

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

June 8, 2018

Mr. Gregory Hamilton
Syosset Central School District
99 Pell Lane
Syosset, New York 11791

**Re: Indoor Radon Sampling
South Grove Elementary School
60 Colony Lane
Syosset, New York 11791
Sampling Dates: May 26-29, 2018**

JCB#: 18-40074

Dear Mr. Hamilton:

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,

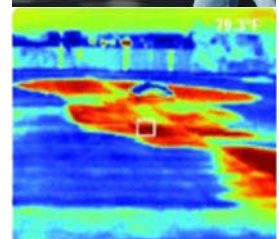
A handwritten signature in black ink, appearing to read 'Tara Ricker', is written over a light blue horizontal line.

Tara Ricker
J. C. Broderick & Associates, Inc.

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

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

Chain of Custody & Laboratory Analytical Report



J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing

1775 Expressway Drive North

Hauppauge, New York 11788

631.584.5492 fax 631.584.3395

m#1
(6.1.18
RUN)



RECEIVED
EMSL
CINNAMINSON, NJ

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

2018 MAY 31 EMSL Job #: 381804919

Company Information: EMSL Acct #: JCBR50

Company Name: JC Broderick & Associates, Inc.

Contact: Edward McGuire

Address: 1775 Express Drive North

City: Hauppauge

State: New York **Zip:** 11788

Phone: 631-584-5492 **Fax:**

Email: emcguire@jcbroderick.com

Technician Certification #:

Tech Name: Tara Ricker

Tech Signature: *Tara Ricker*

Project/Site Information: *Required

Project Name: South Grove Elementary School

Project # / PO: 18-40074

***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	✓330471	Center desk	2005	5/26/2018	8:19	5/29/2018	5:15	69.9	67.6
B	✓330267								
S	✓330227	Center desk	2002	5/26/2018	8:20	5/29/2018	5:16	70.1	67.7
S	✓330014	Center desk	2008	5/26/2018	8:21	5/29/2018	5:17	70.5	67.5
S	✓330236	Center desk	2011	5/26/2018	8:22	5/29/2018	5:17	70.7	67.3
D	✓330465								
S	✓330018	Center desk	2015	5/26/2018	8:23	5/29/2018	5:18	71.0	66.9
S	✓330006 (330006)	Center desk	2018	5/26/2018	8:25	5/29/2018	5:18	71.0	66.5
B	✓330447								
S	✓330252	Center desk	2023	5/26/2018	8:26	5/29/2018	5:23	71.6	64.7

Relinquished by (Sign): *Tara Ricker* Date: 5/29/2018 Time: _____

Received by EMSL (Sign): *Hauelleu* Date: 5/31/18 Time: _____

Page of 3

m#1
CL.1.18
RUN



RECEIVED
EMSL
CINNAMINSON, NJ
2018 MAY 31 P 8:37

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 #: 381804919

EMSL ANALYTICAL, INC.

(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 ✓	330441	Center desk	2027	5/26/2018	8:27	5/29/2018	5:20	71.2	65.2
S ✓	330263	Center desk	2030	5/26/2018	8:28	5/29/2018	5:21	71.4	65.5
D ✓	330253								
S ✓	330283	Center desk	2032	5/26/2018	8:31	5/29/2018	5:22	71.4	64.5
S ✓	329999	Center desk	2070	5/26/2018	8:33	5/29/2018	5:24	71.7	63.7
S ✓	330476	Center stool	2068B	5/26/2018	8:34	5/29/2018	5:25	71.6	62.5
B ✓	330058								
S ✓	330254	Center desk	2043	5/26/2018	8:36	5/29/2018	5:25	71.7	62.8
S ✓	330278	North desk	2041	5/26/2018	8:40	5/29/2018	5:19	71.2	65.9
S ✓	330462	Center desk	2044	5/26/2018	8:42	5/29/2018	5:26	71.7	64.0
D ✓	330446								
S ✓	330033	Center desk	2068	5/26/2018	8:43	5/29/2018	5:27	71.7	63.2
S ✓	330470	Center desk	2062	5/26/2018	8:45	5/29/2018	5:28	71.9	63.6
S ✓	330444	Center desk	2060	5/26/2018	8:46	5/29/2018	5:29	71.9	64.1
B ✓	330492								
S ✓	330067	Center desk	2050	5/26/2018	8:47	5/29/2018	5:30	71.7	64.5
S ✓	330513	Center desk	2045	5/26/2018	8:49	5/29/2018	5:28	71.7	63.0
S ✓	330257	Center desk	2058	5/26/2018	8:50	5/29/2018	5:30	71.6	65.0
D ✓	329978								
S ✓	330319	Center desk	2052	5/26/2018	8:51	5/29/2018	5:31	71.4	65.2
S ✓	330244	Center desk	2056	5/26/2018	8:53	5/29/2018	5:31	71.4	65.4

Relinquished by (Sign): *Tammi* Date: 5/29/2018 Time: _____
 Received by EMSL (Sign): *David* Date: 5/31/18 Time: _____
 2 Page of 3

m41
6.1.18
RUN

RECEIVED
EMSL
CINNAMINSON, NJ
2018 MAY 31 P 12:37



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 #: 381804919

(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	330324	Center desk	2054	5/26/2018	8:55	5/29/2018	5:32	71.4	65.3
S	330052	Center bench	2096	5/26/2018	9:04	5/29/2018	5:37	69.9	68.1
S	330440	Center desk	2071	5/26/2018	9:05	5/29/2018	5:38	69.8	68.0
B	330458								
S	330459	Center desk	2075	5/26/2018	9:09	5/29/2018	5:38	69.8	69.3
D	330455								
S	330510	Center desk	2089	5/26/2018	9:10	5/29/2018	5:39	70.1	69.6
S	330346	Center desk	2078	5/26/2018	9:12	5/29/2018	5:39	69.9	69.0
S	330490	Center desk	2081	5/26/2018	9:13	5/29/2018	5:40	70.1	69.4
S	330450	Center desk	2086	5/26/2018	9:14	5/29/2018	5:41	70.3	69.2
S	330270	North desk	Small Nurse office	5/26/2018	9:18	5/29/2018	5:22	71.4	64.9
S	330477	SW Desk	Gym office 123	5/26/2018	9:40	5/29/2018	5:34	70.8	59.1
S	330448	SW Desk	Gym office 124	5/26/18	9:42	5/29/18	5:34	70.5	57.9

Relinquished by (Sign): *[Signature]* Date: 5/29/2018 Time: _____
 Received by EMSL (Sign): *[Signature]* Date: 5/31/18 Time: _____
 Page of 3



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:	381804919
CustomerID:	JCBR50
CustomerPO:	18-40074
ProjectID:	

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

Phone: (631) 584-5492
 Fax:
 Received: 05/31/18 12:37 PM
 Analysis Date: 6/4/2018
 Collected: 5/26/2018

