J.C. Broderick & Associates, Inc.

Environmental / Construction Consulting & Testing

1775 Expressway Drive North
Hauppauge, NY 11788
631.584.5492
Fax: 631.584.3395
www.jcbroderick.com

October 6, 2025

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

Re: Provided Professional Consulting Services to Perform Environmental Sampling and Testing for Indoor Radon in Air Post Bus loop Construction at:

Site: South Grove Elementary School
60 Colony Lane
Syosset, New York 11791
Site Visits: August 25 & 29, 2025

JCB#: 25-60519

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 post bus loop construction within the above referenced school building. The construction of the bus loop converted approximately 30,000 square feet of grass area to impervious concrete and asphalt. The purpose of the testing is to determine if the new impervious cap to the subsurface soils created new pathways for radon vapors to enter and impact the 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. Please refer to attachments located at the end of this report for additional details.

- On August 25, 2025, 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 four (4) days. A select number of samples served as a duplicate or remained closed as a field blank for QA/QC compliance.

- 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 August 29, 2025, a total of 42 short-term radon test kits were retrieved, the test kit placed in AHERA space 2058 (classroom 24) was not recovered. The test kits were sealed, and assigned unique identification numbers, logged into a chain of custody document, and 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 and blank samples at two (2) 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 AHERA space 2005, Classroom 1Art at a concentration of 3.0 pCi/L, below the 4.0 pCi/L action level. Although the EPA guidance requires a short-term follow-up test be conducted when radon concentrations are over 4.0 pCi/L, JCB will be conducting additional testing in December 2025 under closed building conditions.

- EMSL Analytical Inc. (EMSL) of Cinnaminson, New Jersey provided laboratory analytical services. Copies of EMSL's NYSDOH certifications are available upon request.

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 buildings at least every 5 years.

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. The next scheduled testing is December 2025

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

Attachment #1 Tables
Attachment #2 Figures
Attachment #3 Field Photograph Logs
Attachment #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**
596046	2002	8/25/2025	8/29/2025	Bookshelf	Radon in Air
596432 (Blank)		8/25/2025	8/29/2025		Radon in Air
596171	2005	8/25/2025	8/29/2025	Bookshelf	Radon in Air
596043	2008	8/25/2025	8/29/2025	Closet Shelf	Radon in Air
596097 (Dup)		8/25/2025	8/29/2025		Radon in Air
596020	2011	8/25/2025	8/29/2025	Electrical Panel	Radon in Air
596080	2015	8/25/2025	8/29/2025	Closet Shelf	Radon in Air
596021	2018	8/25/2025	8/29/2025	Cabinet	Radon in Air
596139	2023	8/25/2025	8/29/2025	Closet Shelf	Radon in Air
596301	2041	8/25/2025	8/29/2025	File Cabinet	Radon in Air
595986	2027	8/25/2025	8/29/2025	File Cabinet	Radon in Air
596434	2030	8/25/2025	8/29/2025	Shelf	Radon in Air
596483	2032	8/25/2025	8/29/2025	AED	Radon in Air
596322	2071	8/25/2025	8/29/2025	Bookshelf	Radon in Air
596328 (Blank)		8/25/2025	8/29/2025		Radon in Air
596099	2075	8/25/2025	8/29/2025	Bookshelf	Radon in Air
596031	2078	8/25/2025	8/29/2025	Bookshelf	Radon in Air
596318	2081	8/25/2025	8/29/2025	Bookshelf	Radon in Air
596299	2086	8/25/2025	8/29/2025	File Cabinet	Radon in Air
596101 (Dup)		8/25/2025	8/29/2025		Radon in Air
596243	2089	8/25/2025	8/29/2025	Shelf	Radon in Air
596152	2096	8/25/2025	8/29/2025	Cabinet	Radon in Air
596074	2068	8/25/2025	8/29/2025	Cabinet	Radon in Air
596071	2068B	8/25/2025	8/29/2025	Cabinet	Radon in Air
596014 (Dup)		8/25/2025	8/29/2025		Radon in Air
596034	2043	8/25/2025	8/29/2025	Bookshelf	Radon in Air
596037	2044	8/25/2025	8/29/2025	Vending Machine	Radon in Air
596154	2045	8/25/2025	8/29/2025	Electrical Panel	Radon in Air
596119	2062	8/25/2025	8/29/2025	File Cabinet	Radon in Air
596409 (Blank)		8/25/2025	8/29/2025		Radon in Air
596188	2060	8/25/2025	8/29/2025	Shelf	Radon in Air
596015	2058	8/25/2025	8/29/2025	Shelf	Radon in Air
596359	2056	8/25/2025	8/29/2025	Shelf	Radon in Air
596027	2054	8/25/2025	8/29/2025	Bookshelf	Radon in Air
596026	2052	8/25/2025	8/29/2025	Bookshelf	Radon in Air
596035 (Dup)		8/25/2025	8/29/2025		Radon in Air
596187	2050	8/25/2025	8/29/2025	Bookshelf	Radon in Air
596283	*	8/25/2025	8/29/2025	Cabinet - Vestibule	Radon in Air
596051	*	8/25/2025	8/29/2025	Stage	Radon in Air
596012	Room 123	8/25/2025	8/29/2025	File Cabinet	Radon in Air
596028 (Dup)		8/25/2025	8/29/2025		Radon in Air
596148	Room 124	8/25/2025	8/29/2025	File Cabinet	Radon in Air
596063 (Dup)		8/25/2025	8/29/2025		Radon in Air

