

Coleman Creek Consulting, Inc.

INITIAL RADON AIR SAMPLING OF HENLEY HIGH SCHOOL FOR KLAMATH COUNTY SCHOOL DISTRICT 2845 GREENSPRINGS DRIVE, KLAMATH FALLS, OREGON

INTRODUCTION

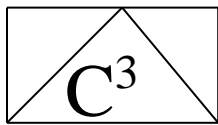
Coleman Creek Consulting, Inc. (CCC) was retained by Klamath County School District (KCS D) to perform radon air sampling as required by State Statute ORS 332.166-167. KCS D is required to perform complete radon air testing of District owned and occupied facility buildings by January 1, 2021. The purpose of the initial radon air sampling was to collect radon air samples from all regularly occupied rooms within school buildings, with the exception of storage, restrooms, kitchen, locker rooms, and compare analytical results with the EPA recommended “Action Level” concentration for radon. Short-term radon air sampling was selected for this project.

RADON INFORMATION AND HEALTH EFFECTS

Radon is a naturally occurring radioactive gas that is produced by natural deposits of uranium in soil, and is found world-wide. Uranium naturally decays into Radium, and Radium can produce Radon gas. Radon gas can travel up through soil and enter buildings in contact with soil. Radon gas entering a building may become concentrated in the lowest part of the building in areas with little fresh air mixing. If radon is inhaled into lungs, particle decay processes can release radiation, potentially damaging lung tissue, and over time leading to lung cancer. The Environmental Protection Agency (EPA) has estimated that Radon is the primary cause of lung cancer among non-smokers. EPA recommends reducing the concentration of Radon in indoor environments to below the Action Level of 4.0 pCi/L (pico-curies per Liter of air).

INITIAL RADON AIR SAMPLING

David W. Fawcett of CCC trained KCS D employees, including school custodians in radon sampling procedures December 4, 2020. Russell Dean, Henley High School (HHS) Custodian placed radon air test kits in the Brixner buildings at the beginning of the day, December 7, 2020. A total of 72 locations were sampled according to guidelines established in the Oregon Health Authority (OHA) “Testing for Elevated Radon in Oregon Schools, A Protocol and Plan”, dated 2016. Mr. Dean returned to HHS December 10, 2020, at the beginning of the day, and collected all radon test kits placed for sampling. See Radon Air Sample Record Sheets (pages 4-7) for locations of all areas sampled. All samples collected were packaged by Mr. Fawcett, and sent overnight to Air Chek, Inc., in Mills River, North Carolina for analysis.



Coleman Creek Consulting, Inc.

LABORATORY ANALYSIS RESULTS

The radon air test kit samples collected from HHS buildings were reported ranging from <0.3 to 0.9 pCi/L (picocuries per liter of air). A complete listing of laboratory results and locations is found in the Air Chek, Inc. Laboratory Analysis Report in Appendix A.

QUALITY ASSURANCE

To ensure that test results are reliable and accurate, quality assurance samples, including duplicate test kits (placed in same room), blank test kits (not sampled at all), and spike sampling (exposing test kits to a measured amount of radon prior to laboratory submission) were all employed during Radon sampling. The number of duplicate, blank, and spike test kits utilized during sampling followed OHA testing protocol guidelines.

DUPLICATE TEST KITS

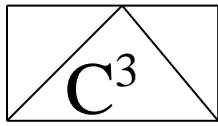
A total of seven duplicate test kits were placed during initial test kit sampling. See duplicate designation on the Radon Air Sample Record Sheets. The seven duplicate test kit sets were all reported with <0.3 pCi/L, with the exception of the last pair reported with <0.3/0.9 pCi/L. When compared with matched pair or “duplicate” test kits, six were well within the expected range of 0-25% Relative Percent Difference, with identical reported <0.3 pCi/L Radon concentrations, and the seventh was below 2.0 pCi/L indicating Radon concentrations were too low to apply the Relative Percent Difference test.

BLANK TEST KITS

Three blank test kits were submitted to Air Chek with the other HHS Radon test kits. All three blank test kits were reported with <0.3 pCi/L. All blank tests were reported none detected for Radon.

