

**Sent via electronic mail:** [aneta.mistak@d214.org](mailto: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 – Buffalo Grove High School and Little Bison Day Care**

Dear Ms. Mistak:

Date February 7, 2024

In January 2013 the Illinois Emergency Management Agency (IEMA) enacted new legislation regarding the testing of licensed Day Care Centers and Day Care Homes for Radon. The legislation requires retesting every three (3) years. 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 1940105696-002

At the request of Township High School District 214, Ramboll Americas Engineering Services, Inc. (Ramboll) retained Radon Detection Specialists, Inc. to perform a radon survey at Buffalo Grove High School, 1100 W. Dundee Road, Buffalo Grove, Illinois. The radon testing included the high school and Little Byson Day Care. Radon Detection Specialists are licensed by the IEMA Department of Nuclear Safety for both residential and commercial radon testing. The survey was conducted from December 11-13, 2023.

Radon is an odorless, tasteless, and colorless radioactive gas that comes from the decay of naturally occurring uranium in the soil. At Buffalo Grove High School, two-hundred and seventy-four (274) passive radon detection devices (electret ionization chambers – Eperms™) were deployed in two-hundred and thirty-four (234) locations on December 11 and retrieved on December 13, 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 IEMA Action Level (AL) of 4.0 pCi/L in three locations (Rooms G157, I025, and J101 South Wall). Retesting in these locations was completed from January 16-18, 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 Rooms I025 (6.0 pCi/L) and J101 (8.0 pCi/L) were above the AL of 4.0 pCi/L. Room I025 is considered

unoccupied unless occupied by someone for 4 or more hours a day. Radon was not detected above regulatory levels in any areas of the building used as a day care.

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. Radon testing completion certificates are also attached. Please note that the certificates must be posted adjacent to the day care license until the next round of testing.

If you have any questions regarding the report, please do not hesitate to contact our office. Ramboll thanks you for the opportunity to be of continued service to Township High School District 214.

Sincerely,

Ramboll Americas Engineering Solutions, Inc.



**Scott C. Fountain**  
Managing Consultant

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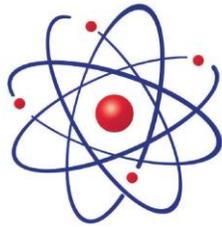
Reviewed and Approved by,



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

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## **ATTACHMENTS**



**RADON  
DETECTION  
SPECIALISTS**

**RADON TEST REPORT**  
INITIAL RADON MEASUREMENT

**FACILITY NAME: BUFFALO GROVE HIGH SCHOOL**

Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089

Report Date: December 13, 2023



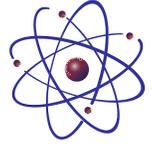
**Radon Detection Specialists, Inc.**  
825 N Cass Avenue • Suite 310  
Westmont, IL 60559  
630-325-4443

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Report Prepared By: Kirsten Schmidt, NRPP018034RMP,  
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Test Dates: Monday, December 11, 2023 to Wednesday, December 13, 2023

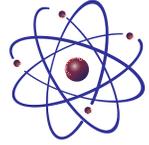
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## Section 1.0 Radon Health Effects

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.



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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.

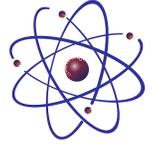
Duplicate measurements will be conducted for not less than 10% of the total single devices placed to measure precision. Field blanks will be deployed for not less than 5% of the total number of single measurements deployed to measure background gamma radiation. Spike tests are conducted monthly at an 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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## Section 3.0 Scope of Work Performed

Radon Detection Specialists performed an Initial Radon Measurement at Buffalo Grove High School, located at 1100 West Dundee Road, in Buffalo Grove, Illinois.

This scope of work included a 2-day (short-term) radon test. This measurement was conducted from Monday, December 11, 2023 to Wednesday, December 13, 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 274 devices were deployed at this site in these configurations:

Measurement Type	Number of Devices
Single	234
Duplicate	25
Blank	15



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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.

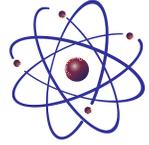
### Device Locations

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.





## 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	K122 South Wall	Area	0.9
2	K118	Storage	0.6
3	K122 North Wall	Area	0.1
4	K126	Maintenance	0.9
5	K122	Office	0.2
6	K209	Area	0.6
7	K131	Storage	0.4
8	K132	Storage	1.5
9	K133	Maintenance	0.7
10	I105 North Wall	Area	0.4
11	I105 South Wall	Area	0.7
12	I201	Area	1.0
13	I101 South Wall	Area	1.1
14	I101 North Wall	Area	0.7
15	I104	Storage	0.9
16	I106	Storage	2.1
17	J101 East Wall	Area	3.1
18	J101 North Wall	Area	1.0
19	J101 West Wall	Area	1.2
20	J105	Storage	1.2
21	J109	Storage	1.4
22	J101 South Wall	Area	15.2



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23	J107	Storage	2.5
24	J106	Storage	0.3
25	I108	Storage	0.8
26	I021	Storage	0.9
27	I023	Classroom	1.2
28	I024	Storage	3.8
29	I025	Storage	8.2
30	I028	Office	1.0
31	I027	Office	1.0
32	I030	Classroom	0.5
33	I026	Storage	1.5
34	I001	Storage	2.4
35	I103	Office	0.5
36	I102	Office	2.8
37	H107	Storage	0.9
38	H103	Office	0.1
39	H104	Office	0.1
40	H105	Office	0.4
41	H106	Office	0.7
42	H106A	Office	0.4
43	H102	Maintenance	1.8
44	Main Foyer	Area	0.9
45	G102	Office	1.4
46	G106	Office	0.4
47	G104	Office	0.8
48	G111	Office	0.9
49	G105	Office	1.0
50	G119	Office	0.4
51	G101	Office	3.4
52	G120	Office	3.8
53	G112	Office	0.8
54	G113	Office	0.6
55	G114	Office	3.4
56	G115	Office	3.1
57	G118	Storage	0.3
58	G136	Maintenance	2.5
59	G139	Maintenance	0.7
60	G138	Office	0.7
61	G131	Maintenance	1.3



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62	Loading Dock	Maintenance	0.4
63	G132	Office	1.3
64	G135	Office	0.8
65	G142	Storage	0.8
66	G144	Storage	1.0
67	G145	Storage	0.4
68	G141	Office	2.8
69	G140	Kitchen	1.1
70	G147	Kitchen	0.9
71	G146	Kitchen	2.6
72	G148	Kitchen	0.8
73	G193	Office	1.8
74	G192	Office	1.8
75	G190	Office	1.1
76	G191	Office	1.9
77	G189	Office	1.3
78	G188	Office	1.5
79	G186	Office	1.7
80	G187	Office	1.3
81	G185	Office	1.3
82	G184	Office	1.0
83	G182	Office	1.3
84	G183	Office	1.2
85	G181	Office	1.1
86	G179	Office	0.9
87	G171	Storage	1.4
88	G176	Office	1.1
89	G177	Office	1.0
90	G175	Office	1.7
91	G174	Office	1.3
92	G173	Office	1.1
93	G172	Office	1.1
94	G168	Office	1.2
95	G167	Office	0.9
96	G166	Office	1.6
97	G155	Office	0.9
98	G156	Office	1.0
99	G157	Office	6.6
100	G158	Office	1.0



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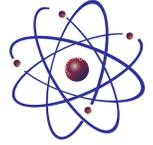
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101	G156A	Office	0.9
102	G153	Office	1.1
103	G154	Office	1.1
104	G165	Office	1.4
105	G164	Office	1.3
106	G163	Storage	1.1
107	G151	Storage	2.9
108	G150	Office	0.9
109	G103	Office	2.9
110	A204	Classroom	0.5
111	A202	Classroom	0.4
112	A211	Classroom	0.2
113	A231	Room	-0.4
114	A253	Classroom	0.5
115	A276	Classroom	0.6
116	Offices near C204	Office	0.9
117	C213	Classroom	0.9
118	D213	Classroom	0.4
119	D205	Classroom	0.1
120	A105	Classroom	0.4
121	A106	Classroom	0.1
122	A102	Classroom	0.8
123	A112	Office	0.4
124	A113	Office	0.4
125	A114	Classroom	1.1
126	A115	Office	0.2
127	A116	Classroom	0.4
128	A117	Office	0.6
129	A118	Room	0.4
130	A119	Classroom	0.1
131	A120	Office	0.5
132	A121	Classroom	0.4
133	A122	Office	0.4
134	A123	Office	0.5
135	A124	Office	0.9
136	A107	Office	3.5
137	A153	Classroom	1.1
138	A144	Classroom	0.4
139	A142	Classroom	1.0



