

J.C. Broderick & Associates, Inc.

Environmental / Construction Consulting & Testing



January 14, 2025

Mr. Severino Fasulo
Syosset Central School District
99 Pell Lane
Syosset, New York 11791

Re: Perform Professional Consulting and Environmental Sampling and Testing for Radon in Air at:

**Site: South Grove Elementary School
60 Colony Lane
Syosset, New York 11791
Site Visits: December 10 & 13, 2024**

JCB#: 24-59116

Dear Mr. Fasulo:

J.C. Broderick and Associates, Inc. (JCB) was retained by the Syosset Central School District (SCSD) to perform environmental sampling for indoor radon gas within the above referenced school building. The radon sampling was performed by experienced JCB representatives on the above referenced dates following the American National Standards Institute (ANSI)/American Association of Radon Scientists and Technologists (AARST) *Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, School, Commercial and Mixed-Use Buildings* MA-MFLB-2023, effective date December 1, 2023, guidance document. The site visits consisted of the following:

- Collection of radon in air samples from 34 locations within occupied rooms in contact with the ground at the above referenced school building.
- Submission of designated samples to an independent New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for radon in air analysis.
- Review and compare the laboratory results to the ANSI/AARST *Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, School, Commercial and Mixed-Use Buildings* MA-MFLB-2023, effective date December 1, 2023.

Summary of Sample Collection, Field Screening and Sample Submission

The following section summarizes the environmental sampling performed.

- On December 10, 2024, a total of 43 short-term radon test kits were deployed at 34 strategic occupied spaces located throughout the above referenced school building. The test kits remained within the given space for a period of three (3) days. A select number of samples served as a duplicate or remained closed as a field blank for QA/QC compliance.

January 14, 2025

Mr. Severino Fasulo of Syosset CSD

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South Grove Elementary School

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Site Visits: December 10 & 13, 2024

JCB#: 24-59116

- The area around each test kit location was field screened for the presence of total volatile organic compounds utilizing a MiniRAE 3000 Portable photo-ionization detector (PID). Technical data pertaining to the MiniRAE 3000 Portable PID is available upon request.
- On December 13, 2024, a total of 43 short-term radon test kits were retrieved, sealed and assigned individual identification numbers. Chain of custody documents were prepared, and the samples were then delivered to an independent New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) accredited radon laboratory for analysis. Prior to sample retrieval, temperature and humidity were recorded utilizing a OXV Thermo-Hygrometer meter.

Quality Assurance and Quality Control (QA/QC) Procedures

To ensure that measurement results are reliable, JCB performed duplicate sampling at seven (7) sample locations. JCB representatives maintained a Radon sampling chain of custody used to track samples from sampling point to analysis which summarized the following:

- Sample identification;
- Test Kit ID number;
- Device ID number;
- Sampling beginning date and time;
- Sampling ending date and time;
- Temperature, °F;
- Humidity, %.

Summary of Laboratory Analysis

Please refer to the Tables located in Attachment #1 for a summary of submitted samples and laboratory analysis results.

- The laboratory analytical results for the radon in air samples were reviewed and compared to the ANSI/AARST *Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, School, Commercial and Mixed-Use Buildings* MA-MFLB-2023, effective date December 1, 2023, which establishes a radon in air action concentration level of 4.0 pCi/L.
 - The laboratory analysis results from the radon in air samples submitted **did not** reveal any elevated concentrations of radon exceeding 4.0 pCi/L, the referenced action level. The highest recorded radon level was located in space Room 123 at a concentration of 1.0 pCi/L each, well below the 4.0 pCi/L action level.
- EMSL Analytical Inc. (EMSL) of Cinnaminson, New Jersey provided laboratory analytical services. Copies of EMSL's NYSDOH certifications are available upon request.

January 14, 2025

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Conclusions and Recommendations

Based upon the results of the laboratory analysis, the USEPA decision matrix does not recommend any additional investigation pertaining to radon in air associated with the above referenced school building.

The ANSI/AARST guidance document recommends that responsible care requires repeating initial testing procedures for all building(s) at least every 5 years and in conjunction with any sale of a building.

Radon testing should also be conducted when any of the following circumstances occur:

- a new addition is constructed or alterations for building reconfiguration or rehabilitation occur;
- a ground contact area not previously tested is occupied, or a building is newly occupied;
- heating or cooling systems are significantly altered, resulting in changes to air pressures or pressure relationships;
- ventilation is significantly altered by extensive weatherization, changes to mechanical systems or comparable procedures;
- significant openings to soil occur due to:
 - groundwater or slab surface water control systems that are altered or added (e.g., sumps, perimeter drain tile, shower/tub retrofits, etc.) or,
 - natural settlement causing major cracks to develop;
- earthquakes or construction blasting, fracking or formation of sink holes nearby; or
- a mitigation system is altered, modified, or repaired.

