

Sent via electronic mail: aneta.mistak@d214.org

Ms. Aneta Mistak
Assistant Director of Operations
Township High School District 214
2121 S. Goebbert Road
Arlington Heights, IL 60005

Re: Radon Testing – Prospect High School

Dear Ms. Mistak:

Date February 7, 2024

Signed into law on January 1, 2010, Public Act 96-0417 recommends, requires and/or authorizes the following action with regard to radon and schools in Illinois:

1. Recommends all Illinois school districts test their school buildings every five years.
2. Requires Illinois schools that do test for radon to report the results to the State Board of Education. The State Board of Education will then report radon test data bi-annually to the General Assembly. This data will be made public.

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Ref 1940105696-006

At the request of Township High School District 214 (THSD214), Ramboll Americas Engineering Services, Inc. (Ramboll) retained Radon Detection Specialists, Inc. to perform a radon survey at Prospect High School (PHS), 801 W, Kensington Road, Mount Prospect, Illinois. Radon Detection Specialists are licensed by the Illinois Emergency Management Agency (IEMA) Department of Nuclear Safety for both residential and commercial radon testing. The survey was conducted from December 4-6, 2023.

Radon is an odorless, tasteless, and colorless radioactive gas that comes from the decay of naturally occurring uranium in the soil. At PHS, two-hundred and four (204) passive radon detection devices (electret ionization chambers – Eperms™) were deployed in one-hundred and seventy-seven (177) locations on December 6 and retrieved on December 6, 2023 for this survey. The Eperms were placed in the rooms by a State of Illinois Licensed Radon Professional.

Radon measurements were determined to be above the United States Environmental Protection Agency (USEPA) and Illinois Emergency Management Agency Division of Nuclear Safety (IEMA) Action Level (AL) of 4.0 picocuries per liter (pCi/L) in 3 locations (basement storage rooms small, medium, and large). Results were invalid in two locations. Retesting in these locations was completed from January 17-19, 2024. The original testing results and the retesting results were averaged together for a final result. Results of the retesting indicated that average radon measurements in basement storage room small (6.5 pCi/L), medium (6.2 pCi/L), and large (5.7 pCi/L) were above the action level of 4.0 pCi/L. These building areas are considered unoccupied unless occupied by someone for 4 or more hours a day.

Attached is the full report forwarded from Radon Detection Specialists outlining basics of radon and radon health impacts, scope of work, quality assurance plan, device results and site notes, summary, and recommendations.

If you have any questions regarding the above report, please do not hesitate to contact our office. Ramboll thanks you for the opportunity to be of continued service to THSD214.

Sincerely,

Ramboll Americas Engineering Solutions, Inc.



Scott C. Fountain
Managing Consultant

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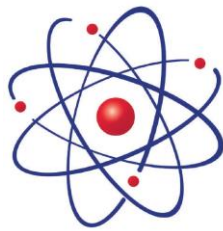
Reviewed and Approved by,



Kevin E. Aikman, Ph.D., CIH, FAIHA
Principal

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ATTACHMENT



**RADON
DETECTION
SPECIALISTS**

RADON TEST REPORT
INITIAL RADON MEASUREMENT

FACILITY NAME: PROSPECT HIGH SCHOOL

Test Site: 801 W Kensington Road
Mt. Prospect, IL 60056

Report Date: December 6, 2023



Radon Detection Specialists, Inc.
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Report Prepared By: Kirsten Schmidt, NRPP018034RMP,
NRSB1355016, RNI2006214
kirstens@radondetection.net

Facility Name: Prospect High School
Test Site: 801 W Kensington Road
Mt. Prospect, IL 60056
Test Dates: Monday, December 04, 2023 to Wednesday, December 06, 2023

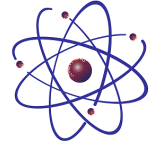
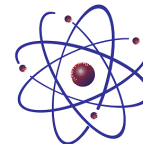


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Section 1.0 Radon Health Effects

Radon is recognized by the Environmental Protection Agency as well as the scientific and medical communities as a Class A carcinogen, accounting for 15,000 – 22,000 lung cancer deaths annually. Exposure to radon gas is the leading cause of lung cancer among non-smokers.

Radon is a naturally occurring, radioactive gas which comes from the soil. It can't be seen, smelled or tasted. The only way to know if the level of radon gas in your building exceeds the recommended Action Level of 4.0 pCi/L is to test. The Department of Nuclear Safety in Illinois requires those testing for radon in commercial buildings, schools and multi-family housing communities, as well as individual residences, to be properly licensed.

The amount of radon in the soil depends on soil chemistry, which naturally varies. Radon levels in the soil can range from a few hundred to several thousands of pCi/L (pico Curies per liter of air). The amount of radon that escapes from the soil and enters the building depends on the weather, soil porosity, soil moisture, and the suction within the building.

Radon is the leading cause of lung cancer among non-smokers.

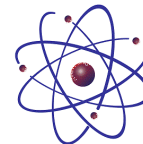
- There is no safe level of radon exposure. Any exposure causes some risk of developing cancer. The National Academy of Sciences (NAS) concluded that only cigarette smoking poses a greater risk. Exposure to radon accounts for 10% of all lung cancer deaths annually.
- As we breathe, the alpha radiation from radon and its decay products cause damage to the sensitive lung tissue. Most of the radiation dose is not actually from radon itself, but rather from radon's chain of short-lived decay products that are inhaled and lodge in the airways of the lungs. These radionuclides decay quickly, producing other radionuclides that continue damaging the lung tissue. Those particles that are retained long enough release radiation and damage the surrounding lung tissue. It is this damage that can lead to lung cancer.

What other health risks are related to radon exposure?

- No other respiratory ailments are linked to radon exposure.
- There are preliminary studies that are looking at the link between radon exposure and the development of Parkinson's and Alzheimer's disease. These are early studies, and research is on-going.



Facility Name: Prospect High School
Test Site: 801 W Kensington Road
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Section 2.0 Radon Testing Protocol for This Site

Pre-Deployment Testing Strategy

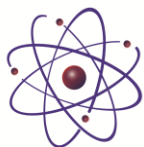
Measurements will be conducted in all areas of the subject building with soil contact, as well as 10% of upper level rooms, calculated on a per floor basis. A minimum of 1 detector will be placed every 2000 square feet in open areas. Measurements will not be conducted in rooms that are not frequently occupied such as closets, storage rooms, restrooms, hallways, and stairwells unless the space is considered alterable for future regular use, or the measurement is taken for diagnostic purposes.

Materials and Methods

RDS will use electret ionization chambers to measure radon levels in the air in the above referenced property. The test will comply with all protocols set forth by IEMA and ANSI/AARST, as well as the RDS Quality Assurance Plan.

Duplicate measurements will be conducted for not less than 10% of the total single devices placed to measure precision. Field blanks will be deployed for not less than 5% of the total number of single measurements deployed to measure background gamma radiation. Spike tests are conducted monthly at an independent lab, at a minimum of 3% for the total number of devices deployed (annually) or at a rate of 6 spikes per calendar month, to measure accuracy. The initial voltage reading will take place not more than 24 hours prior to deployment and the final voltage of the devices will be determined within 24 hours of retrieval.

RDS will locate devices in such a way to limit unintentional interference from building occupants. A walk-through inspection of the building will allow RDS to document observations regarding radon entry mechanisms and general building pressure gradients. Measurement results will be reported in picoCuries per liter (pCi/L) of air.

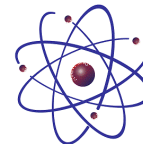


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Facility Name: Prospect High School
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Section 3.0 Scope of Work Performed

Radon Detection Specialists performed an Initial Radon Measurement at Prospect High School, located at 801 W Kensington Road, in Mt. Prospect, Illinois.

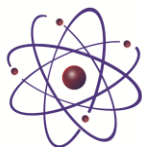
This scope of work included a 2-day (short-term) radon test. This measurement was conducted from Monday, December 4, 2023 to Wednesday, December 6, 2023.

The testing was conducted in accordance with the Illinois Emergency Management Agency Department of Nuclear Safety (IEMA) and the United States Environmental Protection Agency testing protocols for commercial radon measurements, ANSI/AARST standards, the device manufacturer's recommendations, and the RDS Quality Assurance Plan.

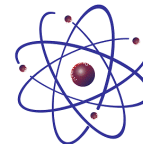
The devices used at this facility were electret ionization chambers (Eperms™) manufactured by RadElec, Inc.

A total of 204 devices were deployed at this site in these configurations:

Measurement Type	Number of Devices
Single	177
Duplicate	18
Blank	9



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Section 4.0 Site Conditions and Device Placement

Site Conditions

1. The subject building was occupied and fully-functional during this radon measurement.
2. The testing period was noted to have been unremarkable in terms of changes/repairs to the building functionality and the weather.
3. The subject building has a small partial basement used for Storage purposes, and then a partial 2nd and a partial 3rd story.
4. At device retrieval, the testing device deployed in the Lobby of 146 was noted to have been prematurely closed. The results for this location are invalid.
5. At device retrieval, the windows in Classroom 159 were noted to be open. Results for this location are invalid.

Device Locations

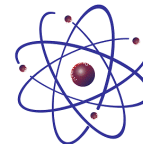
If an appropriate and accurate drawing is provided by the client and dimensional device plotting is possible, Appendix B provides a detailed drawing showing the device locations. If Appendix B is blank, please refer to the Device Placement columns provided in Appendix A (Room Use and Room Number) as an explanation of device locations.