SPIKE TEST KIT ANALYSIS

Two test kits were submitted to Bowser-Morner for Radon Spike processing. The test kits were exposed to 25.7 pCi/L for three days from December 4 through December 7, 2020. See Appendix B for the Bowser-Morner Radon Exposure test information. The “Spiked” test kits were submitted to Air Chek for analysis along with the other TES Radon test kits. The Spike samples were reported with 17.0 pCi/L and 14.4 pCi/L. The relative percentage error was calculated to be -34% and -44%, both in the out of control range (greater than -30%). The Spike lab Bowser-Moerner was contacted, and did not report any unusual occurrence during Spike activities. The analytical lab (Air Chek) was contacted, and no unusual occurrences were noted during test kit analysis. Spike test kits were shipped twice during cold temperatures, and that may have had an effect on the Spike sample results. In addition, the complete KCS D Spike sample results exhibit a rather uniform grouping, with results ranging from 13.0 to 17.3 pCi/L, all below the Spiked concentration of 25.7 pCi/L. The Spike samples are identified as Serial #9418286 and Serial #9418321 on the Laboratory Analysis Report in Appendix A.



Coleman Creek Consulting, Inc.

RADON RESULTS AND FUTURE ACTIONS

The 2016 OHA Testing of Elevated Radon in Oregon Schools Protocol and Plan describes future steps to take based on initial Radon sample results. The following is a description of recommended actions based on Radon concentrations reported.

1. If <2.0 pCi/L Radon is reported, ORS 332.166-167 requires Radon re-test every 10 years.
2. If 2.0 pCi/L to 4.0 pCi/L Radon is reported, consider lowering the Radon concentration in the room.
3. If 4.0 pCi/L to 8.0 pCi/L Radon is reported, perform follow-up Radon measurement in the affected room(s) using a long-term test. Conduct over the school year as much as possible. If that result is equal to or greater than 4.0 pCi/L, Radon concentration in the room should be lowered.
4. If equal to or greater than 8.0 pCi/L Radon is reported, conduct a second short-term test and average the result with the initial Radon result. If the average result of the two short-term tests is equal to or greater than equal to or greater than 4.0 pCi/L, Radon concentration in the room should be lowered.

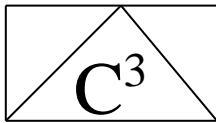
DISCUSSION OF INTIAL RADON SAMPLING RESULTS

The initial Radon short-term sampling in Henley High School buildings were reported with Radon concentrations ranging from <0.3 to 0.9 pCi/L. All Radon test kit samples were reported < 2.0 pCi/L, indicating that a re-test should be performed in 10 years.

CCC appreciates the opportunity to provide initial radon air testing and consulting to Klamath County School District.

Sincerely,

David W. Fawcett
Director of Consulting Operations



Coleman Creek Consulting, Inc.

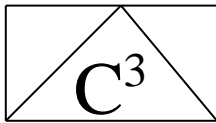
RADON AIR SAMPLE RECORD SHEET

SCHOOL: Henley High School
ADDRESS: 8245 Hwy. 39
Klamath Falls, Oregon

DATE: 12-07-20/12-10-20
SAMPLER: Russel Dean

SERIAL #	BUILDING	Duplicate	LOCATION	START TIME	STOP TIME
9418252	Main		1 – Main Office	0545	0542
9418253	Main		2 – Bookkeeper	0546	0544
9418254	Main		3 – Nurse Room	0547	0545
9418255	Main		4 – Copy Room	0548	0546
9418256	Main		5 – Athletic Office	0552	0548
9418257	Main		6 – Lee Office	0553	0549
9418258	Main		7 – Hamilton Office	0554	0551
9418259	Main		8 – Gray Office	0600	0553
9418260	Main		9 – Resource Office	0601	0555
9418261	Main		10 – Conference Room	0603	0556
9418262	Main	Yes	10 – Conference Room	0604	0557
9418263	Main		11 – Room 204	0607	0558
9418264	Main		12 – Room 203	0609	0559
9418265	Main		13 – Room 202	0611	0600
9418266	Main		14 – Room 94	0614	0601
9418267	Main		15 – Room 100	0615	0602
9418268	Main		16 – Library South	0622	0604
9418269	Main		17 – Library North	0623	0605
9418270	Main		18 – Library East	0624	0606
9418271	Main		19 – Chambrose Office	0626	0607
9418272	Main		20 – Gratsch Office	0629	0609
9418273	Main	Yes	20 – Gratsch Office	0631	0609
9418275	Main		21 – Wilcox Office	0633	0610
9418276	Main		22 – Room 103	0637	0611
9418277	Main		23 – Room 104	0638	0612