Should testing indicate concentrations that meet or exceed the action level, conduct evaluations, corrections and further testing until radon concentrations have been mitigated to below the action level.

However, to monitor for possible changes in indoor quality, JCB does recommend that the current annual testing schedule for radon in air within the school building continue.

Please refer to the attached laboratory reports to be included in the District's Radon Measurement Plan.

The following project information is included in the attachments of this report.

1. Tables
2. Figures
3. Field Photograph Logs
4. Laboratory Analysis Reports

If there are any questions or if more information is needed, please feel free to contact our office.

Sincerely,

J. C. Broderick & Associates, Inc.



Steven Muller, P.G.

Director, Subsurface Division

Attachment #1 Tables

Table 1. Summary of Radon Samples Submitted for Laboratory Analysis

Sample ID#	AHERA Space ID	Sample Start Date	Sample End Date	Description of Sample	Analysis Method
575246	2002	12/10/2024	12/13/2024	Bookshelf	Radon in Air
575396B (Blank)		12/10/2024	12/13/2024		Radon in Air
575210	2005	12/10/2024	12/13/2024	Bookshelf	Radon in Air
575368	2008	12/10/2024	12/13/2024	Closet Shelf	Radon in Air
575300 (Dup)		12/10/2024	12/13/2024		Radon in Air
575346	2011	12/10/2024	12/13/2024	Electrical Panel	Radon in Air
575329	2015	12/10/2024	12/13/2024	Closet Shelf	Radon in Air
575235	2018	12/10/2024	12/13/2024	Cabinet	Radon in Air
575321	2023	12/10/2024	12/13/2024	Closet Shelf	Radon in Air
575285	2041	12/10/2024	12/13/2024	File Cabinet	Radon in Air
575262	2027	12/10/2024	12/13/2024	File Cabinet	Radon in Air
575286	2030	12/10/2024	12/13/2024	Shelf	Radon in Air
575238	2032	12/10/2024	12/13/2024	AED	Radon in Air
575227	2071	12/10/2024	12/13/2024	Bookshelf	Radon in Air
575264B (Blank)		12/10/2024	12/13/2024		Radon in Air
575279	2075	12/10/2024	12/13/2024	Bookshelf	Radon in Air
575108	2078	12/10/2024	12/13/2024	Bookshelf	Radon in Air
575241	2081	12/10/2024	12/13/2024	Bookshelf	Radon in Air
575292	2086	12/10/2024	12/13/2024	File Cabinet	Radon in Air
575437 (Dup)		12/10/2024	12/13/2024		Radon in Air
575112	2089	12/10/2024	12/13/2024	Shelf	Radon in Air
575239	2096	12/10/2024	12/13/2024	Cabinet	Radon in Air
575371	2068	12/10/2024	12/13/2024	Cabinet	Radon in Air
575267	2068B	12/10/2024	12/13/2024	Cabinet	Radon in Air
575282 (Dup)		12/10/2024	12/13/2024		Radon in Air
575342	2043	12/10/2024	12/13/2024	Bookshelf	Radon in Air
575364	2044	12/10/2024	12/13/2024	Vending Machine	Radon in Air
575345	2045	12/10/2024	12/13/2024	Electrical Panel	Radon in Air
575360	2062	12/10/2024	12/13/2024	File Cabinet	Radon in Air
575385 (Dup)		12/10/2024	12/13/2024		Radon in Air
575407	2060	12/10/2024	12/13/2024	Shelf	Radon in Air
575427	2058	12/10/2024	12/13/2024	Shelf	Radon in Air
575278	2056	12/10/2024	12/13/2024	Shelf	Radon in Air
575288	2054	12/10/2024	12/13/2024	Bookshelf	Radon in Air
575348	2052	12/10/2024	12/13/2024	Bookshelf	Radon in Air
575350 (Dup)		12/10/2024	12/13/2024		Radon in Air
575387	2050	12/10/2024	12/13/2024	Bookshelf	Radon in Air
575331	*	12/10/2024	12/13/2024	Cabinet - Vestibule	Radon in Air
575318	*	12/10/2024	12/13/2024	Stage	Radon in Air
575265	Room 123	12/10/2024	12/13/2024	File Cabinet	Radon in Air
575435 (Dup)		12/10/2024	12/13/2024		Radon in Air
575381	Room 124	12/10/2024	12/13/2024	File Cabinet	Radon in Air
575251 (Dup)		12/10/2024	12/13/2024		Radon in Air

Notes:

B = Blank

Dup = Duplicate

* = No Functional Space ID

Table 2. Summary of Radon Laboratory Results

AHERA Space ID	12/10/24-12/13/24 (pCi/L)	2/5/24-2/8/24 (pCi/L)	1/9/23 - 1/12/23 (pCi/L)	2/6/23 - 2/8/23 (pCi/L)	3/3/23 - 3/6/23 (pCi/L)
2002	0.4	0.6	1.5	-	-
2002 (Blank)	0	0.1	0.4	-	-
2005	0.5	0.7	1.9	-	-
2008	0.2	0.4	1.9	-	-
2008 (Dup)	0.6	0.5	1.9	-	-
2011	0.2	0.1	1.3	-	-
2015	0.4	0.3	1.3	-	-
2018	0.3	0.3	2.2	-	-
2023	0.3	0.3	1.4	-	-
2041	0.3	0.3	2.0	-	-
2027	0.3	0.4	1.7	-	-
2030	0.7	0.5	1.5	-	-
2032	0.4	0.5	1.6	-	-
2071	0.6	0.2	1.6	-	-
2071 (Blank)	-0.1	0.3	0.1	-	-
2075	0.3	0.5	2.1	-	-
2078	-0.1	0.4	1.7	-	-
2081	0.4	0.8	1.8	-	-
2086	0.4	0.7	1.3	-	-
2086 (Dup)	0.5	0.4	1.5	-	-
2089	0.4	0.5	1.7	-	-
2096	0.3	0.4	1.8	-	-
2068	0.3	0.3	1.2	-	-
2068B	0.3	0.1	1.0	-	-
2068B (Dup)	0.3	0.3	1.4	-	-
2043	0.3	0.3	1.6	-	-
2044	0.3	0.7	1.6	-	-
2045	0.2	0.4	0.8	-	-
2062	0	0.4	1.9	-	-
2062 (Blank)	0.1	-0.2	0.2	-	-
2060	0.2	0.4	2.1	-	-
2058	0.5	0.3	2.4	-	-
2056	0.4	0.5	1.6	-	-
2054	0.5	0.4	2.2	-	-
2052	0.5	0.6	2.0	-	-
2052 (Dup)	0.4	0.0	1.9	-	-
2050	0.5	0.4	1.6	-	-
Cabinet - Vestibule	0.5	0.7	-	0.8	-
Cabinet - Vestibule (Dup)	-	-	-	0.9	-
Stage	0.6	0.8	-	1.7	-
Stage (Dup)	-	-	-	1.4	-
Room 123	1	1.1	4.0	2.6	1.3
Room 123 (Dup)	0.7	1.1	-	2.6	1.4
Room 124	0.6	1.1	3.8	1.6	0.8
Room 124 (Dup)	0.5	0.8	-	1.2	0.7

Notes:

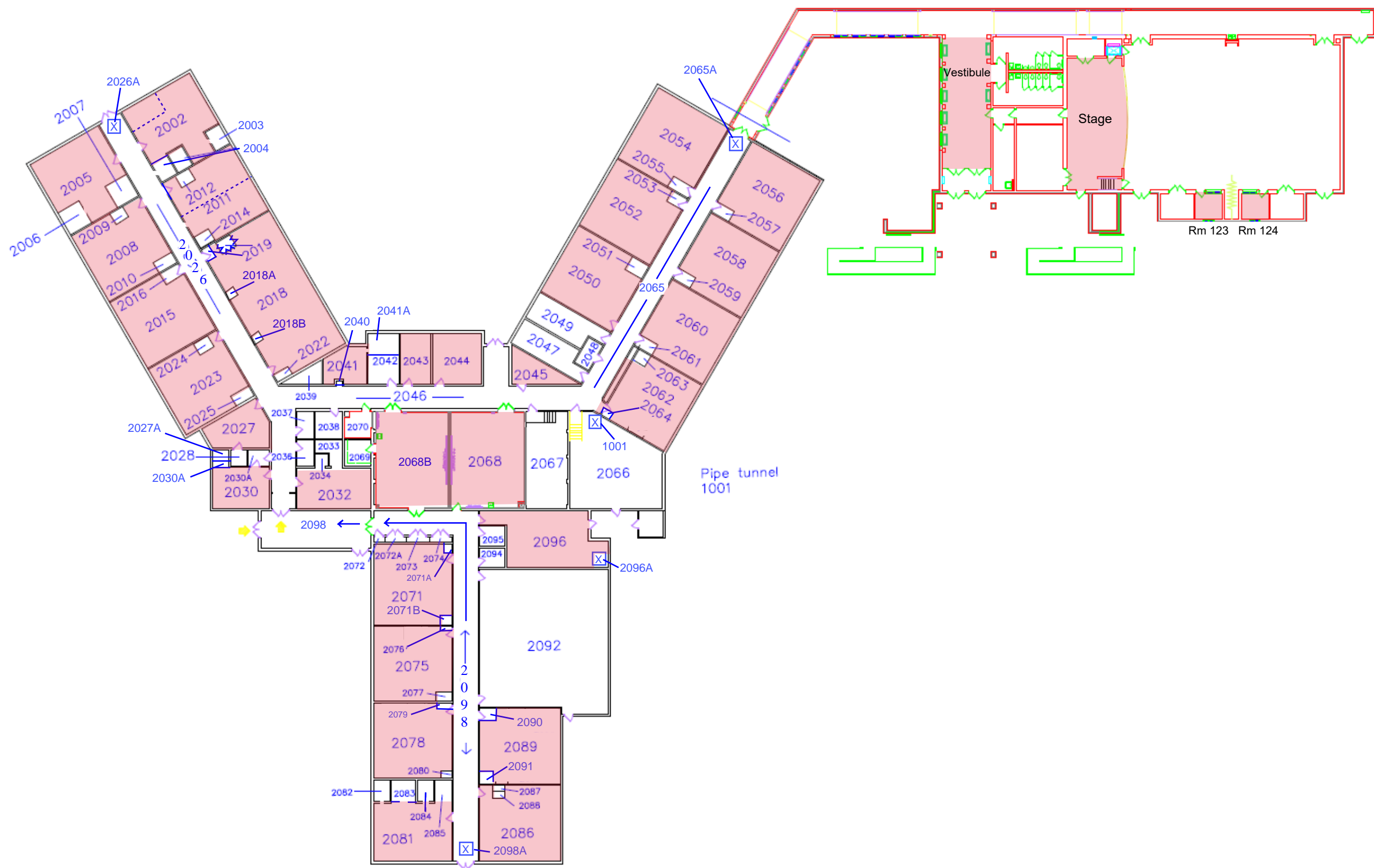
B = Blank

Dup = Duplicate

- = Not Analyzed

Attachment #2

Figures

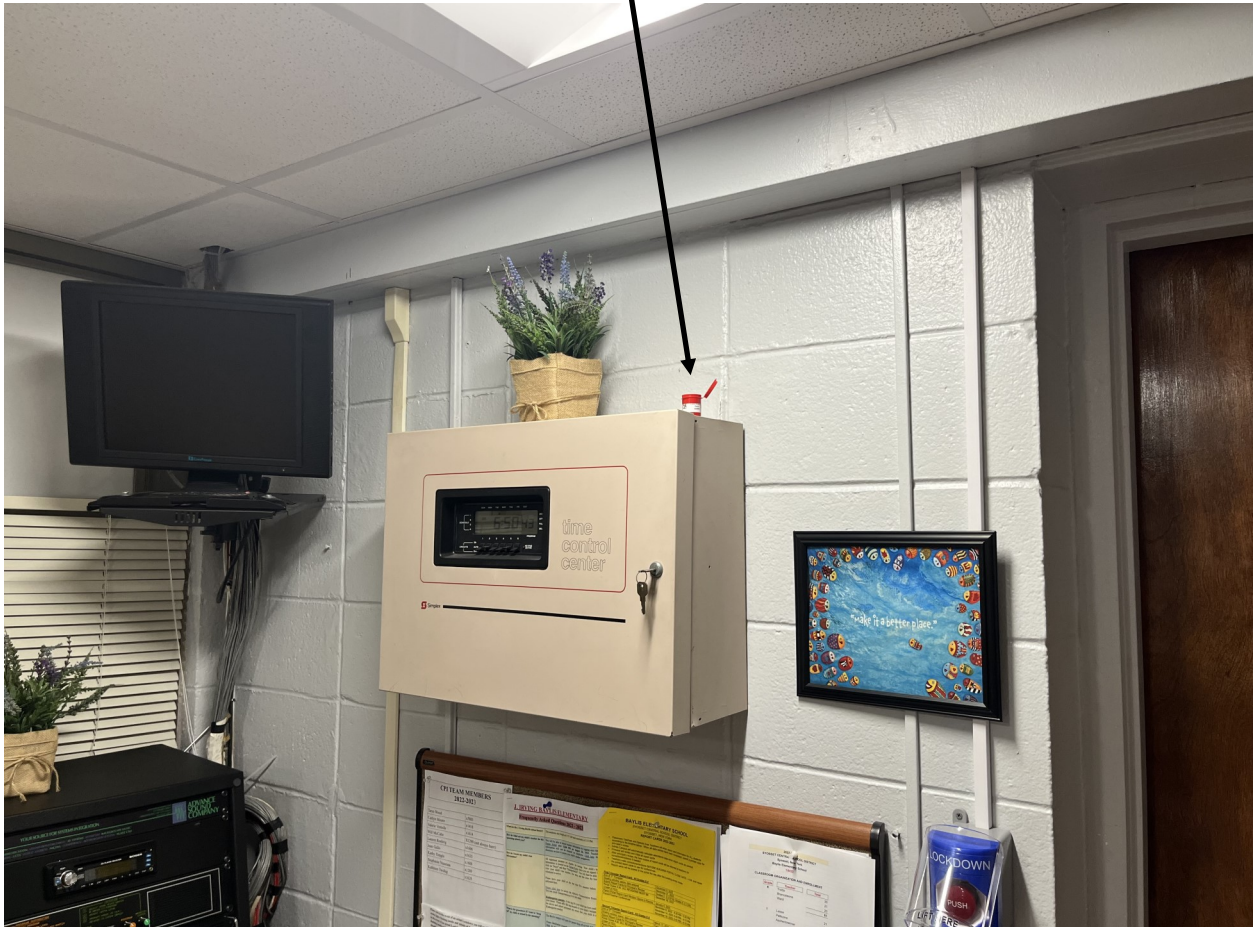


J.C. Broderick & Associates
 Environmental Consulting & Testing
 1775 Expressway Dr. North
 Hauppauge, New York 11788
 Phone: 631.584.5492 Fax: 631.584.5913

JCB #: 24-59116
SYOSSET CENTRAL SCHOOL DISTRICT
 South Grove Elementary School
 60 Colony Lane, Syosset, NY 11791

Attachment #3
Field Photograph Logs

Typical Radon Sample



Field Photograph Log

Indoor Radon Investigation at:

South Grove Elementary School
60 Colony Lane
Syosset, New York 11791

Photo No. 01

JCB#: 24-59116

Typical Radon Sample with Blank



Field Photograph Log

Indoor Radon Investigation at:

**South Grove Elementary School
60 Colony Lane
Syosset, New York 11791**

Photo No. 02

JCB#: 24-59116

Typical Radon Sample with Duplicate



Field Photograph Log

Indoor Radon Investigation at:

**South Grove Elementary School
60 Colony Lane
Syosset, New York 11791**

Photo No. 03

JCB#: 24-59116

Attachment #4
Laboratory Analysis Reports



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-0327
<http://www.EMSL.com> cinnaminsonradonlab@emsl.com

EMSL Order: 382500041
CustomerID: JCBR50
CustomerPO: 24-591169
ProjectID:

Attn: **Steven Muller**
J.C. Broderick & Associates
1775 Expressway Drive North, Suite 1
Hauppauge, NY 11788

Phone: (631) 584-5492
Fax:
Received: 12/16/2024 05:12 PM