Project: 18-40074 / South Grove Elementary School

Test Site: **South Grove Elementary School**
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
330471 381804919-0001	Room 2005 - Center Desk	0.3	5/26/2018 8:19:00 AM	5/29/2018 5:15:00 AM	69.9	67.6	Customer
Sample Notes:							
330267 381804919-0002	Room 2005 - Center Desk	0	5/26/2018 8:19:00 AM	5/29/2018 5:15:00 AM	69.9	67.6	Blank
Sample Notes:							
330227 381804919-0003	Room 2002 - Center Desk	0.2	5/26/2018 8:20:00 AM	5/29/2018 5:16:00 AM	70.1	67.7	Customer
Sample Notes:							
330014 381804919-0004	Room 2008 - Center Desk	0.2	5/26/2018 8:21:00 AM	5/29/2018 5:17:00 AM	70.5	67.5	Customer
Sample Notes:							
330236 381804919-0005	Room 2011 - Center Desk	0.2	5/26/2018 8:22:00 AM	5/29/2018 5:17:00 AM	70.7	67.3	Customer
Sample Notes:							
330465 381804919-0006	Room 2011 - Center Desk	0.2	5/26/2018 8:22:00 AM	5/29/2018 5:17:00 AM	70.7	67.3	Duplicate
Sample Notes: Duplicate's Customer Sample:381804919-0005 Duplicate RPD = 0.0%							
330018 381804919-0007	Room 2015 - Center Desk	0.3	5/26/2018 8:23:00 AM	5/29/2018 5:18:00 AM	71	66.9	Customer
Sample Notes:							
330006 381804919-0008	Room 2018 - Center Desk	0.1	5/26/2018 8:25:00 AM	5/29/2018 5:18:00 AM	71	66.5	Customer
Sample Notes:							
330447 381804919-0009	Room 2018 - Center Desk	0	5/26/2018 8:25:00 AM	5/29/2018 5:18:00 AM	71	66.5	Blank
Sample Notes:							
330252 381804919-0010	Room 2023 - Center Desk	0.1	5/26/2018 8:26:00 AM	5/29/2018 5:23:00 AM	71.6	64.7	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:	381804919
CustomerID:	JCBR50
CustomerPO:	18-40074
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
330441 381804919-0011	Room 2027 - Center Desk	0.3	5/26/2018 8:27:00 AM	5/29/2018 5:20:00 AM	71.2	65.2	Customer
Sample Notes:							
330263 381804919-0012	Room 2030 - Center Desk	0.3	5/26/2018 8:28:00 AM	5/29/2018 5:21:00 AM	71.4	65.5	Customer
Sample Notes:							
330253 381804919-0013	Room 2030 - Center Desk	0.1	5/26/2018 8:28:00 AM	5/29/2018 5:21:00 AM	71.4	65.5	Duplicate
Sample Notes: Duplicate's Customer Sample:381804919-0013					Duplicate RPD = 0.0%		
330283 381804919-0014	Room 2032 - Center Desk	0.1	5/26/2018 8:31:00 AM	5/29/2018 5:22:00 AM	71.4	64.5	Customer
Sample Notes:							
329999 381804919-0015	Room 2070 - Center Desk	0.1	5/26/2018 8:33:00 AM	5/29/2018 5:24:00 AM	71.7	63.7	Customer
Sample Notes:							
330476 381804919-0016	Room 2068B - Center Stool	0.1	5/26/2018 8:34:00 AM	5/29/2018 5:25:00 AM	71.6	62.5	Customer
Sample Notes:							
330058 381804919-0017	Room 2068B - Center Stool	-0.1	5/26/2018 8:34:00 AM	5/29/2018 5:25:00 AM	71.6	62.5	Blank
Sample Notes:							
330254 381804919-0018	Room 2043 - Center Desk	0.2	5/26/2018 8:36:00 AM	5/29/2018 5:25:00 AM	71.7	62.8	Customer
Sample Notes:							
330278 381804919-0019	Room 2041 - North Desk	0.1	5/26/2018 8:40:00 AM	5/29/2018 5:19:00 AM	71.2	65.9	Customer
Sample Notes:							
330462 381804919-0020	Room 2044 - Center Desk	0.2	5/26/2018 8:42:00 AM	5/29/2018 5:26:00 AM	71.7	64	Customer
Sample Notes:							
330446 381804919-0021	Room 2044 - Center Desk	0.1	5/26/2018 8:42:00 AM	5/29/2018 5:26:00 AM	71.7	64	Duplicate
Sample Notes: Duplicate's Customer Sample:381804919-0020					Duplicate RPD = 66.7%		
330033 381804919-0022	Room 2068 - Center Desk	0.1	5/26/2018 8:43:00 AM	5/29/2018 5:27:00 AM	71.7	63.2	Customer
Sample Notes:							
330470 381804919-0023	Room 2062 - Center Desk	0.2	5/26/2018 8:45:00 AM	5/29/2018 5:28:00 AM	71.9	63.6	Customer
Sample Notes:							

Please visit www.radontestinglab.com



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:	381804919
CustomerID:	JCBR50
CustomerPO:	18-40074
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
330444 381804919-0024	Room 2060 - Center Desk	0.2	5/26/2018 8:46:00 AM	5/29/2018 5:29:00 AM	71.9	64.1	Customer
Sample Notes:							
330492 381804919-0025	Room 2060 - Center Desk	0	5/26/2018 8:46:00 AM	5/29/2018 5:29:00 AM	71.9	64.1	Blank
Sample Notes:							
330067 381804919-0026	Room 2050 - Center Desk	0.1	5/26/2018 8:47:00 AM	5/29/2018 5:30:00 AM	71.7	64.5	Customer
Sample Notes:							
330513 381804919-0027	Room 2045 - Center Desk	0.2	5/26/2018 8:49:00 AM	5/29/2018 5:28:00 AM	71.7	63	Customer
Sample Notes:							
330257 381804919-0028	Room 2058 - Center Desk	0.3	5/26/2018 8:50:00 AM	5/29/2018 5:30:00 AM	71.6	65	Customer
Sample Notes:							
329978 381804919-0029	Room 2058 - Center Desk	0.2	5/26/2018 8:50:00 AM	5/29/2018 5:30:00 AM	71.6	65	Duplicate
Sample Notes: Duplicate's Customer Sample:381804919-0028					Duplicate RPD = 40.0%		
330319 381804919-0030	Room 2052 - Center Desk	0.1	5/26/2018 8:51:00 AM	5/29/2018 5:31:00 AM	71.4	65.2	Customer
Sample Notes:							
330244 381804919-0031	Room 2056 - Center Desk	0.3	5/26/2018 8:53:00 AM	5/29/2018 5:31:00 AM	71.4	65.4	Customer
Sample Notes:							
330324 381804919-0032	Room 2054 - Center Desk	0.3	5/26/2018 8:55:00 AM	5/29/2018 5:32:00 AM	71.4	65.3	Customer
Sample Notes:							
33052 381804919-0033	Room 2096 - Center Bench	0.2	5/26/2018 9:04:00 AM	5/29/2018 5:37:00 AM	69.9	68.1	Customer
Sample Notes:							
330440 381804919-0034	Room 2071 - Center Desk	0.1	5/26/2018 9:05:00 AM	5/29/2018 5:38:00 AM	69.8	68	Customer
Sample Notes:							
330458 381804919-0035	Room 2071 - Center Desk	-0.1	5/26/2018 9:05:00 AM	5/29/2018 5:38:00 AM	69.8	68	Blank
Sample Notes:							
330459 381804919-0036	Room 2075 - Center desk	0.4	5/26/2018 9:09:00 AM	5/29/2018 5:38:00 AM	69.8	69.3	Customer
Sample Notes:							

Please visit www.radontestinglab.com



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:	381804919
CustomerID:	JCBR50
CustomerPO:	18-40074
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
330455 381804919-0037	Room 2075 - Center desk	0.1	5/26/2018 9:09:00 AM	5/29/2018 5:38:00 AM	69.8	69.3	Duplicate
Sample Notes: Duplicate's Customer Sample:381804919-0036 Duplicate RPD >67%							Duplicate RPD = 120.0%
330510 381804919-0038	Room 2089 - Center Desk	0.1	5/26/2018 9:10:00 AM	5/29/2018 5:39:00 AM	70.1	69.6	Customer
Sample Notes:							
330346 381804919-0039	Room 2078 - Center Desk	0.1	5/26/2018 9:12:00 AM	5/29/2018 5:39:00 AM	69.9	69.6	Customer
Sample Notes:							
330490 381804919-0040	Room 2081 - Center Desk	0.3	5/26/2018 9:13:00 AM	5/29/2018 5:40:00 AM	70.1	69.4	Customer
Sample Notes:							
330450 381804919-0041	Room 2086 - Center Desk	0.3	5/26/2018 9:14:00 AM	5/29/2018 5:41:00 AM	70.3	69.2	Customer
Sample Notes:							
330270 381804919-0042	Small Nurse Office - North Desk	0.2	5/26/2018 9:18:00 AM	5/29/2018 5:22:00 AM	71.4	64.9	Customer
Sample Notes:							
330477 381804919-0043	Gym Office 123 - SW Desk	0.7	5/26/2018 9:40:00 AM	5/29/2018 5:34:00 AM	70.8	59.1	Customer
Sample Notes:							
330448 381804919-0044	Gym Office 124 - SW Desk	0.8	5/26/2018 9:42:00 AM	5/29/2018 5:34:00 AM	70.5	57.9	Customer
Sample Notes:							