The building was tested in accordance with IEMA and ANSI/AARST protocols with regard to device placement and analytical methods of calculating results.

1. Tampering was not detected at the time the devices were retrieved, unless noted in the Comment Column.
2. Devices were placed strategically to reduce accidental interference by building occupants.
3. Duplicates are averaged together. It is the average of the two devices upon which Follow-Up Testing and mitigation decisions should be based.



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Section 5.0 Test Location Results and Recommendations

Test Location Results Table

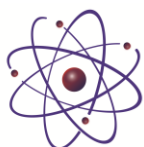
The table below lists the radon test results by location in the facility.

Because radon levels fluctuate hourly, daily, weekly, seasonally and yearly, these results should not be used to estimate radon levels of rooms that were not measured, or to estimate future radon levels of rooms that were measured.

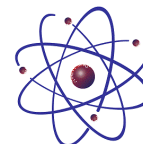
Changes to the building components (both structural and mechanical) can affect radon concentrations.

The EPA Action Level is 4.0 picoCuries per Liter (pCi/L).

Location #	Room Name/Number	Description	Results (pCi/L)
1	136A	Office	2.2
2	136	Classroom	1.0
3	136 Dark	Room	0.6
4	134	Classroom	0.7
5	134	Storage	1.5
6	135	Classroom	0.8
7	153A Band Locker	Storage	1.2
8	153B	Storage	0.9
9	153	Classroom	0.1
10	153	Office	0.3
11	Storage outside Band	Storage	1.4
12	154	Classroom	1.6
13	154A	Storage	1.4
14	153-6	Room	0.5
15	153-5	Room	1.2
16	153-4	Room	0.8
17	153-3	Room	1.4
18	153-2	Room	0.8
19	153-1	Room	0.0
20	155	Office	0.7
21	156	Room	1.7
22	152	Classroom	0.5
23	152A	Office	0.4



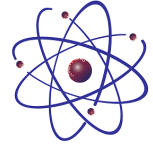
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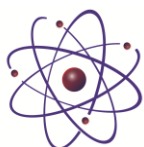
24	152B	Storage	1.7
25	Basement Lg Storage	Storage	5.5
26	Basement Medium Storage	Storage	5.7
27	Basement Small Storage	Storage	5.5
28	Auditorium	Room	0.7
29	151	Room	0.9
30	150	Room	1.1
31	150A	Office	0.7
32	Cafeteria A	Area	0.9
33	Cafeteria B	Area	0.7
34	Cafeteria Cafe/Store	Area	0.6
35	Kitchen	Kitchen	0.8
36	Kitchen Office	Office	0.6
37	Kitchen Lounge	Room	0.4
38	Storage	Kitchen	1.1
39	Kitchen Office B	Office	0.6
40	157 I Boiler Rm	Maintenance	0.6
41	157H Lounge	Maintenance	0.4
42	157G	Maintenance	0.9
43	157A	Room	0.9
44	157B	Storage	0.7
45	157B	Kitchen	0.7
46	157	Classroom	0.1
47	Commons	Area	1.1
48	Commons 2	Area	1.1
49	Commons Security	Office	0.2
50	161	Classroom	0.7
51	160	Classroom	0.4
52	159	Classroom	Invalid
53	158	Classroom	0.7
54	145	Classroom	1.3
55	144	Classroom	1.0
56	143	Classroom	1.2
57	148 A & B Community	Room	-0.4
58	147 Lobby	Office	0.6
59	147 Assoc Principle	Office	1.3
60	147 Lounge	Area	1.3
61	147 Police Counselor	Office	0.9
62	147 Break Room	Room	0.6



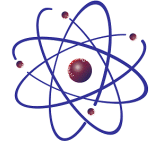
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63	146 Lobby	Area	Invalid
64	146 Jenna	Office	1.8
65	146 Adam	Office	0.5
66	146 Nicholas	Office	1.0
67	142	Classroom	0.9
68	141 Conference	Room	2.3
69	140	Classroom	1.4
70	162	Classroom	1.2
71	162 Sound	Room	2.8
72	163	Storage	1.1
73	163	Classroom	1.7
74	163 B	Office	0.9
75	163C	Office	2.1
76	163 A	Office	0.5
77	164 Conf	Room	0.4
78	165	Office	1.1
79	166	Classroom	0.6
80	166A	Classroom	0.6
81	166	Office	0.3
82	167	Classroom	2.0
83	167A	Classroom	1.2
84	169	Classroom	1.6
85	179 Gymnastics	Room	1.4
86	179 Gymnastics 2nd loc	Room	0.9
87	190 P	Office	1.2
88	Basement	Room	0.4
89	178 Lounge	Area	0.9
90	178	Office	1.2
91	335	Classroom	0.7
92	316	Classroom	0.6
93	308	Classroom	0.4
94	338	Classroom	1.1
95	200	Classroom	0.5
96	203	Classroom	0.5
97	218D	Classroom	0.9
98	225	Classroom	-0.7
99	106A	Classroom	1.3
100	100	Classroom	1.3
101	106B	Classroom	1.0



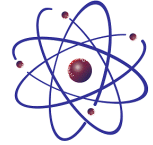
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102	102	Classroom	0.7
103	106I	Office	0.9
104	104	Classroom	0.7
105	106E	Classroom	0.7
106	106F	Office	0.4
107	106	Area	0.9
108	106	Area	0.9
109	106C	Classroom	1.1
110	106D	Office	0.6
111	108	Classroom	0.9
112	110	Classroom	1.0
113	101	Classroom	1.7
114	103	Classroom	1.3
115	107	Area	0.6
116	107 - Associate Principal	Office	1.0
117	112	Classroom	1.1
118	109	Area	0.8
119	114L	Office	-0.1
120	114K	Office	0.9
121	114M	Office	1.2
122	114J	Office	0.7
123	114N	Office	1.3
124	114I	Office	2.0
125	114H	Office	1.8
126	114O	Office	1.7
127	114P	Office	0.2
128	114G	Office	1.0
129	114F	Office	0.5
130	114	Office	0.7
131	114E	Office	2.1
132	114C	Office	0.9
133	114D	Office	0.6
134	114A	Office	1.3
135	114B	Office	1.2
136	116	Classroom	1.9
137	Main Office	Office	1.3
138	Principal	Office	0.2
139	Main Office Conference Room	Office	1.2



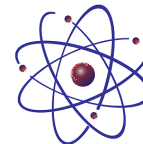
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140	Master Schedule Office	Office	1.7
141	Associate Principal	Office	1.5
142	107A File Room	Storage	0.4
143	138 Health Services	Office	1.4
144	138 Examination	Room	1.1
145	138 Office	Office	3.4
146	137	Classroom	1.0
147	133	Classroom	1.3
148	132	Classroom	0.4
149	131	Classroom	0.9
150	129	Classroom	0.5
151	130	Classroom	0.9
152	127	Classroom	0.8
153	128	Classroom	1.5
154	125	Classroom	0.6
155	126	Classroom	1.2
156	124	Classroom	1.4
157	122	Classroom	0.5
158	120	Classroom	1.1
159	171A	Storage	1.2
160	171	Area	0.7
161	170	Area	0.9
162	171	Area	1.5
163	172	Office	0.4
164	172 Office	Office	2.6
165	173	Classroom	0.9
166	175	Office	1.2
167	174A	Storage	1.0
168	Fieldhouse	Area	0.5
169	Fieldhouse	Area	1.3
170	Lobby (near door 24)	Area	1.2
171	Fieldhouse	Area	1.0
172	176G Maintenance Closet	Storage	1.4
173	176I	Room	1.1
174	176D Athletic Storage	Storage	2.3
175	Lobby (near door 13)	Area	0.1
176	Pool	Area	1.3
177	Pool	Area	1.2



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List of Locations with Missing Devices or Invalid Results:

Recommendation: *Perform another measurement.*

Room Name/Number	Description	Notes
146 Lobby	Area	Prematurely Closed
159	Classroom	Windows open at retrieval

It is the recommendation of this testing professional to perform another short-term test in locations with invalid or missing measurements.

List of Locations Above the Action Level

Recommendation: *Perform a Follow-Up test.*

Room Name/Number	Description	Results
Basement Lg Storage	Storage	5.5
Basement Medium Storage	Storage	5.7
Basement Small Storage	Storage	5.5

It is the recommendation of this testing professional to perform another measurement to confirm elevated radon levels.

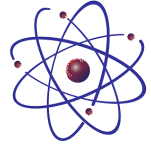
When elevated levels of an initial short-term measurement are between 4.0 pCi/L and 7.9 pCi/L, either a short-term or a long-term Follow-Up measurement is recommended. A long-term test lasts a minimum of 90 days.

When elevated levels of an initial short-term measurement are at or above 8.0 pCi/L, only a short-term Follow-Up measurement is recommended.

If the average of both short-term measurements, or the results of a single long-term measurement, confirms elevated radon levels, consultation with a licensed commercial mitigation firm will be recommended. If the results of the second short-term survey do not confirm elevated levels, long-term testing will be recommended in these locations.