Notes:

B = Blank

Dup = Duplicate

* = No Functional Space ID

Table 2. Summary of Radon Laboratory Results						
AHERA Space ID	**8/25/25-8/29/25 (pCi/L)**	**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	1.0	0.4	0.60	1.50	-	-
2002 (Blank)	0.0	0.0	0.10	0.40	-	-
2005	3.0	0.5	0.70	1.90	-	-
2008	0.7	0.2	0.40	1.90	-	-
2008 (Dup)	1.2	0.6	0.50	1.90	-	-
2011	0.6	0.2	0.10	1.30	-	-
2015	0.8	0.4	0.30	1.30	-	-
2018	0.5	0.3	0.30	2.20	-	-
2023	0.6	0.3	0.30	1.40	-	-
2041	0.4	0.3	0.30	2.00	-	-
2027	1.2	0.3	0.40	1.70	-	-
2030	0.6	0.7	0.50	1.50	-	-
2032	0.4	0.4	0.50	1.60	-	-
2071	1.5	0.6	0.20	1.60	-	-
2071 (Blank)	0.2	-0.1	0.30	0.10	-	-
2075	0.5	0.3	0.50	2.10	-	-
2078	0.9	-0.1	0.40	1.70	-	-
2081	1.9	0.4	0.80	1.80	-	-
2086	1.1	0.4	0.70	1.30	-	-
2086 (Dup)	1.5	0.5	0.40	1.50	-	-
2089	0.8	0.4	0.50	1.70	-	-
2096	0.3	0.3	0.40	1.80	-	-
2068	0.3	0.3	0.30	1.20	-	-
2068B	0.4	0.3	0.10	1.00	-	-
2068B (Dup)	0.2	0.3	0.30	1.40	-	-
2043	0.0	0.3	0.30	1.60	-	-
2044	0.6	0.3	0.70	1.60	-	-
2045	0.6	0.2	0.40	0.80	-	-
2062	0.8	0.0	0.40	1.90	-	-
2062 (Blank)	0.1	0.1	-0.20	0.20	-	-
2060	0.7	0.2	0.40	2.10	-	-
2058	-	0.5	0.30	2.40	-	-
2056	1.1	0.4	0.50	1.60	-	-
2054	1.2	0.5	0.40	2.20	-	-
2052	0.8	0.5	0.60	2.00	-	-
2052 (Dup)	0.8	0.4	0.00	1.90	-	-
2050	1.0	0.5	0.40	1.60	-	-
Cabinet - Vestibule	0.6	0.5	0.70	-	0.8	-
Cabinet - Vestibule (Dup)	-	-	-	-	0.9	-
Stage	0.4	0.6	0.80	-	1.7	-
Stage (Dup)	-	-	-	-	1.4	-
Room 123	0.2	1.0	1.10	**4.00**	2.6	1.3
Room 123 (Dup)	0.1	0.7	1.10	-	2.6	1.4
Room 124	0.3	0.6	1.10	3.80	1.6	0.8
Room 124 (Dup)	0.4	0.5	0.80	-	1.2	0.7