Analysis Date: 12/18/2024
Collected: 12/10/2024

Project: REF #38-24 / South Grove Elementary School / 24-591169

Test Site: **South Grove Elementary School**
Syosset, NY 11791

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
575246 382500041-0001	2002	0.4	12/10/2024 6:45:00 AM	12/13/2024 4:07:00 PM	75	11	Customer
Sample Notes:							
575396B 382500041-0002	2002	0	12/10/2024 6:45:00 AM	12/13/2024 4:07:00 PM	75	11	Blank
Sample Notes:							
575210 382500041-0003	2005	0.5	12/10/2024 6:46:00 AM	12/13/2024 4:07:00 PM	75	13	Customer
Sample Notes:							
575368 382500041-0004	2008	0.2	12/10/2024 6:46:00 AM	12/13/2024 4:09:00 PM	74	18	Customer
Sample Notes:							
575300 382500041-0005	2008	0.6	12/10/2024 6:46:00 AM	12/13/2024 4:09:00 PM	74	18	Duplicate
Sample Notes: Duplicate's Customer Sample:382500041-0004 Duplicate RPD >67%					Duplicate RPD = 100.0%		
575346 382500041-0006	2011	0.2	12/10/2024 6:49:00 AM	12/13/2024 4:10:00 PM	75	10	Customer
Sample Notes:							
575329 382500041-0007	2015	0.4	12/10/2024 6:50:00 AM	12/13/2024 4:10:00 PM	76	13	Customer
Sample Notes:							
575235 382500041-0008	2018	0.3	12/10/2024 6:51:00 AM	12/13/2024 4:11:00 PM	76	11	Customer
Sample Notes:							
575321 382500041-0009	2023	0.3	12/10/2024 6:52:00 AM	12/13/2024 4:13:00 PM	76	10	Customer
Sample Notes:							
575285 382500041-0010	2041	0.3	12/10/2024 6:53:00 AM	12/13/2024 4:12:00 PM	76	9	Customer
Sample Notes:							



