



1920 Long Street
Sweet Home, OR 97386
(541) 367-7126

The 2015 Legislature passed House Bill (HB) 2931 so that elevated radon levels in Oregon schools would be known. House Bill 2931 later became Oregon Revised Statute (ORS) 332.166-167. As directed by this statute, all school districts in Oregon must develop a plan to accurately measure school buildings for elevated radon levels. Under the statute, school districts must submit a plan to Oregon Health Authority (OHA) by September 1, 2016. Per ORS 332.166-167, actual testing of schools must be done on or before January 1, 2021 and the testing results sent to OHA and posted on the school or school district's website.

This plan will develop the protocols necessary for compliance. OHA's Testing for Elevated Radon in Oregon Schools, specifically Appendices A and D will be used to guide this effort. Below is the plan developed for the Sweet Home School District.

Per ORS 332.166-167, School Radon Measurement Teams (i.e. personnel appointed to measure a school site for elevated radon) must, at a minimum, conduct initial measurements in all frequently occupied rooms in contact with the soil or located above a basement or a crawlspace. Testing will occur in all frequently occupied spaces simultaneously per school site. Examples include: offices, classrooms, conference rooms, gyms, auditoriums, cafeterias and break rooms. A minimum of one detector for every 2,000 sq. ft. of open floor space or portion thereof is required. United States Environmental Protection Agency (USEPA) studies indicate that radon levels on upper floors are not likely to exceed the levels found in ground-contact rooms. Testing rooms on the ground-contact floor or above unoccupied basements or crawlspaces is sufficient to determine if radon is a problem in a school. Areas such as rest rooms, hallways, stairwells, elevator shafts, utility closets, kitchens storage closets do not need to be tested.

Initial and follow-up testing, as needed, will use passive test devices. Active devices (electrically powered, continuous radon monitors) may be used in follow-up testing of locations, if needed, where it is important to determine that radon levels vary according to the time of day. Because testing under closed conditions is important to obtain meaningful results from short-term tests, the District will schedule testing during the coldest months of the year. "Closed building conditions" are defined as keeping all windows closed, keeping doors closed except for normal entry and exit, and not operating fans or other machines which bring in air from outside. Fans that are part of a radon-reduction system or small exhaust fans operating for only short periods of time may run during the test. Testing will occur between October and March in any given school year. Short term testing will be used with passive test kits will be used in "closed building conditions." Test kits will be placed during weekdays with HVAC (heating, ventilation, air conditioning) systems operating as they do normally. The following is a detailed protocol instruction checklist:

1. A Test Kit Placement Log and a Test Kit Location Floor Plan will be prepared for each school in which radon measurements are made. Schools will use their emergency/fire escape plan as a template. Test kit location will be accurately recorded on both a Log and Floor Plan. Test kits or testing services must meet the current requirements of the national certifying organizations, National Radon Proficiency Program (NRPP, www.nrpp.info) or the National Radon Safety Board (NRSB, www.nrsb.org). Testing must be done following the directions on the test kit.
2. Per ORS 332.166-167, school radon measurement teams must, at a minimum, conduct initial measurements in all frequently occupied rooms in contact with the soil or located above a basement or a crawlspace. Room examples include offices, classrooms, conference rooms, gyms, auditoriums, cafeterias and break rooms.



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3. The number of test kits used to measure radon (detectors) must be determined by counting the number of appropriate rooms. One detector kit is used for each room that is 2,000 square feet or less. Additional test kits are needed for larger rooms.
4. Added to this number will be the test kits needed for Quality Assurance purposes.
5. Test kits will be placed in all rooms in contact with the soil or located above a basement or crawlspace that are frequently occupied by students and school staff.
6. Testing will occur during the time that students and teachers are normally present (during weekdays).
7. In addition to placing detectors, additional test kits will be provided to serve as quality assurance measures (duplicate, blank, and spike measurements). Quality Assurance procedures will be conducted as described in OHA's Testing for Elevated Radon in Oregon Schools.
8. All test kits placed in the school site (detectors, duplicates, and blanks) must be noted on the Device Placement Log and Floor Plan by their serial number.
9. Test kits should be placed.
 - a. Where they are least likely to be disturbed or covered up.
 - b. At least three feet from doors, windows to outside or ventilation ducts.
 - c. At least one foot from exterior walls.
 - d. At least 20 inches to six feet from floor.
 - e. About every 2,000 square feet for large spaces (e.g., a 3500 square foot gymnasium would require two test kits)

Along with the five-item placement protocol above, School Radon Measurement Teams can simply place the test kit on the teacher's desk or up on a bookshelf, out of the way of students. To prevent tampering, kits may be suspended from a wall or ceiling (using string and thumb-tack/tape). If they are suspended, they should be 20 inches to 6 feet above the floor, at least 1 foot below the ceiling.

10. Test kits must **NOT** be placed:
 - a. Near drafts resulting from heating, ventilating vents, air conditioning vents, fans, doors, and windows.
 - b. In direct sunlight.
 - c. In areas of high humidity such as bathrooms, kitchens, laundry rooms, etc.
 - d. Where they may be disturbed at any time during the test



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11. Testing with short-term test kits must be used under closed conditions (closed windows/doors except for normal exit/entry).

- a. Closed conditions: Short-term tests should be made under closed conditions in order to obtain more representative and reproducible results. Open windows and doors permit the movement of outdoor air into a room. When closed conditions in a room are not maintained during testing, the subsequent dilution of radon gas by outdoor air may produce a measurement result that falls below the action level in a room that actually has a potential for an elevated radon level. Schools shall only be tested for radon during periods when the HVAC system is operating as it does normally.
- b. All external doors should be closed except for normal use – structural and weatherization defects need to be repaired prior to testing.
- c. Closed conditions must be verified when placing and retrieving test kits.

