

**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: 381601354
 CustomerID: PGCS62
 CustomerPO: 608048
 ProjectID:

Attn: **Alex Baylor**
Prince George's County School
13300 Old Marlboro Pike
Upper Marlboro, MD 20772

Phone: (301) 952-6559
 Fax: (301) 952-0346
 Received: 02/18/16 11:29 AM
 Analysis Date: 2/19/2016
 Collected: 2/12/2016

Project: **Patuxent Elementary School**

Test Site: **Patuxent Elementary School**
Upper Marlboro, MD 20772

Test Report: Radon in Air Test Results**Samples for EMSL Kit 136099**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229042	Media Center	2.3	2/12/2016	2/16/2016	70	50	Customer
381601354-0001			4:25:00 PM	12:22:00 PM			

Sample Notes:

229059	Media Center	2.3	2/12/2016	2/16/2016	70	50	Customer
381601354-0002			4:25:00 PM	12:22:00 PM			

Sample Notes:

Summary for EMSL Kit 136099 Average Radon Result: **2.3 pCi/L**

Samples for EMSL Kit 135633

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229351	Multi Purpose	2.8	2/12/2016	2/16/2016	70	50	Customer
381601354-0003			4:26:00 PM	12:24:00 PM			

Sample Notes:

229447	Multi Purpose	2.8	2/12/2016	2/16/2016	70	50	Customer
381601354-0004			4:26:00 PM	12:24:00 PM			

Sample Notes:

Summary for EMSL Kit 135633 Average Radon Result: **2.8 pCi/L**

Samples for EMSL Kit 135933

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229168	Main Office	3.1	2/12/2016	2/16/2016	70	50	Customer
381601354-0005			4:27:00 PM	12:25:00 PM			

Sample Notes:

229182	Main Office	2.8	2/12/2016	2/16/2016	70	50	Customer
381601354-0006			4:27:00 PM	12:25:00 PM			

Sample Notes:

Summary for EMSL Kit 135933 Average Radon Result: **2.9 pCi/L**

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 135642**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229324	Room 3	3.8	2/12/2016	2/16/2016	70	50	Customer
381601354-0007			4:28:00 PM	12:27:00 PM			

Sample Notes:

229398	Room 3	4.3	2/12/2016	2/16/2016	70	50	Customer
381601354-0008			4:28:00 PM	12:27:00 PM			

Sample Notes:

Summary for EMSL Kit 135642 Average Radon Result: **4.1 pCi/L**

Samples for EMSL Kit 135712

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229789	Room 1	6.1	2/12/2016	2/16/2016	70	50	Customer
381601354-0009			4:29:00 PM	12:29:00 PM			

Sample Notes:

230075	Room 1	5.7	2/12/2016	2/16/2016	70	50	Customer
381601354-0010			4:29:00 PM	12:29:00 PM			

Sample Notes:

Summary for EMSL Kit 135712 Average Radon Result: **5.9 pCi/L**

Samples for EMSL Kit 136118

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229833	Room 27	3.6	2/12/2016	2/16/2016	70	50	Customer
381601354-0011			4:30:00 PM	12:36:00 PM			

Sample Notes:

230109	Room 27	3.6	2/12/2016	2/16/2016	70	50	Customer
381601354-0012			4:30:00 PM	12:36:00 PM			

Sample Notes:

Summary for EMSL Kit 136118 Average Radon Result: **3.6 pCi/L**

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 139002**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234879	Classroom 9	2.8	2/12/2016	2/16/2016	70	50	Customer
381601354-0019			4:34:00 PM	12:33:00 PM			

Sample Notes:

232999	Classroom 9	2.6	2/12/2016	2/16/2016	70	50	Duplicate
381601354-0020			4:34:00 PM	12:33:00 PM			

Sample Notes:**Duplicate RPD = 7.4%****Samples for EMSL Kit 139011**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235096	Room 11	0.6	2/12/2016	2/16/2016	70	50	Customer
381601354-0021			4:35:00 PM	12:40:00 PM			

Sample Notes:**Samples for EMSL Kit 138995**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234790	Room 13	0.8	2/12/2016	2/16/2016	70	50	Customer
381601354-0022			4:36:00 PM	12:42:00 PM			

Sample Notes:

232184	Room 13	0	2/12/2016	2/16/2016	70	50	Blank
381601354-0023			4:36:00 PM	12:42:00 PM			

Sample Notes:**Samples for EMSL Kit 139048**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234732	Room 14	0.5	2/12/2016	2/16/2016	70	50	Customer
381601354-0024			4:37:00 PM	12:43:00 PM			

Sample Notes:

232476	Room 14	0.5	2/12/2016	2/16/2016	70	50	Duplicate
381601354-0025			4:37:00 PM	12:43:00 PM			

Sample Notes:**Duplicate RPD = 0%**

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 138981**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234740	Tv Studio	3.2	2/12/2016	2/16/2016	70	50	Customer
381601354-0026			4:38:00 PM	12:46:00 PM			

Sample Notes:

Samples for EMSL Kit 136009

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229548	Room 23	3.4	2/12/2016	2/16/2016	70	50	Customer
381601354-0027			4:39:00 PM	12:48:00 PM			

Sample Notes:

229557	Room 23	3.7	2/12/2016	2/16/2016	70	50	Customer
381601354-0028			4:39:00 PM	12:48:00 PM			

Sample Notes:

Summary for EMSL Kit 136009 Average Radon Result: 3.6 pCi/L

Samples for EMSL Kit 139045

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234687	Speech	2.7	2/12/2016	2/16/2016	70	50	Customer
381601354-0029			4:40:00 PM	12:49:00 PM			

Sample Notes:

232370	Speech	0.1	2/12/2016	2/16/2016	70	50	Blank
381601354-0030			4:40:00 PM	12:49:00 PM			

Sample Notes:

Samples for EMSL Kit 139059

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234636	Teacher's Lounge	4.5	2/12/2016	2/16/2016	70	50	Customer
381601354-0031			4:41:00 PM	12:38:00 PM			

Sample Notes:



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Test Report: Radon in Air Test Results

The radon test was performed using a liquid scintillation radon detector/s and counted on a liquid scintillation counter using approved EPA testing protocols for Radon in Air testing. The EPA recommends fixing your home if the average of two short-term tests taken in the lowest lived-in level of the home show radon levels that are equal to or greater than 4.0pCi/L. The EPA recommends retesting your home 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.

Report Note

Analyst(s)

Tiffanie Cosgrove (31)




Laura Freeman, Interim Laboratory Manager &
 Subash Rashat, New Jersey Radiation Specialist NJ MES 10152
 or other approved signatory

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. 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 #106178AL, KS-LB-0005

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 #106178AL, KS-LB-0005. Subash Rashat certification #MES10152

Initial report from 02/24/2016 14:37:21

Please visit www.radontestinglab.com