



September 19, 2022

Zach Nannestad
Douglas County School District
2812 N. Highway 85
Castle Rock, CO 80109

**Re: Rock Ridge Elementary School at 400 Heritage Ave., Castle Rock, CO 80104
September 2022 Follow-Up Radon Sampling Assessment**

Dear Mr. Nannestad:

Quality Environmental Services & Technologies Inc. (QUEST) is pleased to assist Douglas County School District with the ongoing radon survey of its schools. At your request, QUEST conducted follow-up radon testing at Rock Ridge Elementary School in Castle Rock, Colorado.

Fifty-six (56) AirChek radon test kits were placed on May 3, 2022, and they were retrieved on May 5, 2022. Sample analysis identified the radon concentration to be above the EPA guideline of 4 pCi/L for acceptable radon concentrations in the book storage room located near the lower portion of the media center. The detected radon concentrations in all other tested locations were below the EPA guideline. QUEST recommended that further radon mitigation efforts be undertaken, including inspection of the ventilation system. At your request, QUEST conducted additional follow-up radon testing in September of 2022.

On September 6, 2022, QUEST placed two (2) AirChek radon test kits (including 1 duplicate) in the book storage room of concern. The test kits were retrieved on September 8, 2022. The attached laboratory report identifies radon concentrations in the book storage room of 3.8 and 4.2 pCi/L, the average of which is at the EPA guideline of 4 pCi/L for acceptable radon concentrations. On September 19, 2022, you reported that the book storage room will be utilized strictly for storage purposes. Should the book storage room's usage be modified for occupancy, QUEST recommends further evaluation of radon entry points or the installation of a radon mitigation system. The room of concern should then be retested to confirm that the radon reduction techniques undertaken have been effective. If the room will be used exclusively for storage, then no additional sampling or remediation will be required.

If you have any questions, or if we may be of additional assistance, please contact QUEST, Inc. at 303-935-1573. We look forward to our continued association.

Sincerely,

Robert A. Woellner
President/Industrial Hygienist
NEHA: NRPP Certification #105324RT

Anatole (Tony) Konowal
Project Manager/Industrial Hygienist

Attachment: Laboratory Report

September 9, 2022

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11221991	BOOK STORAGE RM (DUPLICATE)	2022-09-06 @ 11:00 am	2022-09-08 @ 12:00 pm	4.2	2022-09-09

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498

September 9, 2022

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

ROCK RIDGE ELEMENTARY SCHOOL

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11221990	BOOK STORAGE RM	2022-09-06 @ 11:00 am	2022-09-08 @ 12:00 pm	3.8	2022-09-09

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