Saint Paul Public Schools
Facilities Department Radon Program Summary and Results

Radon is a naturally-occurring gas that can enter school buildings from the underlying soil and build up to levels that increase occupants’ risk for developing lung cancer. SPPS follows the Minnesota Department of Health guidelines for radon testing and mitigation. Radon testing has been performed in all ground-contact rooms, including rooms above utility tunnels in every school in the district.

The table below shows the results of long-term testing that was conducted in 2014. The long-term tests lasted approximately 90 days and the result is an average radon level over the testing period. The US EPA action level is 4 picocuries per liter (pCi/L). Any spaces that have an average radon level over 4 pCi/L are re-tested using a Continuous Radon Monitor (CRM), which records hourly radon levels. The hourly readings are separated into occupied and unoccupied time periods to determine the radon exposure when the spaces are occupied. In all spaces across SPPS, re-testing using CRM showed the radon level during occupied hours is below 4 pCi/L. Radon levels are lower during occupied hours due to air handler operation and other factors.

Every year, CRM is used to ensure that the air handlers are controlling radon levels during occupied hours in the spaces that had high average radon concentrations. Radon testing is conducted every 5 years or when there are major changes to the foundation or ventilation in the building.

<table>
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<tr>
<th>School</th>
<th>Total Samples</th>
<th>Passing</th>
<th>Additional Testing/Mitigation*</th>
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</thead>
<tbody>
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<td>0.0 – 1.9 pCi/L</td>
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## Saint Paul Public Schools – 2014 Radon Testing – Range of Results

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*Spaces that exceeded 4 pCi/L were re-tested using Continuous Radon Monitoring to determine the occupied radon exposure level
**One spiked sample included in total number of samples