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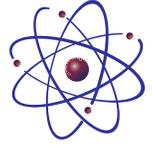
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140	A141	Classroom	0.9
141	A136	Classroom	0.6
142	A137	Office	0.1
143	A132	Classroom	0.6
144	A133	Classroom	0.7
145	A131	Classroom	0.2
146	A145	Classroom	0.9
147	A185	Classroom	0.7
148	A179	Classroom	0.8
149	A186	Classroom	0.6
150	A187	Classroom	0.1
151	A189	Classroom	0.4
152	A193	Office	0.6
153	A188	Office	0.4
154	A190	Office	0.4
155	A192	Classroom	0.4
156	A184	Office	1.9
157	A183	Office	0.1
158	A182	Room	0.6
159	A178	Classroom	1.5
160	A176	Classroom	0.4
161	A174	Classroom	1.3
162	A172	Classroom	0.7
163	Offices near A176	Office	1.5
164	A191	Classroom	0.7
165	B185	Office	1.0
166	B111	Classroom	1.2
167	Library	Area	0.5
168	B105 Think Tank 1	Classroom	0.9
169	B105 Think Tank 2	Classroom	1.1
170	B104	Classroom	0.2
171	B105 Think Tank 3	Classroom	0.5
172	B107	Office	0.4
173	Library	Area	0.4
174	B115	Classroom	0.7
175	B116	Office	0.7
176	B117	Office	1.6
177	B114	Classroom	0.7
178	A177	Classroom	1.5



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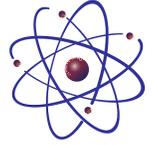
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179	A175	Classroom	0.7
180	A173	Classroom	0.2
181	A171	Classroom	0.4
182	B113	Storage	1.1
183	C102	Classroom	0.9
184	C103	Classroom	0.6
185	C104	Classroom	0.6
186	C105	Classroom	1.1
187	C106	Classroom	1.0
188	C108	Classroom	1.9
189	C107	Classroom	2.6
190	C110	Office	0.7
191	C109	Office	1.2
192	C101	Office	2.2
193	C111	Office	1.1
194	C116	Classroom	3.0
195	C114	Classroom	2.6
196	C118	Classroom	1.5
197	C119	Classroom	2.1
198	D117	Classroom	1.2
199	D118	Classroom	1.0
200	D118	Classroom	1.4
201	D111	Classroom	1.6
202	D112	Classroom	0.9
203	D110	Classroom	1.6
204	C112	Classroom	1.3
205	D109	Classroom	1.2
206	D108	Office	0.7
207	D101	Office	0.6
208	D107	Classroom	1.2
209	D105	Classroom	1.0
210	D103	Classroom	1.0
211	D104	Area	0.2
212	Theatre Foyer	Area	3.2
213	E106	Classroom	0.9
214	E107	Office	1.5
215	E115	Storage	0.9
216	E140	Classroom	1.3
217	E141	Office	2.3



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218	E144	Classroom	0.9
219	E142	Office	2.1
220	E146	Storage	2.3
221	E148	Room	1.0
222	E149	Room	0.4
223	E150	Room	1.1
224	E147	Room	0.5
225	E151	Room	1.0
226	E153	Storage	1.1
227	E117	Area	0.6
228	Theatre	Area	1.3
229	Theatre	Area	1.5
230	G152	Office	0.6
231	Cafeteria	Area	0.7
232	Cafeteria	Area	0.1
233	Serving Lanes	Area	0.9
234	Cafeteria	Area	0.5



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List of Locations Above the Action Level

**Recommendation:** *Perform a Follow-Up test.*

Room Name/Number	Description	Results
G157	Office	6.6
I025	Storage	8.2
J101 South Wall	Area	15.2

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.

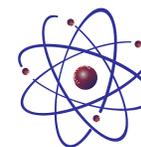


**Radon Detection Specialists, Inc.**  
825 N Cass Avenue • Suite 310  
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Report Prepared By: Kirsten Schmidt, NRPP018034RMP,  
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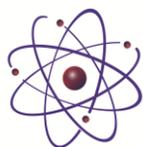
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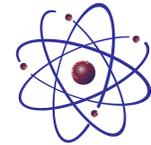
## Appendix A: Device Table

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	SND514	K122 South Wall	Area	Slab-on-Grade	Yes	12/11/2023 9:35 AM	462	12/13/2023 10:47 AM	456		0.9	S
2	SNH474	K118	Storage	Slab-on-Grade	Yes	12/11/2023 9:38 AM	466	12/13/2023 10:46 AM	461		0.6	S
3	SMR689	K122 North Wall	Area	Slab-on-Grade	Yes	12/11/2023 9:41 AM	389	12/13/2023 10:49 AM	386		0.1	S
4	SNH503	K126	Maintenance	Slab-on-Grade	Yes	12/11/2023 9:43 AM	538	12/13/2023 10:50 AM	532		0.9	S
5	SDW460	K122	Office	Slab-on-Grade	Yes	12/11/2023 9:46 AM	271	12/13/2023 10:44 AM	268		0.2	S
6	SND520	K209	Area	2nd Floor	Yes	12/11/2023 9:50 AM	507	12/13/2023 10:53 AM	502		0.6	S
7	SMT319	K131	Storage	Slab-on-Grade	Yes	12/11/2023 9:53 AM	239	12/13/2023 10:56 AM	236		0.2	S
7	SDK028	K131	Storage	Slab-on-Grade	Yes	12/11/2023 9:54 AM	260	12/13/2023 10:55 AM	256		0.5	D



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8	SMT146	K132	Storage	Slab-on-Grade	Yes	12/11/2023 9:55 AM	339	12/13/2023 10:57 AM	331		1.5	S
9	SND268	K133	Maintenance	Slab-on-Grade	Yes	12/11/2023 9:56 AM	335	12/13/2023 10:57 AM	330		0.7	S
9	SKR019	K133	Maintenance	Slab-on-Grade	Yes	12/11/2023 9:57 AM	96	12/13/2023 10:58 AM	96		-0.7	B
10	SDG262	I105 North Wall	Area	Slab-on-Grade	Yes	12/11/2023 10:00 AM	429	12/13/2023 11:00 AM	425		0.4	S
11	SDQ578	I105 South Wall	Area	Slab-on-Grade	Yes	12/11/2023 10:01 AM	382	12/13/2023 11:01 AM	377		0.7	S
12	SDH430	I201	Area	2nd Floor	Yes	12/11/2023 10:04 AM	331	12/13/2023 11:03 AM	325		1.0	S
13	SND308	I101 South Wall	Area	Slab-on-Grade	Yes	12/11/2023 10:08 AM	507	12/13/2023 11:06 AM	500		1.1	S
14	SNG183	I101 North Wall	Area	Slab-on-Grade	Yes	12/11/2023 10:09 AM	380	12/13/2023 11:05 AM	375		0.7	S
15	SDG442	I104	Storage	Slab-on-Grade	Yes	12/11/2023 10:11 AM	319	12/13/2023 11:45 AM	313		0.9	S
16	SDH626	I106	Storage	Slab-on-Grade	Yes	12/11/2023 10:13 AM	159	12/13/2023 11:06 AM	150		2.1	S
17	SDV863	J101 East Wall	Area	Slab-on-Grade	Yes	12/11/2023 10:14 AM	138	12/13/2023 11:09 AM	126		3.1	S
18	SDW502	J101 North Wall	Area	Slab-on-Grade	Yes	12/11/2023 10:17 AM	286	12/13/2023 11:10 AM	280		1.0	S
19	SDW444	J101 West Wall	Area	Slab-on-Grade	Yes	12/11/2023 10:18 AM	440	12/13/2023 11:12 AM	433		1.2	S
20	SNG692	J105	Storage	Slab-on-Grade	Yes	12/11/2023 10:21 AM	479	12/13/2023 11:13 AM	472		1.1	D
20	SDW420	J105	Storage	Slab-on-Grade	Yes	12/11/2023 10:20 AM	378	12/13/2023 11:13 AM	371		1.2	S

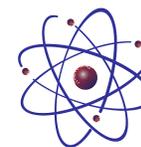


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21	SDU877	J109	Storage	Slab-on-Grade	Yes	12/11/2023 10:22 AM	448	12/13/2023 11:15 AM	440		1.4	S
22	SDQ622	J101 South Wall	Area	Slab-on-Grade	Yes	12/11/2023 10:24 AM	505	12/13/2023 11:17 AM	443		15.2	S
23	SDH426	J107	Storage	Slab-on-Grade	Yes	12/11/2023 10:27 AM	392	12/13/2023 11:19 AM	380		2.5	S
24	SNS144	J106	Storage	Slab-on-Grade	Yes	12/11/2023 10:28 AM	705	12/13/2023 11:20 AM	701		0.3	S
25	SDH609	I108	Storage	Slab-on-Grade	Yes	12/11/2023 10:30 AM	205	12/13/2023 11:07 AM	200		0.8	S
26	SDW919	I021	Storage	Basement	Yes	12/11/2023 10:32 AM	453	12/13/2023 11:23 AM	447		0.9	S
27	SDO545	I023	Classroom	Basement	Yes	12/11/2023 10:33 AM	394	12/13/2023 11:24 AM	387		1.2	S
28	SDQ734	I024	Storage	Basement	Yes	12/11/2023 10:36 AM	282	12/13/2023 11:25 AM	266		3.8	S
29	SDU693	I025	Storage	Basement	Yes	12/11/2023 10:37 AM	228	12/13/2023 11:27 AM	197		8.2	S
30	SLL824	I028	Office	Basement	Yes	12/11/2023 10:38 AM	170	12/13/2023 11:29 AM	164		1.1	S
30	SNG007	I028	Office	Basement	Yes	12/11/2023 10:39 AM	510	12/13/2023 11:28 AM	504		0.9	D
31	SNS247	I027	Office	Basement	Yes	12/11/2023 10:40 AM	732	12/13/2023 11:28 AM	725		1.0	S
31	SDD744	I027	Office	Basement	Yes	12/11/2023 10:41 AM	100	12/13/2023 11:27 AM	100		-0.7	B
32	SDF466	I030	Classroom	Basement	Yes	12/11/2023 10:43 AM	254	12/13/2023 11:30 AM	250		0.5	S
33	SDW440	I026	Storage	Basement	Yes	12/11/2023 10:44 AM	361	12/13/2023 11:31 AM	353		1.5	S



