



August 27, 2019

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
 Tobias Elementary School
 1065 SW 206th Avenue
 Aloha, Oregon
 PBS Project 23440.024, Phase 0003

Dear Mr. Peterson:

Between December 3, 2018 and May 1, 2019, PBS Engineering and Environmental Inc. (PBS) performed long-term radon testing in Room 14 at Tobias Elementary School in Aloha, Oregon.

The Environmental Protection Agency (EPA) and Oregon Health Authority (OHA) recommend that indoor radon concentrations be maintained below 4.0 picocuries per liter (pCi/L) of air. The long-term test was a follow-up test after initial short-term testing, completed in October 2018, showed a radon concentration of 4.2 pCi/L in Room 14. 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 results of the long-term testing showed average radon concentrations in Room 14 of 1.8 pCi/L; well below the EPA and OHA recommended maximum radon concentration of 4.0 pCi/L.

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



6312 West Oakton Street
 Morton Grove, IL 60053-2723
 847-965-1999
 Fax 847-965-1991

May 07, 2019

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*
361372	1.8 ± 5%	Room 14	Tobias Elementary School 1065 SW 206th Avenue Aloha, OR 97006	12/3/2018	5/1/2019	

Analyzed By: Aaron J. Morris 05/07/ 2019
 Aaron Morris Analysis Date
 Radon Analyst

*****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.

Report shall not be reproduced except in its entirety without the approval of RSSI.