



April 27, 2020

Dave Peterson
Hillsboro School District
4901 SE Witch Hazel Road
Hillsboro, Oregon 97123

Via email: petersod@hsd.k12.or.us

Regarding: Long-Term Radon Testing
 Hillsboro High School Wood Shop
 3285 SE Rood Bridge Road
 Hillsboro, Oregon
 PBS Project 23440.024, Phase 0004

Dear Mr. Peterson:

Between November 5, 2019 and April 16, 2020, PBS Engineering and Environmental Inc. (PBS) performed long-term radon testing in the Woodshop building at Hillsboro High School in Hillsboro, Oregon. Long-term radon detectors were placed in Room 1 and Room 1 office.

The results of the long-term testing showed an average radon concentration in Room 1 of 3.1 picocuries per liter (pCi/L) of air, and an average radon concentration in Room 1 office of 3.6 pCi/L. These levels are below the Environmental Protection Agency (EPA) and Oregon Health Authority (OHA) recommended maximum radon concentration of 4.0 pCi/L of air.

The long-term tests were follow-up tests after initial short-term testing, completed in October 2019, showed radon concentrations of 4.7 pCi/L and 4.6 pCi/L in Room 1 and Room 1 office, respectively. The EPA and OHA recommend conducting follow-up testing with long-term radon detectors if initial short-term results are between 4.0 pCi/L to 8.0 pCi/L. The long-term testing should be conducted over as much of the nine-month school year as possible, when the room is likely to be occupied.

PBS used alpha track long-term radon detectors from RSSI to conduct the testing. After testing, the detectors were returned to RSSI for analysis. The laboratory analysis report is attached.

Please feel free to contact me at 503.935.5484 or dale.voeller@pbsusa.com with any questions or comments.

Sincerely,

Dale Voeller, CHMM, CSP
Senior Project Manager

Attachment: RSSI Analysis Report




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 Morton Grove, IL 60053-2723
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April 23, 2020

PBS Engineering & Environmental
 Dale Voeller
 4412 SW Corbett Avenue
 Portland, OR 97239
 USA

Alpha Track Radon Test Results

Detector Number	pCi/L	Test Location	Test Address	Start Date	End Date	Note*
384017	3.1 ± 4%	Woodshop Room 1	Hillsboro High School Woodshop 3285 SE Rood Bridge Road Hillsboro, OR 97123	11/5/2019	4/16/2020	1,
384032	3.6 ± 3%	Woodshop Office 1	Hillsboro High School Woodshop 3285 SE Rood Bridge Road Hillsboro, OR 97123	11/5/2019	4/16/2020	

Analyzed By:  04/23/ 2020
 Elektra Musich
 Radon Analyst
 Analysis Date

END REPORT

* 1-Broken Seal, 2-Damaged Filter, 3-Loose Test Material, 4-Missing Test Material, 5-Missing End Date, 6-Missing Start Date, 7-Less Than 8 Days, 8-Past Expiration Date, 9-Missing Both Dates, NA-No applicable notes

Analytical results showing the radon concentration relate only to the device(s) tested in the condition as received by RSSI. Results were calculated based on information provided by the client.

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