

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

January 15, 2021

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

**Re: Indoor Radon Sampling
South Grove Annex
60 Colony Lane
Syosset, New York 11791
Sampling Dates: December 28-31, 2020**

JCB#: 20-46692B

Dear Mr. Fasulo:

J.C. Broderick and Associates, Inc. (JCB) was retained to perform indoor radon sampling within the above referenced school building.

The sampling was performed by experienced JCB representatives following the EPA Radon Measurement in Schools (EPA 402-R-92-014) guidance document. Sampling was performed utilizing Short-Term test devices which were placed in frequently occupied rooms in contact with the ground after the building was closed for a minimum of 12 hours.

The samples were assigned unique identification numbers, logged into a chain of custody document, and delivered to an accredited laboratory for the analysis of Radon. The results were compared with the decision-making flowchart found in the EPA Radon Measurement in Schools (EPA 402-R-92-014) guidance document which establishes an action level of 4 pCi/L.

The results of the sampling performed revealed the following:

- All results were reported below the EPA action level.

Please see the attached laboratory reports to be included in the District's Radon Measurement Plan. If there are any questions or if more information is needed, please feel free to contact our office.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bryan Ezelius', written over a light blue horizontal line.

Bryan Ezelius
J. C. Broderick & Associates, Inc.

A handwritten signature in black ink, appearing to read 'Edward McGuire III', written over a light blue horizontal line.

Edward McGuire III
J. C. Broderick & Associates, Inc.



**CHAIN OF CUSTODY
RADON LABORATORY SERVICES
(COMMERCIAL USE)**

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: 800-220-3675
www.emsl.com

EMSL Job #: _____

EMSL ANALYTICAL, INC.

Company Information: EMSL Acct #: _____

Company Name: JC Brodenck & Associates

Contact: Bryan Ezelius

Address: 1775 Expressway Drive North

City: Havppauge

State: New York Zip: 11788

Phone: 631-5845492 Fax: _____

Email: Bezelius@JC Brodenck.com

Technician Certification #: _____

Tech Name: Jarrett Boniface

Tech Signature: [Signature]

Project/Site Information: *Required

Project Name: South Grove Annex

Project # / PO: 20-46692

*Address: 60 Colony Lane

*City: Syosset *State: NY *Zip: 11791

*Building type? Residential Non-Residential
 School Other: _____

*Building foundation type? Basement Crawlspace
 Slab on Grade Other: _____

Special Notes / Instructions: _____

***Turnaround Time (TAT) Options**

1 Day 2 Day 3 Day 4 Day

Disclaimer: In no event shall EMSL be liable for indirect, special, consequential, or incidental 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 there under or the delivery, use, reliance upon or interpretation of test results by client or 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 thereafter.

(S) Sample (B) Blank (D) Duplicate	Device Number	Location	Room #	Exposure Period Beginning Date		Exposure Period Ending Date		Temp. °F	Humidity, %
				Date	Time	Date	Time		
(S) Sample	439537	Center Desk	2013	12/28/20	10:18	12/31/20	11:20	76.1	23.8
B	439602	Center Desk	2015	12/28/20	10:19	12/31/20	11:22	75.8	23.4
S	439637	Center Table	2016	12/28/20	10:21	12/31/20	11:25	68.9	23.3
D	439512	Center Table	2018	12/28/20	10:23	12/31/20	11:26	69.1	22.6
S	439519	Center Table	2020	12/28/20	10:24	12/31/20	11:27	70.2	22.3
S	439592	Center Table	2024	12/28/20	10:27	12/31/20	11:28	71.7	22.9
S	439565	Center Table	2022	12/28/20	10:30	12/31/20	11:29	70.7	22.3

Relinquished by (Sign): _____ Date: _____ Time: _____

Received by EMSL (Sign): [Signature] Date: 1/5/21 Time: 11:23

Dominic Gehret

Page of _____



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: 382100381
CustomerID: JCBR50
CustomerPO:
ProjectID:

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

Phone: (631) 584-5492
Fax:
Received: 1/5/2021 11:23 AM
Analysis Date: 1/5/2021
Collected: 12/28/2020