Comments: **Spike Sample =**
Blank Sample = 9418274



Coleman Creek Consulting, Inc.

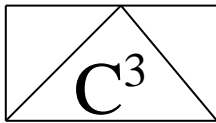
RADON AIR SAMPLE RECORD SHEET

SCHOOL: Henley High School
ADDRESS: 8245 Hwy. 39
Klamath Falls, Oregon

DATE: 12-07-20/12-10-20
SAMPLER: Russel Dean

SERIAL #	BUILDING	Duplicate	LOCATION	START TIME	STOP TIME
9418278	Main		24 – Room 105	0642	0614
9418279	Main		25 – Room 106	0643	0615
9418280	Main		26 – Room 107	0646	0616
9418281	Main		27 – Room 108	0647	0617
9418282	Main		28 – Room 109	0649	0618
9418283	Main		29 – Room 110	0652	0619
9418284	Main		30 – Room 111	0653	0620
9418285	Main	Yes	30 – Room 111	0654	0620
9418287	Main		31 – Room 102	0657	0621
9418288	Main		32 – Room 101	0700	0623
9418289	Main		33 – Computer Lab	0707	0624
9418290	Main		34 – Computer Lab Bath Wall	0708	0625
9418291	Main		35 – Guidance Office	0710	0626
9418292	Main		36 – Room 207	0712	0627
9418293	Main		37 – Room 208	0715	0629
9418294	Main		38 – Room 206 East	0716	0632
9418295	Main		39 – Room 206 South	0717	0632
9418296	Main		40 – Small Gym South	0721	0634
9418297	Main	Yes	40 – Small Gym South	0722	0635
9418299	Main		41 – Small Gym West	0724	0636
9418300	Main		42 – Small Gym East	0725	0637
9418301	Main		43 – Room 302 South	0732	0639
9418302	Main		44 – Room 302 West	0734	0640
9418303	Main		45 – Room 302 East	0735	0641
9418304	Main		46 – Room 302 East	0736	0642

Comments: **Spike Sample = 9418286**
Blank Sample = 9418298



Coleman Creek Consulting, Inc.

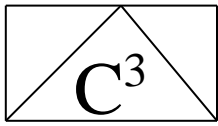
RADON AIR SAMPLE RECORD SHEET

SCHOOL: Henley High School
ADDRESS: 8245 Hwy. 39
Klamath Falls, Oregon

DATE: 12-07-20/12-10-20
SAMPLER: Russel Dean

SERIAL #	BUILDING	Duplicate	LOCATION	START TIME	STOP TIME
9418305	Main		47 – Room	0739	0643
9418306	Main		48 – Room	0741	0644
9418307	Main		49 – Room	0744	0646
9418308	Main		50 – Room	0747	0647
9418309	Main	Yes	50 – Room	0748	0647
9418310	Main		51 – Room	0749	0648
9418311	Main		52 – Room	0751	0649
9418312	Main		53 – Room	0753	0650
9418313	Main		54 – Room	0756	0651
9418314	Main		55 – Room	0757	0653
9418315	Main		56 – Room	0759	0654
9418316	Main		57 – Room	0800	0655
9418317	Main		58 – Room	0801	0656
9418318	Main		59 – Room	0804	0658
9418319	Main		60 – Big Gym West	0809	0704
9418320	Main	Yes	60 – Big Gym West	0810	0705
9418323	Main		61 – Big Gym East	0811	0706
9418324	Main		62 – Big Gym West	0814	0707
9418325	Main		63 – Big Gym East	0816	0709
9418326	Main		64 – Staff Lounge	0820	0711
9418327	Main		65 – Cafeteria North	0821	0712
9418328	Main		66 – Cafeteria East	0822	0713
9418329	Portable		67 – V-Tel Modular	0830	0725
9418330	Portable		68 – V-Tel Modular	0831	0726

Comments: **Spike Sample = 9418321**
Blank Sample = 9418322



Coleman Creek Consulting, Inc.