Report 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:	381804919
CustomerID:	JCBR50
CustomerPO:	18-40074
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
-------------------------	----------	------------------------	-------	------	---------------	------------	-------------

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)

Laura Freeman (44)

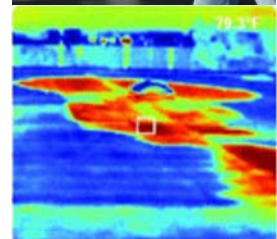
Laura Freeman, Radon Laboratory Manager &
Peixue Ma, Ph.D, NJ Radon Measurement Specialist NJ MES
13502

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 Accreditations: NRSB ARL6006, NJ DEP 03036, MEB 92525, PA 2573, IN 00455, IA L00032, RI RAS-024, ME 20200C, NE RMB-1083, NY ELAP 10872, NM 885-10L, FL RB2034, OH RL-39, NRPP #109000AL, KS-LB-0005, IL RNL2008202.

Initial report from 06/06/2018 16:10:30

Laboratory Certifications



J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing

1775 Expressway Drive North

Hauppauge, New York 11788

631.584.5492 fax 631.584.3395

**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PHILLIP M. WORBY
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Acrylates		Purgeable Aromatics	
Acetonitrile	EPA TO-15	1,2-Dichlorobenzene	EPA TO-15
Acrylonitrile	EPA TO-17	1,3,5-Trimethylbenzene	EPA TO-15
	EPA TO-15	1,3-Dichlorobenzene	EPA TO-17
Ethyl acrylate	EPA TO-15		EPA TO-15
Methyl methacrylate	EPA TO-15	1,4-Dichlorobenzene	EPA TO-17
			EPA TO-15
Chlorinated Hydrocarbons		2-Chlorotoluene	EPA TO-15
1,2,4-Trichlorobenzene	EPA TO-17	Benzene	EPA TO-17
Hexachlorobutadiene	EPA TO-17		EPA TO-15
	EPA TO-15	Chlorobenzene	EPA TO-17
Hexachloroethane	EPA TO-15		EPA TO-15
Miscellaneous		Ethyl benzene	EPA TO-15
Formaldehyde	EPA TO-15	Isopropylbenzene	EPA TO-17
Radon	Charcoal - Liquid Scintillation		EPA TO-15
Polychlorinated Biphenyls		m/p-Xylenes	EPA TO-15
PCBs and Aroclors	EPA TO-10A	o-Xylene	EPA TO-17
	EPA TO-4A		EPA TO-15
		Styrene	EPA TO-17
Polynuclear Aromatics			EPA TO-15
Naphthalene	EPA TO-15	Toluene	EPA TO-17
Priority Pollutant Phenols			EPA TO-15
Phenol	EPA TO-15	Total Xylenes	EPA TO-17
			EPA TO-15
Purgeable Aromatics		Purgeable Halocarbons	
1,2,4-Trimethylbenzene	EPA TO-15	1,1,1-Trichloroethane	EPA TO-17
1,2-Dichlorobenzene	EPA TO-17		

Serial No.: 57595

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PHILLIP M. WORBY
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Purgeable Halocarbons

1,1,1-Trichloroethane	EPA TO-15
1,1,1,2-Tetrachloroethane	EPA TO-17
	EPA TO-15
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA TO-15
1,1,2-Trichloroethane	EPA TO-17
	EPA TO-15
1,1-Dichloroethane	EPA TO-17
	EPA TO-15
1,1-Dichloroethene	EPA TO-17
	EPA TO-15
1,2-Dibromo-3-chloropropane	EPA TO-15
1,2-Dibromoethane	EPA TO-15
1,2-Dichloroethane	EPA TO-17
	EPA TO-15
1,2-Dichloropropane	EPA TO-17
	EPA TO-15
3-Chloropropene (Allyl chloride)	EPA TO-15
Bromodichloromethane	EPA TO-15
Bromoform	EPA TO-17
	EPA TO-15
Bromomethane	EPA TO-15
Carbon tetrachloride	EPA TO-17
	EPA TO-15
Chloroethane	EPA TO-15
Chloroform	EPA TO-17
	EPA TO-15

Purgeable Halocarbons

Chloromethane	EPA TO-15
cis-1,2-Dichloroethene	EPA TO-17
	EPA TO-15
cis-1,3-Dichloropropene	EPA TO-17
	EPA TO-15
Dibromochloromethane	EPA TO-15
Dichlorodifluoromethane	EPA TO-15
Methylene chloride	EPA TO-17
	EPA TO-15
Tetrachloroethene	EPA TO-17
	EPA TO-15
trans-1,2-Dichloroethene	EPA TO-15
trans-1,3-Dichloropropene	EPA TO-17
	EPA TO-15
Trichloroethene	EPA TO-17
	EPA TO-15
Trichlorofluoromethane	EPA TO-15
Vinyl bromide	EPA TO-17
	EPA TO-15
Vinyl chloride	EPA TO-17
	EPA TO-15

Volatile Chlorinated Organics

Benzyl chloride	EPA TO-15
Epichlorohydrin	EPA TO-15

Serial No.: 57595

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PHILLIP M. WORBY
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Volatile Organics

1,2-Dichlorotetrafluoroethane	EPA TO-15
1,3-Butadiene	EPA TO-17
	EPA TO-15
1,4-Dioxane	EPA TO-15
2,2,4-Trimethylpentane	EPA TO-15
2-Butanone (Methylethyl ketone)	EPA TO-15
4-Methyl-2-Pentanone	EPA TO-15
Acetaldehyde	EPA TO-15
Acetone	EPA TO-15
Acrolein (Propenal)	EPA TO-15
Carbon Disulfide	EPA TO-17
	EPA TO-15
Cyclohexane	EPA TO-15
Hexane	EPA TO-15
Isopropanol	EPA TO-15
Methanol	EPA TO-15
Methyl iodide	EPA TO-15
Methyl tert-butyl ether	EPA TO-17
	EPA TO-15
n-Heptane	EPA TO-15
Nitrobenzene	EPA TO-15
Propionaldehyde	EPA TO-15
tert-butyl alcohol	EPA TO-15
Vinyl acetate	EPA TO-15

NEW YORK
state department of
HEALTH

Serial No.: 57595

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



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

June 8, 2018

Mr. Gregory Hamilton
Syosset Central School District
99 Pell Lane
Syosset, New York 11791

**Re: Indoor Radon Sampling
Baylis Elementary School
580 Woodbury Road
Plainview, New York 11803
Sampling Dates: May 26-29, 2018**

JCB#: 18-40075

Dear Mr. Hamilton:

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.

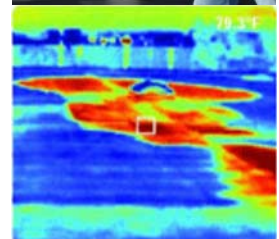
Please see the attached laboratory reports to be included in the District's Radon Measurement Plan. If there are any questions or if more information is needed, please feel free to contact our office.

