



June 22, 2016

Joel McCarthy
EHS Coordinator
Portland Public Schools
501 N Dixon Street
Portland, OR 97227

Via email: jmccarthy@pps.net

Re: Continuous Radon Monitor Measurement Report
Additional Locations – Four Schools; Six Locations
Portland, Oregon
PBS Project No. 06500.657 Phase 0001

Dear Mr. McCarthy:

From June 17 to June 21, 2016, PBS Engineering and Environmental Inc. (PBS) conducted continuous radon monitor (CRM) measurements at four Portland Public Schools (PPS) sites in six unique locations. These measurements were performed at the request of PPS in response to elevated radon levels identified during previous short term radon monitoring.

Locations tested are identified in the table below:

Site	Building	Room
Lent	Main	Main Office
Peninsula	Main	Boiler Room
Whitman	Main	Cafeteria
Whitman	Main	14
Whitman	Main	18
Wilcox	Main	10

This testing was performed with femto-TECH CRM-510LP continuous radon monitors, EPA and Industry approved testing devices. CRM monitors were placed on desk or table tops in rooms identified for testing. Devices were placed on the afternoon of June 17, 2016, and collected the morning of June 21, 2016. The devices recorded radon, tilts (an anti-tampering indication), relative humidity, barometric pressure, and temperature data for 93 to 96 hours. Closed building conditions were not verified during the course of this testing.

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Below is a summary of the radon data collected at the nine locations:

Test Location	Start Time	Stop Time	Total Time	Average Radon Concentration (pCi/L = picocuries per liter)
Lent – Main Office	6/17/2016 2:17:00 PM	6/21/2016 1:17:00 PM	95 Hours	11.5 pCi/l
Peninsula – Boiler Room	6/17/2016 3:22:00 PM	6/21/2016 12:22:00 PM	93 Hours	3.8 pCi/l
Whitman – Cafeteria	6/17/2016 1:50:00 PM	6/21/2016 1:50:00 PM	96 Hours	0.0 pCi/l
Whitman – Room 14	6/17/2016 1:58:00 PM	6/21/2016 1:58:00 PM	96 Hours	0.9 pCi/l
Whitman - Room 18	6/17/2016 1:54:00 PM	6/21/2016 1:54:00 PM	96 Hours	0.5 pCi/l
Wilcox – Room 10	6/17/2016 2:50:00 PM	6/21/2016 12:50:00 PM	94 Hours	3.3 pCi/l

For more detail, please refer to the attached Detailed Hourly Technical Report and Report Graphing for each test location.

Please feel free to contact me at 503.417.7694 or chris.boyce@pbsenv.com with any questions or comments.

Sincerely,
PBS Engineering and Environmental Inc.



Chris Boyce
Project Manager

Attachments: Detailed Hourly Technical Report (x6)
Report Graphing (x6)
fermto-TECH Laboratories CRM Certification of Calibration (x6)

CB::bmp