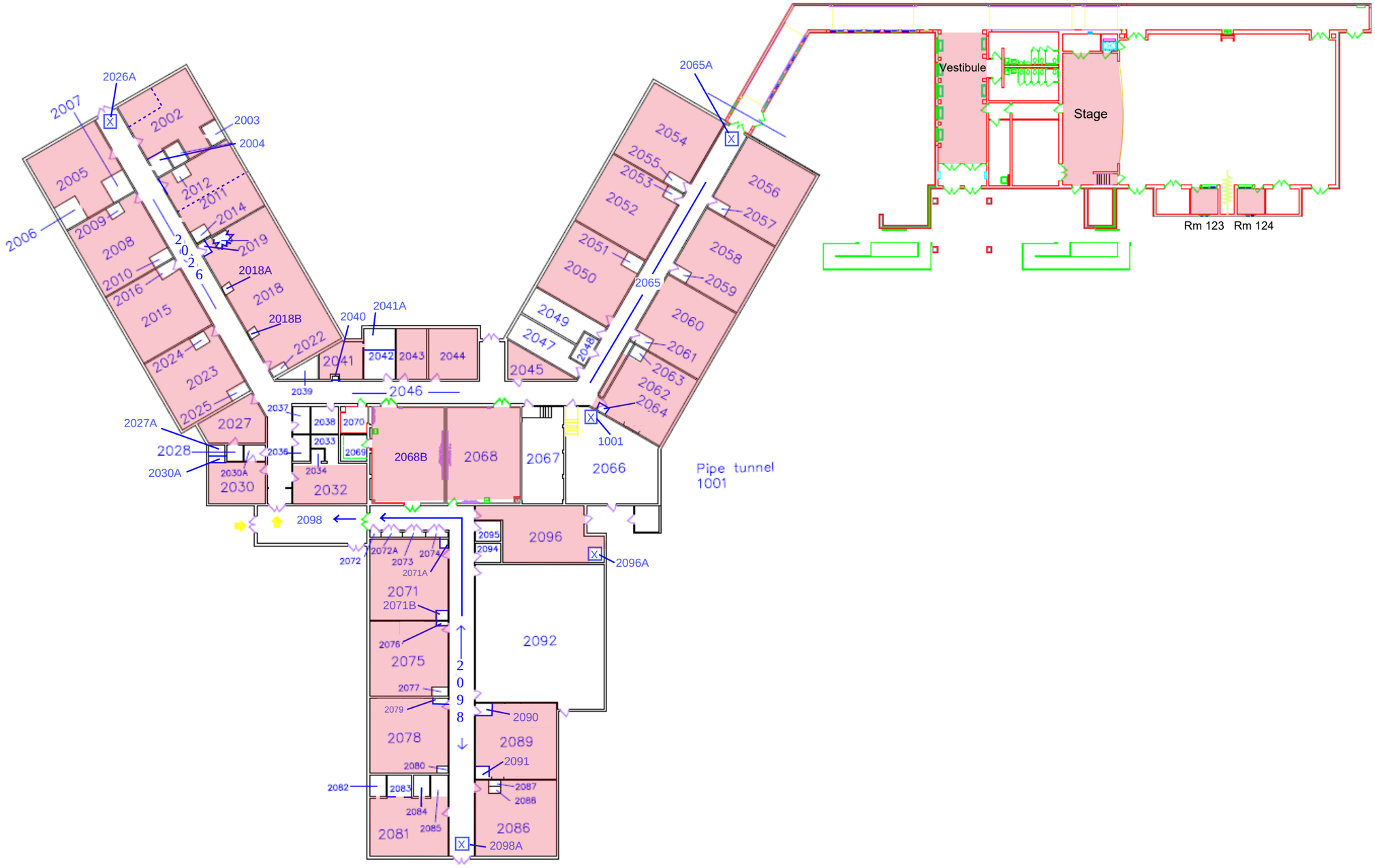
Notes:

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 #: 12-22347

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

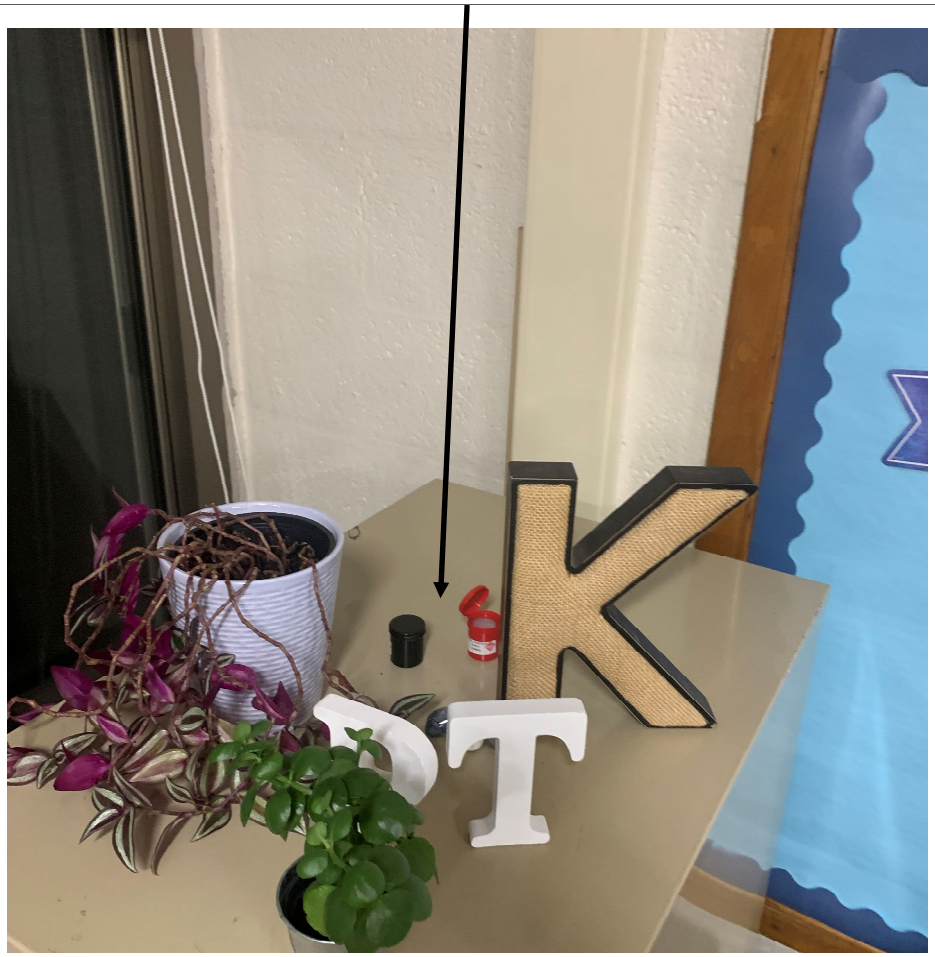
Indoor Radon Investigation at:

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

Photo No. 01

JCB#: 25-60519

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#: 25-60519

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#: 25-60519

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:	382504113
CustomerID:	JCBR50
CustomerPO:	
ProjectID:	

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

Phone:	(631) 584-5492
Fax:	
Received:	9/3/2025 04:17 PM
Analysis Date:	9/5/2025
Collected:	8/25/2025