12. Short-term test kits will be placed during colder months (October through March).

- a. Colder months: Because testing under closed conditions is important to obtain meaningful results from short-term tests, the District will schedule testing during the coldest months of the year. During these months, windows and exterior doors are more likely to be closed. In addition, the heating system is more likely to be operating. This usually results in the reduced intake of outside air. Moreover, studies of seasonal variations of radon measurements in schools found that short-term measurements may more likely reflect the average radon level in a room for the school year when taken during the winter heating season.
- b. The District will check and document local weather forecasts prior to placing test kits. Do not conduct short-term measurements (2-5 days) during severe storms or period of high winds. The definition of severe storm by the National Weather Service is one that generates winds of 58 mph and/or ¾ inch diameter hail and may produce tornadoes.

13. Test Kits will be placed during weekdays with HVAC (heating, ventilation, air conditioning) systems operating as they do normally.

Suggested timeline:

Monday morning – Place kits (detectors/duplicates/blanks) per Test Kit Placement Log created for school. Record data, as needed, on Log.

Thursday morning – Pick up kits, record as needed, ship with (previously requested & received) spiked test kits to Radon Measurement Laboratory.

- a. Air conditioning systems that recycle interior air may be operated.
- b. Window air conditioning units may be operated in a re-circulating mode, but must be greater than 20 feet from the test kit.



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- c. Ceiling fans, portable humidifiers, dehumidifiers and air filters must be more than 20 feet from the test kit.
 - d. Portable window fans should be removed or sealed in place.
 - e. Fireplaces or combustion appliances (except for water heaters/cooking appliances) may not be used unless they are the primary source of heat for the building.
 - f. If radon mitigation systems are in place in the school, they should be functioning.
14. The District will not conduct initial measurements under the following conditions:
- a. During abnormal weather or barometric conditions (e.g., storms and high winds). If major weather or barometric changes are expected, it is recommended that the 2 to 5-day testing be postponed. USEPA studies show that barometric changes affect indoor radon concentrations. For example, radon concentrations can increase with a sudden drop in barometric pressure associated with storms.
 - b. During structural changes to a school building and/or the renovation of the building's envelope or replacement of the HVAC system
15. After receiving the results of the initial testing, School Radon Measurement Teams will follow the "Interpreting initial results" section of the OHA's Testing for Elevated Radon in Oregon Schools.

Follow-up Measurements

Follow-up testing (in rooms with initial short-term measurement of 4.0 pCi/L or higher) should start within one month after receiving the initial test results. Follow-up testing must be made in the same location in a room. When conducting follow-up testing using short-term methods will be done in the same conditions as the initial measurement. Follow-up testing using passive short-term test kits should follow the same Quality Assurance procedures and requirements (i.e. percentages of duplicates/blanks/spikes), including quality assurance calculations. Follow directions under Radon Test Placement Strategy and Protocol Checklist and Test Kit Placement again.

Report of Results and Distribution

ORS 332.166-167 requires that school districts make all test results available: to the district's school board; the Oregon Health Authority (to post on its website), and readily available to parents, guardians, students, school employees, school volunteers, administrators and community representatives at the school office, district office or on a website for the school or school district.

US EPA, OHA Oregon Radon Awareness Program, and numerous non-governmental groups recommend that the school district take action to reduce the radon level in those rooms where the average of the initial and follow-up short-term kit results OR the result of the long-term kit used in follow-up is 4.0 pCi/L or more.

Initial testing will be conducted in accordance with ORS 332.166-167 before January 1, 2021. Because buildings age and ground beneath them settles, radon entry may increase due to cracks in the foundation.



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For that reason, ORS 332.166-167 requires that schools be tested once every 10 years regardless of initial testing results or whether mitigation was done.

Suggested times, for retesting, in addition to that required under ORS 332.166-167, are as follows:

1. Current national guidelines (ANSI/AARST, 2014) recommend that school buildings be re-tested every five years.
2. If radon mitigation measures have been implemented in a school, retest these systems as a periodic check to ensure that the radon mitigation measures are working. EPA does not provide a specific interval, but OHA recommends that schools with radon mitigation measures retest every 5 years.
3. Retest after major renovations to the structure of a school building or after major alterations to a school's HVAC system. These renovations and alterations may increase radon levels within a school building.
4. If major renovations to the structure of a school building or major alterations to a school's HVAC system are planned, retest the school before initiating the renovation. If elevated radon is present, radon-resistant techniques can be included as part of the renovation.



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GLOSSARY

Radon - A gaseous radioactive decay product of radium.

Blanks - Measurements made by analyzing unexposed (closed) detectors that accompanied exposed detectors to the field. The School District use of blanks is to assess any change in analysis result caused by exposure other than in the environment to be measured. Background levels may be due to leakage of radon into the detector, detector response to gamma radiation, or other causes.

Closed-Building Conditions - Means keeping all windows closed, keeping doors closed except for normal entry and exit, and not operating fans or other machines which bring in air from outside. Fans that are part of a radon-reduction system or small exhaust fans operating for only short periods of time may run during the test.

Duplicates - Duplicate measurements provide a check on the precision of the measurement result and allow the user to make an estimate of the relative precision. Large precision errors may be caused by detector manufacture or improper data transcription or handling by suppliers, laboratories, or technicians performing placements. Precision error can be an important component of the overall error. The precision of duplicate measurements are monitored and recorded as quality records.