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A Note about Long-Term Testing

The EPA and IEMA Action Level of 4.0 pCi/L is based on annual average exposure. As a matter of best practice in measurement, a long-term measurement is the best way to determine occupants' annual exposure because radon levels vary hourly, daily, weekly, seasonally, and over the years. Long-term testing (lasting 90 days to one year) provides a better understanding of building radon concentrations and the risks of exposure to radon.

To have a thorough understanding of occupants' risk of exposure, a long-term measurement is always recommended. This type of measurement will provide the best indication of radon concentrations and are the basis upon which mitigation decisions should be made.

Should you choose to engage in a long-term measurement as recommended, please contact us for further details.

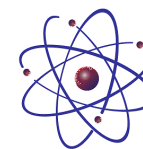


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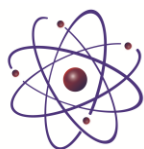
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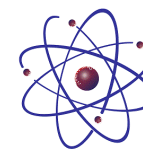
Appendix A: Device Table

The table below lists all the devices deployed and their reported radon levels. The results were determined using calculations supplied by the device manufacturer.

Location #	Serial Number	Room Name/Number	Room Description	Foundation	Occupiable?	Start Day/Time	V1	End Day/Time	V2	Invalid or Missing?	Device Radon Level (pCi/L)	Set Type
1	SDQ662	136A	Office	Slab-on-Grade	Yes	12/4/2023 9:40 AM	381	12/6/2023 10:56 AM	370		2.2	S
2	SND287	136	Classroom	Slab-on-Grade	Yes	12/4/2023 9:42 AM	325	12/6/2023 10:59 AM	319		1.0	S
2	SLE214	136	Classroom	Slab-on-Grade	Yes	12/4/2023 9:42 AM	217	12/6/2023 11:00 AM	211		1.0	D
3	SDG060	136 Dark	Room	Slab-on-Grade	Yes	12/4/2023 9:44 AM	405	12/6/2023 10:59 AM	400		0.6	S
3	SDH455	136 Dark	Room	Slab-on-Grade	Yes	12/4/2023 9:46 AM	99	12/6/2023 11:00 AM	99		-0.7	B
4	SDF914	134	Classroom	Slab-on-Grade	Yes	12/4/2023 9:47 AM	271	12/6/2023 10:58 AM	266		0.7	S
5	SDQ729	134	Storage	Slab-on-Grade	Yes	12/4/2023 9:49 AM	369	12/6/2023 11:02 AM	361		1.5	S
6	SNE569	135	Classroom	Slab-on-Grade	Yes	12/4/2023 9:50 AM	570	12/6/2023 11:02 AM	564		0.8	S
7	SDW447	153A Band Locker	Storage	Slab-on-Grade	Yes	12/4/2023 9:52 AM	308	12/6/2023 11:05 AM	302		1.0	S



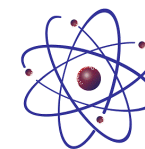
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7	SNE730	153A Band Locker	Storage	Slab-on-Grade	Yes	12/4/2023 9:54 AM	612	12/6/2023 11:04 AM	604		1.3	D
8	SND410	153B	Storage	Slab-on-Grade	Yes	12/4/2023 9:56 AM	478	12/6/2023 11:04 AM	472		0.9	S
9	SDQ574	153	Classroom	Slab-on-Grade	Yes	12/4/2023 9:57 AM	432	12/6/2023 11:09 AM	429		0.1	S
10	SND445	153	Office	Slab-on-Grade	Yes	12/4/2023 9:58 AM	600	12/6/2023 11:09 AM	596		0.3	S
11	SNG658	Storage outside Band	Storage	Slab-on-Grade	Yes	12/4/2023 10:01 AM	486	12/6/2023 11:07 AM	478		1.4	S
12	SDG517	154	Classroom	Slab-on-Grade	Yes	12/4/2023 10:01 AM	228	12/6/2023 11:06 AM	220		1.6	S
13	SNF961	154A	Storage	Slab-on-Grade	Yes	12/4/2023 10:04 AM	470	12/6/2023 11:07 AM	462		1.4	S
14	SLL815	153-6	Room	Slab-on-Grade	Yes	12/4/2023 10:07 AM	155	12/6/2023 11:14 AM	151		0.5	S
15	SDF968	153-5	Room	Slab-on-Grade	Yes	12/4/2023 10:08 AM	391	12/6/2023 11:12 AM	384		1.2	S
16	SNE437	153-4	Room	Slab-on-Grade	Yes	12/4/2023 10:09 AM	546	12/6/2023 11:12 AM	540		0.8	S
17	SDC943	153-3	Room	Slab-on-Grade	Yes	12/4/2023 10:11 AM	388	12/6/2023 11:13 AM	380		1.4	S
18	SDG461	153-2	Room	Slab-on-Grade	Yes	12/4/2023 10:13 AM	227	12/6/2023 11:13 AM	222		0.8	S
19	SDM761	153-1	Room	Slab-on-Grade	Yes	12/4/2023 10:14 AM	116	12/6/2023 11:14 AM	114		0.0	S
20	SDQ763	155	Office	Slab-on-Grade	Yes	12/4/2023 10:15 AM	413	12/6/2023 11:15 AM	409		0.4	S
20	SNE523	155	Office	Slab-on-Grade	Yes	12/4/2023 10:16 AM	507	12/6/2023 11:15 AM	501		0.9	D



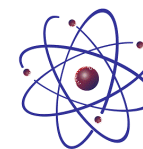
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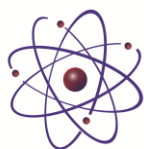
21	SDG248	156	Room	Slab-on-Grade	Yes	12/4/2023 10:19 AM	376	12/6/2023 11:18 AM	367		1.7	S
22	SDF770	152	Classroom	Slab-on-Grade	Yes	12/4/2023 10:23 AM	248	12/6/2023 11:27 AM	244		0.5	S
22	SDI952	152	Classroom	Slab-on-Grade	Yes	12/4/2023 10:24 AM	107	12/6/2023 11:28 AM	107		-0.7	B
23	SDW167	152A	Office	Slab-on-Grade	Yes	12/4/2023 10:26 AM	407	12/6/2023 11:27 AM	403		0.4	S
24	SDW555	152B	Storage	Slab-on-Grade	Yes	12/4/2023 10:26 AM	428	12/6/2023 11:28 AM	419		1.7	S
25	SMR587	Basement Lg Storage	Storage	Basement	Yes	12/4/2023 10:34 AM	277	12/6/2023 11:21 AM	255		5.5	S
26	SND271	Basement Medium Storage	Storage	Basement	Yes	12/4/2023 10:36 AM	210	12/6/2023 11:22 AM	188		5.7	S
27	SNG615	Basement Small Storage	Storage	Basement	Yes	12/4/2023 10:37 AM	462	12/6/2023 11:21 AM	438		5.5	S
28	SNF992	Auditorium	Room	Slab-on-Grade	Yes	12/4/2023 10:40 AM	299	12/6/2023 11:26 AM	294		0.7	S
29	SNG679	151	Room	Slab-on-Grade	Yes	12/4/2023 10:44 AM	140	12/6/2023 11:30 AM	135		0.9	S
30	SND537	150	Room	Slab-on-Grade	Yes	12/4/2023 10:46 AM	516	12/6/2023 11:31 AM	509		1.1	S
31	SMR681	150A	Office	Slab-on-Grade	Yes	12/4/2023 10:47 AM	378	12/6/2023 11:30 AM	373		0.7	S
32	SDG434	Cafeteria A	Area	Slab-on-Grade	Yes	12/4/2023 10:50 AM	357	12/6/2023 11:35 AM	351		0.9	S
33	SDG333	Cafeteria B	Area	Slab-on-Grade	Yes	12/4/2023 10:52 AM	329	12/6/2023 11:34 AM	324		0.7	S
34	SNG848	Cafeteria Cafe/Store	Area	Slab-on-Grade	Yes	12/4/2023 10:54 AM	480	12/6/2023 11:37 AM	475		0.6	S



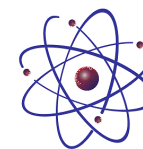
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35	SDG449	Kitchen	Kitchen	Slab-on-Grade	Yes	12/4/2023 10:56 AM	216	12/6/2023 11:38 AM	211		0.8	S
36	SDW537	Kitchen Office	Office	Slab-on-Grade	Yes	12/4/2023 10:59 AM	438	12/6/2023 11:42 AM	433		0.6	S
37	SDW441	Kitchen Lounge	Room	Slab-on-Grade	Yes	12/4/2023 11:00 AM	424	12/6/2023 11:41 AM	420		0.4	S
38	SNS085	Storage	Kitchen	Slab-on-Grade	Yes	12/4/2023 11:01 AM	688	12/6/2023 11:41 AM	681		1.1	S
39	SDQ615	Kitchen Office B	Office	Slab-on-Grade	Yes	12/4/2023 11:05 AM	152	12/6/2023 11:41 AM	148		0.6	S
40	SDF785	157 I Boiler Rm	Maintenance	Basement	Yes	12/4/2023 11:08 AM	429	12/6/2023 11:46 AM	425		0.4	S
40	SNG215	157 I Boiler Rm	Maintenance	Basement	Yes	12/4/2023 11:08 AM	336	12/6/2023 11:45 AM	331		0.7	D
41	SNG136	157H Lounge	Maintenance	Slab-on-Grade	Yes	12/4/2023 11:11 AM	487	12/6/2023 11:45 AM	483		0.4	S
42	SNG847	157G	Maintenance	Slab-on-Grade	Yes	12/4/2023 11:13 AM	462	12/6/2023 11:43 AM	456		0.9	S
42	SDQ518	157G	Maintenance	Slab-on-Grade	Yes	12/4/2023 11:14 AM	105	12/6/2023 11:43 AM	104		-0.3	B
43	SNF988	157A	Room	Slab-on-Grade	Yes	12/4/2023 11:16 AM	486	12/6/2023 11:49 AM	480		0.9	S
44	SDQ706	157B	Storage	Slab-on-Grade	Yes	12/4/2023 11:18 AM	276	12/6/2023 12:01 PM	271		0.7	S
45	SDW750	157B	Kitchen	Slab-on-Grade	Yes	12/4/2023 11:19 AM	269	12/6/2023 12:00 PM	264		0.7	S
46	SNF950	157	Classroom	Slab-on-Grade	Yes	12/4/2023 11:23 AM	385	12/6/2023 11:56 AM	382		0.1	S
47	SDH601	Commons	Area	Slab-on-Grade	Yes	12/4/2023 11:25 AM	172	12/6/2023 12:02 PM	166		1.1	S