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-0327

<http://www.EMSL.com>

cinnaminsonradonlab@emsl.com

EMSL Order:	382500041
CustomerID:	JCBR50
CustomerPO:	24-591169
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
575262 382500041-0011	2027	0.3	12/10/2024 6:54:00 AM	12/13/2024 4:14:00 PM	76	15	Customer
Sample Notes:							
575286 382500041-0012	2030	0.7	12/10/2024 6:55:00 AM	12/13/2024 4:15:00 PM	75	17	Customer
Sample Notes:							
575238 382500041-0013	2032	0.4	12/10/2024 6:55:00 AM	12/13/2024 4:16:00 PM	74	19	Customer
Sample Notes:							
575227 382500041-0014	2071	0.6	12/10/2024 6:58:00 AM	12/13/2024 4:17:00 PM	72	11	Customer
Sample Notes:							
575264B 382500041-0015	2071	-0.1	12/10/2024 6:58:00 AM	12/13/2024 4:17:00 PM	72	11	Blank
Sample Notes:							
575279 382500041-0016	2075	0.3	12/10/2024 6:59:00 AM	12/13/2024 4:18:00 PM	72	12	Customer
Sample Notes:							
575108 382500041-0017	2078	-0.1	12/10/2024 7:00:00 AM	12/13/2024 4:19:00 PM	72	12	Customer
Sample Notes:							
575241 382500041-0018	2081	0.4	12/10/2024 7:00:00 AM	12/13/2024 4:22:00 PM	73	14	Customer
Sample Notes:							
575292 382500041-0019	2086	0.4	12/10/2024 7:01:00 AM	12/13/2024 4:23:00 PM	73	10	Customer
Sample Notes:							
575437 382500041-0020	2086	0.5	12/10/2024 7:01:00 AM	12/13/2024 4:23:00 PM	73	10	Duplicate
Sample Notes: Duplicate's Customer Sample:382500041-0019 Duplicate RPD = 22.2%							
575112 382500041-0021	2089	0.4	12/10/2024 7:02:00 AM	12/13/2024 4:24:00 PM	73	11	Customer
Sample Notes:							
575239 382500041-0022	2096	0.3	12/10/2024 7:04:00 AM	12/13/2024 4:25:00 PM	71	12	Customer
Sample Notes:							
575371 382500041-0023	2068	0.3	12/10/2024 7:05:00 AM	12/13/2024 4:26:00 PM	69	10	Customer
Sample Notes:							

Please visit www.radontestinglab.com



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<http://www.EMSL.com>

cinnaminsonradonlab@emsl.com

EMSL Order:	382500041
CustomerID:	JCBR50
CustomerPO:	24-591169
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
575267 382500041-0024	2068B	0.3	12/10/2024 7:06:00 AM	12/13/2024 4:27:00 PM	71	10	Customer
Sample Notes:							
575282 382500041-0025	2068B	0.3	12/10/2024 7:06:00 AM	12/13/2024 4:27:00 PM	71	10	Duplicate
Sample Notes: Duplicate's Customer Sample:382500041-0024 Duplicate RPD = 0.0%							
575342 382500041-0026	2043	0.3	12/10/2024 7:07:00 AM	12/13/2024 4:29:00 PM	73	9	Customer
Sample Notes:							
575364 382500041-0027	2044	0.3	12/10/2024 7:07:00 AM	12/13/2024 4:28:00 PM	75	8	Customer
Sample Notes:							
575345 382500041-0028	2045	0.2	12/10/2024 7:09:00 AM	12/13/2024 4:30:00 PM	76	14	Customer
Sample Notes:							
575360 382500041-0029	2062	0	12/10/2024 7:10:00 AM	12/13/2024 4:31:00 PM	76	14	Customer
Sample Notes:							
575385 382500041-0030	2062	0.1	12/10/2024 7:10:00 AM	12/13/2024 4:31:00 PM	76	14	Duplicate
Sample Notes: Duplicate's Customer Sample:382500041-0029 Duplicate RPD = 200.0% Duplicate RPD >67%							
575407 382500041-0031	2060	0.2	12/10/2024 7:11:00 AM	12/13/2024 4:32:00 PM	76	12	Customer
Sample Notes:							
575427 382500041-0032	2058	0.5	12/10/2024 7:11:00 AM	12/13/2024 4:33:00 PM	76	10	Customer
Sample Notes:							
575278 382500041-0033	2056	0.4	12/10/2024 7:12:00 AM	12/13/2024 4:34:00 PM	76	21	Customer
Sample Notes:							
575288 382500041-0034	2054	0.5	12/10/2024 7:12:00 AM	12/13/2024 4:35:00 PM	75	16	Customer
Sample Notes:							
575348 382500041-0035	2052	0.5	12/10/2024 7:13:00 AM	12/13/2024 4:35:00 PM	75	20	Customer
Sample Notes:							
575387 382500041-0036	2050	0.5	12/10/2024 7:14:00 AM	12/13/2024 4:36:00 PM	76	19	Customer
Sample Notes:							