Spikes - Measurements used to assess the accuracy of a lab analysis and/or how accurately detectors supplied by a laboratory (i.e. test kit manufacturer) measure radon. "Spikes" are test kits that have been exposed to a known concentration of radon in a chamber approved by the National Radon Proficiency Program (NRPP) or National Radon Safety Board (NRSB). The process for completing this aspect of a radon measurement effort's Quality Assurance/Quality Control plan is laid out in the Radon Test Placement Strategy and Protocol Checklist below.



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Appendix A: Test Kit Placement Guide

Once the number of test kits is determined, they will be placed in the frequently-occupied rooms as identified in the "What Rooms Should Be Tested?" section above.

a. Be sure to check these items before placing the radon test kits:

- Closed building conditions have been maintained in the building for 12 hours.
- HVAC system is operating as it normally would when students and faculty are present.
- Testing is being done during a time that students and faculty are present.

b. As detectors are placed in the rooms determined during section 1, thorough and accurate data needs to be recorded on the device log and floor plan (see sample below).

Protocol for all test kits include the following; be sure that each detector placed is:

- in a location where it will be undisturbed
- out of direct sunlight
- three feet from all doors and windows
- four inches from all other objects
- at least 1 foot from all exterior walls
- at least 20 inches to 6 feet from the floor
- out of direct air flow from vents
- four feet from heat source

To protocol above, School Measurement Teams in other states simply place the test kit on the teacher's desk or up (out of the way of students) on a bookshelf.

c. Specific protocol for duplicate measurements. If the test kit you are placing is duplicate measurement also be sure to:

- Placed duplicate (side-by-side) test kit 4-5 inches away from test kit for that room.

d. Specific protocol for blank measurements. If the test kit you are placing is a blank measurement, also be sure to:



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- Unwrap blanks, open, but then immediately close and reseal them.
- Place the test kit next to the detector kit(s) for the room 4-5 inches away.

e. Specific protocol for spiked test kits.

- Arrange for the spiked test kits to arrive back from the Certified Performance Test Chamber to the School Measurement Team as close to the day that kits are retrieved from the school as possible. [See *Quality Assurance Procedures for a School Radon Measurement Program* in OHA's Testing for Elevated Radon in Oregon Schools.]

f. Testing Period.

The minimum length of time test kits should be left out is 48 hours, but not exceed seven days. [It's best to follow test kit manufacturer's instructions for more specific recommendations.] It's best if devices should be left in place for four days to ensure optimum results.

Many schools place short-term kits on Monday morning and pick them up on Thursday morning. Retrieving Kits: Once the testing period has ended, all test kits placed at a school site (detectors, duplicates, and blanks) need to be retrieved. This should be done on the same date. Complete the data sheet when retrieving detectors.

- Record ending date and time (kits were pick up) information, per the "Test Kit Placement Log" [Appendix D of OHA's Testing for Elevated Radon in Oregon Schools.]
- Record ending information on the test kit package (if required).

g. Prepare and mail all kits.

- Seal and prepare test kits to be mailed to the lab by the manufacturer's instructions.
- Include those spiked kits (not identified as such) in the same box(es) as other kit types.
- Mail all test kits (detectors, duplicates, blanks, spikes) to the Radon Measurement Laboratory using a mail service that guarantees delivery to the laboratory within two days at maximum, but **preferably overnight shipping.**

Signature/title

Tara [Signature]
Superintendent

Date

8/12/16

Please mail, email or fax the signed document:

MAIL TO: Oregon Radon Awareness Program
800 NE Oregon St, Suite 640
Portland, OR 97232-2162

FAX TO: 971-673-0979
EMAIL TO: radon.program@state.or.us

**Radon Sampling Table
Crawfordsville Elementary School
38420 Glass Ave.
Crawfordsville, Oregon**

Crawfordsville School:					
DEVICE NUMBER	START DATE	STOP DATE	Total Days	LOCATION	RADON pCi/L
4326985	11/21/2019	3/27/2020	128	Main Office	1.6
4326886	11/21/2019	3/27/2020	128	Office Room	1.6
4326887	11/21/2019	3/27/2020	128	Classroom 5	2.9
4326888	11/21/2019	3/27/2020	128	Break Room	2.1
4326889	11/21/2019	3/27/2020	128	Classroom 6	4.1
4326896	11/21/2019	3/27/2020	128	Classroom 7	1.4
4326974	11/21/2019	3/27/2020	128	Classroom 7 Duplicate	1.8
4326895	11/21/2019	3/27/2020	128	Gym	2.0
4326893	11/21/2019	3/27/2020	128	Gym	2.1
4326894	11/21/2019	3/27/2020	128	Gym	2.4
4326891	11/21/2019	3/27/2020	128	Gym Fun Room (corner)	2.2
4327091	11/21/2019	3/27/2020	128	Spike	6.4
4327090				Blank	TBD

Bold - Indicates Exceeds Action Level
EPA Action Level: 4.0 pCi/L
"<": Below the level of detection

Kelsay Environmental
833 SE Main St., Suite 410
Portland, Oregon 97214

Foster Elementary:

DEVICE NUMBER	START DATE	STOP DATE	Total Days	LOCATION	RADON pCi/L
4326978	11/21/2019	3/27/2020	127	Office Main	1.9
4327117	11/21/2019	3/27/2020	127	Office Principal	1.7
4326913	11/21/2019	3/27/2020	127	Office Health	2.1
4327116	11/21/2019	3/27/2020	127	Office Conference	2.6
4326976	11/21/2019	3/27/2020	127	Staff Room	2.7
4326915	11/21/2019	3/27/2020	127	Room	1.6
4326977	11/21/2019	3/27/2020	127	Mr. Hunt	2.2
4326914	11/21/2019	3/27/2020	127	Speech	1.4
4326912	11/21/2019	3/27/2020	127	Speech Duplicate	1.3
4327118	11/21/2019	3/27/2020	127	Room 1	2.4
4327119	11/21/2019	3/27/2020	127	Mrs. Peak	2.0
4326846	11/21/2019	3/27/2020	127	Room 2	1.7
4326938	11/21/2019	3/27/2020	127	Room 3	1.8
4326848	11/21/2019	3/27/2020	127	Room 4	0.9
4326850	11/21/2019	3/27/2020	127	Room 5	1.2
4326948	11/21/2019	3/27/2020	127	Room 6	1.4
4326946	11/21/2019	3/27/2020	127	Room 7	2.7
4326947	11/21/2019	3/27/2020	127	Room 8	3.9
4326849	11/21/2019	3/27/2020	127	Room Duplicate	4.0
4326847	11/21/2019	3/27/2020	127	Stage	2.4
4326937	11/21/2019	3/27/2020	127	Room Behind Stage	3.2
4326949	11/21/2019	3/27/2020	127	Cafeteria	2.2
4326841	11/21/2019	3/27/2020	127	Cafeteria	2.4
4326857	11/21/2019	3/27/2020	127	Room 9	3.9
4326843	11/21/2019	3/27/2020	127	Room 10	4.1
4326858	11/21/2019	3/27/2020	127	Room 11	5.0
4326860	11/21/2019	3/27/2020	127	Room 11 Duplicate	5.0
4326859	11/21/2019	3/27/2020	127	Room 12	5.4
4326856	11/21/2019	3/27/2020	127	Room 13	3.8
4326844	11/21/2019	3/27/2020	127	Room 14	2.2
4326851	11/21/2019	3/27/2020	127	Gym	Sample Not Found
4326845	11/21/2019	3/27/2020	127	Gym	0.9
4326842	11/21/2019	3/27/2020	127	Gym Office	1.0
4326852	11/21/2019	3/27/2020	127	Gym	1.0
4326854	11/21/2019	3/27/2020	127	Library	1.9
4327086	11/21/2019	3/27/2020	127	Library Duplicate	2.2
4326855	11/21/2019	3/27/2020	127	Library	Sample Not Found
4326853	11/21/2019	3/27/2020	127	Library Office	2.2
4327143	11/21/2019	3/27/2020	127	Spike	6.2
4326996				BLANK	TBD

Hawthorne Elementary:

DEVICE NUMBER	START DATE	STOP DATE	Total Days	LOCATION	RADON pCi/L
4326802	11/21/2019	3/27/2020	127	Office	1.0
4326907	11/21/2019	3/27/2020	127	Main Office	1.0
4326801	11/21/2019	3/27/2020	127	Office	1.0
4326820	11/21/2019	3/27/2020	127	Gym	1.4
4326819	11/21/2019	3/27/2020	127	Gym	1.2
4326817	11/21/2019	3/27/2020	127	Gym Duplicate	1.0
4326804	11/21/2019	3/27/2020	127	10A	0.7
4326816	11/21/2019	3/27/2020	127	10B	0.6
4326906	11/21/2019	3/27/2020	127	10	0.9
4326803	11/21/2019	3/27/2020	127	Conference Room	<0.4
4326812	11/21/2019	3/27/2020	127	Room 9	1.2
43326810	11/21/2019	3/27/2020	127	Room 8	0.9
4326909	11/21/2019	3/27/2020	127	Room 7	0.6
4326814	11/21/2019	3/27/2020	127	Room 6	1.0
4326910	11/21/2019	3/27/2020	127	Custodial Office	0.7
4326809	11/21/2019	3/27/2020	127	Staff Lounge	0.9
4326806	11/21/2019	3/27/2020	127	Library	1.6
4326807	11/21/2019	3/27/2020	127	Library Duplicate	1.6
4326808	11/21/2019	3/27/2020	127	Computer Room	1.5
4326811	11/21/2019	3/27/2020	127	Room 3	0.9
4326815	11/21/2019	3/27/2020	127	Room 2	1.2
4326818	11/21/2019	3/27/2020	127	Sensory Room	1.0
4326908	11/21/2019	3/27/2020	127	Room 1	1.2
4326813	11/21/2019	3/27/2020	127	1-B	1.3
4326826	11/21/2019	3/27/2020	127	1-A	0.9
4326827	11/21/2019	3/27/2020	127	Class 11	<0.4
4326828	11/21/2019	3/27/2020	127	Room 12	1.0
4326830	11/21/2019	3/27/2020	127	Room 14	2.8
4326829	11/21/2019	3/27/2020	127	Room 14 Duplicate	2.7
4327044	11/21/2019	3/27/2020	127	Room 13	2.1
4327043	11/21/2019	3/27/2020	127	Room 16	0.6
4327053	11/21/2019	3/27/2020	127	Room 15	<0.4
4327054	11/21/2019	3/27/2020	127	Room 17	0.5
4327052	11/21/2019	3/27/2020	127	Room 18	0.5
4327055	11/21/2019	3/27/2020	127	Room 19	<0.4
4327144	11/21/2019	3/27/2020	127	Spike	6.4
4326936				Blank	TBD
4326951				Blank	TBD

Holley Elementary:

DEVICE NUMBER	START DATE	STOP DATE	Total Days	LOCATION	RADON pCi/L
4326904	11/22/2019	3/27/2020	126	Main Office	1.3
4326903	11/22/2019	3/27/2020	126	Principal's Office	2.9
4326902	11/22/2019	3/27/2020	126	Health Room	1.3
4326928	11/22/2019	3/27/2020	126	Cafeteria	0.6
4326926	11/22/2019	3/27/2020	126	Class Next to Café	0.9
4326901	11/22/2019	3/27/2020	126	Library	0.7
4326927	11/22/2019	3/27/2020	126	Reset Room	0.6
4326929	11/22/2019	3/27/2020	126	Room 5	1.2
4326935	11/22/2019	3/27/2020	126	Room 4	1.5
4326930	11/22/2019	3/27/2020	126	Room 4 Duplicate	1.5
4327078	11/22/2019	3/27/2020	126	Speech Room	1.8
4327080	11/22/2019	3/27/2020	126	Counseling	1.0
4326931	11/22/2019	3/27/2020	126	Stage	2.3
4326934	11/22/2019	3/27/2020	126	Gym	2.1
4326932	11/22/2019	3/27/2020	126	Custodian Office	0.7
4326905	11/22/2019	3/27/2020	126	Room 3	1.1
4327051	11/22/2019	3/27/2020	126	Room 3 Duplicate	1.2
4327076	11/22/2019	3/27/2020	126	Room 2	1.9
4327079	11/22/2019	3/27/2020	126	Room 1	1.9
4326933	11/22/2019	3/27/2020	126	Modular	<0.4
4327064	11/22/2019	3/27/2020	126	Spike	6.1
4326998				Blank	TBD

Sweet Home Junior High:

DEVICE NUMBER	START DATE	STOP DATE	Total Days	LOCATION	RADON pCi/L
4326916	11/19/2019	3/26/2020	128	Office Area	2.2
4327077	11/19/2019	3/26/2020	128	Vice Principal's Office	1.8
4326920	11/19/2019	3/26/2020	128	Principal's Office	1.2
4326919	11/19/2019	3/26/2020	128	Health Room	1.7
4326918	11/19/2019	3/26/2020	128	Counseling	2.1
4326917	11/19/2019	3/26/2020	128	Lunch Room	1.7
4326821	11/19/2019	3/26/2020	128	Room 1	1.4
4326823	11/19/2019	3/26/2020	128	Room 2	0.5
4326824	11/19/2019	3/26/2020	128	Room 14	2.0
4326822	11/19/2019	3/26/2020	128	Room 3	0.5
4326925	11/19/2019	3/26/2020	128	Room 4	0.4
4326923	11/19/2019	3/26/2020	128	Room 13	1.4
4326922	11/19/2019	3/26/2020	128	Room 13 Duplicate	1.5
4326924	11/19/2019	3/26/2020	128	Room 12	1.3
4326825	11/19/2019	3/26/2020	128	Room 5	0.7
4327037	11/19/2019	3/26/2020	128	Room 6	0.6
4326921	11/19/2019	3/26/2020	128	Room 11	0.4
4327038	11/19/2019	3/26/2020	128	Room 10	0.4
4327039	11/19/2019	3/26/2020	128	Room 7	0.8
4327040	11/19/2019	3/26/2020	128	Room 8	<0.4
4326911	11/19/2019	3/26/2020	128	Room 9	0.9
4327036	11/19/2019	3/26/2020	128	Room 9 Duplicate	1.0
4326956	11/19/2019	3/26/2020	128	Room 17	0.7
4326835	11/19/2019	3/26/2020	128	Room 16	1.9
4326834	11/19/2019	3/26/2020	128	Room 18	0.6
4326957	11/19/2019	3/26/2020	128	Room 18 Duplicate	0.5
4326832	11/19/2019	3/26/2020	128	Room 15	1.7
4326833	11/19/2019	3/26/2020	128	Room 19	0.9
4326831	11/19/2019	3/26/2020	128	Room 20	0.9
4326958	11/19/2019	3/26/2020	128	Library Office	3.3
4326960	11/19/2019	3/26/2020	128	Library	1.2
4326959	11/19/2019	3/26/2020	128	Gym	Not Found
4326979	11/19/2019	3/26/2020	128	Gym	1.0
4326980	11/19/2019	3/26/2020	128	Gym	1.0
4327094	11/19/2019	3/26/2020	128	Spike	6.2
4327084				Blank	TBD

Pleasant Valley School:

DEVICE NUMBER	START DATE	STOP DATE	Total Days	LOCATION	RADON pCi/L
4326964	11/20/2019	3/27/2020	129	Office	1.1
4326965	11/20/2019	3/27/2020	129	Prncipal	0.8
4326975	11/20/2019	3/27/2020	129	Health Room	0.9
4326963	11/20/2019	3/27/2020	129	Nursery	0.8
4326962	11/20/2019	3/27/2020	129	Wobblers	0.7
4326961	11/20/2019	3/27/2020	129	Room 2	1.2
4326990	11/20/2019	3/27/2020	129	Room 3	1.1
4326989	11/20/2019	3/27/2020	129	Room 4	1.2
4326987	11/20/2019	3/27/2020	129	Break Room	2.2
426988	11/20/2019	3/27/2020	129	Break Room Duplicate	2.1
4326986	11/20/2019	3/27/2020	129	Room 5	1.8
4326878	11/20/2019	3/27/2020	129	Gym	1.1
4326880	11/20/2019	3/27/2020	129	Gym	0.9
4326876	11/20/2019	3/27/2020	129	Gym Stage	0.9
4326879	11/20/2019	3/27/2020	129	Gym Stage Duplicate	1.0
4327093	11/20/2019	3/27/2020	129	Spike	6.2
4326999				BLANK	TBD

Oak Heights Elementary:

DEVICE NUMBER	START DATE	STOP DATE	Total Days	LOCATION	RADON pCi/L
4327138	11/20/2019	3/27/2020	128	Front Desk	0.9
4327016	11/20/2019	3/27/2020	128	Principal's Office	0.8
4327017	11/20/2019	3/27/2020	128	Room 1	1.3
4327139	11/20/2019	3/27/2020	128	Room 2	3.5
4327136	11/20/2019	3/27/2020	128	Room 3	2.6
4327140	11/20/2019	3/27/2020	128	Room 4	3.4
4327137	11/20/2019	3/27/2020	128	Room 5	0.6
4327018	11/20/2019	3/27/2020	128	Room 6	1.0
4327019	11/20/2019	3/27/2020	128	Speech Room	1.2
4327020	11/20/2019	3/27/2020	128	Speech Room Duplicate	1.0
4327012	11/20/2019	3/27/2020	128	Staff Room	1.0
4327027	11/20/2019	3/27/2020	128	Health Room	1.1
4327026	11/20/2019	3/27/2020	128	Break Room	0.8
4327029	11/20/2019	3/27/2020	128	Library	0.5
4327028	11/20/2019	3/27/2020	128	Library	0.4
4327034	11/20/2019	3/27/2020	128	Counselor's Office	0.7
4327031	11/20/2019	3/27/2020	128	Room 8	1.0
4327011	11/20/2019	3/27/2020	128	Room 15	0.9
4327030	11/20/2019	3/27/2020	128	Room 14	1.1
4327032	11/20/2019	3/27/2020	128	Room 9	1.5
4327035	11/20/2019	3/27/2020	128	Room 13	1.0
4327033	11/20/2019	3/27/2020	128	Room 10	1.0
4327050	11/20/2019	3/27/2020	128	Room 12	0.9
4327049	11/20/2019	3/27/2020	128	Room 11	1.3
4327047	11/20/2019	3/27/2020	128	Speech Room	0.8
4327046	11/20/2019	3/27/2020	128	Room 16	0.6
4327048	11/20/2019	3/27/2020	128	Gym- Stage	0.7
4327041	11/20/2019	3/27/2020	128	Gym- Stage	0.9
4327042	11/20/2019	3/27/2020	128	Gym Duplicate	0.9
4327045	11/20/2019	3/27/2020	128	Calm Room	0.6
4326955	11/20/2019	3/27/2020	128	Spike	5.7
4326840				Blank	TBD

SWEET HOME HIGH SCHOOL:

DEVICE NUMBER	START DATE	STOP DATE	Total Days	LOCATION	RADON pCi/L
4319447	11/18/2019	3/26/2020	130	Main Office	<0.4
4319525	11/18/2019	3/26/2020	130	Principal's Office	0.5
4319448	11/18/2019	3/26/2020	130	Hiaascn's Office	<0.4
4319570	11/18/2019	3/26/2020	130	Police Officer Office	0.4
4319450	11/18/2019	3/26/2020	130	Conference Room	0.4
4319449	11/18/2019	3/26/2020	130	Nate Tyler's Office	<0.4
4319569	11/18/2019	3/26/2020	130	Break Room	0.6
4319523	11/18/2019	3/26/2020	130	Break Room Duplicate	0.5
4319567	11/18/2019	3/26/2020	130	Men's Clinic	1.2
4319522	11/18/2019	3/26/2020	130	Attendance Office	0.6
4319568	11/18/2019	3/26/2020	130	Women's Clinic	0.6
4319521	11/18/2019	3/26/2020	130	Bookkeeping	<0.4
4319446	11/18/2019	3/26/2020	130	Husky Den	0.5
4319524	11/18/2019	3/26/2020	130	Husky Den Duplicate	0.6
4319514	11/18/2019	3/26/2020	130	Husky Den	0.6
4319511	11/18/2019	3/26/2020	130	Cafeteria	0.4
4319509	11/18/2019	3/26/2020	130	Cafeteria	0.4
4319515	11/18/2019	3/26/2020	130	Kitchen Office	0.6
4319298	11/18/2019	3/26/2020	130	Pool Room	1.0
4319510	11/18/2019	3/26/2020	130	Pool Room	1.0
4319297	11/18/2019	3/26/2020	130	Boy's Locker	0.5
4319513	11/18/2019	3/26/2020	130	Girl's Locker	0.7
4319300	11/18/2019	3/26/2020	130	Swim Office Lobby	0.7
4319508	11/18/2019	3/26/2020	130	Swim Office Lobby Duplicate	0.6
4319506	11/18/2019	3/26/2020	130	Swim Instructor Office	0.5
4319507	11/18/2019	3/26/2020	130	A1 Leadership	0.6
4319512	11/18/2019	3/26/2020	130	Activity Gym	Sample not Found
4319299	11/18/2019	3/26/2020	130	Activity Gym	1.7
4319306	11/18/2019	3/26/2020	130	Activity Gym	1.6
4319453	11/18/2019	3/26/2020	130	Main Gym	0.4
4319451	11/18/2019	3/26/2020	130	Main Gym	<0.4
4319309	11/18/2019	3/26/2020	130	Main Gym	0.4
4319296	11/18/2019	3/26/2020	130	Girl's Team Locker Room	0.4
4319307	11/18/2019	3/26/2020	130	Team Room 2	0.4
4319311	11/18/2019	3/26/2020	130	Girl's PE Office	0.4
4319452	11/18/2019	3/26/2020	130	Girl's Locker Room	<0.4
4319308	11/18/2019	3/26/2020	130	Training Room	<0.4
4319454	11/18/2019	3/26/2020	130	Boy's Locker Room	Sample not Found
4319312	11/18/2019	3/26/2020	130	Boy's Locker Room Duplicate	0.4
4319455	11/18/2019	3/26/2020	130	Boy's Locker Room PE Office	Sample not Found
4319396	11/18/2019	3/26/2020	130	Team Room Boys	0.6
4319313	11/18/2019	3/26/2020	130	Team Room 2	<0.4
4319310	11/18/2019	3/26/2020	130	Coach's Office	0.6
4319543	11/18/2019	3/26/2020	130	Team Room 3	Sample not Found
4319400	11/18/2019	3/26/2020	130	Team Room 3 Duplicate	Sample not Found
4319398	11/18/2019	3/26/2020	130	Wrestling Room	<0.4
4319392	11/18/2019	3/26/2020	130	Wrestling Room	<0.4

