

**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: 381601359

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 11:31 AM
 Analysis Date: 2/19/2016
 Collected: 2/12/2016

Project: **James Ryder Randall ES**

Test Site: **James Ryder Randall ES**
Clinton, MD 20735

Test Report: Radon in Air Test Results**Samples for EMSL Kit 139029**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234680	Office	0.2	2/12/2016	2/16/2016	70	50	Customer
381601359-0001			5:00:00 PM	9:41:00 AM			

Sample Notes:**Samples for EMSL Kit 139036**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234792	Heath Room	0.1	2/12/2016	2/16/2016	70	50	Customer
381601359-0002			5:01:00 PM	9:42:00 AM			

Sample Notes:**Samples for EMSL Kit 139027**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234670	Faculty Lounge	0.3	2/12/2016	2/16/2016	70	50	Customer
381601359-0003			5:02:00 PM	9:43:00 AM			

Sample Notes:**Samples for EMSL Kit 139033**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234691	Room 101	0.1	2/12/2016	2/16/2016	70	50	Customer
381601359-0004			5:03:00 PM	9:44:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 139028**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234718	Rm 104		2/12/2016	2/16/2016	70	50	Customer
381601359-0005			5:04:00 PM	9:45:00 AM			
Sample Notes: Not Analyzed Radon device received open							

232477	Rm 104	0.2	2/12/2016	2/16/2016	70	50	Customer
381601359-0006			5:04:00 PM	9:45:00 AM			

Sample Notes:

Summary for EMSL Kit 139028 Average Radon Result: **0.1 pCi/L**

Samples for EMSL Kit 139037

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234719	Room 107	0	2/12/2016	2/16/2016	70	50	Customer
381601359-0007			5:05:00 PM	9:46:00 AM			

Sample Notes:

Samples for EMSL Kit 139032

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234705	Room 108	0.1	2/12/2016	2/16/2016	70	50	Customer
381601359-0008			5:06:00 PM	9:47:00 AM			
232627	Room 108		2/12/2016	2/16/2016	70	50	Duplicate
381601359-0009			5:06:00 PM	9:47:00 AM			

Sample Notes: Not Analyzed
Radon device received open

Duplicate RPD = 200%

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Clinton, MD 20735

Test Report: Radon in Air Test Results**Samples for EMSL Kit 139035**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234875	Room 109	0	2/12/2016	2/16/2016	70	50	Customer
381601359-0010			5:07:00 PM	9:48:00 AM			

Sample Notes:

232422	Room 109		2/12/2016	2/16/2016	70	50	Blank
381601359-0011			5:07:00 PM	9:48:00 AM			

Sample Notes: Not Analyzed
 Radon device not received by lab.

Samples for EMSL Kit 139034

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234669	Room 112	0	2/12/2016	2/16/2016	70	50	Customer
381601359-0012			5:08:00 PM	9:49:00 AM			

Sample Notes:**Samples for EMSL Kit 139030**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234663	Room 115	0.2	2/12/2016	2/16/2016	70	50	Customer
381601359-0013			5:09:00 PM	9:50:00 AM			

Sample Notes:**Samples for EMSL Kit 139181**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234355	Room 118	0.2	2/12/2016	2/16/2016	70	50	Customer
381601359-0014			5:10:00 PM	9:51:00 AM			

Sample Notes:

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Test Site: **James Ryder Randall ES**
Clinton, MD 20735

Test Report: Radon in Air Test Results**Samples for EMSL Kit 139185**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234436	Room 0106	0.4	2/12/2016	2/16/2016	70	50	Customer
381601359-0015			5:11:00 PM	9:52:00 AM			

Sample Notes:

232362	Room 0106	-0.1	2/12/2016	2/16/2016	70	50	Blank
381601359-0016			5:11:00 PM	9:52:00 AM			

Sample Notes:**Samples for EMSL Kit 139193**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234434	Confrence Room	0.1	2/12/2016	2/16/2016	70	50	Customer
381601359-0017			5:12:00 PM	9:53:00 AM			

Sample Notes:**Samples for EMSL Kit 139182**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234362	Room 1	0.1	2/12/2016	2/16/2016	70	50	Customer
381601359-0018			5:13:00 PM	9:54:00 AM			

Sample Notes:

234387	Room 1	0.2	2/12/2016	2/16/2016	70	50	Duplicate
381601359-0019			5:13:00 PM	9:54:00 AM			

Sample Notes:

Duplicate RPD = 66.7%

Samples for EMSL Kit 139031

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234852	Room 5	0.3	2/12/2016	2/16/2016	70	50	Customer
381601359-0020			5:14:00 PM	9:55:00 AM			

Sample Notes:

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Project: **James Ryder Randall ES**

Test Site: **James Ryder Randall ES**
Clinton, MD 20735

Test Report: Radon in Air Test Results**Samples for EMSL Kit 139194**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234433	Room 8	0.2	2/12/2016	2/16/2016	70	50	Customer
381601359-0021			5:15:00 PM	9:56:00 AM			

Sample Notes:

Samples for EMSL Kit 139144

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234374	Room 4	0.5	2/12/2016	2/16/2016	70	50	Customer
381601359-0022			5:16:00 PM	9:57:00 AM			

Sample Notes:

Samples for EMSL Kit 139196

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234394	ECC Office	0.4	2/12/2016	2/16/2016	70	50	Customer
381601359-0023			5:17:00 PM	9:58:00 AM			

Sample Notes:

Samples for EMSL Kit 139197

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234343	Pre-K	0.1	2/12/2016	2/16/2016	70	50	Customer
381601359-0024			5:18:00 PM	9:59:00 AM			

Sample Notes:

Samples for EMSL Kit 139195

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234350	Exercise Room Near 048	0.1	2/12/2016	2/16/2016	70	50	Customer
381601359-0025			5:19:00 PM	10:00:00 AM			

Sample Notes:

232360	Exercise Room Near 048	-0.1	2/12/2016	2/16/2016	70	50	Blank
381601359-0026			5:19:00 PM	10:00:00 AM			

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)

Kathryn Lickfield (23)

Laura Freeman *Subash Rashat*

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 15:32:30

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