Sincerely,

Tara Ricker
J. C. Broderick & Associates, Inc.

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

Chain of Custody & Laboratory Analytical Report



J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing

1775 Expressway Drive North

Hauppauge, New York 11788

631.584.5492 fax 631.584.3395

79506422
0005

m#2
(C.L. 18 RUN)



RECEIVED
EMSL
CINNAMINSON, NJ

CHAIN OF CUSTODY
RADON LABORATORY SERVICES

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

2018 MAY 31 P 12:36

EMSL Job #: 381804922

Company Information: EMSL Acct #: JCBR50

Company Name: JC Broderick & Associates, Inc.

Contact: Edward McGuire

Address: 1775 Express Drive North

City: Hauppauge

State: New York **Zip:** 11788

Phone: 631-584-5492 **Fax:**

Email: emcguire@jcbroderick.com

Technician Certification #:

Tech Name: Meghan Gwynn

Tech Signature: *Meaghan Gwynn*

Project/Site Information: *Required

Project Name: Baylis Elementary School

Project # / PO: 18-40075

***Address:** 580 Woodbury Road

***City:** Plainview ***State:** NY ***Zip:** 11803

***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	330347	Center	Music F	5/26/2018	7:55	5/29/2018	5:08	71	64.2
D	330316								
S	330292	NE Desk	Music E	5/26/2018	7:57	5/29/2018	5:09	71.2	61.4
S	330273	Center Desk	Room C	5/26/2018	7:59	5/29/2018	5:10	71.7	59.9
S	330312	NW Desk	Room D	5/26/2018	8:00	5/29/2018	5:11	71.9	59.1
S	330370	Center Desk	2070	5/26/2018	8:01	5/29/2018	5:12	71.9	62.8
S	330293	Center Desk	2068	5/26/2018	8:02	5/29/2018	5:13	71.7	61.2
S	330258	Center Desk	2073	5/26/2018	8:03	5/29/2018	5:14	72.1	64.6
B	330261								

Relinquished by (Sign): *Meaghan Gwynn*

Date: 5/29/18 Time: _____

Received by EMSL (Sign): *[Signature]*

Date: 5/31/18 Time: _____

Page of 4

*m#2
(6.1.18
RUN)*



**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.

(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 ✓	330296	N Desk	2065	5/26/2018	8:04	5/29/2018	5:15	71.9	64.7
S ✓	330031	Center Desk	Room 10	5/26/2018	8:05	5/29/2018	5:16	71.9	64.9
S ✓	330305	Center Desk	2063	5/26/2018	8:06	5/29/2018	5:17	71.7	64.9
S ✓	330331	Center Desk	2061	5/26/2018	8:07	5/29/2018	5:18	71.7	65
S ✓	330240	South Desk	2077	5/26/2018	8:08	5/29/2018	5:19	71.9	64.8
S ✓	330280	Center	2049A	5/26/2018	8:09	5/29/2018	5:20	71.9	64.7
S ✓	330271	Center	2049	5/26/2018	8:10	5/29/2018	5:21	71.7	64.6
D ✓	330314								
S ✓	330378	Center Desk	2048	5/26/2018	8:11	5/29/2018	5:22	71.9	64.6
S ✓	330371	SE Desk	2053	5/26/2018	8:12	5/29/2018	5:24	71.9	64.7
B ✓	330098								
S ✓	330256	Center Desk	2050	5/26/2018	8:13	5/29/2018	5:25	71.7	64.6
S ✓	330309	Center Desk	2044	5/26/2018	8:14	5/29/2018	5:26	71.6	64.7
S ✓	330300	Center Desk	2026	5/26/2018	8:15	5/29/2018	5:27	71.7	64.9
S ✓	330431	Center Desk	2029	5/26/2018	8:16	5/29/2018	5:28	71.7	65
D ✓	330372								
S ✓	330333	Center Desk	2041	5/26/2018	8:17	5/29/2018	5:29	71.9	65
S ✓	330408	Center Desk	2032	5/26/2018	8:18	5/29/2018	5:30	71.9	64.9
S ✓	330288	NW Desk	2038	5/26/2018	8:19	5/29/2018	5:31	71.7	65.1
B ✓	330015								

Relinquished by (Sign): _____

Date: _____

Time: _____

2 Page of 4

Received by EMSL (Sign): *Dawson*

Date: *5/31/18*

Time: _____

m#2
(6.1.18 RUN)

RECEIVED
EMSL
CINNAMINSON, NJ
2018 MAY 31 12:35



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.

(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 ✓	330260	Center Desk	2035	5/26/2018	8:19	5/29/2018	5:32	71.9	65.1
S ✓	330353	Center Desk	Room A	5/26/2018	8:20	5/29/2018	5:33	71.7	64.7
S ✓	330251	Center Desk	Room B	5/26/2018	8:21	5/29/2018	5:34	71.2	63.4
S ✓	330323	Center	2022	5/26/2018	8:23	5/29/2018	5:35	71.4	65.9
S ✓	330355	Center	2020	5/26/2018	8:24	5/29/2018	5:36	71.6	65.5
S ✓	330279	Center Desk	2015	5/26/2018	8:25	5/29/2018	5:37	72.1	63.1
D ✓	329990								
S ✓	330073	Center Desk	2013	5/26/2018	8:26	5/29/2018	5:38	72.5	61.2
S ✓	330375	Center	2012	5/26/2018	8:27	5/29/2018	5:39	72.6	60.2
S ✓	330308	Center Desk	2010	5/26/2018	8:28	5/29/2018	5:40	73	59.1
B ✓	330286								
S ✓	330358	Center Desk	2011	5/26/2018	8:29	5/29/2018	5:41	73.2	58.3
S ✓	330344	Center Desk	2009	5/26/18	8:30	5/29/18	5:42	73.4	57.8
S ✓	330275	Center Desk	2008	5/26/18	8:31	5/29/18	5:43	73.7	58
S ✓	330406	Center Desk	2006	5/26/18	8:32	5/29/18	5:44	73.9	57
S ✓	330116	Center Desk	2007	5/26/18	8:33	5/29/18	5:45	73.9	56.6
D ✓	330403								
S ✓	330221	Center Desk	2005	5/26/18	8:34	5/29/18	5:46	74.1	56.6
S	330310	Center	2002	5/26/18	8:35	5/29/18	5:47	74.1	56.8
B	330417								

Relinquished by (Sign): _____ Date: _____ Time: _____ 3 Page of 4
 Received by EMSL (Sign): *Hawell* Date: 5/31/18 Time: _____



RECEIVED
EMSL
CINNAMINSON, NJ

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 #: _____

2018 MAY 31 P 12:36

m#2
(6-1-18)
RUN

(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	330321	Center	2046/ 2047	5/26/18	8:40	5/29/18	5:23	71.9	64.7

Relinquished by (Sign): _____ Date: _____ Time: _____ 4 Page of 4

Received by EMSL (Sign): David Date: 5/21/18 Time: _____



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:	381804922
CustomerID:	JCBR50
CustomerPO:	18-40075
ProjectID:	

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

Phone: (631) 584-5492
 Fax:
 Received: 05/31/18 12:36 PM
 Analysis Date: 6/2/2018
 Collected: 5/26/2018