RADON AIR SAMPLE RECORD SHEET

SCHOOL: Henley High School
ADDRESS: 8245 Hwy. 39
Klamath Falls, Oregon

DATE: 12-07-20/12-10-20
SAMPLER: Russel Dean

SERIAL #	BUILDING	Duplicate	LOCATION	START TIME	STOP TIME
9418331	Transitions		69 – Dining Room	0843	0733
9418332	Transitions		70 – Office 1	0846	0734
9418333	Transitions	Yes	70 – Office 1	0847	0735
9418334	Transitions		71 – Office 2	0849	0736
9418335	Transitions		72 - Classroom	0851	0737

Comments: **Spike Sample =**
Blank Sample =

APPENDIX A

AIR CHEK LABORATORY ANALYSIS REPORT

Radon test result report for:**HENLEY HS****20571800**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9418252	MAIN OFFICE	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418253	ACCOUNTS	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418254	NURSE	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418255	COPY	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418256	ATHLETIC	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418257	LEE OFFICE	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418258	HAM. OFFICE	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418259	GRAY OFFICE	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418260	RESOURCE	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418261	CONF. RM	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418262	CONF. RM	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418263	204	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418264	203	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418265	202	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418266	99	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418267	100	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418268	LIBRARY S	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418269	LIBRARY N	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418270	LIBRARY E	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418271	CHA. OFFICE	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418272	GRA. OFFICE	2020-12-07 @ 6:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418273	GRA. OFFICE	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418274	WIL. OFFICE	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418275	WIL. OFFICE	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	0.6 ± 0.4	2020-12-15
9418276	103	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418277	104	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418278	105	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418279	106	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418280	107	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418281	108	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418282	109	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418283	110	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418284	111	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418285	111	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418286	111	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	17.0 ± 1.1	2020-12-15
9418287	102	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418288	101	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15

Radon test result report for:**HENLEY HS****20571800**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9418289	COMP LAB	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418290	COMP LAB	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418291	GUIDANCE	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418292	207	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418293	208	2020-12-07 @ 7:00 am	2020-12-10 @ 6:00 am	< 0.3	2020-12-15
9418294	206 E	2020-12-07 @ 7:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418295	206 S	2020-12-07 @ 7:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418296	S. GYM S	2020-12-07 @ 7:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418297	S. GYM S	2020-12-07 @ 7:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418298	S. GYM S	2020-12-07 @ 7:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418299	S. GYM W	2020-12-07 @ 7:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418300	S. GYM E	2020-12-07 @ 7:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418301	302S	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418302	302W	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418303	302EN	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418304	302 ES	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418305	302 OFF.	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418306	301	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	0.7 ± 0.5	2020-12-15
9418307	212	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418308	211	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418309	211	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418310	210	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418311	209	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418312	118	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418313	117	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418314	117 OFF.	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418315	116	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418316	115	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418317	114	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418318	113	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418319	B. GYM WS	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418320	B. GYM WS	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418321	B. GYM WS	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	14.4 ± 1.0	2020-12-15
9418322	B. GYM WS	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418323	B. GYM ES	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418324	B. GYM WN	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418325	B. GYM EN	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15

December 24, 2020

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

HENLEY HS

20571800

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9418326	LOUNGE	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418327	CAFé. N	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418328	CAFé. E	2020-12-07 @ 8:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15

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

December 24, 2020

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
HENLEY HS
20571803

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9418329	PORT 1	2020-12-07 @ 9:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15
9418330	PORT 1	2020-12-07 @ 9:00 am	2020-12-10 @ 7:00 am	< 0.3	2020-12-15