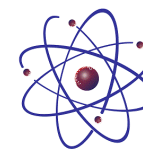
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48	SNS213	Commons 2	Area	Slab-on-Grade	Yes	12/4/2023 11:25 AM	608	12/6/2023 12:04 PM	601		1.1	S
49	SDK231	Commons Security	Office	Slab-on-Grade	Yes	12/4/2023 11:27 AM	239	12/6/2023 12:05 PM	236		0.2	S
50	SDQ661	161	Classroom	Slab-on-Grade	Yes	12/4/2023 11:30 AM	306	12/6/2023 11:49 AM	301		0.7	S
51	SNE692	160	Classroom	Slab-on-Grade	Yes	12/4/2023 11:32 AM	558	12/6/2023 11:51 AM	554		0.4	S
52	SDG426	159	Classroom	Slab-on-Grade	Yes	12/4/2023 11:34 AM	294	12/6/2023 11:52 AM	290	Invalid		S
52	SDV801	159	Classroom	Slab-on-Grade	Yes	12/4/2023 11:34 AM	94	12/6/2023 11:53 AM	94	Invalid		B
53	SDH533	158	Classroom	Slab-on-Grade	Yes	12/4/2023 11:35 AM	141	12/6/2023 11:55 AM	137		0.6	S
53	SNE575	158	Classroom	Slab-on-Grade	Yes	12/4/2023 11:36 AM	451	12/6/2023 11:54 AM	446		0.7	D
54	SND524	145	Classroom	Slab-on-Grade	Yes	12/4/2023 11:40 AM	292	12/6/2023 12:09 PM	285		1.3	S
55	SDC892	144	Classroom	Slab-on-Grade	Yes	12/4/2023 11:42 AM	306	12/6/2023 12:10 PM	301		0.7	S
55	SDW467	144	Classroom	Slab-on-Grade	Yes	12/4/2023 11:43 AM	161	12/6/2023 12:11 PM	155		1.2	D
56	SNI426	143	Classroom	Slab-on-Grade	Yes	12/4/2023 11:44 AM	428	12/6/2023 12:12 PM	421		1.2	S
56	SNE456	143	Classroom	Slab-on-Grade	Yes	12/4/2023 11:45 AM	542	12/6/2023 12:12 PM	535		1.1	D
57	SDH361	148 A & B Community	Room	Slab-on-Grade	Yes	12/4/2023 11:47 AM	169	12/6/2023 12:07 PM	168		-0.4	S
58	SNG843	147 Lobby	Office	Slab-on-Grade	Yes	12/4/2023 11:50 AM	599	12/6/2023 12:14 PM	594		0.6	S



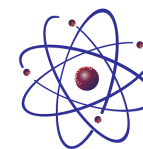
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59	SDF668	147 Assoc Principle	Office	Slab-on-Grade	Yes	12/4/2023 11:52 AM	278	12/6/2023 12:14 PM	271		1.3	S
60	SDQ734	147 Lounge	Area	Slab-on-Grade	Yes	12/4/2023 11:54 AM	291	12/6/2023 12:21 PM	284		1.3	S
61	SDQ622	147 Police Counselor	Office	Slab-on-Grade	Yes	12/4/2023 11:56 AM	513	12/6/2023 12:21 PM	507		0.9	S
62	SDQ617	147 Break Room	Room	Slab-on-Grade	Yes	12/4/2023 11:57 AM	456	12/6/2023 12:20 PM	451		0.6	S
63	SDH609	146 Lobby	Area	Slab-on-Grade	Yes	12/4/2023 11:59 AM	217	12/6/2023 12:16 PM	211	Invalid		S
64	SDD023	146 Jenna	Office	Slab-on-Grade	Yes	12/4/2023 12:00 PM	347	12/6/2023 12:20 PM	338		1.8	S
65	SDU693	146 Adam	Office	Slab-on-Grade	Yes	12/4/2023 12:01 PM	234	12/6/2023 12:18 PM	230		0.5	S
66	SMR791	146 Nicholas	Office	Slab-on-Grade	Yes	12/4/2023 12:02 PM	276	12/6/2023 12:17 PM	270		1.0	S
67	SNE698	142	Classroom	Slab-on-Grade	Yes	12/4/2023 12:04 PM	493	12/6/2023 12:27 PM	487		0.9	S
68	SDO545	141 Conference	Room	Slab-on-Grade	Yes	12/4/2023 12:06 PM	408	12/6/2023 12:27 PM	397		2.3	S
69	SDW787	140	Classroom	Slab-on-Grade	Yes	12/4/2023 12:08 PM	188	12/6/2023 12:25 PM	181		1.4	S
70	SDC862	162	Classroom	Slab-on-Grade	Yes	12/4/2023 12:16 PM	334	12/6/2023 12:39 PM	327		1.2	S
71	SDH426	162 Sound	Room	Slab-on-Grade	Yes	12/4/2023 12:17 PM	410	12/6/2023 12:41 PM	397		2.8	S
72	SNS144	163	Storage	Slab-on-Grade	Yes	12/4/2023 12:19 PM	718	12/6/2023 12:41 PM	711		1.1	S
73	SDW440	163	Classroom	Slab-on-Grade	Yes	12/4/2023 12:20 PM	370	12/6/2023 12:42 PM	361		1.8	S



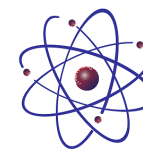
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73	SDF466	163	Classroom	Slab-on-Grade	Yes	12/4/2023 12:21 PM	262	12/6/2023 12:37 PM	254		1.6	D
74	SNG706	163 B	Office	Slab-on-Grade	Yes	12/4/2023 12:22 PM	522	12/6/2023 12:39 PM	516		0.9	S
75	SNG055	163C	Office	Slab-on-Grade	Yes	12/4/2023 12:23 PM	550	12/6/2023 12:38 PM	539		2.1	S
76	SLL824	163 A	Office	Slab-on-Grade	Yes	12/4/2023 12:23 PM	178	12/6/2023 12:40 PM	174		0.5	S
77	SDG522	164 Conf	Room	Slab-on-Grade	Yes	12/4/2023 12:26 PM	416	12/6/2023 12:44 PM	412		0.4	S
78	SNS247	165	Office	Slab-on-Grade	Yes	12/4/2023 12:28 PM	742	12/6/2023 12:44 PM	735		1.1	S
79	SNG558	166	Classroom	Slab-on-grade	Yes	12/4/2023 12:30 PM	118	12/6/2023 12:38 PM	114		0.6	S
80	SNG007	166A	Classroom	Slab-on-Grade	Yes	12/4/2023 12:31 PM	517	12/6/2023 12:40 PM	512		0.6	S
81	SNS104	166	Office	Slab-on-Grade	Yes	12/4/2023 12:34 PM	714	12/6/2023 1:07 PM	710		0.3	S
82	SNS091	167	Classroom	Slab-on-Grade	Yes	12/4/2023 12:36 PM	765	12/6/2023 12:48 PM	754		2.0	S
83	SDW919	167A	Classroom	Slab-on-Grade	Yes	12/4/2023 12:39 PM	462	12/6/2023 12:48 PM	455		1.2	S
84	SDD744	169	Classroom	Slab-on-Grade	Yes	12/4/2023 12:46 PM	111	12/6/2023 12:49 PM	104		1.6	D
84	SDH442	169	Classroom	Slab-on-Grade	Yes	12/4/2023 12:44 PM	417	12/6/2023 12:49 PM	409		1.5	S
85	SNE524	179 Gymnastics	Room	Slab-on-Grade	Yes	12/4/2023 12:50 PM	493	12/6/2023 12:53 PM	485		1.4	S
86	SDU859	179 Gymnastics 2nd loc	Room	Slab-on-Grade	Yes	12/4/2023 12:52 PM	122	12/6/2023 12:52 PM	117		0.9	S



