company: _____	Date/Time: _____	Signature: _____	Received By: _____	Company: _____	Date/Time: _____	Signature: _____

The most current revision of SOP-10-003 was used when these samples were collected <input type="checkbox"/>	Received by Laboratory Log-In Staff: _____	Date/Time: _____	Temp. on receipt: _____ °C	On ice? Y N
			Containers Intact? Y N	ID: TRM-10- _____

* Drinking water (DW), effluent (EFF), ground water (GW), influent (INF), non-aqueous liquid (NAL), paint chips, raw water (RW), sludge, soil, solid, source water (SOURCE), spring, stormwater (SW), surface water, wastewater (WW), well water (WELL)

** Analyses for SOC, Radionuclide, Radon, and Asbestos are subcontracted out to other accredited laboratories.



Laboratory Job Number: _____

Page 3 of 3

Client Contact Information	Results Reporting Information	Invoicing Information
Company/Client Name: Sherwood Charter School	Project Manager: Joy Rabol	Accounts Payable Contact:
Address: 23265 SW Main St.	Mailing Address: Same	Mailing Address:
City/State/Zip: Sherwood OR 97140	City/State/Zip:	City/State/Zip:
phone: 503-925-8007	phone:	phone:
fax or email:	fax or email: jrabol@sherwoodcharter.org	fax or email:

Sampling Location: School		P.O. #:	PWSID #:
Sampled By: Joe Whitehead	Project Name:	Project #:	Permit #:

Analysis Requested**

[illegible]

Relinquished By (print):	Company:	Date/Time:	Signature:	Received By:	Company:	Date/Time:	Signature:
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ID: TRM-10-

** Analyses for SOC, Radionuclide, Radon, and Asbestos are subcontracted out to other accredited laboratories.



Chain of Custody Record

Laboratory Job Number: _____

Page 1 of 1

13035 SW Pacific Hwy Tigard, OR 97223 ph: 503.639.9311 fax: 503.684.1588 email: mail@alexiniabs.com			
Client Contact Information		Results Reporting Information	
Company/Client Name: Sherwood Charter		Project Manager: Joy Raboli	
Address: 23264 SW Main St		Mailing Address: Same	
City/State/Zip: Sherwood OR 97140		City/State/Zip:	
phone: 503-925-8007		phone:	
fax or email:		fax or email: jraboli@sherwoodcharter503	
		Invoicing Information	
		Accounts Payable Contact:	
		Mailing Address:	
		City/State/Zip:	
		phone:	
		fax or email:	

SAMPLING INFORMATION

SAMPLING INFORMATION		
Sampling Location: 5 L Deep	P.O. #:	PWSID #:
Sampled By: Joe W. Johnson	Project Name:	Project #:
		Permit #:

Send results to OR State Health Division? (Please circle)	Yes	No	Analysis Requested**
-----------------------------------------------------------	-----	----	----------------------

[illegible]

Relinquished By (print):	Company:	Date/Time:	Signature:	Received By:	Company:	Date/Time:	Signature:
Relinquished By (print):	Company:	Date/Time:	Signature:	Received By:	Company:	Date/Time:	Signature:

The most current revision of SOP-10-003 was used when these samples were collected ☐

Received by Laboratory Log-In Staff:

Date/Time:

Temp. on receipt: _____ °C

On ice? Y N

Containers Intact? Y N

ID: TRM-10-

* Drinking water (DW), effluent (EFF), ground water (GW), influent (INF), non-aqueous liquid (NAL), paint chips, raw water (RW), sludge, soil, solid, source water (SOURCE), spring, stormwater (SW), surface water, wastewater (WW), well water (WELL)

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COC-90-006rev0.1