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

December 24, 2020

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

HENLEY HS

20572400

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9418331	TRANS. DR	2020-12-07 @ 9:00 am	2020-12-10 @ 8:00 am	< 0.3	2020-12-15
9418332	TRANS. O1	2020-12-07 @ 9:00 am	2020-12-10 @ 8:00 am	< 0.3	2020-12-15
9418333	TRANS. O1	2020-12-07 @ 9:00 am	2020-12-10 @ 8:00 am	0.9 ± 0.4	2020-12-15
9418334	TRANS. O2	2020-12-07 @ 9:00 am	2020-12-10 @ 8:00 am	< 0.3	2020-12-15
9418335	TRANS. CLASS	2020-12-07 @ 9:00 am	2020-12-10 @ 8:00 am	< 0.3	2020-12-15

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

APPENDIX B

BOWSER-MORNER RADON SPIKE EXPOSURE

EXPOSURE IN BOWSER-MORNER RADON CHAMBER

CLIENT Coleman Creek Consulting, Inc. Job Number 198582

NOMINAL Conditions: Radon Conc 25.7 pCi/L Rel. Hum 59.0 % Temp. 70.3 F

Date Start: 12/4/20 Date Stop: 12/7/20 Date Start: _____ Date Stop: _____

Time Start: 0923 Time Stop: 0923 Time Start: _____ Time Stop: _____

(Group 1)

Device No.'s: (12) Char Bags -

9417935, 9417970, 9418007,

9418060, 9418096, 9418127,

9418163, 9418190, 9418226,

9418250, 9418286, 9418321

Device No.'s: _____

R5 Left

Date Start: ^{rem} 12/4/20 Date Stop: 12/7/20 Date Start: _____ Date Stop: _____

Time Start: 0927 Time Stop: 0927 Time Start: _____ Time Stop: _____

(Group 2)

