



Indy Safety, Inc.

Offices in Portland & Wilsonville

Elessar Connolly-Fairchild

Project Manager

Certified Mold Inspector

EPA, DEQ Asbestos Inspector, Management Planner

EPA/Oregon DPSST Certified HazMat Instructor

OSHA Outreach Trainer

elessar@indy-safety.com

503-481-2193

To: Mark Dodge, Pam Bonner
Clackamas Education Service District

From: Elessar Connolly-Fairchild, Project Manager, Indy Safety

Project: Lead in Drinking Water and Radon Testing Report
CESD/Main Building, Data Center, Marian Hall
13455 SE 97th Ave
Clackamas, OR 97015

Testing Dates: May 9, 2023, June 1, 2023, June 23, 2023

Report Date: June 30, 2023

Main Building/Data Center

- A total of 35 drinking water samples and 5 retests were collected from the Main Building and the Data Center of the Clackamas Education Service District. Columbia Laboratories completed lead analysis and all main building samples tested below the action limits of 15 ppb for lead. See spreadsheet attached in publishable format for ODE reporting.
 - Two fixtures in the Date Center were above the action limit, retested (five retests) and subsequently decommissioned, pending replacement.
- A total of 33 radon in air samples (including three duplicates and two blanks for quality control) were taken on the First floor of the Main Building. All samples were analyzed by EMSL and all tested below the action limit of 4 pCi/L. See spreadsheet attached in publishable format for ODE reporting.

Marian Hall

- A total of 15 drinking water samples were collected. Columbia Laboratories completed lead analysis and all samples tested below the action limits of 15 ppb for lead.
- A total of 16 radon in air samples (including one duplicate and one blank for quality control) were taken on the First floor of Marian Hall. All samples were analyzed by EMSL and all tested below the action limit of 4 pCi/L. See spreadsheet attached in publishable format for ODE reporting.

Reimbursement Docs

- All docs for ODE water testing reimbursement will be attached.

Environmental Testing, Safety Training and Consultation



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-007482/D001.R00
Report Date: 06/28/2023
ORELAP#: OR100028
Purchase Order:
Project Name: CESD-Marian Hall
Project No:

Cover Letter

Sirius Safety
Elessar Connolly-Fairchild
37811 SE Wildcat Mt Dr
Eagle Creek Oregon 97022
United States of America (USA)

Dear Elessar Connolly-Fairchild,

Enclosed please find Columbia Laboratories analytical report for samples received as order number 23-007482 on 06/23/2023 at 12:22. Should you have any questions about this report or any other matter, please do not hesitate to contact us. We are here to help you.

Thank you for allowing Columbia Laboratories to be of service to you, we appreciate your business.

Sincerely,

Derrick Tanner
General Manager



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Report Number: 23-007482/D001.R00
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Project Name: CESD-Marian Hall
Project No:

Sample Results

Sample: 19020002-001BF23A Collected: 6/21/23 08:00 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0001 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	1.56	15.000	µg/l	0.2	1.00	2308553		06/26/23 13:51	

Sample Results

Sample: 19020002-002BF23A Collected: 6/21/23 08:02 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0002 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	0.489	15.000	µg/l	0.2	1.00	2308553		06/26/23 13:53	

Sample Results

Sample: 19020002-003BF23A Collected: 6/21/23 08:10 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0003 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	6.81	15.000	µg/l	0.2	1.00	2308553		06/26/23 13:54	

Sample Results

Sample: 19020002-004BF23A Collected: 6/21/23 08:15 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0004 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	4.53	15.000	µg/l	0.2	1.00	2308553		06/26/23 13:56	

Sample Results

Sample: 19020002-005BF23A Collected: 6/21/23 08:16 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0005 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	1.50	15.000	µg/l	0.2	1.00	2308553		06/26/23 13:57	

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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Report Number: 23-007482/D001.R00
Report Date: 06/28/2023
ORELAP#: OR100028
Purchase Order:
Project Name: CESD-Marian Hall
Project No:

Sample Results

Sample: 19020002-006BF23A Collected: 6/21/23 08:22 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0006 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	1.50	15.000	µg/l	0.2	1.00	2308553		06/26/23 13:59	

Sample Results

Sample: 19020002-007CF23A Collected: 6/21/23 08:20 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0007 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	0.436	15.000	µg/l	0.2	1.00	2308553		06/26/23 14:00	

Sample Results

Sample: 19020002-008BF23A Collected: 6/21/23 08:22 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0008 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	< LOQ	15.000	µg/l	0.2	1.00	2308553		06/26/23 14:02	

Sample Results

Sample: 19020002-009BF23A Collected: 6/21/23 08:25 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0009 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	1.47	15.000	µg/l	0.2	1.00	2308553		06/26/23 14:03	

Sample Results

Sample: 19020002-010SF23A Collected: 6/21/23 08:28 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0010 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	0.720	15.000	µg/l	0.2	1.00	2308553		06/26/23 14:05	

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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Project Name: CESD-Marian Hall
Project No:

Sample Results

Sample: 19020002-011BF23A Collected: 6/21/23 08:30 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0011 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	1.32	15.000	µg/l	0.2	1.00	2308553		06/26/23 14:16	

Sample Results

Sample: 19020002-012BF23A Collected: 6/21/23 08:26 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0012 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	4.28	15.000	µg/l	0.5	1.00	2308591		06/27/23 11:12	

Sample Results

Sample: 19020002-013BF23A Collected: 6/21/23 08:37 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0013 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	1.11	15.000	µg/l	0.2	1.00	2308553		06/26/23 14:17	

Sample Results

Sample: 19020002-014SF23A Collected: 6/21/23 08:35 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0014 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	4.80	15.000	µg/l	0.5	1.00	2308591		06/27/23 11:15	

Sample Results

Sample: 19020002-015SF23A Collected: 6/21/23 09:20 Temp: 23 °C Matrix:
 Lab ID: 23-007482-0015 Received: 6/23/23 12:22 Evidence of Cooling: N Drinking Water

Method: EPA 200.8 in mg/l									
Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Lead*	< LOQ	15.000	µg/l	0.5	1.00	2308591		06/27/23 11:17	

Units of Measure

µg/l = micrograms per liter

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Abbreviations

LOQ Limit of quantification

¥ = TNI accredited analyte.