Project: 18-40075 / Baylis Elementary School

Test Site: **Baylis Elementary School**
580 Woodbury Road
Plainview, NY 11803

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
330347 381804922-0001	Center - Music F	0.9	5/26/2018 7:55:00 AM	5/29/2018 5:08:00 AM	71	64.2	Customer
Sample Notes:							
330316 381804922-0002	Center - Music F	0.9	5/26/2018 7:55:00 AM	5/29/2018 5:08:00 AM	71	64.2	Duplicate
Sample Notes: Duplicate's Customer Sample:381804922-0001 Duplicate RPD = 0.0%							
330292 381804922-0003	NE Desk - Music E	0.8	5/26/2018 7:57:00 AM	5/29/2018 5:09:00 AM	71.2	61.4	Customer
Sample Notes:							
330273 381804922-0004	Center Desk - Room C	0.9	5/26/2018 7:59:00 AM	5/29/2018 5:10:00 AM	71.7	59.9	Customer
Sample Notes:							
330312 381804922-0005	NW Desk - Room D	0.7	5/26/2018 8:00:00 AM	5/29/2018 5:11:00 AM	71.9	59.1	Customer
Sample Notes:							
330370 381804922-0006	Center Desk - 2070	0.7	5/26/2018 8:01:00 AM	5/29/2018 5:12:00 AM	71.9	62.8	Customer
Sample Notes:							
330293 381804922-0007	Center Desk - 2068	0.6	5/26/2018 8:02:00 AM	5/29/2018 5:13:00 AM	71.7	61.2	Customer
Sample Notes:							
330258 381804922-0008	Center Desk - 2073	0.8	5/26/2018 8:03:00 AM	5/29/2018 5:14:00 AM	72.1	64.6	Customer
Sample Notes:							
330261 381804922-0009	Center Desk - 2073	0.1	5/26/2018 8:03:00 AM	5/29/2018 5:14:00 AM	72.1	64.6	Blank
Sample Notes:							
330296 381804922-0010	N Desk - 2065	0.8	5/26/2018 8:04:00 AM	5/29/2018 5:15:00 AM	71.9	64.7	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:	381804922
CustomerID:	JCBR50
CustomerPO:	18-40075
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
330031 381804922-0011	Center Desk - Room 10	0.8	5/26/2018 8:05:00 AM	5/29/2018 5:16:00 AM	71.9	64.9	Customer
Sample Notes:							
330305 381804922-0012	Center Desk - 2063	0.8	5/26/2018 8:06:00 AM	5/29/2018 5:17:00 AM	71.7	64.9	Customer
Sample Notes:							
330331 381804922-0013	Center Desk - 2061	0.8	5/26/2018 8:07:00 AM	5/29/2018 5:18:00 AM	71.7	65	Customer
Sample Notes:							
330240 381804922-0014	South Desk - 2077	0.7	5/26/2018 8:08:00 AM	5/29/2018 5:19:00 AM	71.9	64.8	Customer
Sample Notes:							
330280 381804922-0015	Center - 2049A	0.9	5/26/2018 8:09:00 AM	5/29/2018 5:20:00 AM	71.9	64.7	Customer
Sample Notes:							
330271 381804922-0016	Center - 2049	0.8	5/26/2018 8:10:00 AM	5/29/2018 5:21:00 AM	71.7	64.6	Customer
Sample Notes:							
330314 381804922-0017	Center - 2049	0.6	5/26/2018 8:10:00 AM	5/29/2018 5:21:00 AM	71.7	64.6	Duplicate
Sample Notes: Duplicate's Customer Sample:381804922-0016					Duplicate RPD = 28.6%		
330378 381804922-0018	Center Desk - 2048	0.6	5/26/2018 8:11:00 AM	5/29/2018 5:22:00 AM	71.9	64.6	Customer
Sample Notes:							
330371 381804922-0019	SE Desk - 2053	1	5/26/2018 8:12:00 AM	5/29/2018 5:24:00 AM	71.9	64.7	Customer
Sample Notes:							
330098 381804922-0020	SE Desk - 2053	-0.1	5/26/2018 8:12:00 AM	5/29/2018 5:24:00 AM	71.9	64.7	Blank
Sample Notes:							
330256 381804922-0021	Center Desk - 2050	0.6	5/26/2018 8:13:00 AM	5/29/2018 5:25:00 AM	71.7	64.6	Customer
Sample Notes:							
330309 381804922-0022	Center Desk - 2044	0.7	5/26/2018 8:14:00 AM	5/29/2018 5:26:00 AM	71.6	64.7	Customer
Sample Notes:							
330300 381804922-0023	Center Desk - 2026	0.8	5/26/2018 8:15:00 AM	5/29/2018 5:27:00 AM	71.7	64.9	Customer
Sample Notes:							

Please visit www.radontestinglab.com



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:	381804922
CustomerID:	JCBR50
CustomerPO:	18-40075
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
330431 381804922-0024	Center Desk - 2029	0.9	5/26/2018 8:16:00 AM	5/29/2018 5:28:00 AM	71.7	65	Customer
Sample Notes:							
330372 381804922-0025	Center Desk - 2029	0.9	5/26/2018 8:16:00 AM	5/29/2018 5:28:00 AM	71.7	65	Duplicate
Sample Notes: Duplicate's Customer Sample:381804922-0024							
Duplicate RPD = 0.0%							
330333 381804922-0026	Center Desk - 2041	0.8	5/26/2018 8:17:00 AM	5/29/2018 5:29:00 AM	71.9	65	Customer
Sample Notes:							
330408 381804922-0027	Customer Desk - 2032	0.7	5/26/2018 8:18:00 AM	5/29/2018 5:30:00 AM	71.9	64.9	Customer
Sample Notes:							
330288 381804922-0028	NW Desk - 2038	0.7	5/26/2018 8:19:00 AM	5/29/2018 5:31:00 AM	71.7	65.1	Customer
Sample Notes:							
330015 381804922-0029	NW Desk - 2038	-0.1	5/26/2018 8:19:00 AM	5/29/2018 5:31:00 AM	71.7	65.1	Blank
Sample Notes:							
330260 381804922-0030	Center Desk - 2035	1	5/26/2018 8:19:00 AM	5/29/2018 5:32:00 AM	71.9	65.1	Customer
Sample Notes:							
330353 381804922-0031	Center Desk - Room A	0.1	5/26/2018 8:20:00 AM	5/29/2018 5:33:00 AM	71.7	64.7	Customer
Sample Notes:							
330251 381804922-0032	Center Desk - Room B	0.5	5/26/2018 8:21:00 AM	5/29/2018 5:34:00 AM	71.2	63.4	Customer
Sample Notes:							
330323 381804922-0033	Center - 2022	0.9	5/26/2018 8:23:00 AM	5/29/2018 5:35:00 AM	71.4	65.9	Customer
Sample Notes:							
330355 381804922-0034	Center - 2020	1	5/26/2018 8:24:00 AM	5/29/2018 5:36:00 AM	71.6	65.5	Customer
Sample Notes:							
330279 381804922-0035	Center Desk - 2015	0.7	5/26/2018 8:25:00 AM	5/29/2018 5:37:00 AM	72.1	63.1	Customer
Sample Notes:							
329990 381804922-0036	Center Desk - 2015	0.6	5/26/2018 8:25:00 AM	5/29/2018 5:37:00 AM	72.1	63.1	Duplicate
Sample Notes: Duplicate's Customer Sample:381804922-0035							
Duplicate RPD = 15.4%							