Device No.'s: (13) Char Bags -

9418370, 9418418, 9418465, 9418500,

9418566, 9418601, 9418660,

9418695, 9418771, 9418747,

9418806, 9418846, 9418875

Device No.'s: _____

R5 Right

Date Start: _____ Date Stop: _____ Date Start: _____ Date Stop: _____

Time Start: _____ Time Stop: _____ Time Start: _____ Time Stop: _____

Device No.'s: _____ Device No.'s: _____

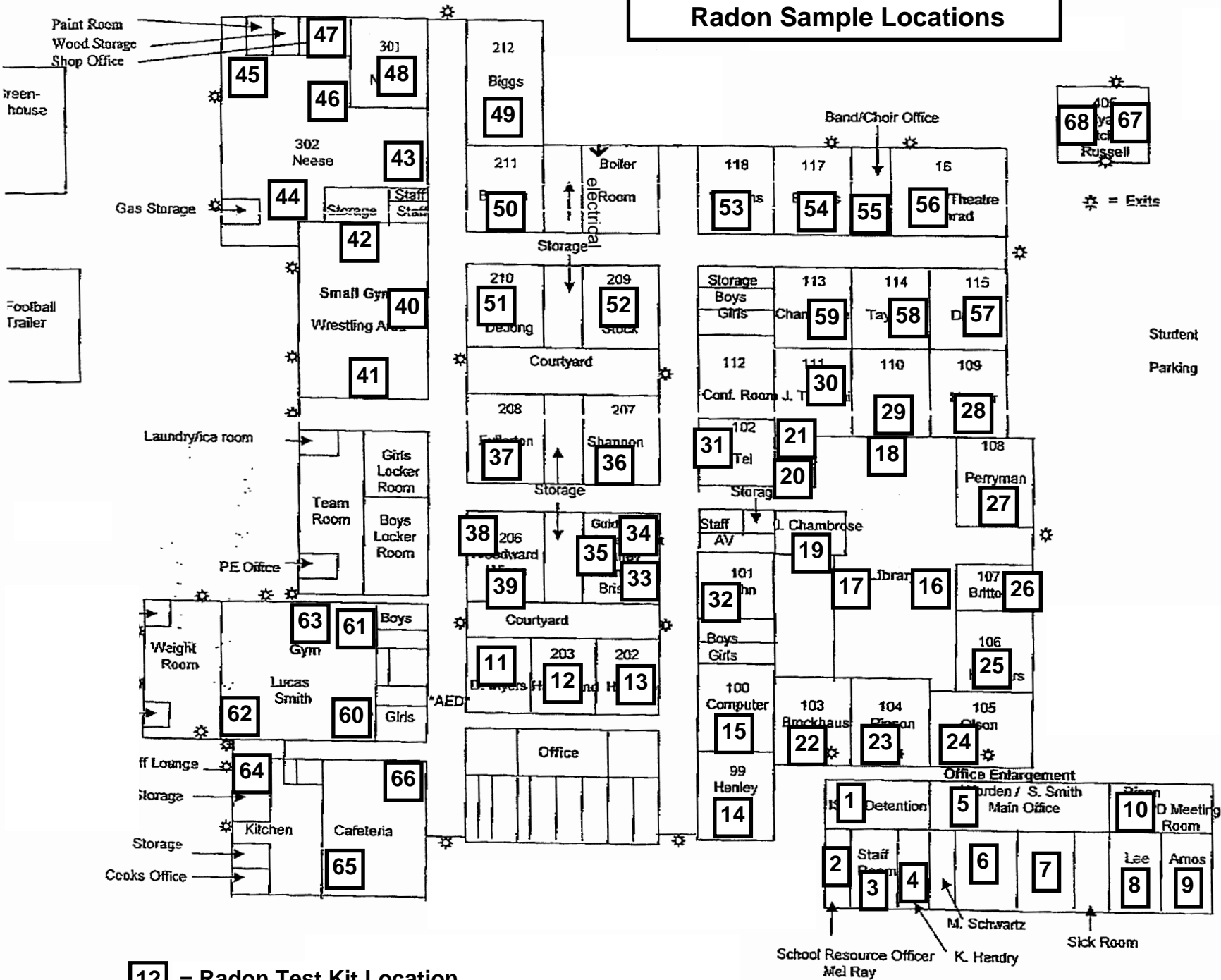
Note: All times are in 24-hour (military) notation, Eastern Standard Time (EST)
Background = 7 μ R/h Elevation = 820 ft

APPENDIX C

RADON SAMPLING LOCATION DIAGRAM

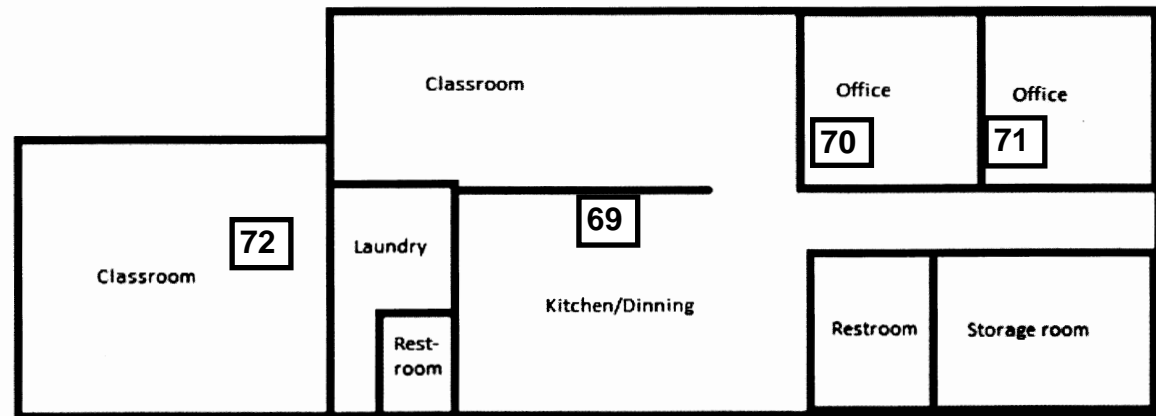
HENLEY HIGH SCHOOL

Radon Sample Locations



12 = Radon Test Kit Location

Transitions House



70 = Radon Test Kit Location