

**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](mailto:cinnaminsonradonlab@emsl.com)

EMSL Order: 381600869  
 CustomerID: PGCS62  
 CustomerPO:  
 ProjectID:

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

Phone: (301) 952-6559  
 Fax: (301) 952-0346  
 Received: 02/02/16 1:49 PM  
 Analysis Date: 2/4/2016  
 Collected: 1/29/2016

Project: **Marlton ES**

**Prince George's County Public Schools**  
**Marlton ES**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 135700**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
230023 381600869-0001	Classroom 18	0.7	1/29/2016 2:04:00 PM	2/1/2016 6:00:00 AM	65	40	Customer

**Sample Notes:**

229854 381600869-0002	Classroom 18	0.7	1/29/2016 2:05:00 PM	2/1/2016 6:01:00 AM	65	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 135700** **Average Radon Result: 0.7 pCi/L**

**Samples for EMSL Kit 135711**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229916 381600869-0003	Classroom 20	0.9	1/29/2016 2:06:00 PM	2/1/2016 6:02:00 AM	65	40	Customer

**Sample Notes:**

229848 381600869-0004	Classroom 20	1	1/29/2016 2:07:00 PM	2/1/2016 6:03:00 AM	65	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 135711** **Average Radon Result: 0.9 pCi/L**

**Samples for EMSL Kit 135678**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229315 381600869-0005	Office 8	0.8	1/29/2016 2:08:00 PM	2/1/2016 6:04:00 AM	65	40	Customer

**Sample Notes:**

229299 381600869-0006	Office 8	0.9	1/29/2016 2:09:00 PM	2/1/2016 6:05:00 AM	65	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 135678** **Average Radon Result: 0.9 pCi/L**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 135668**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229335 381600869-0007	Classroom 13	2.2	1/29/2016 2:10:00 PM	2/1/2016 6:06:00 AM	65	40	Customer

**Sample Notes:**

229333 381600869-0008	Classroom 13	2.1	1/29/2016 2:11:00 PM	2/1/2016 6:07:00 AM	65	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 135668** **Average Radon Result: 2.2 pCi/L**

**Samples for EMSL Kit 135665**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229393 381600869-0009	Classroom 15	1.1	1/29/2016 2:12:00 PM	2/1/2016 6:08:00 AM	65	40	Customer

**Sample Notes:**

229289 381600869-0010	Classroom 15	1	1/29/2016 2:13:00 PM	2/1/2016 6:09:00 AM	65	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 135665** **Average Radon Result: 1.0 pCi/L**

**Samples for EMSL Kit 135672**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229323 381600869-0011	Classroom 11	0.9	1/29/2016 2:14:00 PM	2/1/2016 6:10:00 AM	65	40	Customer

**Sample Notes:**

229290 381600869-0012	Classroom 11	0.7	1/29/2016 2:15:00 PM	2/1/2016 6:11:00 AM	65	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 135672** **Average Radon Result: 0.8 pCi/L**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 135094**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229088	Classroom 12	1	1/29/2016	2/1/2016	65	40	Customer
381600869-0013			2:16:00 PM	6:12:00 AM			

**Sample Notes:**

229041	Classroom 12	0.9	1/29/2016	2/1/2016	65	40	Customer
381600869-0014			2:17:00 PM	6:13:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 135094** **Average Radon Result: 0.9 pCi/L**

**Samples for EMSL Kit 135650**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229349	Main office	0.9	1/29/2016	2/1/2016	65	40	Customer
381600869-0015			2:18:00 PM	6:14:00 AM			

**Sample Notes:**

229338	Main office	1	1/29/2016	2/1/2016	65	40	Customer
381600869-0016			2:19:00 PM	6:15:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 135650** **Average Radon Result: 0.9 pCi/L**

**Samples for EMSL Kit 136096**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229200	Classroom 9	1.6	1/29/2016	2/1/2016	65	40	Customer
381600869-0017			2:20:00 PM	6:16:00 AM			

**Sample Notes:**

229043	Classroom 9	1.7	1/29/2016	2/1/2016	65	40	Customer
381600869-0018			2:21:00 PM	6:18:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136096** **Average Radon Result: 1.7 pCi/L**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 135641**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229456	Classroom 6	2	1/29/2016	2/1/2016	65	40	Customer
381600869-0019			2:22:00 PM	6:19:00 AM			