Project: **South Grove Elementary School / 60 Colony Ln**

Test Site: **South Grove Elementary School**
60 Colony Ln
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
596046	2002	1	8/25/2025 7:22:00 AM	8/29/2025 6:51:00 AM	73	44	Customer
382504113-0001							
Sample Notes:							
596432	2002 B	0	8/25/2025 7:22:00 AM	8/29/2025 6:51:00 AM	73	44	Blank
382504113-0002							
Sample Notes:							
596171	2005	3	8/25/2025 7:24:00 AM	8/29/2025 6:52:00 AM	73	44	Customer
382504113-0003							
Sample Notes:							
596043	2008	0.7	8/25/2025 7:25:00 AM	8/29/2025 6:54:00 AM	73	45	Customer
382504113-0004							
Sample Notes:							
596097	2008 D	1.2	8/25/2025 7:25:00 AM	8/29/2025 6:54:00 AM	73	45	Duplicate
382504113-0005					**Duplicate RPD = 52.6%**		
Sample Notes:	Duplicate's Customer Sample:382504113-0004						
596020	2011	0.6	8/25/2025 7:27:00 AM	8/29/2025 6:55:00 AM	73	44	Customer
382504113-0006							
Sample Notes:							
596080	2015	0.8	8/25/2025 7:28:00 AM	8/29/2025 6:56:00 AM	73	45	Customer
382504113-0007							
Sample Notes:							
596021	2018	0.5	8/25/2025 7:29:00 AM	8/29/2025 6:58:00 AM	72	34	Customer
382504113-0008							
Sample Notes:							
596139	2023	0.6	8/25/2025 7:30:00 AM	8/29/2025 6:59:00 AM	67	50	Customer
382504113-0009							
Sample Notes:							
596301	2041	0.4	8/25/2025 7:31:00 AM	8/29/2025 7:00:00 AM	70	35	Customer
382504113-0010							
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:	382504113
CustomerID:	JCBR50
CustomerPO:	
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
595986	2027	1.2	8/25/2025 7:32:00 AM	8/29/2025 7:01:00 AM	73	46	Customer
382504113-0011							
Sample Notes:							
596434	2030	0.6	8/25/2025 7:32:00 AM	8/29/2025 7:01:00 AM	73	45	Customer
382504113-0012							
Sample Notes:							
596483	2032	0.4	8/25/2025 7:33:00 AM	8/29/2025 7:03:00 AM	73	42	Customer
382504113-0013							
Sample Notes:							
596322	2071	1.5	8/25/2025 7:35:00 AM	8/29/2025 7:05:00 AM	73	44	Customer
382504113-0014							
Sample Notes:							
596328	2071 B	0.2	8/25/2025 7:35:00 AM	8/29/2025 7:06:00 AM	73	44	Blank
382504113-0015							
Sample Notes:							
596099	2075	0.5	8/25/2025 7:40:00 AM	8/29/2025 7:07:00 AM	73	47	Customer
382504113-0016							
Sample Notes:							
596031	2078	0.9	8/25/2025 7:40:00 AM	8/29/2025 7:08:00 AM	73	44	Customer
382504113-0017							
Sample Notes:							
596318	2081	1.9	8/25/2025 7:41:00 AM	8/29/2025 7:09:00 AM	73	46	Customer
382504113-0018							
Sample Notes:							
596299	2086	1.1	8/25/2025 7:42:00 AM	8/29/2025 7:11:00 AM	73	46	Customer
382504113-0019							
Sample Notes:							
596101	2086 D	1.5	8/25/2025 7:42:00 AM	8/29/2025 7:11:00 AM	73	46	Duplicate
382504113-0020						**Duplicate RPD = 30.8%**	
Sample Notes:	Duplicate's Customer Sample:382504113-0019						
596243	2089	0.8	8/25/2025 7:43:00 AM	8/29/2025 7:12:00 AM	73	45	Customer
382504113-0021							
Sample Notes:							
596152	2096	0.3	8/25/2025 7:45:00 AM	8/29/2025 7:13:00 AM	72	43	Customer
382504113-0022							
Sample Notes:							
596074	2068	0.3	8/25/2025 7:50:00 AM	8/29/2025 7:14:00 AM	72	52	Customer
382504113-0023							
Sample Notes:							

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
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http://www.EMSL.com cinnaminsonradonlab@emsl.com

EMSL Order:	382504113
CustomerID:	JCBR50
CustomerPO:	
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
596071	2068B	0.4	8/25/2025 7:51:00 AM	8/29/2025 7:15:00 AM	71	53	Customer
382504113-0024							
Sample Notes:							
596014	2068B D	0.2	8/25/2025 7:51:00 AM	8/29/2025 7:15:00 AM	71	53	Duplicate
382504113-0025						**Duplicate RPD = 66.7%**	
Sample Notes:	Duplicate's Customer Sample:382504113-0024						
596034	2043	0	8/25/2025 7:53:00 AM	8/29/2025 7:18:00 AM	72	48	Customer
382504113-0026							
Sample Notes:							
596037	2044	0.6	8/25/2025 7:53:00 AM	8/29/2025 7:19:00 AM	74	44	Customer
382504113-0027							
Sample Notes:							
596154	2045	0.6	8/25/2025 7:54:00 AM	8/29/2025 7:20:00 AM	74	44	Customer
382504113-0028							
Sample Notes:							
596119	2062	0.8	8/25/2025 7:55:00 AM	8/29/2025 7:22:00 AM	74	45	Customer
382504113-0029							
Sample Notes:							
596409	2062 D	0.1	8/25/2025 7:55:00 AM	8/29/2025 7:22:00 AM	74	45	Duplicate
382504113-0030						**Duplicate RPD = 155.6%**	
Sample Notes:	Duplicate's Customer Sample:382504113-0029 Duplicate RPD >67%						
596188	2060	0.7	8/25/2025 7:56:00 AM	8/29/2025 7:23:00 AM	74	44	Customer
382504113-0031							
Sample Notes:							
596359	2056	1.1	8/25/2025 7:57:00 AM	8/29/2025 7:30:00 AM	72	46	Customer
382504113-0032							
Sample Notes:							
596027	2064	1.2	8/25/2025 7:58:00 AM	8/29/2025 7:32:00 AM	72	45	Customer
382504113-0033							
Sample Notes:							
596026	2052	0.8	8/25/2025 7:58:00 AM	8/29/2025 7:34:00 AM	65	52	Customer
382504113-0034							
Sample Notes:							
596035	2052 D	0.8	8/25/2025 7:58:00 AM	8/29/2025 7:34:00 AM	65	52	Duplicate
382504113-0035						**Duplicate RPD = 0.0%**	
Sample Notes:	Duplicate's Customer Sample:382504113-0034						
596187	2050	1	8/25/2025 7:59:00 AM	8/29/2025 7:36:00 AM	72	50	Customer
382504113-0036							
Sample Notes:							

