



# Indy Safety, Inc.

Offices in Portland & Wilsonville

## Elessar Connolly-Fairchild Project Manager

Certified Mold Inspector

EPA, DEQ, AHERA Asbestos Inspector, Management Planner

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**To:** Dale Virden, Maintenance Supervisor,  
Banks School District

**From:** Elessar Connolly-Fairchild – Project Manager Indy Safety

**Project:** Radon in Air Testing  
12850 NW Main St  
Banks, OR 97106

**On Site:** December 5/7, 6-/8, 19/21, 2022  
January 3/5, 2023

**Report Date:** January 17, 2023

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### Project Overview

Indy Safety was asked to complete radon in air testing at all buildings in Banks School District, in accordance with the Oregon Health Authority document, Testing for Elevated Radon in Oregon Schools (Revised statute 332.166-167. EPA recommends radon testing be completed every five years in public schools.

Testing was completed during winter months in closed building conditions. Samples were taken by placing a lab provided radon collection vial in each occupied space or room on the ground level of each school district building, with the exception of high humidity areas such as bathrooms and kitchens.

- Vials were left undisturbed for 48 hours, then collected with temperature and humidity readings and sent to a certified lab for analysis.
- Results are compared to the action limit of 4 pCi/L. Any sample over the action limit will be automatically retested and the results averaged.
- Any disturbed samples were voided, and the area retested.
- Quality control measures including a duplicate for every 10 samples, a blank for every 20 samples and a spike sample (a vial that has been exposed to a specific amount of radon to test the lab's accuracy) that is submitted every 30 samples or at least one per building.

### Results Summary

An excel spread sheet is provided as a separate document that lists all results. What follows is a summary of those results.

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**Transforming Safety Culture**

### **Elementary School, Middle School and District Office**

- All samples tested under the action limit, and all quality control measures were within limits.

### **High School**

- One sample tested over the action limit, a sample from the boys locker room coach's office. It was determined that the air handler had been turned off during initial testing, so the normal air flow was resumed, and a retest was completed. The retest came in below the action level, and the average of the two also was below the action level.
- All other samples tested under the action limit, and all quality control measures were within limits.
- Note: Sample #25 girls locker room lab wrongly noted the testing vial was left out for less than 48 hrs. From provided COC, it is shown that the vial was placed for 48 hrs--lab misinterpretation of handwriting, so the sample is valid.

### **Publication**

- A separate excel sheet is provided with all laboratory results, including quality control measurements.
- An additional document template established by the ODE is provided for publication purposes on the school district's website. A copy should be kept in the admin offices for public access as well.
- Separate lab results and COC documents are provided.