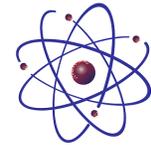


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34	SNG706	I001	Storage	Basement	Yes	12/11/2023 10:47 AM	512	12/13/2023 11:32 AM	500		2.4	S
35	SDW787	I103	Office	Slab-on-Grade	Yes	12/11/2023 10:51 AM	172	12/13/2023 11:36 AM	168		0.5	S
36	SDD023	I102	Office	Slab-on-Grade	Yes	12/11/2023 10:52 AM	341	12/13/2023 11:35 AM	328		2.8	S
37	SNG558	H107	Storage	Slab-on-Grade	Yes	12/11/2023 10:56 AM	110	12/13/2023 11:37 AM	105		0.9	S
38	SDQ617	H103	Office	Slab-on-Grade	Yes	12/11/2023 10:58 AM	444	12/13/2023 11:41 AM	441		0.1	S
39	SNS091	H104	Office	Slab-on-Grade	Yes	12/11/2023 10:59 AM	750	12/13/2023 11:40 AM	747		0.1	S
40	SDG522	H105	Office	Slab-on-Grade	Yes	12/11/2023 11:00 AM	405	12/13/2023 11:41 AM	401		0.4	S
41	SDC862	H106	Office	Slab-on-Grade	Yes	12/11/2023 11:02 AM	325	12/13/2023 11:39 AM	320		0.7	S
42	SNE698	H106A	Office	Slab-on-Grade	Yes	12/11/2023 11:03 AM	483	12/13/2023 11:40 AM	479		0.4	S
43	SND403	H102	Maintenance	Slab-on-Grade	Yes	12/11/2023 11:05 AM	531	12/13/2023 11:47 AM	520		2.1	S
43	SNG055	H102	Maintenance	Slab-on-Grade	Yes	12/11/2023 11:06 AM	539	12/13/2023 11:49 AM	531		1.4	D
44	SDQ582	Main Foyer	Area	Slab-on-Grade	Yes	12/11/2023 11:07 AM	441	12/13/2023 11:48 AM	435		0.9	S
45	SDQ723	G102	Office	Slab-on-Grade	Yes	12/11/2023 11:10 AM	430	12/13/2023 11:50 AM	421		1.7	S
45	SNG220	G102	Office	Slab-on-Grade	Yes	12/11/2023 11:11 AM	521	12/13/2023 11:50 AM	514		1.1	D
46	SDH490	G106	Office	Slab-on-Grade	Yes	12/11/2023 11:12 AM	299	12/13/2023 12:01 PM	295		0.4	S



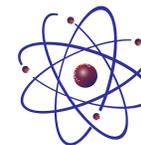
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46	SKZ545	G106	Office	Slab-on-Grade	Yes	12/11/2023 11:12 AM	96	12/13/2023 12:01 PM	96		-0.7	B
47	SNS50	G104	Office	Slab-on-Grade	Yes	12/11/2023 11:14 AM	728	12/13/2023 12:05 PM	722		0.8	S
48	SDK075	G111	Office	Slab-on-Grade	Yes	12/11/2023 11:16 AM	128	12/13/2023 11:52 AM	123		0.9	S
49	SDG573	G105	Office	Slab-on-Grade	Yes	12/11/2023 11:17 AM	315	12/13/2023 12:02 PM	309		1.0	S
50	SDW439	G119	Office	Slab-on-Grade	Yes	12/11/2023 11:18 AM	423	12/13/2023 12:00 PM	419		0.4	S
51	SDQ595	G101	Office	Slab-on-Grade	Yes	12/11/2023 11:20 AM	359	12/13/2023 11:59 AM	344		3.4	S
52	SNG576	G120	Office	Slab-on-Grade	Yes	12/11/2023 11:21 AM	274	12/13/2023 12:04 PM	258		3.8	S
53	SDG457	G112	Office	Slab-on-Grade	Yes	12/11/2023 11:22 AM	409	12/13/2023 11:53 AM	404		0.7	S
53	SDH611	G112	Office	Slab-on-Grade	Yes	12/11/2023 11:23 AM	427	12/13/2023 11:52 AM	421		0.9	D
54	SNE442	G113	Office	Slab-on-Grade	Yes	12/11/2023 11:24 AM	449	12/13/2023 11:55 AM	444		0.6	S
55	SDF690	G114	Office	Slab-on-Grade	Yes	12/11/2023 11:25 AM	340	12/13/2023 11:59 AM	325		3.4	S
55	SDW743	G114	Office	Slab-on-Grade	Yes	12/11/2023 11:26 AM	102	12/13/2023 11:54 AM	102		-0.7	B
56	SDW620	G115	Office	Slab-on-Grade	Yes	12/11/2023 11:27 AM	385	12/13/2023 11:55 AM	371		3.1	S
57	SNS237	G118	Storage	Slab-on-Grade	Yes	12/11/2023 11:28 AM	642	12/13/2023 12:06 PM	638		0.3	S
58	SDH343	G136	Maintenance	Slab-on-Grade	Yes	12/11/2023 11:31 AM	455	12/13/2023 12:07 PM	443		2.5	S



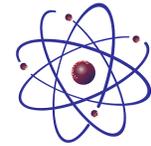
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59	SDF791	G139	Maintenance	Slab-on-Grade	Yes	12/11/2023 11:32 AM	355	12/13/2023 12:08 PM	350		0.7	S
60	SDO361	G138	Office	Slab-on-Grade	Yes	12/11/2023 11:33 AM	410	12/13/2023 12:11 PM	405		0.7	S
61	SDG448	G131	Maintenance	Slab-on-Grade	Yes	12/11/2023 11:37 AM	256	12/13/2023 12:13 PM	249		1.3	S
62	SDQ672	Loading Dock	Maintenance	Slab-on-Grade	Yes	12/11/2023 11:39 AM	375	12/13/2023 12:13 PM	371		0.4	S
63	SDU691	G132	Office	Slab-on-Grade	Yes	12/11/2023 11:40 AM	113	12/13/2023 12:11 PM	107		1.3	S
64	SND511	G135	Office	Slab-on-Grade	Yes	12/11/2023 11:42 AM	201	12/13/2023 12:16 PM	196		0.8	S
64	SDK207	G135	Office	Slab-on-Grade	Yes	12/11/2023 11:42 AM	347	12/13/2023 12:15 PM	342		0.7	D
65	SNG171	G142	Storage	Slab-on-Grade	Yes	12/11/2023 11:44 AM	601	12/13/2023 12:26 PM	595		0.8	S
66	SDQ609	G144	Storage	Slab-on-Grade	Yes	12/11/2023 11:45 AM	351	12/13/2023 12:21 PM	345		1.0	S
67	SDG269	G145	Storage	Slab-on-Grade	Yes	12/11/2023 11:46 AM	337	12/13/2023 12:27 PM	333		0.4	S
68	SDK241	G141	Office	Slab-on-Grade	Yes	12/11/2023 11:47 AM	223	12/13/2023 12:19 PM	211		2.8	S
69	SDH418	G140	Kitchen	Slab-on-Grade	Yes	12/11/2023 11:49 AM	168	12/13/2023 12:18 PM	162		1.1	S
70	SND513	G147	Kitchen	Slab-on-Grade	Yes	12/11/2023 11:51 AM	434	12/13/2023 12:18 PM	428		0.9	S
71	SDG345	G146	Kitchen	Slab-on-Grade	Yes	12/11/2023 11:52 AM	338	12/13/2023 12:22 PM	326		2.6	S
72	SDC967	G148	Kitchen	Slab-on-Grade	Yes	12/11/2023 11:53 AM	252	12/13/2023 12:17 PM	247		0.8	S



