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March 20, 2017

Ms. Kate Hall
Dallas School District #2
111 SW Ash Street
Dallas, OR 97338

VIA email to: *kate.hall@dsd2.org*

RE: Radon Testing
Post High
1085 Main Street
Dallas, OR 97338

TRC Project: 272838

Ms. Hall:

At your request, TRC Environmental Corporation (TRC) performed radon in air testing at the Post High School located at 1085 Main Street, in Dallas, Oregon.

Testing Procedures
Prior to conducting the radon testing, to maintain proper testing conditions, a notification letter from the school administration was provided to staff informing them of the scheduled radon testing dates and protocols. Testing was performed under the guidance of TRC personnel certified as Radon Measurement Providers by the National Environmental Health Association (NEHA) National Radon Proficiency Program (NRPP). The initial radon testing was performed between March 13, 2017 and March 16, 2017.

Radon testing was conducted using the protocols recommended by the United States Environmental Protection Agency (EPA) and the Oregon Health Authority (OHA) as directed by ORS 332.166-167. Testing was conducted by taking initial short-term measurements of frequently occupied rooms in contact with the soil or above a basement or crawlspace. Frequently occupied rooms include classrooms, offices, cafeterias, libraries and gymnasiums. Areas such as restrooms, hallways, stairwells, elevator shafts, utility closets and storage closets need not be tested. Testing was conducted during the weekday while school was in session and Heating Ventilation and Air-Conditioning (HVAC) systems were operating normally.

The radon sampling devices placed in Post High School were short-term (3-day) passive, 4-inch open-faced, activated charcoal absorption canisters, deployed in general accordance with the OHA guidance documents *Testing for Elevated Radon in Oregon Schools*, as well as the EPA guidance documents *Radon Measurements in Schools, July 1993, and Indoor Radon and Radon*

Decay Product Measurement Device Protocols, July 1992. After retrieval from Woodward Elementary School, the canisters were returned to TRC's American Association of Radon Scientists and Technologists (AARST)/National Environmental Health Association (NEHA) and National Radon Proficiency Program (NRPP)-certified Analytical Laboratory for analysis utilizing a gamma scintillation spectroscopy system.

A warning sheet was placed underneath each testing device to alert occupants that radon testing was in progress, and that the devise should not be disturbed and the windows must remain closed. TRC followed the EPA and OHA guidance for placing testing devices, as reasonably feasible, based on each room's configuration and usage. Testing devices were generally placed within the rooms away from drafts, vents and appliance, 20 inches above the floor, 3 feet from any exterior walls, doors or windows, 1 foot from any interior walls, 4 inches from other objects, away from heat, areas of high humidity and direct sunlight and where they were least likely to be disturbed. Multiple testing devices were utilized in rooms that were greater than 2000 square feet. Testing for the District included, spikes, 10% duplicated measurements and 5% blank measurements to provide appropriate quality assurance/quality control (QA/QC) measures. Samples were left in place for 3 days to ensure optimum results.

Samples Collected and Results

Testing was performed testing in 5 locations within this school. **All of the 5 locations tested had results below the EPA recommended action level of 4.0 picocuries per liter (pCi/L) of air, with the highest reading in one (1) location of 0.6 pCi/L.**

Enclosed, please find the testing device warning sheet, a sample location map and laboratory analytical data.

TRC appreciates the opportunity to provide you with environmental consulting services. We look forward to working with you on future endeavors. If you have any questions or comments concerning this report, please call TRC at (503) 387-3251.

Sincerely,
TRC Environmental Corporation

Victoria Shepersky
Senior Industrial Hygienist

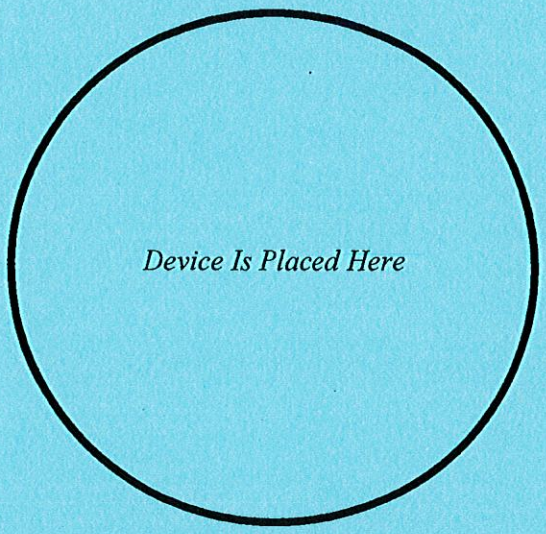
Ron Landolt
NW Region BSI Practice Leader

Attachments: Appendix A – Radon Device Warning Sheet
Appendix B – Sample Location Map
Appendix C – Laboratory Results

Appendix A – Radon Device Warning Sheet

DO NOT TOUCH, MOVE, OR DISTURB UNDER ANY CIRCUMSTANCES!