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Case Narrative

No Case Narrative notes to report.



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-0327
<http://www.EMSL.com> cinnaminsonradonlab@emsl.com

EMSL Order: 382303776
CustomerID: INDS42
CustomerPO:
ProjectID:

Attn: **Elessar Connolly-Fairchild**
Indy Safety
5010 NE Roselawn St
Portland, OR 97218

Phone: (503) 501-7396
Fax:
Received: 6/27/2023 02:50 PM
Analysis Date: 6/28/2023
Collected: 6/21/2023

Project: **CESD Marlan Hall**

Test **CESD Marlan Hall**
Site: **Portland, OR 97218**

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
517642 382303776-0001	Tech Room	0.4	6/21/2023 8:58:00 AM	6/23/2023 9:38:00 AM	71	51	Customer
Sample Notes:							
517914 382303776-0002	Student Union	0.7	6/21/2023 8:52:00 AM	6/23/2023 9:33:00 AM	71	48	Customer
Sample Notes:							
517846 382303776-0003	Back Nook	0.5	6/21/2023 8:55:00 AM	6/23/2023 9:34:00 AM	71	51	Customer
Sample Notes:							
517692 382303776-0004	Cafeteria	0.7	6/21/2023 8:56:00 AM	6/23/2023 9:35:00 AM	71	46	Customer
Sample Notes:							
517674 382303776-0005	Cafeteria	0.5	6/21/2023 9:00:00 AM	6/23/2023 9:43:00 AM	71	46	Customer
Sample Notes:							
517954 382303776-0006	Classrm 131	1.2	6/21/2023 9:01:00 AM	6/23/2023 9:45:00 AM	71	46	Customer
Sample Notes:							
517891 382303776-0007	Laundry	1	6/21/2023 9:02:00 AM	6/23/2023 9:46:00 AM	72	46	Customer
Sample Notes:							
517848 382303776-0008	R of Laundry	0.5	6/21/2023 9:03:00 AM	6/23/2023 9:48:00 AM	73	48	Customer
Sample Notes:							
517800 382303776-0009	Classroom 129	0.7	6/21/2023 9:05:00 AM	6/23/2023 9:44:00 AM	72	46	Customer
Sample Notes:							
517899 382303776-0010	Classroom 127	1	6/21/2023 9:08:00 AM	6/23/2023 9:46:00 AM	72	50	Duplicate
Sample Notes: Duplicate's Customer Sample:382303776-0009							
					Duplicate RPD = 35.3%		



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-0327

<http://www.EMSL.com>

cinnaminsonradonlab@emsl.com

EMSL Order: 382303776

CustomerID: INDS42

CustomerPO:

ProjectID:

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
517806 382303776-0011	Classroom 127	0.8	6/21/2023 9:08:00 AM	6/23/2023 9:46:00 AM	72	50	Customer
Sample Notes:							
517701 382303776-0012	L of Laundry	0.5	6/21/2023 9:10:00 AM	6/23/2023 9:47:00 AM	72	49	Customer
Sample Notes:							
517910 382303776-0013	Storage	0.8	6/21/2023 9:12:00 AM	6/23/2023 9:49:00 AM	72	49	Customer
Sample Notes:							
517719 382303776-0014	Storage Mid	1.1	6/21/2023 9:15:00 AM	6/23/2023 9:50:00 AM	72	47	Customer
Sample Notes:							
517832 382303776-0015	Storage R	0.8	6/21/2023 9:18:00 AM	6/23/2023 9:52:00 AM	72	47	Customer
Sample Notes:							
517695 382303776-0016	Blank	0	6/21/2023 9:18:00 AM	6/23/2023 9:52:00 AM	72	47	Blank
Sample Notes:							

Report Notes

The United States Environmental Protection Agency (EPA) has established a radon action level of 4.0pCi/L. EPA recommends mitigation of a structure if the confirmed radon level is equal to or greater than 4.0pCi/L.

The radon tests were performed using liquid scintillation radon detectors and counted on a liquid scintillation counter following EPA Method # 402-R-92-004 testing protocol for Radon in Air testing. EPA recommends retesting every two years.

Please contact EMSL Analytical, Inc. or your State Health Department for further information.

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of Radon in Air.

Analyst(s)

Jeanel Zoll (16)

Dominic Gehret, Radiochemistry Laboratory Manager, NJ Radon Measurement Specialist MES 13910 or other approved signatory

In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder. The test results meets all NELAC requirements unless otherwise specified.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ FL RB2034/R2687,IL RNL2008202,IN RTL00935,IA RNLAB10005,KS KS-LB-0005/KS-MS-0482,ME SPC202,MN RL-0005,NE 474/RMB-1083,NJ 03036/MEB92525/MES13910,NY 10872,OH RL39,OK D9952,PA 2573/3393/68-00367,RI RMB-108/RI00179,WV RL000220,NRSB-ARL6006,NRPP

Initial report from 06/30/2023 14:23:04

Please visit www.radontestinglab.com