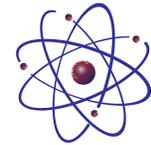
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73	SDW431	G193	Office	Slab-on-Grade	Yes	12/11/2023 11:54 AM	327	12/13/2023 12:36 PM	318		1.8	S
74	SND290	G192	Office	Slab-on-Grade	Yes	12/11/2023 11:55 AM	128	12/13/2023 12:37 PM	120		1.8	S
75	SDQ802	G190	Office	Slab-on-Grade	Yes	12/11/2023 11:56 AM	191	12/13/2023 12:37 PM	185		1.1	S
76	SDK039	G191	Office	Slab-on-Grade	Yes	12/11/2023 11:57 AM	118	12/13/2023 12:38 PM	110		1.9	S
77	SDG198	G189	Office	Slab-on-Grade	Yes	12/11/2023 11:58 AM	400	12/13/2023 12:39 PM	393		1.2	S
77	SDQ403	G189	Office	Slab-on-Grade	Yes	12/11/2023 11:59 AM	179	12/13/2023 12:39 PM	172		1.4	D
78	SDQ759	G188	Office	Slab-on-Grade	Yes	12/11/2023 12:00 PM	132	12/13/2023 12:40 PM	125		1.5	S
78	SNG230	G188	Office	Slab-on-Grade	Yes	12/11/2023 12:00 PM	504	12/13/2023 12:41 PM	503		-0.4	B
79	SDG511	G186	Office	Slab-on-Grade	Yes	12/11/2023 12:01 PM	389	12/13/2023 12:42 PM	380		1.7	S
80	SDW527	G187	Office	Slab-on-Grade	Yes	12/11/2023 12:02 PM	233	12/13/2023 12:41 PM	226		1.3	S
81	SDW486	G185	Office	Slab-on-Grade	Yes	12/11/2023 12:03 PM	227	12/13/2023 12:43 PM	220		1.3	S
82	SNE727	G184	Office	Slab-on-Grade	Yes	12/11/2023 12:04 PM	337	12/13/2023 12:44 PM	331		1.0	S
83	SDS161	G182	Office	Slab-on-Grade	Yes	12/11/2023 12:06 PM	251	12/13/2023 12:46 PM	244		1.3	S
84	SMT158	G183	Office	Slab-on-Grade	Yes	12/11/2023 12:07 PM	386	12/13/2023 12:48 PM	379		1.2	S
85	SNG826	G181	Office	Slab-on-Grade	Yes	12/11/2023 12:08 PM	613	12/13/2023 12:50 PM	606		1.1	S



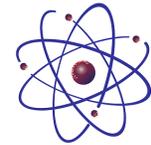
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86	SDG186	G179	Office	Slab-on-Grade	Yes	12/11/2023 12:09 PM	395	12/13/2023 12:51 PM	389		0.9	S
87	SDG467	G171	Storage	Slab-on-Grade	Yes	12/11/2023 12:10 PM	257	12/13/2023 12:52 PM	250		1.3	S
87	SDW496	G171	Storage	Slab-on-Grade	Yes	12/11/2023 12:11 PM	307	12/13/2023 12:52 PM	299		1.5	D
88	SNS161	G176	Office	Slab-on-Grade	Yes	12/11/2023 12:12 PM	690	12/13/2023 12:53 PM	683		1.1	S
89	SNG710	G177	Office	Slab-on-Grade	Yes	12/11/2023 12:14 PM	256	12/13/2023 12:54 PM	250		1.0	S
90	SNG197	G175	Office	Slab-on-Grade	Yes	12/11/2023 12:15 PM	390	12/13/2023 12:55 PM	381		1.7	S
90	SKZ579	G175	Office	Slab-on-Grade	Yes	12/11/2023 12:15 PM	98	12/13/2023 12:55 PM	98		-0.7	B
91	SDG477	G174	Office	Slab-on-Grade	Yes	12/11/2023 12:16 PM	315	12/13/2023 12:56 PM	308		1.3	S
92	SDQ708	G173	Office	Slab-on-Grade	Yes	12/11/2023 12:17 PM	213	12/13/2023 12:56 PM	207		1.1	S
93	SND275	G172	Office	Slab-on-Grade	Yes	12/11/2023 12:18 PM	472	12/13/2023 12:58 PM	465		1.1	S
94	SDQ580	G168	Office	Slab-on-Grade	Yes	12/11/2023 12:19 PM	407	12/13/2023 12:58 PM	400		1.2	S
95	SDH586	G167	Office	Slab-on-Grade	Yes	12/11/2023 12:20 PM	431	12/13/2023 1:00 PM	425		0.9	S
96	SDK124	G166	Office	Slab-on-Grade	Yes	12/11/2023 12:21 PM	287	12/13/2023 1:01 PM	279		1.6	S
97	SNS268	G155	Office	Slab-on-Grade	Yes	12/11/2023 12:22 PM	740	12/13/2023 12:59 PM	734		0.8	S
97	SDU724	G155	Office	Slab-on-Grade	Yes	12/11/2023 12:23 PM	238	12/13/2023 1:00 PM	232		1.0	D



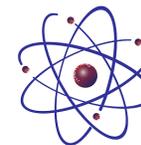
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98	SDG352	G156	Office	Slab-on-Grade	Yes	12/11/2023 12:24 PM	349	12/13/2023 1:02 PM	343		1.0	S
99	SNH630	G157	Office	Slab-on-Grade	Yes	12/11/2023 12:25 PM	444	12/13/2023 1:03 PM	416		6.6	S
100	SDF743	G158	Office	Slab-on-Grade	Yes	12/11/2023 12:31 PM	254	12/13/2023 1:04 PM	248		1.0	S
101	SDK013	G156A	Office	Slab-on-Grade	Yes	12/11/2023 12:32 PM	428	12/13/2023 1:05 PM	422		0.9	S
102	SDW448	G153	Office	Slab-on-Grade	Yes	12/11/2023 12:35 PM	201	12/13/2023 1:07 PM	195		1.1	S
103	SNG122	G154	Office	Slab-on-Grade	Yes	12/11/2023 12:36 PM	570	12/13/2023 1:08 PM	564		0.9	S
103	SNI639	G154	Office	Slab-on-Grade	Yes	12/11/2023 12:37 PM	456	12/13/2023 1:09 PM	449		1.2	D
104	SDG304	G165	Office	Slab-on-Grade	Yes	12/11/2023 12:39 PM	432	12/13/2023 1:10 PM	424		1.4	S
104	SDW157	G165	Office	Slab-on-Grade	Yes	12/11/2023 12:39 PM	84	12/13/2023 1:10 PM	84		-0.7	B
105	SDK227	G164	Office	Slab-on-Grade	Yes	12/11/2023 12:40 PM	250	12/13/2023 1:11 PM	243		1.3	S
106	SNG212	G163	Storage	Slab-on-Grade	Yes	12/11/2023 12:43 PM	328	12/13/2023 1:12 PM	322		1.0	D
106	SNG086	G163	Storage	Slab-on-Grade	Yes	12/11/2023 12:42 PM	410	12/13/2023 1:12 PM	403		1.2	S
107	SDF842	G151	Storage	Slab-on-Grade	Yes	12/11/2023 12:45 PM	197	12/13/2023 1:13 PM	185		2.9	S
108	SND486	G150	Office	Slab-on-Grade	Yes	12/11/2023 12:46 PM	530	12/13/2023 1:14 PM	524		0.9	S
109	SDV800	G103	Office	Slab-on-Grade	Yes	12/11/2023 12:53 PM	189	12/13/2023 1:17 PM	177		2.9	S



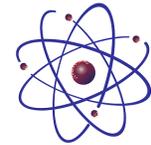
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110	SDG060	A204	Classroom	2nd Floor	Yes	12/11/2023 9:35 AM	400	12/13/2023 10:56 AM	395		0.6	S
110	SNE569	A204	Classroom	2nd Floor	Yes	12/11/2023 9:35 AM	564	12/13/2023 10:56 AM	560		0.3	D
111	SDQ662	A202	Classroom	2nd Floor	Yes	12/11/2023 9:37 AM	370	12/13/2023 10:55 AM	369		-0.4	B
111	SDF968	A202	Classroom	2nd Floor	Yes	12/11/2023 9:36 AM	384	12/13/2023 10:56 AM	380		0.4	S
112	SDG517	A211	Classroom	2nd Floor	Yes	12/11/2023 9:38 AM	218	12/13/2023 10:54 AM	215		0.2	S
113	SNE730	A231	Room	2nd Floor	Yes	12/11/2023 9:41 AM	604	12/13/2023 10:55 AM	603		-0.4	S
114	SDG461	A253	Classroom	2nd Floor	Yes	12/11/2023 9:42 AM	220	12/13/2023 10:54 AM	216		0.5	S
115	SLL815	A276	Classroom	2nd Floor	Yes	12/11/2023 9:44 AM	149	12/13/2023 10:53 AM	145		0.6	S
116	SDM761	Offices near C204	Office	2nd Floor	Yes	12/11/2023 9:47 AM	114	12/13/2023 10:54 AM	109		0.9	S
117	SDQ763	C213	Classroom	2nd Floor	Yes	12/11/2023 9:49 AM	405	12/13/2023 10:54 AM	399		0.9	S
118	SDQ729	D213	Classroom	2nd Floor	Yes	12/11/2023 9:51 AM	360	12/13/2023 10:53 AM	356		0.4	S
119	SDQ574	D205	Classroom	2nd Floor	Yes	12/11/2023 9:53 AM	427	12/13/2023 10:55 AM	424		0.1	S
120	SDC943	A105	Classroom	Slab-on-Grade	Yes	12/11/2023 9:58 AM	379	12/13/2023 11:11 AM	375		0.4	S
121	SNE437	A106	Classroom	Slab-on-Grade	Yes	12/11/2023 9:59 AM	537	12/13/2023 11:12 AM	534		0.1	S
122	SDW447	A102	Classroom	Slab-on-Grade	Yes	12/11/2023 10:01 AM	302	12/13/2023 11:09 AM	296		1.0	S