EMSL Analytical, Inc.
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http://www.EMSL.com cinnaminsonradonlab@emsl.com

EMSL Order:	382504113
CustomerID:	JCBR50
CustomerPO:	
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
596283	Vestibule	0.6	8/25/2025 8:02:00 AM	8/29/2025 7:38:00 AM	72	48	Customer
382504113-0037							
Sample Notes:							
596051	Stage	0.4	8/25/2025 8:03:00 AM	8/29/2025 7:42:00 AM	71	51	Customer
382504113-0038							
Sample Notes:							
596012	Rm 123	0.2	8/25/2025 8:05:00 AM	8/29/2025 7:43:00 AM	71	49	Customer
382504113-0039							
Sample Notes:							
596028	Rm 123 D	0.1	8/25/2025 8:05:00 AM	8/29/2025 7:43:00 AM	71	49	Duplicate
382504113-0040					**Duplicate RPD = 66.7%**		
Sample Notes:	Duplicate's Customer Sample:382504113-0039						
596148	Rm 124	0.3	8/25/2025 8:06:00 AM	8/29/2025 7:44:00 AM	71	50	Customer
382504113-0041							
Sample Notes:							
596063	Rm 124 D	0.4	8/25/2025 8:06:00 AM	8/29/2025 7:44:00 AM	71	50	Duplicate
382504113-0042					**Duplicate RPD = 28.6%**		
Sample Notes:	Duplicate's Customer Sample:382504113-0041						

Report Notes

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)

Jeanel Zoll (42)

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 09/05/2025 15:06:54

OrderID: 382504113

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Radon Testing Chain of Custody

EMSL Order Number / Lab Use Only

382504113

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
(800) 220-3675
RadLab@emsl.com

Walk In

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

Customer Information		Billing Information	
Customer ID:	JCBR50	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	City, State, Zip:	Hauppauge, NY, 11788
Country:	USA	Country	USA
Phone:	(631) 584-5492	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 / 25-60519

Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide)

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:

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	☐ Other
5) If School Testing, please enter School Code:				
6) Is this a Post Mitigation Test?	☑ YES	☐ NO		

Box Number	Device Number	Location / Floor	Exposure Period Beginning Date and Time	Exposure Period Ending Date and Time	Temperature °F	Humidity %
S	596046	2002	8/25/25 0722	8/29/25 0651	72.5	44.3
B	596432	2002	8/25/25 0722	8/29/25 0651	72.5	44.3
S	596171	2005	8/25/25 0724	8/29/25 0652	72.6	43.6
S	596043	2008	8/25/25 0725	8/29/25 0654	73.0	44.6
D	596097	2008	8/25/25 0725	8/29/25 0654	73.0	44.6
S	596020	2011	8/25/25 0727	8/29/25 0655	73.2	43.6
S	596080	2015	8/25/25 0728	8/29/25 0656	73.4	44.6
S	596021	2018	8/25/25 0729	8/29/25 0658	71.9	33.6
S	596139	2023	8/25/25 0730	8/29/25 0659	67.1	50.2
S	596301	2041	8/25/25 0731	8/29/25 0700	70.3	35.4
S	595986	2027	8/25/25 0732	8/29/25 0701	72.6	45.6
S	596434	2030	8/25/25 0732	8/29/25	73.4	44.6
S	596483	2032	8/25/25 0733	8/29/25 0705	72.6	41.6