Project: **South Grove Annex / 60 Colony Lane / Project # 20-46692**

Test **South Grove Annex**
Site: **60 Colony Lane**
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
439537 382100381-0001	Center Desk - Room 2013	-0.3	12/28/2020 10:18:00 AM	12/31/2020 11:20:00 AM	96.1	23.8	Blank
Sample Notes:							
439602 382100381-0002	Center Desk - Room 2013	-0.6	12/28/2020 10:18:00 AM	12/31/2020 11:20:00 AM	96.1	23.8	Customer
Sample Notes:							
439646 382100381-0003	Center Desk - Room 2015	-0.1	12/28/2020 10:19:00 AM	12/31/2020 11:22:00 AM	75.8	23.4	Customer
Sample Notes:							
439637 382100381-0004	Center Table - Room 2016	0	12/28/2020 10:21:00 AM	12/31/2020 11:29:00 AM	68.9	23.3	Customer
Sample Notes:							
439512 382100381-0005	Center Table - Room 2016	-0.2	12/28/2020 10:21:00 AM	12/31/2020 11:29:00 AM	68.9	23.3	Duplicate
Sample Notes: Duplicate's Customer Sample:382100381-0004						Duplicate RPD = 0%	
439519 382100381-0006	Center Table - Room 2018	-0.4	12/28/2020 10:23:00 AM	12/31/2020 11:26:00 AM	69.1	22.6	Customer
Sample Notes:							
439592 382100381-0007	Center Table - Room 2020	-0.2	12/28/2020 10:24:00 AM	12/31/2020 11:27:00 AM	70.2	22.3	Customer
Sample Notes:							
439565 382100381-0008	Center Table - Room 2024	-0.2	12/28/2020 10:27:00 AM	12/31/2020 11:28:00 AM	71.7	22.9	Customer
Sample Notes:							
439869 382100381-0009	Center Desk - Room 2022	-0.2	12/28/2020 10:30:00 AM	12/31/2020 11:29:00 AM	70.7	22.3	Customer
Sample Notes:							
439623 382100381-0010	Center Table - Room 2022A	-0.2	12/28/2020 10:33:00 AM	12/31/2020 11:33:00 AM	74.2	23.2	Customer
Sample Notes:							



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<http://www.EMSL.com>

cinnaminsonradonlab@emsl.com

EMSL Order: 382100381

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
439569 382100381-0011	Center Desk - Room 9	0	12/28/2020 10:35:00 AM	12/31/2020 11:35:00 AM	68.1	22.3	Customer
Sample Notes:							
439491 382100381-0012	Center Desk - Room 8	0.2	12/28/2020 10:36:00 AM	12/31/2020 11:36:00 AM	67.3	22	Customer
Sample Notes:							
439497 382100381-0013	Center Desk - Room 2025	-0.2	12/28/2020 10:39:00 AM	12/31/2020 11:38:00 AM	67.8	22.8	Customer
Sample Notes:							
439509 382100381-0014	Center Desk - Room 2025	-0.2	12/28/2020 10:39:00 AM	12/31/2020 11:38:00 AM	67.8	22.8	Blank
Sample Notes:							
439580 382100381-0015	Center Desk - Room 2027	-0.4	12/28/2020 10:40:00 AM	12/31/2020 11:39:00 AM	68.3	22.4	Customer
Sample Notes:							
439618 382100381-0016	Center Desk - Room 2029	-0.1	12/28/2020 10:42:00 AM	12/31/2020 11:41:00 AM	68.7	22.3	Customer
Sample Notes:							
439505 382100381-0017	Center Desk - Room 2029	-0.3	12/28/2020 10:42:00 AM	12/31/2020 11:41:00 AM	68.7	22.3	Duplicate
Sample Notes: Duplicate's Customer Sample:382100381-0016						Duplicate RPD = 0%	
439704 382100381-0018	Center Desk - Room 2006A	-0.4	12/28/2020 10:43:00 AM	12/31/2020 11:43:00 AM	69.3	22.5	Customer
Sample Notes:							
439624 382100381-0019	Center Desk - Room 2009	-0.2	12/28/2020 10:44:00 AM	12/31/2020 11:45:00 AM	69.7	23.3	Customer
Sample Notes:							

Report Notes

Please visit www.radontestinglab.com



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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)

Dominic Gehret (19)

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 01/15/2021 15:05:23