



The radon analysis indicates that the radon gas concentrations detected in all areas assessed on the first floor of Berwyn Heights 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
Berwyn Heights Elementary School
November 17 – November 20, 2023**

Test Kit ID	Location	Result (pCi/L)	EPA Action Level (pCi/L)
4988121	Floor 1 Room 160	0.5	4.0
8454561	Floor 1 Room 132	< 0.4	
4978654	Floor 1 Room 153	< 0.4	
4988190	Floor 1 Room 112	0.4	
4988150	Floor 1 Room 117	< 0.4	
4988170	Floor 1 Room 155 Field Blank	< 0.4	
4988160	Floor 1 Room 121	< 0.4	
4988140	Floor 1 Room 152	< 0.4	
4988210	Floor 1 Room 120	< 0.4	
4988180	Floor 1 Room 133	1.0	
4988230	Floor 1 Room 129	< 0.4	
4988200	Floor 1 Room 155	< 0.4	
4988130	Floor 1 Room 128	< 0.4	

Conclusions and Recommendations

Radon gas concentrations detected within all areas assessed on the first floor of Berwyn Heights 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.