Please visit www.radontestinglab.com



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:	381804922
CustomerID:	JCBR50
CustomerPO:	18-40075
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
330073 381804922-0037	Center Desk - 2013	1	5/26/2018 8:26:00 AM	5/29/2018 5:38:00 AM	75.5	61.2	Customer
Sample Notes:							
330375 381804922-0038	Center - 2012	0.6	5/26/2018 8:27:00 AM	5/29/2018 5:39:00 AM	72.6	60.2	Customer
Sample Notes:							
330308 381804922-0039	Center Desk - 2010	0.7	5/26/2018 8:28:00 AM	5/29/2018 5:40:00 AM	73	59.1	Customer
Sample Notes:							
330286 381804922-0040	Center Desk - 2010	-0.1	5/26/2018 8:28:00 AM	5/29/2018 5:40:00 AM	73	49.1	Blank
Sample Notes:							
330358 381804922-0041	Center Desk - 2011	0.6	5/26/2018 8:29:00 AM	5/29/2018 5:41:00 AM	73.2	58.3	Customer
Sample Notes:							
330344 381804922-0042	Center Desk - 2009	0.6	5/26/2018 8:30:00 AM	5/29/2018 5:42:00 AM	73.4	57.8	Customer
Sample Notes:							
330275 381804922-0043	Center Desk - 2008	0.6	5/26/2018 8:31:00 AM	5/29/2018 5:43:00 AM	73.7	58	Customer
Sample Notes:							
330406 381804922-0044	Center Desk - 2006	0.6	5/26/2018 8:32:00 AM	5/29/2018 5:44:00 AM	73.9	57	Customer
Sample Notes:							
330116 381804922-0045	Center Desk - 2007	0.8	5/26/2018 8:33:00 AM	5/29/2018 5:45:00 AM	73.9	56.6	Customer
Sample Notes:							
330403 381804922-0046	Center Desk - 2007	0.8	5/26/2018 8:33:00 AM	5/29/2018 5:45:00 AM	73.9	56.6	Duplicate
Sample Notes:	Duplicate's Customer Sample:381804922-0045					Duplicate RPD = 0.0%	
330221 381804922-0047	Center Desk - 2005	0.8	5/26/2018 8:34:00 AM	5/29/2018 5:46:00 AM	74.1	56.6	Customer
Sample Notes:							
330310 381804922-0048	Center - 2002	0.8	5/26/2018 8:35:00 AM	5/29/2018 5:47:00 AM	74.1	56.8	Customer
Sample Notes:							
330417 381804922-0049	Center - 2002	0	5/26/2018 8:35:00 AM	5/29/2018 5:47:00 AM	74.1	56.8	Blank
Sample Notes:							

Please visit www.radontestinglab.com



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:	381804922
CustomerID:	JCBR50
CustomerPO:	18-40075
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
330321	Center - 2046 / 2047	0.9	5/26/2018	5/29/2018	71.9	64.7	Customer
381804922-0050			8:40:00 AM	5:23:00 AM			

Sample Notes:

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)

Laura Freeman (50)

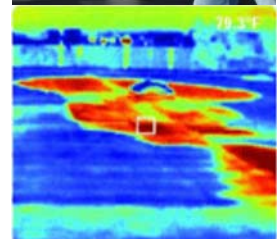
Laura Freeman, Radon Laboratory Manager &
Peixue Ma, Ph.D, NJ Radon Measurement Specialist NJ MES
13502

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 Accreditations: NRSB ARL6006, NJ DEP 03036, MEB 92525, PA 2573, IN 00455, IA L00032, RI RAS-024, ME 20200C, NE RMB-1083, NY ELAP 10872, NM 885-10L, FL RB2034, OH RL-39, NRPP #109000AL, KS-LB-0005, IL RNL2008202.

Initial report from 06/06/2018 16:37:09

Laboratory Certifications



J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing

1775 Expressway Drive North

Hauppauge, New York 11788

631.584.5492 fax 631.584.3395

**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PHILLIP M. WORBY
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Acrylates		Purgeable Aromatics	
Acetonitrile	EPA TO-15	1,2-Dichlorobenzene	EPA TO-15
Acrylonitrile	EPA TO-17	1,3,5-Trimethylbenzene	EPA TO-15
	EPA TO-15	1,3-Dichlorobenzene	EPA TO-17
Ethyl acrylate	EPA TO-15		EPA TO-15
Methyl methacrylate	EPA TO-15	1,4-Dichlorobenzene	EPA TO-17
			EPA TO-15
Chlorinated Hydrocarbons		2-Chlorotoluene	EPA TO-15
1,2,4-Trichlorobenzene	EPA TO-17	Benzene	EPA TO-17
Hexachlorobutadiene	EPA TO-17		EPA TO-15
	EPA TO-15	Chlorobenzene	EPA TO-17
Hexachloroethane	EPA TO-15		EPA TO-15
Miscellaneous		Ethyl benzene	EPA TO-15
Formaldehyde	EPA TO-15	Isopropylbenzene	EPA TO-17
Radon	Charcoal - Liquid Scintillation		EPA TO-15
Polychlorinated Biphenyls		m/p-Xylenes	EPA TO-15
PCBs and Aroclors	EPA TO-10A	o-Xylene	EPA TO-17
	EPA TO-4A		EPA TO-15
		Styrene	EPA TO-17
Polynuclear Aromatics			EPA TO-15
Naphthalene	EPA TO-15	Toluene	EPA TO-17
Priority Pollutant Phenols			EPA TO-15
Phenol	EPA TO-15	Total Xylenes	EPA TO-17
			EPA TO-15
Purgeable Aromatics		Purgeable Halocarbons	
1,2,4-Trimethylbenzene	EPA TO-15	1,1,1-Trichloroethane	EPA TO-17
1,2-Dichlorobenzene	EPA TO-17		

Serial No.: 57595

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PHILLIP M. WORBY
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Purgeable Halocarbons

1,1,1-Trichloroethane	EPA TO-15
1,1,1,2-Tetrachloroethane	EPA TO-17
	EPA TO-15
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA TO-15
1,1,2-Trichloroethane	EPA TO-17
	EPA TO-15
1,1-Dichloroethane	EPA TO-17
	EPA TO-15
1,1-Dichloroethene	EPA TO-17
	EPA TO-15
1,2-Dibromo-3-chloropropane	EPA TO-15
1,2-Dibromoethane	EPA TO-15
1,2-Dichloroethane	EPA TO-17
	EPA TO-15
1,2-Dichloropropane	EPA TO-17
	EPA TO-15
3-Chloropropene (Allyl chloride)	EPA TO-15
Bromodichloromethane	EPA TO-15
Bromoform	EPA TO-17
	EPA TO-15
Bromomethane	EPA TO-15
Carbon tetrachloride	EPA TO-17
	EPA TO-15
Chloroethane	EPA TO-15
Chloroform	EPA TO-17
	EPA TO-15

Purgeable Halocarbons

Chloromethane	EPA TO-15
cis-1,2-Dichloroethene	EPA TO-17
	EPA TO-15
cis-1,3-Dichloropropene	EPA TO-17
	EPA TO-15
Dibromochloromethane	EPA TO-15
Dichlorodifluoromethane	EPA TO-15
Methylene chloride	EPA TO-17
	EPA TO-15
Tetrachloroethene	EPA TO-17
	EPA TO-15
trans-1,2-Dichloroethene	EPA TO-15
trans-1,3-Dichloropropene	EPA TO-17
	EPA TO-15
Trichloroethene	EPA TO-17
	EPA TO-15
Trichlorofluoromethane	EPA TO-15
Vinyl bromide	EPA TO-17
	EPA TO-15
Vinyl chloride	EPA TO-17
	EPA TO-15

Volatile Chlorinated Organics

Benzyl chloride	EPA TO-15
Epichlorohydrin	EPA TO-15

Serial No.: 57595

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PHILLIP M. WORBY
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Volatile Organics

1,2-Dichlorotetrafluoroethane	EPA TO-15
1,3-Butadiene	EPA TO-17
	EPA TO-15
1,4-Dioxane	EPA TO-15
2,2,4-Trimethylpentane	EPA TO-15
2-Butanone (Methylethyl ketone)	EPA TO-15
4-Methyl-2-Pentanone	EPA TO-15
Acetaldehyde	EPA TO-15
Acetone	EPA TO-15
Acrolein (Propenal)	EPA TO-15
Carbon Disulfide	EPA TO-17
	EPA TO-15
Cyclohexane	EPA TO-15
Hexane	EPA TO-15
Isopropanol	EPA TO-15
Methanol	EPA TO-15
Methyl iodide	EPA TO-15
Methyl tert-butyl ether	EPA TO-17
	EPA TO-15
n-Heptane	EPA TO-15
Nitrobenzene	EPA TO-15
Propionaldehyde	EPA TO-15
tert-butyl alcohol	EPA TO-15
Vinyl acetate	EPA TO-15

NEW YORK
state department of
HEALTH

Serial No.: 57595

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



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

June 8, 2018

Mr. Gregory Hamilton
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: May 26-29, 2018**

JCB#: 18-40112

Dear Mr. Hamilton:

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.