RECEIVED SEP 3 2025 CINNAMINSON, NJ

EMSL ANALYTICAL, INC. Carle Place, NY AUG 29 25 PM02:48

*Comments/Special Instructions:

NH 2 day TAT

Client Sample #(s):

Total # of Samples: 42 devices

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by:	Date/Time:	Received by:	Date/Time:
		A. Minnfield/A. Muller	8/29/25 2:48 pm
Relinquished by:	Date/Time:	Received by:	Date/Time:
		Jeanel G Zalli/Jeanel Zalli	9/3/25 16:17 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.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

OrderID: 382504113

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Radon Testing Chain of Custody

EMSL Order Number / Lab Use Only: 382504113

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

(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	596322	2071	8/25/25 0735	8/29/25 0705	73.2	43.6
B	596328	2071	8/25/25 0735	8/29/25 0706	72.8	43.6
S	596099	2075	8/25/25 0740	8/29/25 0707	72.6	46.6
S	596031	2078	8/25/25 0740	8/29/25 0708	72.8	44.3
S	596318	2081	8/25/25 0741	8/29/25 0709	73.0	45.6
S	596299	2086	8/25/25 0742	8/29/25 0711	73.2	45.6
D	596101	2086	8/25/25 0742	8/29/25 0711	73.2	45.6
S	596243	2089	8/25/25 0743	8/29/25 0712	73.0	44.6
S	596152	2096	8/25/25 0745	8/29/25 0713	71.7	43.1
S	596074	2068	8/25/25 0750	8/29/25 0714	71.7	51.5
S	596071	2068B	8/25/25 0751	8/29/25 0715	71.0	52.5
D	596014	2068B	8/25/25 0751	8/29/25 0715	71.0	52.5
S	596034	2043	8/25/25 0753	8/29/25 0718	71.7	48.2
S	596037	2044	8/25/25 0753	8/29/25 0719	73.5	43.6
S	596154	2045	8/25/25 0754	8/29/25 0720	74.1	43.8
S	596119	2062	8/25/25 0755	8/29/25 0722	74.1	44.6
D	596409	2062	8/25/25 0755	8/29/25 0722	74.1	44.6
S	596188	2060	8/25/25 0756	8/29/25 0723	73.7	43.6
S	596015	2058	8/25/25 0756	NOT RETRIEVED		
S	596359	2056	8/25/25 0757	8/29/25 0730	72.3	45.5
S	596027	2054	8/25/25 0758	8/29/25 0732	71.9	44.5
S	596026	2052	8/25/25 0758	8/29/25 0734	65.3	52.3
D	596035	2052	8/25/25 0758	8/29/25 0734	65.3	52.3
S	596187	2050	8/25/25 0759	8/29/25 0736	71.6	49.5
S	596283	VESTIBULE	8/25/25 0802	8/29/25 0738	71.7	47.5
S	596051	STAGE	8/25/25 0803	8/29/25 0742	71.4	50.5

*Comments/Special Instructions:

RECEIVED
2025 SEP -2 PM 12:48
EMSL ANALYTICAL, INC.
CARLE PLACE, NY

RECEIVED
EMSL ANALYTICAL, INC.
Carle Place, NY
AUG 29 25, PM02:48

Relinquished by:	Date/Time:	Received by:	Date/Time
A.M.Innfield	8/29/25 2:48pm		
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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Radon Testing Chain of Custody

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RadLab@emsl.com

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Box Number	Device Number	Location	Exposure Period Beginning Date and Time	Exposure Period Ending Date and Time	Temperature °F	Humidity %
S	596012	Rm 123	08/25/25 0805	8/29/25 0743	71.2	48.5
D	596028	Rm 123	08/25/25 0805	8/29/25 0743	71.2	48.5
S	596148	Rm 124	08/25/25 0806	8/29/25 0744	70.7	49.5
D	596063	Rm 124	8/25/25 0806	8/29/25 0744	70.7	49.5

4

RECEIVED
EMSL ANALYTICAL, INC.
Carle Place, NY
AUG 29 25, PM02:49

2025 SEP 8 PM 4:17

*Comments/Special Instructions:

Relinquished by:	Date/Time:	Received by:	Date/Time
	8/29/25	A Minnifield	8/29/25 2:48pm
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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