4319397	11/18/2019	3/26/2020	130	Weight Room	<0.4
4319406	11/18/2019	3/26/2020	130	Library Space	1.0
4319391	11/18/2019	3/26/2020	130	Library Space	1.0
4319399	11/18/2019	3/26/2020	130	Library Space	1.1
4319315	11/18/2019	3/26/2020	130	Library Office	0.8
4319314	11/18/2019	3/26/2020	130	Library Duplicate	0.8
4319571	11/18/2019	3/26/2020	130	Computer Lab 1	1
4319339	11/18/2019	3/26/2020	130	Computer Lab 2	1.3
4319328	11/18/2019	3/26/2020	130	Library Back Room	0.6
4319573	11/18/2019	3/26/2020	130	Career Center	<0.4
4319575	11/18/2019	3/26/2020	130	Guidance Center	<0.4
4319338	11/18/2019	3/26/2020	130	Mr.Kistner	<0.4
4319326	11/18/2019	3/26/2020	130	Conference Room- Guidance	<0.4
4319327	11/18/2019	3/26/2020	130	Counselor Room 1	<0.4
4319574	11/18/2019	3/26/2020	130	Counselor Room 2	<0.4
4319340	11/18/2019	3/26/2020	130	Counselor Room 3	<0.4
4319329	11/18/2019	3/26/2020	130	Wood Working/Forestry Club	1.6
4319337	11/18/2019	3/26/2020	130	Wood Working Office	2.4
4319572	11/18/2019	3/26/2020	130	Wood Flammable Shop	0.9
4319330	11/18/2019	3/26/2020	130	Wood Shop	0.7
4319336	11/18/2019	3/26/2020	130	Wood Shop	0.7
4319342	11/18/2019	3/26/2020	130	Laundry Room	0.4
4319343	11/18/2019	3/26/2020	130	Band Room	0.6
4319341	11/18/2019	3/26/2020	130	Band Practice Room 1	0.6
4319426	11/18/2019	3/26/2020	130	Band Practice Room 2	0.5
4319320	11/18/2019	3/26/2020	130	Auditorium	1
4319344	11/18/2019	3/26/2020	130	Auditorium	1.1
4319316	11/18/2019	3/26/2020	130	Auditorium Stage	0.9
4319345	11/18/2019	3/26/2020	130	Choir Room	0.4
4319386	11/18/2019	3/26/2020	130	Practice Room	0.4
4319545	11/18/2019	3/26/2020	130	Practice Room (Front)	<0.4
4319437	11/18/2019	3/26/2020	130	Practice Room (Front)	<0.4
4327109	11/18/2019	3/26/2020	130	M3 Modul	<0.4
4327101	11/18/2019	3/26/2020	130	M4	<0.4
4327131	11/18/2019	3/26/2020	130	M2	<0.4
4319347	11/18/2019	3/26/2020	130	M1	<0.4
4327105	11/18/2019	3/26/2020	130	Metal Shop-Class Room	1.4
4319350	11/18/2019	3/26/2020	130	Metal Shop	0.6
4319348	11/18/2019	3/26/2020	130	Metal Shop	0.8
4327102	11/18/2019	3/26/2020	130	Arc Welding	0.9
4327104	11/18/2019	3/26/2020	130	Back Shop	0.7
4327135	11/18/2019	3/26/2020	130	Office	0.6
4327108	11/18/2019	3/26/2020	130	D7 Manley Class	1.9
4327134	11/18/2019	3/26/2020	130	D7 Class Office	1.6
4327127	11/18/2019	3/26/2020	130	Auto's Classroom	1.8
4319346	11/18/2019	3/26/2020	130	Autos Shop	0.6
4319420	11/18/2019	3/26/2020	130	Autos Shop	0.5
4327132	11/18/2019	3/26/2020	130	Autos Shop Duplicate	0.4
4327128	11/18/2019	3/26/2020	130	Locker Room	0.9
4327110	11/18/2019	3/26/2020	130	Tool Room	0.5
4327103	11/18/2019	3/26/2020	130	Lab D1	<0.4
4327133	11/18/2019	3/26/2020	130	Lab D1 Duplicate	<0.4
4327129	11/18/2019	3/26/2020	130	D Building Art Work	<0.4
4319349	11/18/2019	3/26/2020	130	Classroom	<0.4
4327005	11/18/2019	3/26/2020	130	Kiln	0.4