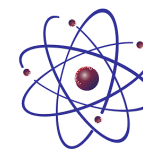
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87	SDH488	190 P	Office	Slab-on-Grade	Yes	12/4/2023 12:55 PM	160	12/6/2023 12:52 PM	154		1.2	S
88	SDH535	Basement	Room	Basement	Yes	12/4/2023 1:02 PM	387	12/6/2023 1:09 PM	383		0.4	S
89	SDU707	178 Lounge	Area	Slab-on-Grade	Yes	12/4/2023 1:12 PM	156	12/6/2023 1:08 PM	151		0.9	S
90	SDL020	178	Office	Slab-on-Grade	Yes	12/4/2023 1:13 PM	362	12/6/2023 1:09 PM	355		1.2	S
91	SDW423	335	Classroom	3rd Floor	Yes	12/4/2023 9:39 AM	332	12/6/2023 10:55 AM	327		0.7	S
91	SDQ604	335	Classroom	3rd Floor	Yes	12/4/2023 9:39 AM	246	12/6/2023 10:54 AM	241		0.7	D
92	SDD757	316	Classroom	3rd Floor	Yes	12/4/2023 9:43 AM	131	12/6/2023 10:55 AM	127		0.6	S
92	SDM768	316	Classroom	3rd Floor	Yes	12/4/2023 9:43 AM	101	12/6/2023 10:55 AM	100		-0.3	B
93	SDG465	308	Classroom	3rd Floor	Yes	12/4/2023 9:46 AM	373	12/6/2023 10:56 AM	369		0.4	S
94	SNE465	338	Classroom	3rd Floor	Yes	12/4/2023 9:49 AM	480	12/6/2023 10:54 AM	473		1.1	S
95	SNS342	200	Classroom	2nd Floor	Yes	12/4/2023 9:57 AM	722	12/6/2023 11:05 AM	718		0.3	S
95	SNE543	200	Classroom	2nd Floor	Yes	12/4/2023 9:57 AM	529	12/6/2023 11:04 AM	524		0.6	D
96	SND388	203	Classroom	2nd Floor	Yes	12/4/2023 10:00 AM	198	12/6/2023 11:04 AM	194		0.5	S
96	SDM759	203	Classroom	2nd Floor	Yes	12/4/2023 10:01 AM	106	12/6/2023 11:05 AM	106		-0.7	B
97	SLL715	218D	Classroom	2nd Floor	Yes	12/4/2023 10:02 AM	128	12/6/2023 11:04 AM	123		0.9	S



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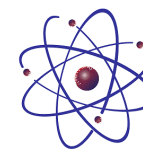


98	SNG628	225	Classroom	2nd Floor	Yes	12/4/2023 10:04 AM	487	12/6/2023 11:05 AM	487		-0.7	S
99	SND449	106A	Classroom	Slab-on-Grade	Yes	12/4/2023 10:10 AM	317	12/6/2023 11:21 AM	311		1.0	D
99	SNI460	106A	Classroom	Slab-on-Grade	Yes	12/4/2023 10:09 AM	320	12/6/2023 11:20 AM	312		1.5	S
100	SND345	100	Classroom	Slab-on-Grade	Yes	12/4/2023 10:12 AM	598	12/6/2023 11:17 AM	590		1.3	S
101	SDK067	106B	Classroom	Slab-on-Grade	Yes	12/4/2023 10:14 AM	315	12/6/2023 11:19 AM	309		1.0	S
102	SDG507	102	Classroom	Slab-on-Grade	Yes	12/4/2023 10:16 AM	359	12/6/2023 11:20 AM	354		0.7	S
103	SLI592	106I	Office	Slab-on-Grade	Yes	12/4/2023 10:18 AM	141	12/6/2023 11:22 AM	136		0.9	S
104	SMR643	104	Classroom	Slab-on-Grade	Yes	12/4/2023 10:21 AM	255	12/6/2023 11:18 AM	250		0.7	S
105	SDQ640	106E	Classroom	Slab-on-Grade	Yes	12/4/2023 10:24 AM	359	12/6/2023 11:22 AM	354		0.7	S
106	SNH668	106F	Office	Slab-on-Grade	Yes	12/4/2023 10:25 AM	468	12/6/2023 11:20 AM	464		0.4	S
107	SNH601	106	Area	Slab-on-Grade	Yes	12/4/2023 10:28 AM	417	12/6/2023 11:18 AM	411		0.9	S
108	SMT292	106	Area	Slab-on-Grade	Yes	12/4/2023 10:28 AM	351	12/6/2023 11:19 AM	345		0.9	S
109	SND279	106C	Classroom	Slab-on-Grade	Yes	12/4/2023 10:31 AM	528	12/6/2023 11:19 AM	521		1.1	S
110	SNH673	106D	Office	Slab-on-Grade	Yes	12/4/2023 10:34 AM	524	12/6/2023 11:22 AM	519		0.6	S
111	SND431	108	Classroom	Slab-on-Grade	Yes	12/4/2023 10:36 AM	378	12/6/2023 11:23 AM	372		0.9	S

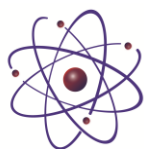


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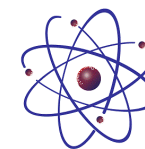
Facility Name: Prospect High School
 Test Site: 801 W Kensington Road
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 Test Dates: Monday, December 04, 2023 to Wednesday, December 06, 2023



112	SLL779	110	Classroom	Slab-on-Grade	Yes	12/4/2023 10:37 AM	164	12/6/2023 11:21 AM	159		0.8	S
112	SLL804	110	Classroom	Slab-on-Grade	Yes	12/4/2023 10:37 AM	118	12/6/2023 11:19 AM	112		1.2	D
113	SNH639	101	Classroom	Slab-on-Grade	Yes	12/4/2023 10:40 AM	433	12/6/2023 11:25 AM	424		1.7	S
114	SMT169	103	Classroom	Slab-on-Grade	Yes	12/4/2023 10:42 AM	282	12/6/2023 11:29 AM	275		1.3	S
114	SLI377	103	Classroom	Slab-on-Grade	Yes	12/4/2023 10:42 AM	108	12/6/2023 11:30 AM	108		-0.7	B
115	SDF665	107	Area	Slab-on-Grade	Yes	12/4/2023 10:45 AM	448	12/6/2023 11:30 AM	443		0.6	S
116	SDQ625	107 - Associate Principal	Office	Slab-on-Grade	Yes	12/4/2023 10:47 AM	263	12/6/2023 11:29 AM	257		1.0	S
117	SNG816	112	Classroom	Slab-on-Grade	Yes	12/4/2023 10:49 AM	480	12/6/2023 11:29 AM	473		1.1	S
118	SDU902	109	Area	Slab-on-Grade	Yes	12/4/2023 10:52 AM	205	12/6/2023 11:42 AM	200		0.8	S
119	SDQ683	114L	Office	Slab-on-Grade	Yes	12/4/2023 10:53 AM	487	12/6/2023 11:43 AM	485		-0.1	S
120	SDQ651	114K	Office	Slab-on-Grade	Yes	12/4/2023 10:54 AM	377	12/6/2023 11:40 AM	372		0.7	S
120	SND557	114K	Office	Slab-on-Grade	Yes	12/4/2023 10:55 AM	536	12/6/2023 11:43 AM	529		1.1	D
121	SLL796	114M	Office	Slab-on-Grade	Yes	12/4/2023 10:57 AM	117	12/6/2023 11:42 AM	111		1.2	S
122	SDK084	114J	Office	Slab-on-Grade	Yes	12/4/2023 10:58 AM	414	12/6/2023 11:41 AM	409		0.7	S
123	SMT315	114N	Office	Slab-on-Grade	Yes	12/4/2023 10:59 AM	282	12/6/2023 11:38 AM	275		1.3	S



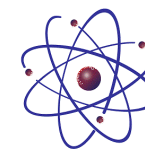
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124	SDD992	114I	Office	Slab-on-Grade	Yes	12/4/2023 11:00 AM	209	12/6/2023 11:42 AM	200		2.0	S
125	SDW481	114H	Office	Slab-on-Grade	Yes	12/4/2023 11:01 AM	295	12/6/2023 11:46 AM	286		1.8	S
126	SDU900	114O	Office	Slab-on-Grade	Yes	12/4/2023 11:02 AM	169	12/6/2023 11:41 AM	161		1.7	S
127	SND519	114P	Office	Slab-on-Grade	Yes	12/4/2023 11:03 AM	290	12/6/2023 11:52 AM	287		0.2	S
127	SDW191	114P	Office	Slab-on-Grade	Yes	12/4/2023 11:04 AM	130	12/6/2023 11:52 AM	130		-0.7	B
128	SDW596	114G	Office	Slab-on-Grade	Yes	12/4/2023 11:05 AM	301	12/6/2023 11:47 AM	295		1.0	S
129	SLL656	114F	Office	Slab-on-Grade	Yes	12/4/2023 11:06 AM	274	12/6/2023 11:44 AM	270		0.5	S
130	SDQ715	114	Office	Slab-on-Grade	Yes	12/4/2023 11:07 AM	274	12/6/2023 11:39 AM	269		0.7	S
131	SND558	114E	Office	Slab-on-Grade	Yes	12/4/2023 11:08 AM	573	12/6/2023 11:40 AM	562		2.1	S
132	SNG675	114C	Office	Slab-on-Grade	Yes	12/4/2023 11:10 AM	562	12/6/2023 11:41 AM	556		0.9	S
133	SNG744	114D	Office	Slab-on-Grade	Yes	12/4/2023 11:13 AM	463	12/6/2023 11:39 AM	458		0.6	S
134	SDW309	114A	Office	Slab-on-Grade	Yes	12/4/2023 11:14 AM	279	12/6/2023 11:39 AM	272		1.3	S
135	SND485	114B	Office	Slab-on-Grade	Yes	12/4/2023 11:16 AM	473	12/6/2023 11:44 AM	466		1.2	S
136	SMR567	116	Classroom	Slab-on-Grade	Yes	12/4/2023 11:18 AM	271	12/6/2023 11:40 AM	262		1.9	S
137	SNE630	Main Office	Office	Slab-on-Grade	Yes	12/4/2023 11:20 AM	530	12/6/2023 11:52 AM	522		1.4	S