(KEEP YOUR WINDOWS CLOSED)



RADON TESTING IN PROGRESS

(Canister and its contents are not harmful)

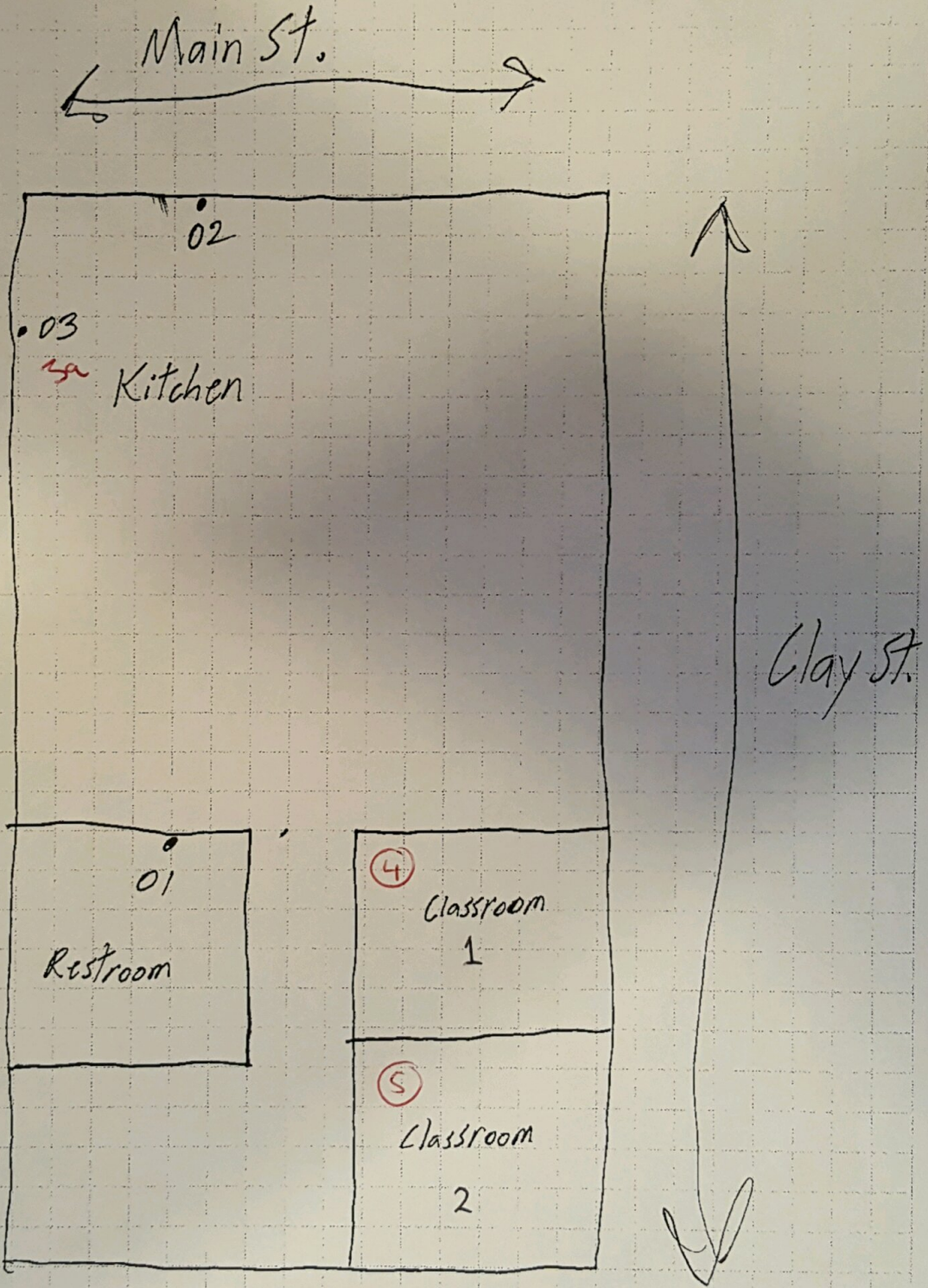
Please note if windows were opened at any time during the test and how long they were open or if the test was disturbed in any way…Thanks for your full cooperation.

_____

_____

_____

Appendix B – Sample Location Map


Main St.
02
03
3a
Kitchen
Clay St.
01
Restroom
4
Classroom
1
5
Classroom
2

Appendix C – Laboratory Results

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

RADON ANALYSIS REPORT

CLIENT: Dallas School District

Site: Post High, Dallas, OR
Project #: 272838.0000.0000
Lab Log #: 50141
Date Received: 03/17/17
Date Analyzed: 03/17/17

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration (pCi/l)
1-Utility Room	379	03.13.17	1236	03.16.17	1151	ND<0.5
2- Kitchen	2139	03.13.17	1239	03.16.17	1154	0.5
3- Kitchen	2037	03.13.17	1240	03.16.17	1155	0.5
3a- Kitchen	325B	03.13.17	1241	03.16.17	1156	0.6
4- Classroom 1	3079	03.13.17	1244	03.16.17	1159	0.5
5- Classroom 2	3207	03.13.17	1246	03.16.17	1201	0.5
Field Blank	2173	03.13.17	--	03.16.17	--	ND<0.5

Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 03/20/17

TRC LABORATORY RADON ANALYTICAL CERTIFICATIONS
NEHA NRPP ID# 102266AL CT # PH-0426 NY # 10980