Attached please find a copy of the laboratory analytical report. If there are any questions or if more information is needed, please feel free to contact our office.

Sincerely,

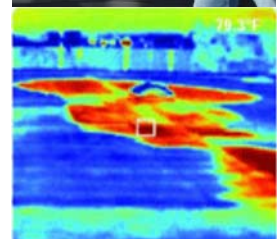
A handwritten signature in black ink, appearing to read 'Tara Ricker', written in a cursive style.

Tara Ricker
J. C. Broderick & Associates, Inc.

A handwritten signature in black ink, appearing to read 'Edward McGuire III', written in a cursive style.

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

Chain of Custody & Laboratory Analytical Report



J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing

1775 Expressway Drive North

Hauppauge, New York 11788

631.584.5492 fax 631.584.3395

Fedex: 7950
6462
0605

M#4
(6.1.18
Run)



RECEIVED
EMSL
CINNAMINSON NJ
CHAIN OF CUSTODY
RADON LABORATORY SERVICES
(COMMERCIAL USE)

2018 MAY 31 P 12:31
EMSL Job #: 381804918

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

EMSL ANALYTICAL, INC.

Company Information: EMSL Acct #: JCBR50

Company Name: JC Broderick & Associates, Inc.

Contact: Edward McGuire

Address: 1775 Express Drive North

City: Hauppauge

State: New York **Zip:** 11788

Phone: 631-584-5492 **Fax:**

Email: emcguire@jcbroderick.com

Technician Certification #:

Tech Name: Tara Ricker

Tech Signature: *Tara Ricker*

Project/Site Information: *Required

Project Name: South Grove Annex

Project # / PO: 18-40112

***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 B	330247 330415	Center table	2009	5/26/2018	9:59	5/29/2018	5:47	70.5	65.7
S	330493	Center desk	2013	5/26/2018	10:00	5/29/2018	5:48	70.8	65.5
S	330282	Center desk	2015	5/26/2018	10:01	5/29/2018	5:49	71.0	65.1
S D	330010 330464	Center table	2016	5/26/2018	10:02	5/29/2018	5:49	71.4	64.3
S	330265	Center desk	2018	5/26/2018	10:03	5/29/2018	5:50	71.7	63.3
S	330295	Center desk	2020	5/26/2018	10:04	5/29/2018	5:50	72.1	62.6
S	330468	Center table	2024	5/26/2018	10:05	5/29/2018	5:51	72.3	62.4

Relinquished by (Sign): *Tara Ricker*

Date: 5/29/2018 Time: _____

1 Page of 2

Received by EMSL (Sign): *R. Hoff*

Date: 5-31-18 Time: _____



EMSL ANALYTICAL, INC.

RECEIVED
EMSL
CINNAMINSON, NJ
2018 MAY 31 P 12:31

CHAIN OF CUSTODY
RADON LABORATORY SERVICES
(COMMERCIAL USE)

EMSL Job #: _____

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

(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	330269	Center table	2022	5/26/2018	10:06	5/29/2018	5:52	72.6	66.4
B	330299								
S	330474	Center table	2022A	5/26/2018	10:07	5/29/2018	5:52	72.8	60.8
S	330483	Center table	Rm 8	5/26/2018	10:08	5/29/2018	5:53	73.0	57.2
D	330113								
S	330480	Center table	Rm 9	5/26/2018	10:09	5/29/2018	5:54	73.0	56.6
S	330289	Center table	2025	5/26/2018	10:10	5/29/2018	5:55	72.5	59.1
S	330063	Centertable	2027	5/26/2018	10:11	5/29/2018	5:56	72.5	60.2
S	330238	Center desk	2029	5/26/2018	10:12	5/29/2018	5:56	72.6	60.5
S	330451	SW Desk	2006A	5/26/2018	10:14	5/29/2018	5:58	73.0	60.5
				5/26/2018		5/29/2018			
				5/26/2018		5/29/2018			
				5/26/2018		5/29/2018			
				5/26/2018		5/29/2018			
				5/26/2018		5/29/2018			
				5/26/2018		5/29/2018			
				5/26/2018		5/29/2018			
				5/26/2018		5/29/2018			
				5/26/2018		5/29/2018			

Relinquished by (Sign): *Tam M*

Date: 5/29/2018 Time: _____

Page of 2

Received by EMSL (Sign): *R. Hoff*

Date: 5.31.18 Time: _____



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:	381804918
CustomerID:	JCBR50
CustomerPO:	18-40112
ProjectID:	

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

Phone: (631) 584-5492
 Fax:
 Received: 05/31/18 12:37 PM
 Analysis Date: 6/1/2018
 Collected: 5/26/2018

Project: 18-40112 / South Grove Annex

Test Site: **South Grove Annex**
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
330247 381804918-0001	Center Table - 2009	0.2	5/26/2018 9:59:00 AM	5/29/2018 5:47:00 AM	70.5	65.7	Customer
Sample Notes:							
330445 381804918-0002	Center Table - 2009	-0.1	5/26/2018 9:59:00 AM	5/29/2018 5:47:00 AM	70.5	65.7	Blank
Sample Notes:							
330493 381804918-0003	Center Desk - 2013	0.3	5/26/2018 10:00:00 AM	5/29/2018 5:48:00 AM	70.8	65.5	Customer
Sample Notes:							
330282 381804918-0004	Center Desk - 2015	0.2	5/26/2018 10:01:00 AM	5/29/2018 5:49:00 AM	71	65.1	Customer
Sample Notes:							
330010 381804918-0005	Center Table - 2016	0.3	5/26/2018 10:02:00 AM	5/29/2018 5:49:00 AM	71.4	64.3	Customer
Sample Notes:							
330464 381804918-0006	Center Table - 2016	0.2	5/26/2018 10:02:00 AM	5/29/2018 5:49:00 AM	71.4	64.3	Duplicate
Sample Notes: Duplicate's Customer Sample:381804918-0005 Duplicate RPD = 40.0%							
330265 381804918-0007	Center Desk - 2018	0.3	5/26/2018 10:03:00 AM	5/29/2018 5:50:00 AM	71.7	63.3	Customer
Sample Notes:							
330295 381804918-0008	Center Desk - 2020	0.1	5/26/2018 10:04:00 AM	5/29/2018 5:50:00 AM	72.1	62.6	Customer
Sample Notes:							
330468 381804918-0009	Center Table - 2024	0.1	5/26/2018 10:05:00 AM	5/29/2018 5:51:00 AM	72.3	62.4	Customer
Sample Notes:							
330269 381804918-0010	Center Table - 2022	0.2	5/26/2018 10:06:00 AM	5/29/2018 5:52:00 AM	72.6	61.4	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:	381804918
CustomerID:	JCBR50
CustomerPO:	18-40112
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
330299 381804918-0011	Center Table - 2022	0	5/26/2018 10:06:00 AM	5/29/2018 5:52:00 AM	72.6	61.4	Blank
Sample Notes:							
330474 381804918-0012	Center Table - 2022A	0.1	5/26/2018 10:07:00 AM	5/29/2018 5:52:00 AM	72.8	60.8	Customer
Sample Notes:							
330483 381804918-0013	Center Table - Rm 8	0.7	5/26/2018 10:08:00 AM	5/29/2018 5:53:00 AM	73	57.2	Customer
Sample Notes:							
330113 381804918-0014	Center Table - Rm 8	0.6	5/26/2018 10:08:00 AM	5/29/2018 5:53:00 AM	73	57.2	Duplicate
Sample Notes: Duplicate's Customer Sample:381804918-0013						Duplicate RPD = 15.4%	
330480 381804918-0015	Center table - Rm 9	0.4	5/26/2018 10:09:00 AM	5/29/2018 5:54:00 AM	73	56.6	Customer
Sample Notes:							
330289 381804918-0016	Center Table - 2025	0.1	5/26/2018 10:10:00 AM	5/29/2018 5:55:00 AM	72.5	59.1	Customer
Sample Notes:							
330063 381804918-0017	Center Table - 2027	0.2	5/26/2018 10:11:00 AM	5/29/2018 5:56:00 AM	72.5	60.2	Customer
Sample Notes:							
330238 381804918-0018	Center Desk - 2029	0.2	5/26/2018 10:12:00 AM	5/29/2018 5:56:00 AM	72.6	60.5	Customer
Sample Notes:							
330451 381804918-0019	SW Desk - 2006A	0.3	5/26/2018 10:14:00 AM	5/29/2018 5:58:00 AM	73	60.5	Customer
Sample Notes:							