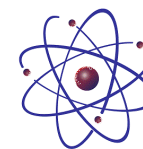
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137	SNH479	Main Office	Office	Slab-on-Grade	Yes	12/4/2023 11:21 AM	528	12/6/2023 11:53 AM	521		1.1	D
138	SMR679	Principal	Office	Slab-on-Grade	Yes	12/4/2023 11:23 AM	330	12/6/2023 11:53 AM	327		0.2	S
139	SND307	Main Office Conference Room	Office	Slab-on-Grade	Yes	12/4/2023 11:24 AM	406	12/6/2023 11:51 AM	399		1.2	S
140	SND457	Master Schedule Office	Office	Slab-on-Grade	Yes	12/4/2023 11:26 AM	423	12/6/2023 11:51 AM	414		1.7	S
141	SMT287	Associate Principal	Office	Slab-on-Grade	Yes	12/4/2023 11:28 AM	163	12/6/2023 11:54 AM	156		1.5	S
142	SND507	107A File Room	Storage	Slab-on-Grade	Yes	12/4/2023 11:35 AM	347	12/6/2023 11:32 AM	343		0.4	S
143	SDG068	138 Health Services	Office	Slab-on-Grade	Yes	12/4/2023 11:38 AM	426	12/6/2023 12:14 PM	418		1.4	S
144	SDH604	138 Examination Room	Room	Slab-on-Grade	Yes	12/4/2023 11:40 AM	211	12/6/2023 12:13 PM	205		1.1	S
145	SDQ655	138 Office	Office	Slab-on-Grade	Yes	12/4/2023 11:40 AM	363	12/6/2023 12:14 PM	348		3.4	S
146	SMR654	137	Classroom	Slab-on-Grade	Yes	12/4/2023 11:42 AM	306	12/6/2023 12:15 PM	300		1.0	S
147	SDU973	133	Classroom	Slab-on-Grade	Yes	12/4/2023 11:43 AM	287	12/6/2023 12:14 PM	280		1.3	S
148	SNG100	132	Classroom	Slab-on-Grade	Yes	12/4/2023 11:45 AM	510	12/6/2023 12:14 PM	506		0.4	S
149	SNH616	131	Classroom	Slab-on-Grade	Yes	12/4/2023 11:46 AM	498	12/6/2023 12:09 PM	492		0.9	S
150	SND501	129	Classroom	Slab-on-Grade	Yes	12/4/2023 11:48 AM	472	12/6/2023 12:04 PM	468		0.4	S
150	SDH405	129	Classroom	Slab-on-Grade	Yes	12/4/2023 11:48 AM	160	12/6/2023 12:03 PM	156		0.6	D



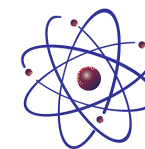
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151	SNH732	130	Classroom	Slab-on-Grade	Yes	12/4/2023 11:49 AM	506	12/6/2023 12:05 PM	500		0.9	S
152	SDW461	127	Classroom	Slab-on-Grade	Yes	12/4/2023 11:51 AM	254	12/6/2023 12:05 PM	249		0.8	S
153	SDK937	128	Classroom	Slab-on-Grade	Yes	12/4/2023 11:52 AM	139	12/6/2023 12:03 PM	132		1.5	S
154	SDG478	125	Classroom	Slab-on-Grade	Yes	12/4/2023 11:54 AM	131	12/6/2023 12:04 PM	127		0.6	S
155	SDF844	126	Classroom	Slab-on-Grade	Yes	12/4/2023 11:55 AM	355	12/6/2023 12:03 PM	348		1.2	S
156	SDK190	124	Classroom	Slab-on-Grade	Yes	12/4/2023 11:57 AM	212	12/6/2023 12:02 PM	212		-0.7	B
156	SNG089	124	Classroom	Slab-on-Grade	Yes	12/4/2023 11:56 AM	466	12/6/2023 12:02 PM	458		1.4	S
157	SDW499	122	Classroom	Slab-on-Grade	Yes	12/4/2023 11:58 AM	271	12/6/2023 12:05 PM	267		0.5	S
158	SDK117	120	Classroom	Slab-on-Grade	Yes	12/4/2023 11:59 AM	210	12/6/2023 12:04 PM	204		1.1	S
159	SDU871	171A	Storage	Slab-on-Grade	Yes	12/4/2023 12:13 PM	402	12/6/2023 12:36 PM	395		1.2	S
160	SND491	171	Area	Slab-on-Grade	Yes	12/4/2023 12:15 PM	423	12/6/2023 12:41 PM	418		0.7	S
161	SDK896	170	Area	Slab-on-Grade	Yes	12/4/2023 12:17 PM	211	12/6/2023 12:41 PM	206		0.8	D
161	SDG368	170	Area	Slab-on-Grade	Yes	12/4/2023 12:16 PM	361	12/6/2023 12:39 PM	355		1.0	S
162	SDW538	171	Area	Slab-on-Grade	Yes	12/4/2023 12:19 PM	395	12/6/2023 12:38 PM	387		1.5	S
163	SDC976	172	Office	Slab-on-Grade	Yes	12/4/2023 12:20 PM	566	12/6/2023 12:39 PM	562		0.4	S



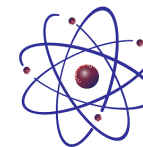
Facility Name: Prospect High School
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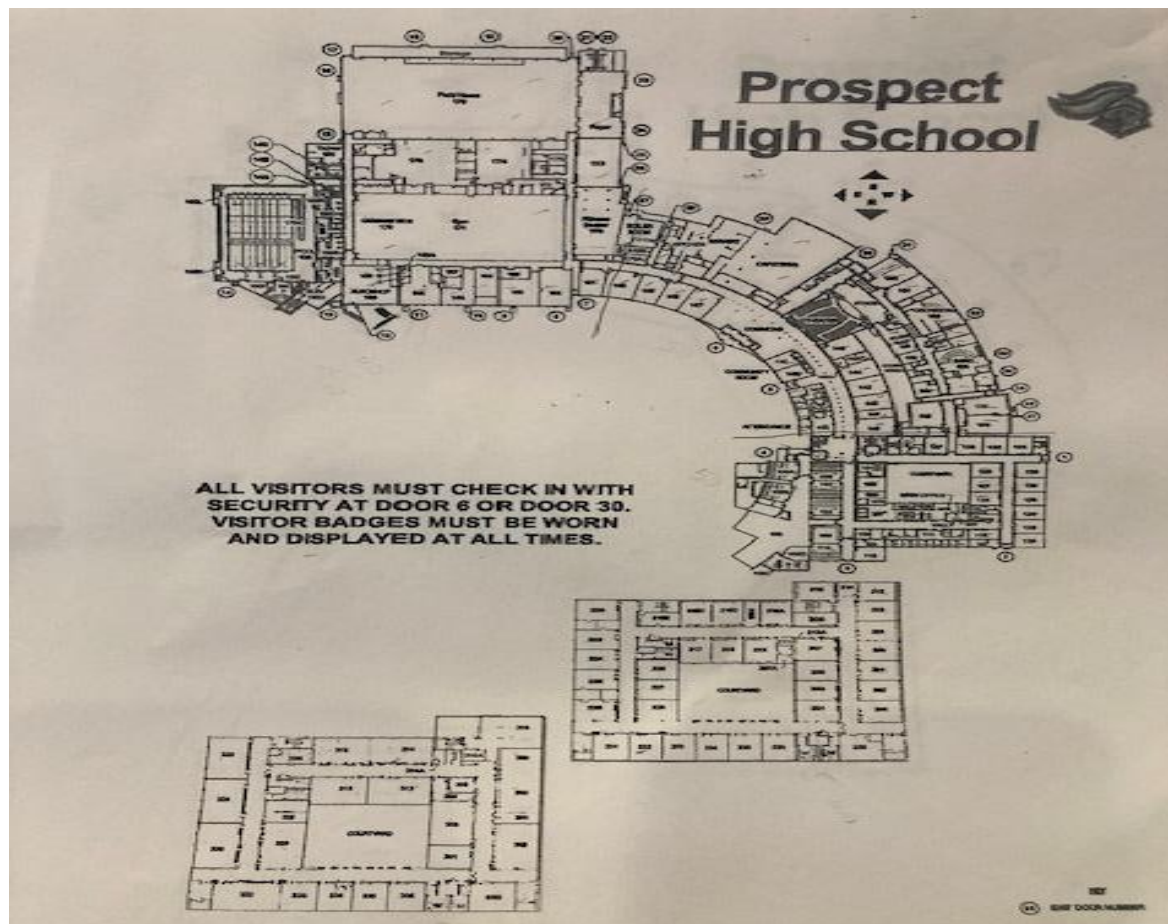
164	SMT428	172 Office	Office	Slab-on-Grade	Yes	12/4/2023 12:22 PM	206	12/6/2023 12:39 PM	195		2.6	S
165	SNG702	173	Classroom	Slab-on-Grade	Yes	12/4/2023 12:24 PM	481	12/6/2023 12:37 PM	475		0.9	S
166	SDC859	175	Office	Slab-on-Grade	Yes	12/4/2023 12:25 PM	425	12/6/2023 12:41 PM	418		1.2	S
167	SDW438	174A	Storage	Slab-on-Grade	Yes	12/4/2023 12:27 PM	260	12/6/2023 12:39 PM	254		1.0	S
168	SDU949	Fieldhouse	Area	Slab-on-Grade	Yes	12/4/2023 12:29 PM	295	12/6/2023 12:42 PM	291		0.5	S
169	SDF829	Fieldhouse	Area	Slab-on-Grade	Yes	12/4/2023 12:30 PM	250	12/6/2023 12:38 PM	243		1.3	S
170	SDL003	Lobby (near door 24)	Area	Slab-on-Grade	Yes	12/4/2023 12:35 PM	456	12/6/2023 12:36 PM	449		1.2	D
170	SDU840	Lobby (near door 24)	Area	Slab-on-Grade	Yes	12/4/2023 12:34 PM	201	12/6/2023 12:40 PM	195		1.1	S
171	SDH359	Fieldhouse	Area	Slab-on-Grade	Yes	12/4/2023 12:37 PM	329	12/6/2023 12:38 PM	323		1.0	S
172	SNG669	176G Maintenance Closet	Storage	Slab-on-Grade	Yes	12/4/2023 12:40 PM	538	12/6/2023 12:36 PM	530		1.4	S
173	SDH341	176I	Room	Slab-on-Grade	Yes	12/4/2023 12:45 PM	249	12/6/2023 12:40 PM	243		1.1	S
174	SDG151	176D Athletic Storage	Storage	Slab-on-Grade	Yes	12/4/2023 12:47 PM	408	12/6/2023 12:40 PM	397		2.3	S
175	SDF868	Lobby (near door 13)	Area	Slab-on-Grade	Yes	12/4/2023 12:52 PM	445	12/6/2023 12:42 PM	442		0.1	S
176	SMT422	Pool	Area	Slab-on-Grade	Yes	12/4/2023 12:54 PM	330	12/6/2023 12:42 PM	323		1.3	S
177	SDG494	Pool	Area	Slab-on-Grade	Yes	12/4/2023 12:59 PM	182	12/6/2023 12:37 PM	176		1.2	S