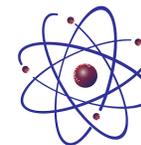
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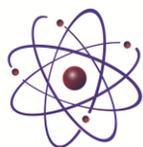
122	SND445	A102	Classroom	Slab-on-Grade	Yes	12/11/2023 10:02 AM	594	12/13/2023 11:13 AM	589		0.6	D
123	SND410	A112	Office	Slab-on-Grade	Yes	12/11/2023 10:04 AM	471	12/13/2023 11:08 AM	467		0.4	S
124	SNE523	A113	Office	Slab-on-Grade	Yes	12/11/2023 10:04 AM	501	12/13/2023 11:10 AM	497		0.4	S
125	SLE214	A114	Classroom	Slab-on-Grade	Yes	12/11/2023 10:06 AM	208	12/13/2023 11:09 AM	202		1.1	S
126	SDF914	A115	Office	Slab-on-Grade	Yes	12/11/2023 10:07 AM	263	12/13/2023 11:11 AM	260		0.2	S
127	SNF961	A116	Classroom	Slab-on-Grade	Yes	12/11/2023 10:10 AM	462	12/13/2023 11:11 AM	458		0.4	S
128	SNG658	A117	Office	Slab-on-Grade	Yes	12/11/2023 10:10 AM	480	12/13/2023 11:12 AM	475		0.6	S
129	SND287	A118	Room	Slab-on-Grade	Yes	12/11/2023 10:11 AM	319	12/13/2023 11:10 AM	315		0.4	S
130	SDH455	A119	Classroom	Slab-on-Grade	Yes	12/11/2023 10:12 AM	99	12/13/2023 11:08 AM	99		-0.7	B
130	SNI505	A119	Classroom	Slab-on-Grade	Yes	12/11/2023 10:12 AM	412	12/13/2023 11:13 AM	409		0.1	S
131	SDW580	A120	Office	Slab-on-Grade	Yes	12/11/2023 10:13 AM	148	12/13/2023 11:29 AM	144		0.5	S
132	SDK211	A121	Classroom	Slab-on-Grade	Yes	12/11/2023 10:16 AM	316	12/13/2023 11:08 AM	312		0.4	S
133	SND417	A122	Office	Slab-on-Grade	Yes	12/11/2023 10:16 AM	471	12/13/2023 11:10 AM	467		0.4	S
134	SDG119	A123	Office	Slab-on-Grade	Yes	12/11/2023 10:18 AM	256	12/13/2023 11:17 AM	252		0.5	S
134	SDG308	A123	Office	Slab-on-Grade	Yes	12/11/2023 10:18 AM	462	12/13/2023 11:17 AM	458		0.4	D



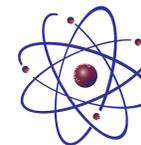
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135	SNH705	A124	Office	Slab-on-Grade	Yes	12/11/2023 10:19 AM	390	12/13/2023 11:17 AM	384		0.9	S
136	SNG724	A107	Office	Slab-on-Grade	Yes	12/11/2023 10:21 AM	462	12/13/2023 11:09 AM	446		3.5	S
137	SNS324	A153	Classroom	Slab-on-Grade	Yes	12/11/2023 10:23 AM	672	12/13/2023 11:27 AM	665		1.1	S
137	SNG832	A153	Classroom	Slab-on-Grade	Yes	12/11/2023 10:23 AM	480	12/13/2023 11:26 AM	479		-0.4	B
138	SDU866	A144	Classroom	Slab-on-Grade	Yes	12/11/2023 10:25 AM	378	12/13/2023 11:28 AM	374		0.4	S
139	SNG683	A142	Classroom	Slab-on-Grade	Yes	12/11/2023 10:27 AM	323	12/13/2023 11:24 AM	317		1.0	S
140	SDW463	A141	Classroom	Slab-on-Grade	Yes	12/11/2023 10:28 AM	403	12/13/2023 11:26 AM	397		0.9	S
141	SDF745	A136	Classroom	Slab-on-Grade	Yes	12/11/2023 10:29 AM	120	12/13/2023 11:25 AM	116		0.6	S
142	SNE517	A137	Office	Slab-on-Grade	Yes	12/11/2023 10:29 AM	506	12/13/2023 11:26 AM	503		0.1	S
143	SNE567	A132	Classroom	Slab-on-Grade	Yes	12/11/2023 10:31 AM	466	12/13/2023 11:28 AM	461		0.6	S
144	SNG123	A133	Classroom	Slab-on-Grade	Yes	12/11/2023 10:32 AM	403	12/13/2023 11:25 AM	398		0.7	S
145	SDQ639	A131	Classroom	Slab-on-Grade	Yes	12/11/2023 10:33 AM	321	12/13/2023 11:24 AM	318		0.2	S
146	SDF701	A145	Classroom	Slab-on-Grade	Yes	12/11/2023 10:35 AM	330	12/13/2023 11:24 AM	325		0.7	S
146	SDG431	A145	Classroom	Slab-on-Grade	Yes	12/11/2023 10:35 AM	316	12/13/2023 11:26 AM	310		1.0	D
147	SDQ745	A185	Classroom	Slab-on-Grade	Yes	12/11/2023 10:37 AM	382	12/13/2023 11:44 AM	377		0.7	S



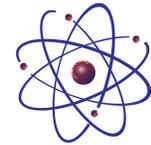
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147	SLL764	A185	Classroom	Slab-on-Grade	Yes	12/11/2023 10:37 AM	90	12/13/2023 11:39 AM	90		-0.7	B
148	SNS496	A179	Classroom	Slab-on-Grade	Yes	12/11/2023 10:39 AM	672	12/13/2023 11:43 AM	666		0.8	S
149	SNG129	A186	Classroom	Slab-on-Grade	Yes	12/11/2023 10:40 AM	525	12/13/2023 11:39 AM	520		0.6	S
150	SNG146	A187	Classroom	Slab-on-Grade	Yes	12/11/2023 10:41 AM	417	12/13/2023 11:41 AM	414		0.1	S
151	SDU765	A189	Classroom	Slab-on-Grade	Yes	12/11/2023 10:42 AM	332	12/13/2023 11:42 AM	328		0.4	S
152	SNH757	A193	Office	Slab-on-Grade	Yes	12/11/2023 10:43 AM	469	12/13/2023 11:42 AM	464		0.6	S
153	SDW443	A188	Office	Slab-on-Grade	Yes	12/11/2023 10:44 AM	351	12/13/2023 11:40 AM	347		0.4	S
154	SDC889	A190	Office	Slab-on-Grade	Yes	12/11/2023 10:45 AM	389	12/13/2023 11:41 AM	385		0.4	S
155	SDD761	A192	Classroom	Slab-on-Grade	Yes	12/11/2023 10:46 AM	409	12/13/2023 11:45 AM	405		0.4	S
156	SDF730	A184	Office	Slab-on-Grade	Yes	12/11/2023 10:46 AM	267	12/13/2023 11:37 AM	258		1.8	S
156	SDK205	A184	Office	Slab-on-Grade	Yes	12/11/2023 10:47 AM	228	12/13/2023 11:37 AM	219		1.9	D
157	SDW488	A183	Office	Slab-on-Grade	Yes	12/11/2023 10:48 AM	396	12/13/2023 11:40 AM	393		0.1	S
158	SND479	A182	Room	Slab-on-Grade	Yes	12/11/2023 10:49 AM	429	12/13/2023 11:40 AM	424		0.6	S
159	SDW775	A178	Classroom	Slab-on-Grade	Yes	12/11/2023 10:50 AM	299	12/13/2023 11:36 AM	291		1.5	S
160	SNG772	A176	Classroom	Slab-on-Grade	Yes	12/11/2023 10:51 AM	521	12/13/2023 11:46 AM	517		0.4	S



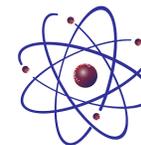
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161	SDG037	A174	Classroom	Slab-on-Grade	Yes	12/11/2023 10:52 AM	169	12/13/2023 11:43 AM	163		1.1	S
161	SDU889	A174	Classroom	Slab-on-Grade	Yes	12/11/2023 10:52 AM	330	12/13/2023 11:38 AM	322		1.5	D
162	SDK169	A172	Classroom	Slab-on-Grade	Yes	12/11/2023 10:54 AM	312	12/13/2023 11:37 AM	307		0.7	S
163	SMT150	Offices near A176	Office	Slab-on-Grade	Yes	12/11/2023 10:55 AM	344	12/13/2023 11:39 AM	336		1.5	S
164	SDM306	A191	Classroom	Slab-on-Grade	Yes	12/11/2023 10:57 AM	294	12/13/2023 11:41 AM	289		0.7	S
165	SDG309	B185	Office	Slab-on-Grade	Yes	12/11/2023 10:59 AM	254	12/13/2023 11:55 AM	248		1.0	S
166	SDQ751	B111	Classroom	Slab-on-Grade	Yes	12/11/2023 11:00 AM	400	12/13/2023 11:52 AM	393		1.2	S
167	SDW624	Library	Area	Slab-on-Grade	Yes	12/11/2023 11:02 AM	221	12/13/2023 11:56 AM	217		0.5	S
168	SNF959	B105 Think Tank 1	Classroom	Slab-on-Grade	Yes	12/11/2023 11:04 AM	488	12/13/2023 11:56 AM	482		0.9	S
169	SNH798	B105 Think Tank 2	Classroom	Slab-on-Grade	Yes	12/11/2023 11:05 AM	470	12/13/2023 11:54 AM	463		1.1	S
170	SDO852	B104	Classroom	Slab-on-Grade	Yes	12/11/2023 11:06 AM	91	12/13/2023 11:56 AM	91		-0.7	B
170	SDF993	B104	Classroom	Slab-on-Grade	Yes	12/11/2023 11:05 AM	291	12/13/2023 11:53 AM	288		0.2	S
171	SDQ650	B105 Think Tank 3	Classroom	Slab-on-Grade	Yes	12/11/2023 11:07 AM	253	12/13/2023 11:57 AM	249		0.5	S
172	SDG331	B107	Office	Slab-on-Grade	Yes	12/11/2023 11:09 AM	356	12/13/2023 11:55 AM	352		0.4	S
173	SNG145	Library	Area	Slab-on-Grade	Yes	12/11/2023 11:10 AM	463	12/13/2023 11:56 AM	459		0.4	S