Report Notes

Please visit www.radontestinglab.com



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:	381804918
CustomerID:	JCBR50
CustomerPO:	18-40112
ProjectID:	

Test Report: Radon in Air Test Results

Liquid Scintillation ID	Location	Radon Activity (pCi/L)	Start	Stop	Temperature F	Humidity %	Sample Type
-------------------------	----------	------------------------	-------	------	---------------	------------	-------------

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)

Racquel Hafiz (19)

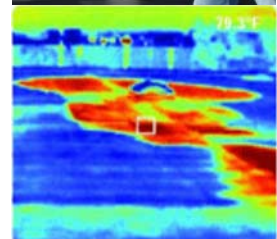
Laura Freeman, Radon Laboratory Manager &
Peixue Ma, Ph.D, NJ Radon Measurement Specialist NJ MES
13502

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 Accreditations: NRSB ARL6006, NJ DEP 03036, MEB 92525, PA 2573, IN 00455, IA L00032, RI RAS-024, ME 20200C, NE RMB-1083, NY ELAP 10872, NM 885-10L, FL RB2034, OH RL-39, NRPP #109000AL, KS-LB-0005, IL RNL2008202.

Initial report from 06/06/2018 17:10:54

Laboratory Certifications



J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing

1775 Expressway Drive North

Hauppauge, New York 11788

631.584.5492 fax 631.584.3395

**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PHILLIP M. WORBY
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Acrylates		Purgeable Aromatics	
Acetonitrile	EPA TO-15	1,2-Dichlorobenzene	EPA TO-15
Acrylonitrile	EPA TO-17	1,3,5-Trimethylbenzene	EPA TO-15
	EPA TO-15	1,3-Dichlorobenzene	EPA TO-17
Ethyl acrylate	EPA TO-15		EPA TO-15
Methyl methacrylate	EPA TO-15	1,4-Dichlorobenzene	EPA TO-17
			EPA TO-15
Chlorinated Hydrocarbons		2-Chlorotoluene	EPA TO-15
1,2,4-Trichlorobenzene	EPA TO-17	Benzene	EPA TO-17
Hexachlorobutadiene	EPA TO-17		EPA TO-15
	EPA TO-15	Chlorobenzene	EPA TO-17
Hexachloroethane	EPA TO-15		EPA TO-15
Miscellaneous		Ethyl benzene	EPA TO-15
Formaldehyde	EPA TO-15	Isopropylbenzene	EPA TO-17
Radon	Charcoal - Liquid Scintillation		EPA TO-15
Polychlorinated Biphenyls		m/p-Xylenes	EPA TO-15
PCBs and Aroclors	EPA TO-10A	o-Xylene	EPA TO-17
	EPA TO-4A		EPA TO-15
		Styrene	EPA TO-17
Polynuclear Aromatics			EPA TO-15
Naphthalene	EPA TO-15	Toluene	EPA TO-17
Priority Pollutant Phenols			EPA TO-15
Phenol	EPA TO-15	Total Xylenes	EPA TO-17
			EPA TO-15
Purgeable Aromatics		Purgeable Halocarbons	
1,2,4-Trimethylbenzene	EPA TO-15	1,1,1-Trichloroethane	EPA TO-17
1,2-Dichlorobenzene	EPA TO-17		

Serial No.: 57595

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PHILLIP M. WORBY
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Purgeable Halocarbons

1,1,1-Trichloroethane	EPA TO-15
1,1,1,2-Tetrachloroethane	EPA TO-17
	EPA TO-15
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA TO-15
1,1,2-Trichloroethane	EPA TO-17
	EPA TO-15
1,1-Dichloroethane	EPA TO-17
	EPA TO-15
1,1-Dichloroethene	EPA TO-17
	EPA TO-15
1,2-Dibromo-3-chloropropane	EPA TO-15
1,2-Dibromoethane	EPA TO-15
1,2-Dichloroethane	EPA TO-17
	EPA TO-15
1,2-Dichloropropane	EPA TO-17
	EPA TO-15
3-Chloropropene (Allyl chloride)	EPA TO-15
Bromodichloromethane	EPA TO-15
Bromoform	EPA TO-17
	EPA TO-15
Bromomethane	EPA TO-15
Carbon tetrachloride	EPA TO-17
	EPA TO-15
Chloroethane	EPA TO-15
Chloroform	EPA TO-17
	EPA TO-15

Purgeable Halocarbons

Chloromethane	EPA TO-15
cis-1,2-Dichloroethene	EPA TO-17
	EPA TO-15
cis-1,3-Dichloropropene	EPA TO-17
	EPA TO-15
Dibromochloromethane	EPA TO-15
Dichlorodifluoromethane	EPA TO-15
Methylene chloride	EPA TO-17
	EPA TO-15
Tetrachloroethene	EPA TO-17
	EPA TO-15
trans-1,2-Dichloroethene	EPA TO-15
trans-1,3-Dichloropropene	EPA TO-17
	EPA TO-15
Trichloroethene	EPA TO-17
	EPA TO-15
Trichlorofluoromethane	EPA TO-15
Vinyl bromide	EPA TO-17
	EPA TO-15
Vinyl chloride	EPA TO-17
	EPA TO-15

Volatile Chlorinated Organics

Benzyl chloride	EPA TO-15
Epichlorohydrin	EPA TO-15

Serial No.: 57595

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PHILLIP M. WORBY
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Volatile Organics

1,2-Dichlorotetrafluoroethane	EPA TO-15
1,3-Butadiene	EPA TO-17
	EPA TO-15
1,4-Dioxane	EPA TO-15
2,2,4-Trimethylpentane	EPA TO-15
2-Butanone (Methylethyl ketone)	EPA TO-15
4-Methyl-2-Pentanone	EPA TO-15
Acetaldehyde	EPA TO-15
Acetone	EPA TO-15
Acrolein (Propenal)	EPA TO-15
Carbon Disulfide	EPA TO-17
	EPA TO-15
Cyclohexane	EPA TO-15
Hexane	EPA TO-15
Isopropanol	EPA TO-15
Methanol	EPA TO-15
Methyl iodide	EPA TO-15
Methyl tert-butyl ether	EPA TO-17
	EPA TO-15
n-Heptane	EPA TO-15
Nitrobenzene	EPA TO-15
Propionaldehyde	EPA TO-15
tert-butyl alcohol	EPA TO-15
Vinyl acetate	EPA TO-15

NEW YORK
state department of
HEALTH

Serial No.: 57595

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

