



July 10, 2024

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

**Re: Arrowwood Elementary School
10345 Arrowwood Drive in Littleton, CO 80129
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 Arrowwood Elementary School, located at 10345 Arrowwood Drive in Littleton, Colorado.

Fifty-one (51) AirChek radon test kits were placed on May 22, 2024, and fifty (50) were retrieved on May 24, 2024. One (1) AirChek radon kit was missing from the cafeteria at the time of our retrieval. Sample analysis identified the radon concentration to be above the EPA guideline of 4 pCi/L for acceptable radon concentrations in the following six (6) locations: Rooms 102, 103, 107, 126, 128, 153/155. The detected radon concentrations in all other tested locations were below the EPA guideline. QUEST conducted a retest of the locations with exceedances. Seven (7) AirChek radon test kits were placed on June 10, 2024, and were retrieved on June 12, 2024. The attached laboratory results specify radon concentrations to be all within 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
Founder/Industrial Hygienist
NEHA: NRPP Certification #105324RT

A handwritten signature in black ink, appearing to read "Jake Gamble".

Jake Gamble
Industrial Hygienist

A handwritten signature in black ink, appearing to read "Larry Head".

Larry Head
CEO

Attachment: Laboratory Report

Radon test result report for:
ARROWWOOD ELEM.

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11451457	102	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	4.2	2024-05-28
11451458	103	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	4.6	2024-05-28
11451456	107	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	5.0	2024-05-28
11451463	126	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	4.1	2024-05-28
11451464	126 KILN	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	3.1	2024-05-28
11451465	128	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	4.4	2024-05-28
11451475	133	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.7	2024-05-28
11451479	133A - MISSING	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	3.7	2024-05-28
11451478	133B	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	3.5	2024-05-28
11451476	133C	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	3.5	2024-05-28
11451477	133D	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	3.8	2024-05-28
11451480	140	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	3.0	2024-05-28
11451481	143	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	3.5	2024-05-28
11451459	144	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	3.4	2024-05-28
11451460	144 (D)	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	3.6	2024-05-28
11451461	145	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	3.0	2024-05-28
11451490	150	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.9	2024-05-28
11451491	153/155	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	5.0	2024-05-28
11451453	165	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	3.6	2024-05-28
11451454	166	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	3.2	2024-05-28
11451451	170	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	3.0	2024-05-28
11451492	177	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	1.5	2024-05-28
11451493	178	2024-05-22 @ 9:00 am	2024-05-24 @ 9:00 am	2.2	2024-05-28
11451495	178 (B)	2024-05-22 @ 9:00 am	2024-05-24 @ 9:00 am	< 0.3	2024-05-28
11451494	178 (D)	2024-05-22 @ 9:00 am	2024-05-24 @ 9:00 am	1.9	2024-05-28
11451496	179	2024-05-22 @ 9:00 am	2024-05-24 @ 9:00 am	1.7	2024-05-28
11451497	180	2024-05-22 @ 9:00 am	2024-05-24 @ 9:00 am	1.5	2024-05-28
11451498	181	2024-05-22 @ 9:00 am	2024-05-24 @ 9:00 am	1.6	2024-05-28
11451499	182	2024-05-22 @ 9:00 am	2024-05-24 @ 9:00 am	2.2	2024-05-28
11451486	274	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	3.4	2024-05-28
11451482	277	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.1	2024-05-28
11451483	277 (D)	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.7	2024-05-28
11451484	278	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.2	2024-05-28
11451485	279	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.1	2024-05-28
11451487	280	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.2	2024-05-28
11451488	281	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.3	2024-05-28
11451489	282	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.6	2024-05-28

May 28, 2024

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
ARROWWOOD ELEM.

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11451469	374	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.1	2024-05-28
11451466	377	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	2.4	2024-05-28
11451467	378	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	2.0	2024-05-28
11451468	379	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	1.9	2024-05-28
11451470	380	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	1.8	2024-05-28
11451472	380 (B)	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	< 0.3	2024-05-28
11451471	380 (D)	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.1	2024-05-28
11451473	381	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	2.3	2024-05-28
11451474	382	2024-05-22 @ 8:00 am	2024-05-24 @ 9:00 am	1.7	2024-05-28
11451500	GYM	2024-05-22 @ 9:00 am	2024-05-24 @ 9:00 am	2.5	2024-05-28
11451452	MAIL ROOM	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	3.5	2024-05-28
11451450	MAIN OFFICE	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	3.6	2024-05-28
11451455	PRINCIPAL	2024-05-22 @ 8:00 am	2024-05-24 @ 8:00 am	3.1	2024-05-28

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

June 17, 2024

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
ARROWWOOD ELEM

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11546501	102	2024-06-10 @ 10:00 am	2024-06-12 @ 10:00 am	3.1	2024-06-17
11546556	103	2024-06-10 @ 10:00 am	2024-06-12 @ 10:00 am	3.5	2024-06-17
11546557	107	2024-06-10 @ 10:00 am	2024-06-12 @ 10:00 am	3.5	2024-06-17
11546558	126	2024-06-10 @ 10:00 am	2024-06-12 @ 10:00 am	2.6	2024-06-17
11546559	128	2024-06-10 @ 10:00 am	2024-06-12 @ 10:00 am	2.7	2024-06-17
11546561	153/155	2024-06-10 @ 10:00 am	2024-06-12 @ 10:00 am	2.7	2024-06-17
11546562	153/155 (D)	2024-06-10 @ 10:00 am	2024-06-12 @ 10:00 am	2.7	2024-06-17