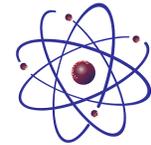
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174	SDF614	B115	Classroom	Slab-on-Grade	Yes	12/11/2023 11:12 AM	340	12/13/2023 11:53 AM	335		0.7	S
175	SND532	B116	Office	Slab-on-Grade	Yes	12/11/2023 11:13 AM	381	12/13/2023 11:57 AM	376		0.7	S
176	SDU688	B117	Office	Slab-on-Grade	Yes	12/11/2023 11:14 AM	245	12/13/2023 11:52 AM	237		1.6	S
177	SDF654	B114	Classroom	Slab-on-Grade	Yes	12/11/2023 11:16 AM	232	12/13/2023 11:53 AM	227		0.8	S
177	SNG827	B114	Classroom	Slab-on-Grade	Yes	12/11/2023 11:16 AM	275	12/13/2023 11:54 AM	271		0.5	D
178	SDQ670	A177	Classroom	Slab-on-Grade	Yes	12/11/2023 11:18 AM	339	12/13/2023 12:13 PM	331		1.5	S
179	SDF684	A175	Classroom	Slab-on-Grade	Yes	12/11/2023 11:19 AM	276	12/13/2023 12:11 PM	271		0.7	S
180	SDD015	A173	Classroom	Slab-on-Grade	Yes	12/11/2023 11:20 AM	321	12/13/2023 12:10 PM	318		0.2	S
181	SDQ607	A171	Classroom	Slab-on-Grade	Yes	12/11/2023 11:22 AM	379	12/13/2023 12:12 PM	375		0.4	S
182	SNG137	B113	Storage	Slab-on-Grade	Yes	12/11/2023 11:24 AM	501	12/13/2023 12:15 PM	494		1.1	S
183	SNI470	C102	Classroom	Slab-on-Grade	Yes	12/11/2023 11:25 AM	510	12/13/2023 12:10 PM	504		0.9	S
184	SNG595	C103	Classroom	Slab-on-Grade	Yes	12/11/2023 11:26 AM	579	12/13/2023 12:12 PM	574		0.6	S
185	SNH641	C104	Classroom	Slab-on-Grade	Yes	12/11/2023 11:27 AM	539	12/13/2023 12:09 PM	534		0.6	S
186	SNG126	C105	Classroom	Slab-on-Grade	Yes	12/11/2023 11:29 AM	487	12/13/2023 12:11 PM	480		1.1	S
187	SDG367	C106	Classroom	Slab-on-Grade	Yes	12/11/2023 11:30 AM	297	12/13/2023 12:10 PM	291		1.0	S



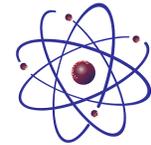
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188	SDQ418	C108	Classroom	Slab-on-Grade	Yes	12/11/2023 11:32 AM	141	12/13/2023 12:01 PM	133		1.8	S
188	SNG072	C108	Classroom	Slab-on-Grade	Yes	12/11/2023 11:32 AM	568	12/13/2023 12:14 PM	558		1.9	D
189	SDV971	C107	Classroom	Slab-on-Grade	Yes	12/11/2023 11:34 AM	113	12/13/2023 12:13 PM	103		2.6	S
190	SDH537	C110	Office	Slab-on-Grade	Yes	12/11/2023 11:35 AM	366	12/13/2023 12:14 PM	361		0.7	S
191	SND544	C109	Office	Slab-on-Grade	Yes	12/11/2023 11:36 AM	416	12/13/2023 12:09 PM	409		1.2	S
192	SND313	C101	Office	Slab-on-Grade	Yes	12/11/2023 11:37 AM	432	12/13/2023 12:11 PM	421		2.2	S
193	SDF510	C111	Office	Slab-on-Grade	Yes	12/11/2023 11:39 AM	105	12/13/2023 12:09 PM	105		-0.7	B
193	SDW917	C111	Office	Slab-on-Grade	Yes	12/11/2023 11:39 AM	206	12/13/2023 12:13 PM	200		1.1	S
194	SMT252	C116	Classroom	Slab-on-Grade	Yes	12/11/2023 11:40 AM	254	12/13/2023 12:15 PM	241		3.0	S
195	SDQ719	C114	Classroom	Slab-on-Grade	Yes	12/11/2023 11:41 AM	340	12/13/2023 12:12 PM	328		2.6	S
196	SDF702	C118	Classroom	Slab-on-Grade	Yes	12/11/2023 11:43 AM	348	12/13/2023 12:14 PM	340		1.5	S
197	SNG138	C119	Classroom	Slab-on-Grade	Yes	12/11/2023 11:46 AM	602	12/13/2023 12:21 PM	591		2.1	S
198	SDG284	D117	Classroom	Slab-on-Grade	Yes	12/11/2023 11:47 AM	344	12/13/2023 12:21 PM	338		1.0	D
198	SDF918	D117	Classroom	Slab-on-Grade	Yes	12/11/2023 11:47 AM	226	12/13/2023 12:20 PM	219		1.4	S
199	SDS121	D118	Classroom	Slab-on-Grade	Yes	12/11/2023 11:49 AM	301	12/13/2023 12:20 PM	295		1.0	S

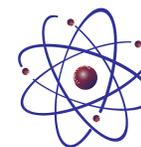


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200	SDS045	D118	Classroom	Slab-on-Grade	Yes	12/11/2023 11:49 AM	211	12/13/2023 12:19 PM	204		1.4	S
201	SND353	D111	Classroom	Slab-on-Grade	Yes	12/11/2023 11:51 AM	286	12/13/2023 12:21 PM	278		1.6	S
202	SDH495	D112	Classroom	Slab-on-Grade	Yes	12/11/2023 11:51 AM	416	12/13/2023 12:20 PM	410		0.9	S
203	SDW623	D110	Classroom	Slab-on-Grade	Yes	12/11/2023 11:54 AM	254	12/13/2023 12:19 PM	246		1.6	S
204	SND442	C112	Classroom	Slab-on-Grade	Yes	12/11/2023 11:55 AM	228	12/13/2023 12:25 PM	221		1.4	S
204	SDK886	C112	Classroom	Slab-on-Grade	Yes	12/11/2023 11:56 AM	355	12/13/2023 12:24 PM	348		1.2	D
205	SND375	D109	Classroom	Slab-on-Grade	Yes	12/11/2023 11:57 AM	349	12/13/2023 12:23 PM	342		1.2	S
206	SDG409	D108	Office	Slab-on-Grade	Yes	12/11/2023 11:58 AM	277	12/13/2023 12:24 PM	272		0.7	S
207	SNG821	D101	Office	Slab-on-Grade	Yes	12/11/2023 11:59 AM	507	12/13/2023 12:24 PM	502		0.6	S
208	SDQ626	D107	Classroom	Slab-on-Grade	Yes	12/11/2023 12:01 PM	158	12/13/2023 12:37 PM	152		1.2	S
209	SDQ837	D105	Classroom	Slab-on-Grade	Yes	12/11/2023 12:02 PM	348	12/13/2023 12:36 PM	342		1.0	S
209	SDM803	D105	Classroom	Slab-on-Grade	Yes	12/11/2023 12:02 PM	82	12/13/2023 12:36 PM	82		-0.7	B
210	SDG384	D103	Classroom	Slab-on-Grade	Yes	12/11/2023 12:04 PM	313	12/13/2023 12:38 PM	307		1.0	S
211	SDG055	D104	Area	Slab-on-Grade	Yes	12/11/2023 12:06 PM	258	12/13/2023 12:35 PM	255		0.2	S
212	SDG446	Theatre Foyer	Area	Slab-on-Grade	Yes	12/11/2023 12:10 PM	307	12/13/2023 12:35 PM	293		3.2	S



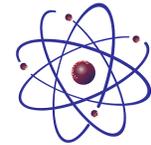


Facility Name: Buffalo Grove High School  
Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089  
Test Dates: Monday, December 11, 2023 to Wednesday, December 13, 2023