4327002	11/18/2019	3/26/2020	130	GED Room	<0.4
4327001	11/18/2019	3/26/2020	130	GED Room D2	<0.4
4327106	11/18/2019	3/26/2020	130	GED Study	<0.4
4327004	11/18/2019	3/26/2020	130	GED Study Duplicate	<0.4
4327008	11/18/2019	3/26/2020	130	C13	2.1
4319417	11/18/2019	3/26/2020	130	C12	2.4
4327126	11/18/2019	3/26/2020	130	C14	2.3
4327003	11/18/2019	3/26/2020	130	C15	2.0
4319561	11/18/2019	3/26/2020	130	C7	2.5
4319393	11/18/2019	3/26/2020	130	C6	2.3
4327130	11/18/2019	3/26/2020	130	C9 Break Room	1.7
4327009	11/18/2019	3/26/2020	130	C11	2.4
4319416	11/18/2019	3/26/2020	130	C4	2.2
4319419	11/18/2019	3/26/2020	130	Back Room/Lab Storage	2.2
4327007	11/18/2019	3/26/2020	130	Back Room Prep Area	2.2
4327006	11/18/2019	3/26/2020	130	C3	1.9
4319418	11/18/2019	3/26/2020	130	C2	2.0
4319324	11/18/2019	3/26/2020	130	C1	2.2
4327096	11/18/2019	3/26/2020	130	A2	0.6
4319247	11/18/2019	3/26/2020	130	A3	0.6
4327010	11/18/2019	3/26/2020	130	A14	0.4
4327147	11/18/2019	3/26/2020	130	A15	0.6
4327097	11/18/2019	3/26/2020	130	A16	0.7
4327100	11/18/2019	3/26/2020	130	A6	1.3
4327146	11/18/2019	3/26/2020	130	A17	0.4
4327099	11/18/2019	3/26/2020	130	A13	1.3
4327149	11/18/2019	3/26/2020	130	A25	1.6
4327107	11/18/2019	3/26/2020	130	Publishing Offices	1.6
4327148	11/18/2019	3/26/2020	130	Publishing Office 1	1.6
4327115	11/18/2019	3/26/2020	130	Publishing Office 2	1.8
4327150	11/18/2019	3/26/2020	130	Publishing Offices Duplicate	1.8
4327111	11/18/2019	3/26/2020	130	A18	0.6
4327098	11/18/2019	3/26/2020	130	A18 Duplicate	0.9
4327067	11/18/2019	3/26/2020	130	A19	0.5
4327112	11/18/2019	3/26/2020	130	A19 Duplicate	0.7
4327066	11/18/2019	3/26/2020	130	A24	1.4
4327068	11/18/2019	3/26/2020	130	A23	1.5
4327114	11/18/2019	3/26/2020	130	A20	1
4327069	11/18/2019	3/26/2020	130	A20 Duplicate	1.1
4327113	11/18/2019	3/26/2020	130	A22	1.6
4327070	11/18/2019	3/26/2020	130	A21	1.0
4327072	11/18/2019	3/26/2020	130	A26	1.4
4327074	11/18/2019	3/26/2020	130	A27	1.9
4327073	11/18/2019	3/26/2020	130	B8	1.0
4327075	11/18/2019	3/26/2020	130	B9	0.7
4327071	11/18/2019	3/26/2020	130	B7	0.9
4327056	11/18/2019	3/26/2020	130	B7 Duplicate	0.8
4327058	11/18/2019	3/26/2020	130	B6	0.9
4327025	11/18/2019	3/26/2020	130	B5	0.9
4327024	11/18/2019	3/26/2020	130	B4	1.1
4327021	11/18/2019	3/26/2020	130	B3 Life Skills Class	1.3
4327022	11/18/2019	3/26/2020	130	B3 Life Skills Class	1.4
4327023	11/18/2019	3/26/2020	130	B3 Nursey Section	1.2
4327057	11/18/2019	3/26/2020	130	B3 Nursey Section	1.2
4327015	11/18/2019	3/26/2020	130	B3 Office	Sample not Found

4327014	11/18/2019	3/26/2020	130	B3 Office Duplicate	1.4
4327120	11/18/2019	3/26/2020	130	B3 Nap Room (Need Sticker)	1.4
4327095	11/18/2019	3/26/2020	130	Spike	6.2
4326970	11/18/2019	3/26/2020	130	Spike	5.8
4327059	11/18/2019	3/26/2020	130	Spike	6.0
4327060	11/18/2019	3/26/2020	130	Spike	5.8
4327092	11/18/2019	3/26/2020	130	Spike	5.8
4327089				Blank	TBD
4327088				Blank	TBD
4327087				Blank	TBD
4326950				Blank	TBD
4327000				Blank	TBD

District Office:

DEVICE NUMBER	START DATE	STOP DATE	Total Days	LOCATION	RADON pCi/L
4326973	11/21/2020	3/26/2020	126	Front Office	0.8
4326971	11/21/2020	3/26/2020	126	Conference	0.7
4326972	11/21/2020	3/26/2020	126	Mail Room	0.9
4326875	11/21/2020	3/26/2020	126	Kim Armstrong Office	0.9
4326874	11/21/2020	3/26/2020	126	Mrs. Jubb	1.0
4326873	11/21/2020	3/26/2020	126	Payroll	0.8
4326872	11/21/2020	3/26/2020	126	Kevin's Office	1.0
4326995	11/21/2020	3/26/2020	126	Admin Office	0.9
4326871	11/21/2020	3/26/2020	126	Tom's Office	0.9
4326994	11/21/2020	3/26/2020	126	Board Room	1.1
4326992	11/21/2020	3/26/2020	126	Board Room Duplicate	1.2
4326993	11/21/2020	3/26/2020	126	Student Services Office	1.4
4326890	11/21/2020	3/26/2020	126	Student Services	1.9
4326882	11/21/2020	3/26/2020	126	Student Services - Kristi Walker	1.9
4326881	11/21/2020	3/26/2020	126	Billi Cannon Shelf	1.3
4326991	11/21/2020	3/26/2020	126	Custodian Office	1.2
4326861	11/21/2020	3/26/2020	126	Custodian Office Duplicate	1.2
4326900	11/21/2020	3/26/2020	126	Auditorium next to Desk	0.9
4326884	11/21/2020	3/26/2020	126	Mail Room	0.8
4326885	11/21/2020	3/26/2020	126	Room 5	1.2
4326954	11/21/2020	3/26/2020	126	Spike	6.6
4326862				Blank	TBD