



February 28, 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
 West Union Elementary School
 23870 NW West Union Road
 Hillsboro, Oregon
 PBS Project 23440.024, Phase 0003

Dear Mr. Peterson:

Between November 13, 2017 and May 30, 2018, PBS Engineering and Environmental Inc. (PBS) performed long-term radon testing in the Staff Work Room at West Union Elementary School in Hillsboro, 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 2017, showed a radon concentration of 4.0 pCi/L in the work room. 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 the staff work room of 3.0 pCi/L, which is 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




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PBS Engineering and 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*
360132	2.9 ± 3%	Staff work room	West Union Elementary School 23870 NW West Union Rd Hillsboro, OR 97124	11/13/2017	5/30/2018	
360134	3.0 ± 3%	Staff work room-duplicate	West Union Elementary School 23870 NW West Union Rd Hillsboro, OR 97124	11/13/2017	5/30/2018	

Analyzed By:  06/15/ 2018

 Jeremy Kieser
 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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