213	SDG369	E106	Classroom	Slab-on-Grade	Yes	12/11/2023 12:11 PM	385	12/13/2023 12:38 PM	380		0.7	S
213	SDH374	E106	Classroom	Slab-on-Grade	Yes	12/11/2023 12:12 PM	348	12/13/2023 12:32 PM	342		1.0	D
214	SND515	E107	Office	Slab-on-Grade	Yes	12/11/2023 12:13 PM	394	12/13/2023 12:34 PM	386		1.5	S
215	SDD783	E115	Storage	Slab-on-Grade	Yes	12/11/2023 12:15 PM	131	12/13/2023 12:34 PM	126		0.9	S
216	SDC865	E140	Classroom	Slab-on-Grade	Yes	12/11/2023 12:16 PM	331	12/13/2023 12:36 PM	324		1.3	S
217	SNG773	E141	Office	Slab-on-Grade	Yes	12/11/2023 12:18 PM	338	12/13/2023 12:38 PM	327		2.3	S
218	SND284	E144	Classroom	Slab-on-Grade	Yes	12/11/2023 12:21 PM	467	12/13/2023 12:35 PM	461		0.9	S
219	SDG376	E142	Office	Slab-on-Grade	Yes	12/11/2023 12:21 PM	320	12/13/2023 12:31 PM	310		2.1	S
220	SNE534	E146	Storage	Slab-on-Grade	Yes	12/11/2023 12:23 PM	560	12/13/2023 12:37 PM	548		2.4	S
220	SND347	E146	Storage	Slab-on-Grade	Yes	12/11/2023 12:24 PM	617	12/13/2023 12:31 PM	606		2.1	D
221	SND553	E148	Room	Slab-on-Grade	Yes	12/11/2023 12:25 PM	382	12/13/2023 12:37 PM	376		1.0	S
222	SDF891	E149	Room	Slab-on-Grade	Yes	12/11/2023 12:25 PM	411	12/13/2023 12:36 PM	407		0.4	S
223	SNS148	E150	Room	Slab-on-Grade	Yes	12/11/2023 12:26 PM	719	12/13/2023 12:32 PM	712		1.1	S
224	SDS158	E147	Room	Slab-on-Grade	Yes	12/11/2023 12:27 PM	265	12/13/2023 12:33 PM	261		0.5	S
225	SDH641	E151	Room	Slab-on-Grade	Yes	12/11/2023 12:28 PM	370	12/13/2023 12:33 PM	364		1.0	S



Facility Name: Buffalo Grove High School  
 Test Site: 1100 West Dundee Road  
 Buffalo Grove, IL 60089  
 Test Dates: Monday, December 11, 2023 to Wednesday, December 13, 2023

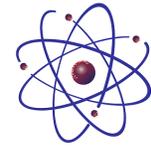


226	SNS131	E153	Storage	Slab-on-Grade	Yes	12/11/2023 12:30 PM	677	12/13/2023 12:34 PM	670		1.1	D
226	SNE729	E153	Storage	Slab-on-Grade	Yes	12/11/2023 12:29 PM	388	12/13/2023 12:34 PM	382		1.0	S
227	SNS100	E117	Area	Slab-on-Grade	Yes	12/11/2023 12:33 PM	733	12/13/2023 12:39 PM	728		0.6	S
228	SDW429	Theatre	Area	Slab-on-Grade	Yes	12/11/2023 12:36 PM	342	12/13/2023 12:39 PM	335		1.3	S
229	SDG346	Theatre	Area	Slab-on-Grade	Yes	12/11/2023 12:38 PM	396	12/13/2023 12:39 PM	388		1.5	S
230	SND384	G152	Office	Slab-on-Grade	Yes	12/11/2023 12:46 PM	521	12/13/2023 12:32 PM	516		0.6	S
231	SDG510	Cafeteria	Area	Slab-on-Grade	Yes	12/11/2023 12:47 PM	334	12/13/2023 12:45 PM	329		0.7	S
232	SNG109	Cafeteria	Area	Slab-on-Grade	Yes	12/11/2023 12:52 PM	535	12/13/2023 12:45 PM	532		0.1	S
233	SDG918	Serving Lanes	Area	Slab-on-Grade	Yes	12/11/2023 12:54 PM	95	12/13/2023 1:20 PM	95		-0.7	B
233	SNG810	Serving Lanes	Area	Slab-on-Grade	Yes	12/11/2023 12:53 PM	404	12/13/2023 1:20 PM	398		0.9	S
234	SNG690	Cafeteria	Area	Slab-on-Grade	Yes	12/11/2023 12:55 PM	281	12/13/2023 12:43 PM	277		0.5	S

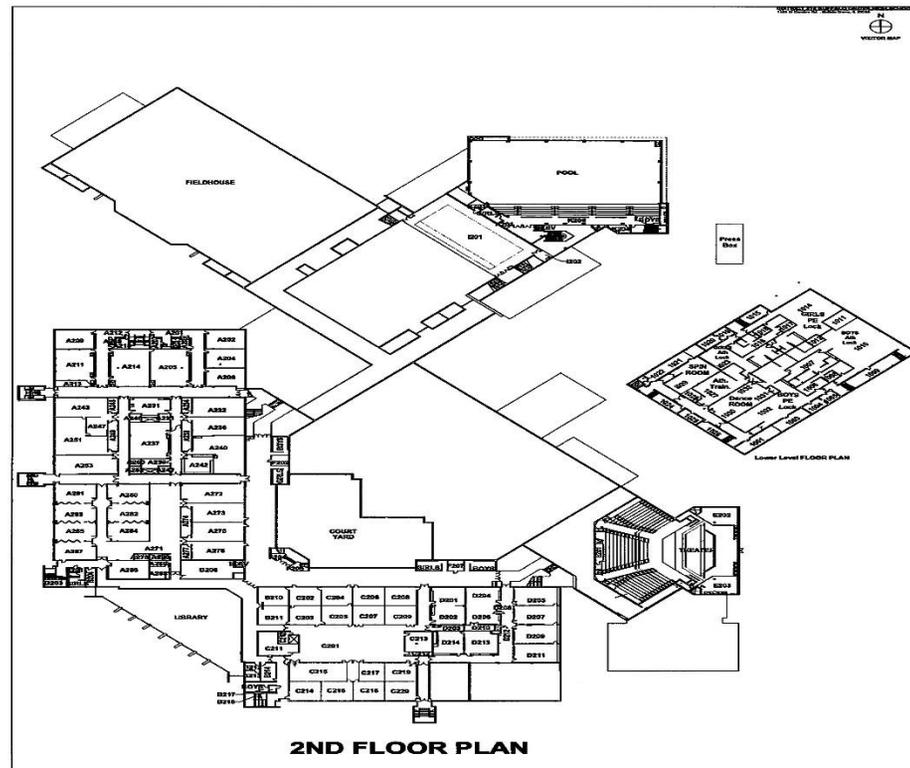


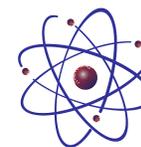


Facility Name: Buffalo Grove High School  
Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089  
Test Dates: Monday, December 11, 2023 to Wednesday, December 13, 2023



## Appendix B2: Site Plan Showing Device Locations





Facility Name: Buffalo Grove High School  
 Test Site: 1100 West Dundee Road  
 Buffalo Grove, IL 60089  
 Test Dates: Monday, December 11, 2023 to Wednesday, December 13, 2023

## Appendix C: License and Credentials



**IEMA: Radon Measurement Professional**  
 RNI2006204



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





Facility Name: Buffalo Grove High School  
Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089  
Test Dates: Monday, December 11, 2023 to Wednesday, December 13, 2023



**NRSB: Accredited Radon Laboratory NRSB ARL1301**



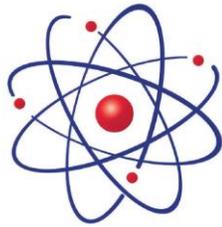
**NRSB: Radon Measurement Specialist NRSB 13SS016**



**AARST-NRPP: Advanced Certification: Multifamily Measurement**



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**RADON  
DETECTION  
SPECIALISTS**

**RADON TEST REPORT  
FOLLOW-UP MEASUREMENT**

**FACILITY NAME: BUFFALO GROVE HIGH SCHOOL**

Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089

Report Date: January 18, 2024



**Radon Detection Specialists, Inc.**  
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Report Prepared By: Kirsten Schmidt, NRPP018034RMP,  
NRSB1355016, RNI2006214  
[kirstens@radondetection.net](mailto:kirstens@radondetection.net)

Facility Name: Buffalo Grove High School  
Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089  
Test Dates: Tuesday, January 16, 2024 to Thursday, January 18, 2024

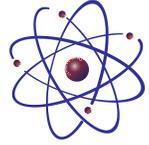
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## Section 1.0 Radon Health Effects

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.**

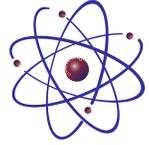
- There is no safe level of radon exposure. Any exposure causes some risk of developing cancer. The National Academy of Sciences (NAS) concluded that only cigarette smoking poses a greater risk. Exposure to radon accounts for 10% of all lung cancer deaths annually.
- As we breathe, the alpha radiation 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: Buffalo Grove High School  
Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089  
Test Dates: Tuesday, January 16, 2024 to Thursday, January 18, 2024



## Section 2.0 Radon Testing Protocol for This Site

### Pre-Deployment Testing Strategy

Measurements will be conducted in 3 locations which previously demonstrated potentially elevated measurements during the initial measurement from December 11, 2023 to December 13, 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: Buffalo Grove High School  
Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089  
Test Dates: Tuesday, January 16, 2024 to Thursday, January 18, 2024



## Section 3.0 Scope of Work Performed

Radon Detection Specialists performed a Follow-Up Measurement in 3 locations at Buffalo Grove High School, located at 1100 West Dundee Road, in Buffalo Grove, Illinois.