Facility Name: Prospect High School
Test Site: 801 W Kensington Road
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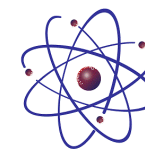


Appendix B: Site Plan Showing Device Locations



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Westmont, IL 60559
630-325-4443

Facility Name: Prospect High School
Test Site: 801 W Kensington Road
Mt. Prospect, IL 60056
Test Dates: Monday, December 04, 2023 to Wednesday, December 06, 2023



Appendix C: License and Credentials



IEMA: Radon Measurement Professional
RNI2006204

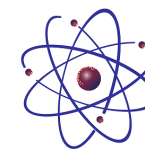


NRPP: Radon Measurement Professional with Standard
and Analytical Services
NRPP ID 108034-RMP



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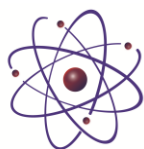
NRSB: Accredited Radon Laboratory NRSB ARL1301



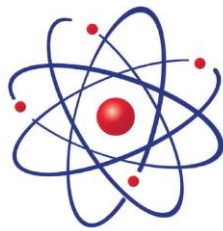
NRSB: Radon Measurement Specialist NRSB 13SS016



AARST-NRPP: Advanced Certification: Multifamily Measurement



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**RADON
DETECTION
SPECIALISTS**

**RADON TEST REPORT
FOLLOW-UP MEASUREMENT**

FACILITY NAME: PROSPECT HIGH SCHOOL

Test Site: 801 W Kensington Road
Mt. Prospect, IL 60056

Report Date: January 19, 2024



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Report Prepared By: Kirsten Schmidt, NRPP018034RMP,
NRSB1355016, RNI2006214
kirstens@radondetection.net

Facility Name: Prospect High School
Test Site: 801 W Kensington Road
Mt. Prospect, IL 60056
Test Dates: Wednesday, January 17, 2024 to Friday, January 19, 2024

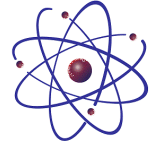
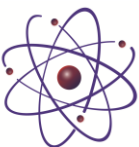
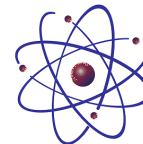


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Facility Name: Prospect High School
Test Site: 801 W Kensington Road
Mt. Prospect, IL 60056
Test Dates: Wednesday, January 17, 2024 to Friday, January 19, 2024



Section 1.0 Radon Health Effects

Radon is recognized by the Environmental Protection Agency as well as the scientific and medical communities as a Class A carcinogen, accounting for 15,000 – 22,000 lung cancer deaths annually. Exposure to radon gas is the leading cause of lung cancer among non-smokers.

Radon is a naturally occurring, radioactive gas which comes from the soil. It can't be seen, smelled or tasted. The only way to know if the level of radon gas in your building exceeds the recommended Action Level of 4.0 pCi/L is to test. The Department of Nuclear Safety in Illinois requires those testing for radon in commercial buildings, schools and multi-family housing communities, as well as individual residences, to be properly licensed.

The amount of radon in the soil depends on soil chemistry, which naturally varies. Radon levels in the soil can range from a few hundred to several thousands of pCi/L (pico Curies per liter of air). The amount of radon that escapes from the soil and enters the building depends on the weather, soil porosity, soil moisture, and the suction within the building.

Radon is the leading cause of lung cancer among non-smokers.

- There is no safe level of radon exposure. Any exposure causes some risk of developing cancer. The National Academy of Sciences (NAS) concluded that only cigarette smoking poses a greater risk. Exposure to radon accounts for 10% of all lung cancer deaths annually.
- As we breathe, the alpha radiation from radon and its decay products cause damage to the sensitive lung tissue. Most of the radiation dose is not actually from radon itself, but rather from radon's chain of short-lived decay products that are inhaled and lodge in the airways of the lungs. These radionuclides decay quickly, producing other radionuclides that continue damaging the lung tissue. Those particles that are retained long enough release radiation and damage the surrounding lung tissue. It is this damage that can lead to lung cancer.

What other health risks are related to radon exposure?

- No other respiratory ailments are linked to radon exposure.
- There are preliminary studies that are looking at the link between radon exposure and the development of Parkinson's and Alzheimer's disease. These are early studies, and research is on-going.

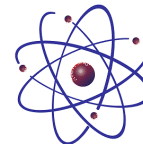


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Report Prepared By: Kirsten Schmidt, NRPP018034RMP,
NRSB1355016, RNI2006214
kirstens@radondetection.net

Facility Name: Prospect High School
Test Site: 801 W Kensington Road
Mt. Prospect, IL 60056
Test Dates: Wednesday, January 17, 2024 to Friday, January 19, 2024



Section 2.0 Radon Testing Protocol for This Site

Pre-Deployment Testing Strategy

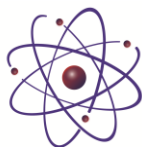
Measurements will be conducted in 5 locations which previously demonstrated invalid measurements or potentially elevated measurements during the initial measurement from December 4, 2023 to December 6, 2023.

Materials and Methods

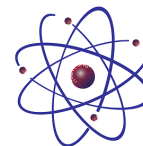
RDS will use electret ionization chambers to measure radon levels in the air in the above referenced property. The test will comply with all protocols set forth by IEMA and ANSI/AARST, as well as the RDS Quality Assurance Plan.

Duplicate measurements will be conducted for not less than 10% of the total single devices placed to measure precision. Field blanks will be deployed for not less than 5% of the total number of single measurements deployed to measure background gamma radiation. Spike tests are conducted monthly at an independent lab, at a minimum of 3% for the total number of devices deployed (annually) or at a rate of 6 spikes per calendar month, to measure accuracy. The initial voltage reading will take place not more than 24 hours prior to deployment and the final voltage of the devices will be determined within 24 hours of retrieval.

RDS will locate devices in such a way to limit unintentional interference from building occupants. A walk-through inspection of the building will allow RDS to document observations regarding radon entry mechanisms and general building pressure gradients. Measurement results will be reported in picoCuries per liter (pCi/L) of air.



Facility Name: Prospect High School
Test Site: 801 W Kensington Road
Mt. Prospect, IL 60056
Test Dates: Wednesday, January 17, 2024 to Friday, January 19, 2024



Section 3.0 Scope of Work Performed

Radon Detection Specialists performed a Follow-Up Measurement in 5 locations at Prospect High School, located at 801 W Kensington Road, in Mt. Prospect, Illinois.

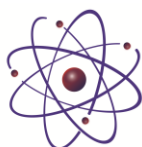
This scope of work included a 2-day (short-term) radon test. This measurement was conducted from Wednesday, January 17, 2024 to Friday, January 19, 2024.

