



The radon analysis indicates that the radon gas concentrations detected in all areas assessed on the first floor of Robert Frost Elementary School were below the Action Limit of 4pCi/L recommended by the EPA. The field blank sample was also below the acceptable limit and was within the typical +/- uncertainty for this analytical method. A summary of the analytical results is provided in Table 1 below. The laboratory analysis report is included as Attachment A.

**Table 1: Radon in Air Sample Results  
Robert Frost Elementary School  
November 17 – November 20, 2023**

Test Kit ID	Location	Result (pCi/L)	EPA Action Level (pCi/L)
4988253	Floor 1 Room 2	0.5	4.0
4988233	Floor 1 Main Office	0.7	
4988243	Floor 1 Room K1	0.6	
4988223	Floor 1 Room K2	0.6	
4988262	Floor 1 Room 7	0.7	
4988272	Floor 1 Main Office (Field Blank)	< 0.4	
4988224	Floor 1 Room 3	0.4	
4988282	Floor 1 Room 6	0.6	
4988221	Floor 1 Room 5	0.5	
4988292	Floor 1 Room 4	0.8	
4988231	Floor 1 Room 1	0.7	

**Conclusions and Recommendations**

Radon gas concentrations detected within all areas assessed on the first floor of Robert Frost Elementary School were below the EPA recommended Action Level of 4pCi/L for indoor occupied areas during this sampling period. Based on these results, no radon mitigation efforts are required in this school building.

It should be noted that radon gas concentrations may fluctuate with ambient weather conditions, seasonal changes, HVAC operational changes, and/or after renovations/repairs which affect building pressurizations. Therefore, Tidewater recommends that additional testing be conducted if any building modifications are made which may impact building pressurization.