This scope of work included a 2-day (short-term) radon test. This measurement was conducted from Tuesday, January 16, 2024 to Thursday, January 18, 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.

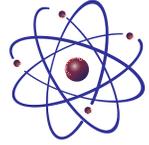
A total of 7 devices were deployed at this site in these configurations:

Measurement Type	Number of Devices
Single	3
Duplicate	3
Blank	1



Facility Name: Buffalo Grove High School  
Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089  
Test Dates: Tuesday, January 16, 2024 to Thursday, January 18, 2024

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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.

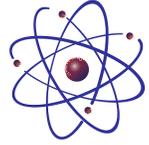
### Device Locations

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.





## 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).**

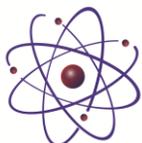
Location #	Room Name/Number	Description	Results (pCi/L)
1	G157	Office	(Initial 6.6) 0.8 = AVG 3.7
2	I025	Storage	(Initial 8.2) 3.8 = AVG 6.0
3	J101 South Wall	Area	(Initial 15.2) 0.8 = AVG 8.0

### **When Follow-Up Measurement Results indicate potential tampering during Initial Measurement: J101 South Wall and G157 Office**

When Initial and Follow-Up measurement results have such a large RPD, this is an indication of potential tampering during the initial measurement. Follow-up measurements are made in duplicate, and both follow-up measurements in each location indicated radon levels well below the Action Level. Out of an abundance of caution, however, long-term testing is recommended in these locations.

### **When potentially elevated levels are found during an initial measurement but not confirmed with follow-up testing in locations that are not regularly occupied: I025 Storage**

As this location is not a regularly occupied space, an initial measurement was made in this location for diagnostic purposes only. Should the occupancy status of this location change, continued follow-up testing and potential consultation with a mitigation professional is recommended.



Facility Name: Buffalo Grove High School  
Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089  
Test Dates: Tuesday, January 16, 2024 to Thursday, January 18, 2024

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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.

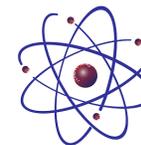


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Report Prepared By: Kirsten Schmidt, NRPP018034RMP,  
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[kirstens@radondetection.net](mailto:kirstens@radondetection.net)

Facility Name: Buffalo Grove High School  
 Test Site: 1100 West Dundee Road  
 Buffalo Grove, IL 60089  
 Test Dates: Tuesday, January 16, 2024 to Thursday, January 18, 2024



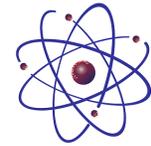
## Appendix A: Device Table

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

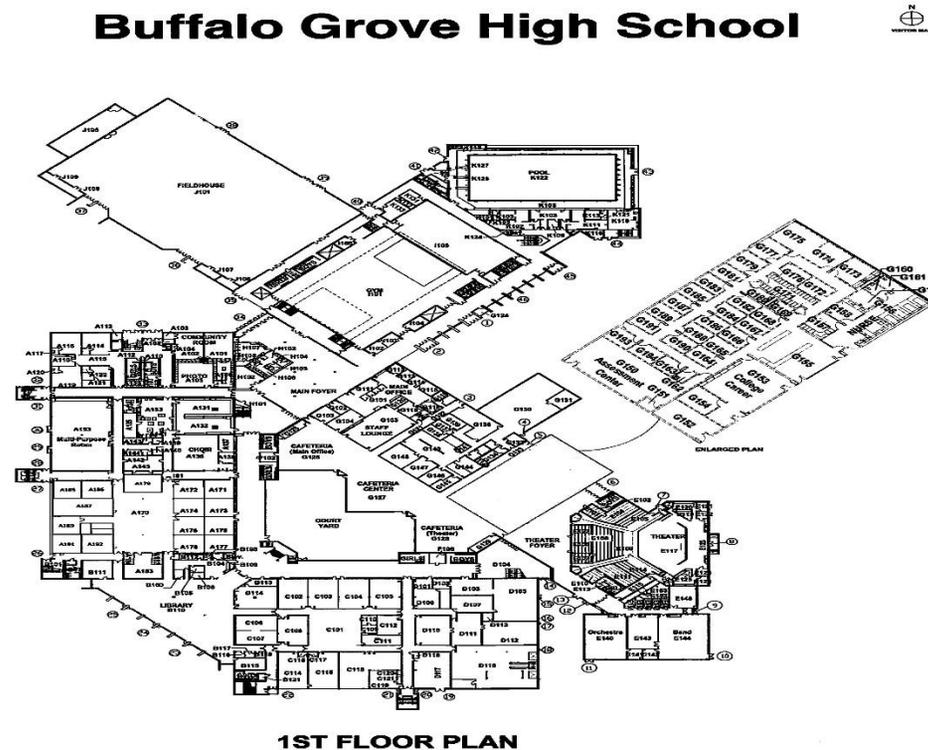
Location #	Serial Number	Room Name/Number	Room Description	Foundation	Occupiable?	Start Day/Time	V1	End Day/Time	V2	Invalid or Missing?	Device Radon Level (pCi/L)	Set Type
1	SLL815	G157	Office	Slab-on-Grade	Yes	1/16/2024 12:31 PM	144	1/19/2024 12:02 PM	137		0.8	S
1	SNE437	G157	Office	Slab-on-Grade	Yes	1/16/2024 12:31 PM	532	1/19/2024 12:01 PM	524		0.7	D
1	SDQ729	G157	Office	Slab-on-Grade	Yes	1/16/2024 12:32 PM	354	1/19/2024 12:01 PM	354		-0.7	B
2	SDG517	I025	Storage	Basement	Yes	1/16/2024 12:35 PM	212	1/19/2024 12:03 PM	191		3.5	S
2	SDU902	I025	Storage	Basement	Yes	1/16/2024 12:36 PM	142	1/19/2024 12:02 PM	120		4.0	D
3	SNS324	J101 South Wall	Area	Slab-on-Grade	Yes	1/16/2024 12:38 PM	640	1/19/2024 12:03 PM	633		0.5	S
3	SNG123	J101 South Wall	Area	Slab-on-Grade	Yes	1/16/2024 12:39 PM	378	1/19/2024 12:02 PM	369		1.0	D



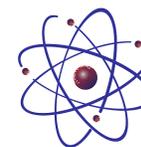
Facility Name: Buffalo Grove High School  
Test Site: 1100 West Dundee Road  
Buffalo Grove, IL 60089  
Test Dates: Tuesday, January 16, 2024 to Thursday, January 18, 2024



## Appendix B: Site Plan Showing Device Locations



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630-325-4443



Facility Name: Buffalo Grove High School  
 Test Site: 1100 West Dundee Road  
 Buffalo Grove, IL 60089  
 Test Dates: Tuesday, January 16, 2024 to Thursday, January 18, 2024

## Appendix C: License and Credentials

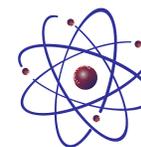


**IEMA: Radon Measurement Professional**  
 RNI2006204



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





Facility Name: Buffalo Grove High School  
Test Site: 1100 West Dundee Road  
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Test Dates: Tuesday, January 16, 2024 to Thursday, January 18, 2024



**NRSB: Accredited Radon Laboratory NRSB ARL1301**



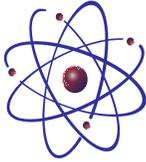
**NRSB: Radon Measurement Specialist NRSB 13SS016**



**AARST-NRPP: Advanced Certification: Multifamily Measurement**



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## Radon Detection Specialists, Inc.

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630-325-4443

# Radon Test Certificate of Completion

Prepared for: Ramboll

Facility Name: Little Bison Buffalo Grove High School

Test Site: 1100 West Dundee Road

Buffalo Grove, IL 60089

Test Date: Monday, December 11, 2023 to Wednesday, December 13, 2023

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Every parent or guardian is notified that this facility has performed radon measurements to ensure the health and safety of the occupants. The Illinois Emergency Management Agency (IEMA) recommends that all residential homes be tested and that corrective actions be taken at levels equal to or greater than 4.0 pCi/L. Radon is a Class A human carcinogen, the leading cause of lung cancer in non-smokers, and the second leading cause of lung cancer overall. For additional information about this facility, contact the licensee, and for additional information regarding radon contact the IEMA Radon Program at 800-325-1245 or on the internet at [www.radon.illinois.gov](http://www.radon.illinois.gov).

Expiration Date: December 11, 2026

Kirsten Schmidt  
Measurement Professional  
IL License RNI2006204