Please visit www.radontestinglab.com



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Phone/Fax: (800) 220-3675 / (856) 786-0327

<http://www.EMSL.com>

cinnaminsonradonlab@emsl.com

EMSL Order:	382500041
CustomerID:	JCBR50
CustomerPO:	24-591169
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
575331 382500041-0037	Vestibule	0.5	12/10/2024 7:16:00 AM	12/13/2024 4:03:00 PM	70	16	Customer
Sample Notes:							
575318 382500041-0038	Stage	0.6	12/10/2024 7:17:00 AM	12/13/2024 4:02:00 PM	69	14	Customer
Sample Notes:							
575265 382500041-0039	Rm 123	1	12/10/2024 7:19:00 AM	12/13/2024 3:59:00 PM	67	23	Customer
Sample Notes:							
575435 382500041-0040	Rm 123	0.7	12/10/2024 7:19:00 AM	12/13/2024 3:59:00 PM	67	23	Duplicate
Sample Notes: Duplicate's Customer Sample:382500041-0039						Duplicate RPD = 35.3%	
575381 382500041-0041	Rm 124	0.6	12/10/2024 7:21:00 AM	12/13/2024 3:58:00 PM	67	17	Customer
Sample Notes:							
575251 382500041-0042	Rm 124	0.5	12/10/2024 7:21:00 AM	12/13/2024 3:58:00 PM	67	17	Duplicate
Sample Notes: Duplicate's Customer Sample:382500041-0041						Duplicate RPD = 18.2%	
575350 382500041-0043	2052	0.4	12/10/2024 7:22:00 AM	12/13/2024 4:35:00 PM	75	20	Customer
Sample Notes:							

Report Notes



EMSL Analytical, Inc.

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EMSL Order:	382500041
CustomerID:	JCBR50
CustomerPO:	24-591169
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
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The United States Environmental Protection Agency (EPA) has established a radon action level of 4.0pCi/L. EPA recommends mitigation of a structure if the confirmed radon level is equal to or greater than 4.0pCi/L.

The radon tests were performed using liquid scintillation radon detectors and counted on a liquid scintillation counter following EPA Method # 402-R-92-004 testing protocol for Radon in Air testing. EPA recommends retesting every two years.

Please contact EMSL Analytical, Inc. or your State Health Department for further information.

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of Radon in Air.

Analyst(s)

Janel Zoll (43)

Dominic Gehret, Radiochemistry Laboratory Manager, 10872

In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder. The test results meets all NELAC requirements unless otherwise specified.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ FL RB2034/R2687,IL RNL2008202,IN RTL00935,IA RNLAB10005,KS KS-LB-0005/KS-MS-0482,ME SPC202,MN RL-0005,NE 474/RMB-1083,NJ 03036/MEB92525/MES13910,NY 10872,OH RL39,OK D9952,PA 2573/3393/68-00367,RI RMB-108/RI00179,WV RL000220,NRSB-ARL6006,NRPP

Initial report from 01/13/2025 16:03:56



Radon Testing Chain of Custody

EMSL Order Number / Lab Use Only

382500041

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

(800) 220-3675
RadLab@emsl.com

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information	Customer ID:	JCBR50	Billing Information	Billing ID:	
	Company Name:	J.C. Broderick & Associates, Inc.		Company Name:	J.C. Broderick & Associates, Inc.
	Contact Name:	Steven Muller		Billing Contact:	Steven Muller
	Street Address:	1775 Express Drive North		Street Address:	1775 Express Drive North
	City, State, Zip:	Hauppauge, NY, 11788		Country:	USA
	Phone:	(631) 584-5492		City, State, Zip:	Hauppauge, NY, 11788
		Country:	USA	Phone:	(631) 584-5492
		Email(s) for Report:	smuller@jcbroderick.com	Email(s) for Invoice:	smuller@jcbroderick.com

Project Information

Project Name/No: **South Grove Elementary School / 24-59116** Purchase Order: _____

EMSL LIMS Project ID: _____ US State where samples collected: **NY** State of Connecticut (CT) must select project location:
 Commercial (Taxable) Residential (Non-Taxable)

Technician Name: **Steven Muller** Technician Cert#: _____ Technician Signature: *[Signature]*

Property Tested Information

- 1) Radon Test being conducted for the purpose of: Real Estate Transaction Homeowner Other
- 2) Test Conditions Observed: Closed House Open House
- 3) Building Type: Residential Commercial Daycare/School
- 4) Building Foundation: Basement Crawlspace Slab on Grade
- 5) If School Testing, please enter School Code: _____
- 6) Is this a Post Mitigation Test? YES NO

