

MEMORANDUM

TO: Don O'Leary, Director of Buildings and Grounds

FROM: Eduardo Miguel Marques, Senior Environmental Analyst

DATE: March 7, 2022

RE: Regional School District No. 12 – Radon Sampling Summary

Introduction

Periodic radon sampling was completed in each school facility between February 9 through February 11, 2022. The sampling was performed by Fuss & O'Neill, Inc. in accordance with Connecticut General Statute Section 10-220. The sampling followed the protocols of EPA Radon Measurement in Schools, EPA 402-R-92-014. The 2022 sampling event serves to meet the five-year periodic measurement requirement for Regional School District 12. The laboratory results indicate that the radon concentrations within the school buildings were acceptable.

Below is the summary of the 2022 radon sampling event performed by Fuss & O'Neill, Inc.

Radon

During the course of this five-year periodic radon sampling event performed in each Regional School District 12 school facility, sampling devices were placed in 10% of all frequently occupied ground contact rooms. All canisters were found to be in place and undisturbed when Fuss & O'Neill retrieved the canisters.

The average outdoor radon concentration as studied by the EPA is 0.4 pCi/L and the average indoor concentration is 1.4 pCi/L. The EPA has established an Action Level of 4.0 pCi/L and recommends taking further action (fixing the problem) if results are over 4.0 pCi/L. The laboratory results for Regional School District 12 were below the EPA Action Level of 4.0 pCi/L for the dates and times of sampling.

Based on these sampling results, no additional action is required at this time. Per CTDPH requirements, the facilities must be continually evaluated on a five-year cycle.

Summary prepared by:



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Summary approved by:



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