**Sample Notes:**

229355	Classroom 6	1.9	1/29/2016	2/1/2016	65	40	Customer
381600869-0020			2:23:00 PM	6:20:00 AM			

**Sample Notes:****Summary for EMSL Kit 135641 Average Radon Result: 2.0 pCi/L****Samples for EMSL Kit 135636**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229472	Media center	1.3	1/29/2016	2/1/2016	65	40	Customer
381600869-0021			2:25:00 PM	6:21:00 AM			

**Sample Notes:**

229359	Media center	1.4	1/29/2016	2/1/2016	65	40	Customer
381600869-0022			2:26:00 PM	6:22:00 AM			

**Sample Notes:****Summary for EMSL Kit 135636 Average Radon Result: 1.3 pCi/L****Samples for EMSL Kit 136006**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229539	Multi-purpose room	0.5	1/29/2016	2/1/2016	65	40	Customer
381600869-0023			2:27:00 PM	6:23:00 AM			

**Sample Notes:**

229521	Multi-purpose room	0.6	1/29/2016	2/1/2016	65	40	Customer
381600869-0024			2:28:00 PM	6:24:00 AM			

**Sample Notes:****Summary for EMSL Kit 136006 Average Radon Result: 0.6 pCi/L**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 135634**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229392 381600869-0025	Classroom 8 near classroom 6	1	1/29/2016 2:29:00 PM	2/1/2016 6:25:00 AM	65	40	Customer

**Sample Notes:**

229356 381600869-0026	Classroom 8 near classroom 6		1/29/2016 2:30:00 PM	2/1/2016 6:26:00 AM	65	40	Customer
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**Sample Notes:** Not Analyzed  
 Device received open; unable to analyze.

**Summary for EMSL Kit 135634** Average Radon Result: **0.5 pCi/L**

**Samples for EMSL Kit 136095**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229145 381600869-0027	Office next to classroom 21		1/29/2016 2:31:00 PM	2/1/2016 6:27:00 AM	65	40	Customer

**Sample Notes:** Not Analyzed  
 Device received open; unable to analyze.

229101 381600869-0028	Office next to classroom 21		1/29/2016 2:32:00 PM	2/1/2016 6:28:00 AM	65	40	Customer
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**Sample Notes:** Not Analyzed  
 Device received open; unable to analyze.

**Summary for EMSL Kit 136095** Average Radon Result: **0.0 pCi/L**

**Samples for EMSL Kit 136097**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229111 381600869-0029	Classroom 4	1.5	1/29/2016 2:33:00 PM	2/1/2016 6:29:00 AM	65	40	Customer

**Sample Notes:**

229074 381600869-0030	Classroom 4	1.1	1/29/2016 2:34:00 PM	2/1/2016 6:30:00 AM	65	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 136097** Average Radon Result: **1.3 pCi/L**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 136107**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
230100 381600869-0031	Classroom 26 music	0.7	1/29/2016 2:35:00 PM	2/1/2016 6:31:00 AM	65	40	Customer

**Sample Notes:**

229411 381600869-0032	Classroom 26 music	0.7	1/29/2016 2:36:00 PM	2/1/2016 6:32:00 AM	65	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 136107** **Average Radon Result: 0.7 pCi/L**

**Samples for EMSL Kit 136093**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229207 381600869-0033	Classroom 22	0.8	1/29/2016 2:37:00 PM	2/1/2016 6:33:00 AM	65	40	Customer

**Sample Notes:**

229093 381600869-0034	Classroom 22	1	1/29/2016 2:38:00 PM	2/1/2016 6:34:00 AM	65	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 136093** **Average Radon Result: 0.9 pCi/L**

**Samples for EMSL Kit 136066**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229206 381600869-0035	Health room	0.8	1/29/2016 2:39:00 PM	2/1/2016 6:35:00 AM	65	40	Customer

**Sample Notes:**

229221 381600869-0036	Health room	0.8	1/29/2016 2:40:00 PM	2/1/2016 6:36:00 AM	65	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 136066** **Average Radon Result: 0.8 pCi/L**

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**



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**Test Report: Radon in Air Test Results**

Analyst(s)

Tiffanie Cosgrove (33)

*Laura Freeman* *Subash Rashat*

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

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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 02/09/2016 16:35:28

Please visit [www.radontestinglab.com](http://www.radontestinglab.com)