



EASTERN YORK SCHOOL DISTRICT

Department of Buildings & Grounds

Todd J. Hoover
Director of Facilities

Edward Young
Maintenance Team Leader

April 6, 2010

RE: Kreutz Creek Elementary School
Radon Remediation

In late January, JMSI Environmental Corp was hired to check the radon levels in various locations in the building using short-term diffusion barrier charcoal test canisters. The testing was conducted over a weekend so that the building was in a closed condition and would provide more accurate readings and reproducible results. Once the canisters were removed from the building, they were sent to an EPA/DEP and Pa Dept of Agriculture approved laboratory for the radon analysis. Twelve locations were selected to be tested:

Classrooms 307, 314, 303, 114, 105, Faculty Room, Basement PTO Closet, Basement Storage Room, Library, Orchestra Room, Kiln Room, and Art Room

The laboratory analysis revealed three rooms with radon levels that exceeded the recommended EPA guideline; these were the Library, Orchestra Room, and the Basement Storage Room. Using a continuous radon monitor manufactured by Sun Nuclear Corporation, the maintenance department verified the canister test so that the monitor could be used for future testing.

In February, the maintenance department removed wood panels that had been installed on the outside air intakes of the library unit heaters. This paneling had been installed over the vents in early December to prevent the water pipes in the units from freezing during the cold weather. The Library and Orchestra Room were then retested using the continuous radon monitor. The results of these tests showed that the radon levels in these rooms were now below the recommended EPA guideline.

In March, a radon mitigation specialist reviewed the radon mitigation system installed in the storage room. Based on his initial review of our system, he noted some areas for improvement. Based on this review, the maintenance department is working on improving our system and to lower the radon level in the storage room to meet the US EPA guidelines. Until the level in the storage room is below the EPA guideline, access to this room is restricted.

Currently, all normally occupied spaces at the Kreutz Creek Elementary School meet the EPA guidelines for radon levels. To ensure radon levels in the school remain within the EPA guidelines, the maintenance department will periodically conduct random radon testing. If you have any questions regarding the radon mitigation at Kreutz Creek Elementary School, please contact Dr. Timothy Mitzel.

Todd J. Hoover, PRSBS
Director of Facilities
Eastern York School District