The testing was conducted in accordance with the Illinois Emergency Management Agency Department of Nuclear Safety (IEMA) and the United States Environmental Protection Agency testing protocols for commercial radon measurements, ANSI/AARST standards, the device manufacturer's recommendations, and the RDS Quality Assurance Plan.

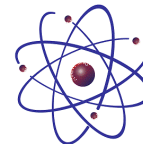
The devices used at this facility were electret ionization chambers (Eperms™) manufactured by RadElec, Inc.

A total of 11 devices were deployed at this site in these configurations:

Measurement Type	Number of Devices
Single	5
Duplicate	5
Blank	1



Facility Name: Prospect High School
Test Site: 801 W Kensington Road
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Test Dates: Wednesday, January 17, 2024 to Friday, January 19, 2024



Section 4.0 Site Conditions and Device Placement

Site Conditions

1. The subject building was occupied and fully-functional during this radon measurement.
2. The testing period was noted to have been unremarkable in terms of changes/repairs to the building functionality and the weather.

Device Locations

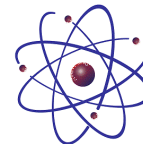
If an appropriate and accurate drawing is provided by the client and dimensional device plotting is possible, Appendix B provides a detailed drawing showing the device locations. If Appendix B is blank, please refer to the Device Placement columns provided in Appendix A (Room Use and Room Number) as an explanation of device locations.

The building was tested in accordance with IEMA and ANSI/AARST protocols with regard to device placement and analytical methods of calculating results.

1. Tampering was not detected at the time the devices were retrieved, unless noted in the Comment Column.
2. Devices were placed strategically to reduce accidental interference by building occupants.
3. Duplicates are averaged together. It is the average of the two devices upon which Follow-Up Testing and mitigation decisions should be based.



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Section 5.0 Test Location Results and Recommendations

Test Location Results Table

The table below lists the radon test results by location in the facility.

Because radon levels fluctuate hourly, daily, weekly, seasonally and yearly, these results should not be used to estimate radon levels of rooms that were not measured, or to estimate future radon levels of rooms that were measured.

Changes to the building components (both structural and mechanical) can affect radon concentrations.

The EPA Action Level is 4.0 picoCuries per Liter (pCi/L).

Location #	Room Name/Number	Description	Averaged Results (pCi/L)
1	159	Classroom	(Initial Invalid) 1.1
2	146 Lobby	Area	(Initial Invalid) 1.1
3	Basement Storage - Large	Storage	(Initial 5.5) 5.9 = AVG 5.7
4	Basement Storage - Medium	Storage	(Initial 5.7) 6.6 = AVG 6.2
5	Basement Storage - Small	Storage	(Initial 5.5) 7.5 = AVG 6.5

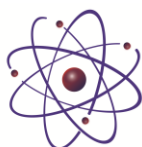
List of Locations Above the Action Level

Recommendation: Consult with a licensed mitigation professional, if the occupancy status of this room changes

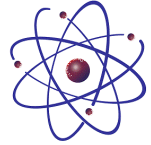
Room Name/Number	Description	Results
Basement Storage - Large	Storage	5.7
Basement Storage - Medium	Storage	6.2
Basement Storage - Small	Storage	6.5

When potentially elevated levels are found during a routine measurement in locations that are not regularly occupied: Basement Storage – Large, Basement Storage – Medium and Basement Storage - Small

As these locations are not regularly occupied spaces, a measurement was made in these locations for diagnostic purposes only. Should the occupancy status of these locations change, follow-up testing and potential consultation with a mitigation professional is recommended.



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A Note about Long-Term Testing

The EPA and IEMA Action Level of 4.0 pCi/L is based on annual average exposure. As a matter of best practice in measurement, a long-term measurement is the best way to determine occupants' annual exposure because radon levels vary hourly, daily, weekly, seasonally, and over the years. Long-term testing (lasting 90 days to one year) provides a better understanding of building radon concentrations and the risks of exposure to radon.

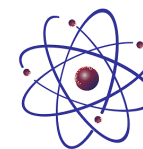
To have a thorough understanding of occupants' risk of exposure, a long-term measurement is always recommended. This type of measurement will provide the best indication of radon concentrations and are the basis upon which mitigation decisions should be made.

Should you choose to engage in a long-term measurement as recommended, please contact us for further details.



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Facility Name: Prospect High School
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Appendix A: Device Table

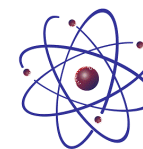
The table below lists all the devices deployed and their reported radon levels. The results were determined using calculations supplied by the device manufacturer.

Location #	Serial Number	Room Name/Number	Room Description	Foundation	Occupiable?	Start Day/Time	V1	End Day/Time	V2	Invalid or Missing?	Device Radon Level (pCi/L)	Set Type
1	SDU889	159	Classroom	Slab-on-Grade	Yes	1/17/2024 11:46 AM	303	1/19/2024 1:54 PM	296		1.2	S
1	SDU688	159	Classroom	Slab-on-Grade	Yes	1/17/2024 11:46 AM	212	1/19/2024 1:56 PM	206		1.0	D
2	SNG827	146 Lobby	Area	Slab-on-Grade	Yes	1/17/2024 11:49 AM	236	1/19/2024 1:53 PM	230		1.0	D
2	SMR654	146 Lobby	Area	Slab-on-Grade	Yes	1/17/2024 11:49 AM	265	1/19/2024 1:50 PM	258		1.2	S
3	SND310	Basement Storage - Large	Storage	Basement	Yes	1/17/2024 11:51 AM	518	1/19/2024 1:54 PM	494		5.3	S
3	SDQ625	Basement Storage - Large	Storage	Basement	Yes	1/17/2024 11:52 AM	216	1/19/2024 1:55 PM	191		6.4	D
3	SNG146	Basement Storage - Large	Storage	Basement	Yes	1/17/2024 11:52 AM	390	1/19/2024 1:55 PM	390		-0.7	B
4	SDQ640	Basement Storage - Medium	Storage	Basement	Yes	1/17/2024 11:53 AM	315	1/19/2024 1:50 PM	288		6.5	S



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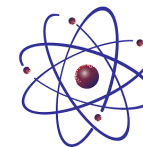
Facility Name: Prospect High School
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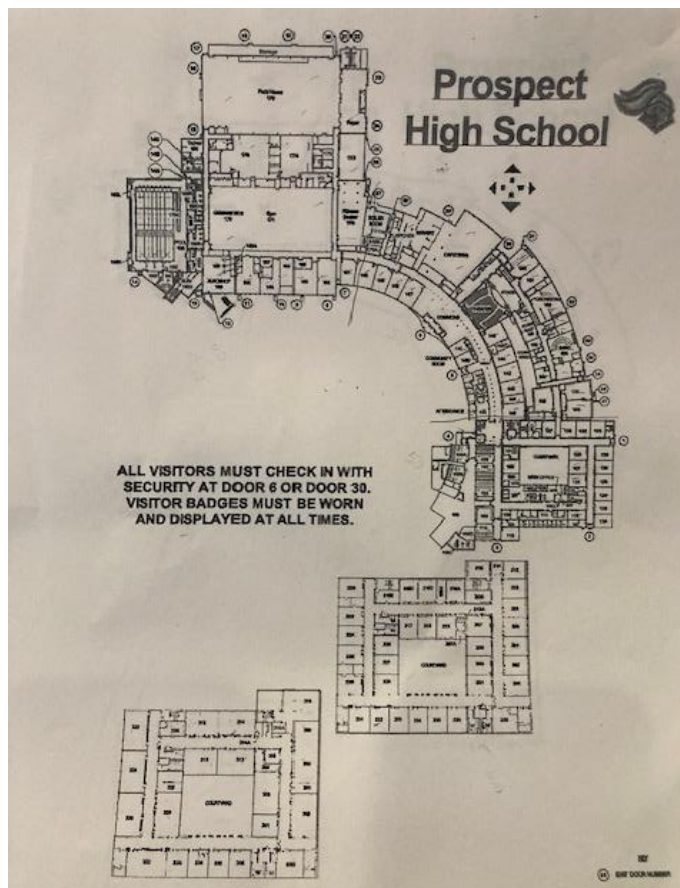
4	SDW488	Basement Storage - Medium	Storage	Basement	Yes	1/17/2024 11:54 AM	367	1/19/2024 1:51 PM	339		6.6	D
5	SNH607	Basement Storage - Small	Storage	Basement	Yes	1/17/2024 11:55 AM	304	1/19/2024 1:51 PM	272		7.9	S
5	SNH496	Basement Storage - Small	Storage	Basement	Yes	1/17/2024 11:56 AM	643	1/19/2024 1:52 PM	611		7.1	D



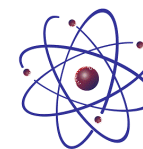
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Appendix B: Site Plan Showing Device Locations



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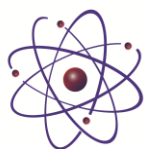
Appendix C: License and Credentials



IEMA: Radon Measurement Professional
RNI2006204

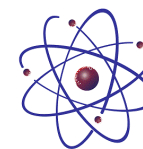


NRPP: Radon Measurement Professional with Standard
and Analytical Services
NRPP ID 108034-RMP



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NRSB: Accredited Radon Laboratory NRSB ARL1301



NRSB: Radon Measurement Specialist NRSB 13SS016



AARST-NRPP: Advanced Certification: Multifamily Measurement



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