RECEIVED
EMSL ANALYTICAL, INC.
Carle Place, NY
DEC 13 2024 14:05:34

Box Number	Device Number	Location / Floor	Exposure Period Beginning Date and Time	Exposure Period Ending Date and Time	Temperature °F	Humidity %
S	575246	2002	12/10/24 0645	12/13/24 1607	75.0	10.7
B	575376	2002	12/10/24 0645	12/13/24 1607	75.0	10.7
S	575210	2005	12/10/24 0646	12/13/24 1607	74.8	12.7
S	575308	2008	12/10/24 0646	12/13/24 1609	74.3	17.9
D	575300	2008	12/10/24 0646	12/13/24 1609	74.3	17.9
S	575346	2011	12/10/24 0649	12/13/24 1610	75.2	9.9
S	575329	2015	12/10/24 0650	12/13/24 1610	75.5	12.8
S	575235	2018	12/10/24 0651	12/13/24 1611	75.7	10.8
S	575321	2023	12/10/24 0652	12/13/24 1613	76.2	9.8
S	575285	2041	12/10/24 0653	12/13/24 1612	76.4	8.8
S	575262	2027	12/10/24 0654	12/13/24 1614	75.7	15.3
S	575286	2030	12/10/24 0655	12/13/24 1615	75.0	16.5
S	575238	2032	12/10/24 0655	12/13/24 1616	74.4	19.2

*Comments/Special Instructions: *M4 2 day TAB*

Client Sample #(s): _____ Total # of Samples: **43**

Method of Shipment:	Sample Condition Upon Receipt:
Relinquished by: <i>[Signature]</i> / JCB	Received by: <i>[Signature]</i>
Date/Time: 12-13-24 17:30	Date/Time: 12/13/24 17:34
Relinquished by:	Received by: <i>[Signature]</i>
Date/Time:	Date/Time: 12/16/24 17:12 PM

Controlled Document - COC-56 Radon R2 04/15/2021

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)



Radon Testing Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

382500041

(800) 220-3675
RadLab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Box Number	Device Number	Location	Exposure Period Beginning Date and Time	Exposure Period Ending Date and Time	Temperature °F	Humidity %
S	575227	2071	12/10/24 0658	12/13/24 1617	72.3	10.6
B	575264	2071	12/10/24 0658	12/13/24 1617	72.3	10.6
S	575279	2075	12/10/24 0659	12/13/24 1618	71.9	11.5
S	575108	2078	12/10/24 0700	12/13/24 1619	72.1	12.2
S	575241	2081	12/10/24 0700	12/13/24 1622	72.5	13.5
S	575292	2086	12/10/24 0701	12/13/24 1623	73.4	9.8
D	575437	2086	12/10/24 0701	12/13/24 1623	73.4	9.8
S	575112	2089	12/10/24 0702	12/13/24 1624	72.8	11.3
S	575239	2096	12/10/24 0704	12/13/24 1625	71.4	11.5
S	575371	2068	12/10/24 0705	12/13/24 1626	69.4	9.9
S	575267	2068B	12/10/24 0704	12/13/24 1627	71.2	9.5
D	575282	2068B	12/10/24 0706	12/13/24 1627	71.2	9.5
S	575342	2043	12/10/24 0707	12/13/24 1629	73.4	8.7
S	575364	2044	12/10/24 0707	12/13/24 1628	74.8	7.7
S	575345	2045	12/10/24 0709	12/13/24 1630	75.9	13.9
S	575360	2062	12/10/24 0710	12/13/24 1631	76.1	14.3
BD	575385	2062	12/10/24 0710	12/13/24 1631	76.1	14.3
S	575407	2060	12/10/24 0711	12/13/24 1632	76.4	11.4
S	575427	2058	12/10/24 0711	12/13/24 1633	76.1	9.8
S	575278	2054	12/10/24 0712	12/13/24 1634	75.5	21.1
S	575288	2054	12/10/24 0712	12/13/24 1635	75.3	16.3
S	575348	2052	12/10/24 0713	12/13/24 1635	74.8	19.7
S	575387	2050	12/10/24 0714	12/13/24 1636	75.7	19.4
S	575331	VESTIBULE	12/10/24 0716	12/13/24 1603	69.2	16.1
S	575318	STAGE	12/10/24 0717	12/13/24 1602	68.7	14.3
S	575265	Rm 123	12/10/24 0719	12/10/24 1559	66.9	22.8

*Comments/Special Instructions:

Relinquished by: <i>COD/JCB</i>	Date/Time: 12-13-24 17:30	Received by: <i>MARY WAGNER</i>	Date/Time: 12/13/24 17:34
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-56 Radon R2 04/15/2021

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

