



November 9, 2020

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

**Re: Castle Rock Elementary School – 1103 Canyon Drive in Castle Rock, CO 80104
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 radon testing at Castle Rock Elementary School, located at 1103 Canyon Drive in Castle Rock, Colorado.

Forty-eight (48) AirChek radon test kits were placed on February 11, 2020 and were retrieved on February 13, 2020. The attached laboratory report specifies the radon concentration to be above the EPA guideline of 4 pCi/L for acceptable radon concentrations in Room 212. The detected radon concentrations in all other tested locations were below the EPA guideline.

Since QUEST's February 2020 radon sampling in the school, the ventilation system reportedly has been modified to increase the airflow. At your request, QUEST conducted follow-up radon testing at Castle Rock Elementary School.

On October 27, 2020, QUEST placed one (1) AirChek radon test kit in Room 212. The test kit was retrieved on October 29, 2020. The attached laboratory report identifies that the radon concentration in the tested location meets the EPA guideline of 4 pCi/L for acceptable radon concentrations.

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,

A handwritten signature in black ink, appearing to read "Robert A. Woellner".

Robert A. Woellner
Senior Scientist
NEHA: NRPP Certification #105324RT

A handwritten signature in black ink, appearing to read "Anatole Konowal".

Anatole Konowal
Project Manager

Attachment: Laboratory Report

Radon test result report for:
CASTLE ROCK E.S.

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9292035	101	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	1.7 ± 0.3	2020-02-14
9292036	101	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	1.1 ± 0.3	2020-02-14
9292034	102	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	1.0 ± 0.3	2020-02-14
9292037	104	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	1.4 ± 0.3	2020-02-14
9292038	105	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	3.3 ± 0.3	2020-02-14
9292039	106	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	1.6 ± 0.3	2020-02-14
9292040	107	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.0 ± 0.3	2020-02-14
9292042	108	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	1.6 ± 0.3	2020-02-14
9292043	109	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	1.9 ± 0.3	2020-02-14
9292044	110	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.6 ± 0.3	2020-02-14
9292048	111	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.1 ± 0.3	2020-02-14
9292049	112	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	1.8 ± 0.3	2020-02-14
9292050	113	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.5 ± 0.3	2020-02-14
9292052	114	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.1 ± 0.3	2020-02-14
9292032	115 - LOUNGE	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	3.0 ± 0.3	2020-02-14
9292033	115 - PHONE ROOM	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	3.2 ± 0.3	2020-02-14
9292028	202 - PRINCIPAL	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	1.9 ± 0.3	2020-02-14
9292030	203 - NURSE	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	1.7 ± 0.3	2020-02-14
9292031	204 - HEALTH	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	2.2 ± 0.3	2020-02-14
9292054	205	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.1 ± 0.3	2020-02-14
9292053	206	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	3.2 ± 0.3	2020-02-14
9292074	207 - GYM	2020-02-11 @ 10:00 am	2020-02-13 @ 11:00 am	1.6 ± 0.3	2020-02-14
9292073	207 - GYM	2020-02-11 @ 10:00 am	2020-02-13 @ 11:00 am	1.9 ± 0.3	2020-02-14
9292069	212	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	5.6 ± 0.4	2020-02-14
9292068	213	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.2 ± 0.3	2020-02-14
9292064	214 - MUSIC	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.9 ± 0.3	2020-02-14
9292063	216	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	1.3 ± 0.3	2020-02-14
9292062	217	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	1.7 ± 0.3	2020-02-14
9292061	218	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.1 ± 0.3	2020-02-14
9292060	220	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.5 ± 0.3	2020-02-14
9292055	221	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	3.0 ± 0.3	2020-02-14
9292056	221	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.9 ± 0.3	2020-02-14
9292059	222	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.2 ± 0.3	2020-02-14
9292070	CAFETERIA	2020-02-11 @ 10:00 am	2020-02-13 @ 11:00 am	1.2 ± 0.3	2020-02-14
9292071	CAFETERIA	2020-02-11 @ 10:00 am	2020-02-13 @ 11:00 am	1.4 ± 0.3	2020-02-14
9292072	KITCHEN DESK	2020-02-11 @ 10:00 am	2020-02-13 @ 11:00 am	< 0.3	2020-02-14
9292058	LIBRARY	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.7 ± 0.3	2020-02-14

Radon test result report for:
CASTLE ROCK E.S.

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9292057	LIBRARY - DESK AREA	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.0 ± 0.3	2020-02-14
9292027	MAIN OFFICE	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	1.1 ± 0.3	2020-02-14
9292067	MUSIC OFFICE	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	< 0.3	2020-02-14
9292065	MUSIC OFFICE	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	3.7 ± 0.3	2020-02-14
9292066	MUSIC OFFICE	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	3.8 ± 0.3	2020-02-14
9292029	OFFICE - WORK ROOM	2020-02-11 @ 9:00 am	2020-02-13 @ 10:00 am	1.5 ± 0.3	2020-02-14
9292041	OPEN AREA BY 107	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	1.6 ± 0.3	2020-02-14
9292047	OPEN AREA BY 110	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	< 0.3	2020-02-14
9292045	OPEN AREA BY 110	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.5 ± 0.3	2020-02-14
9292046	OPEN AREA BY 110	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	2.3 ± 0.3	2020-02-14
9292051	OPEN AREA BY 113	2020-02-11 @ 10:00 am	2020-02-13 @ 10:00 am	1.9 ± 0.3	2020-02-14

P8643 / ROBERT WOELLNER

Kit Number	Start Date	Start Time	End Date	End Time	Temp.	Facility	Building	Room	Project ID	Floor	Result
9385014	2020-10-27	11:00 am	2020-10-29	11:00 am	70	CASTLE ROCK E.S.		212	2010100-02	1	3.0

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