

**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: 381602454  
 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: 03/16/16 11:17 AM  
 Analysis Date: 3/17/2016  
 Collected: 3/11/2016

Project: **Brandywine ES**

Test Site: **Brandywine ES**  
**Brandywine, MD 20613**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 141668**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239469 381602454-0001	Main office	0.6	3/11/2016 6:17:00 PM	3/14/2016 6:08:00 AM	70	50	Customer

**Sample Notes:**

239858 381602454-0002	Main office	0.5	3/11/2016 6:17:00 PM	3/14/2016 6:08:00 AM	70	50	Duplicate
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**Sample Notes:**

**Duplicate RPD = 18.2%**

**Samples for EMSL Kit 141669**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239521 381602454-0003	Room 7	0.5	3/11/2016 6:20:00 PM	3/14/2016 6:07:00 AM	70	50	Customer

**Sample Notes:****Samples for EMSL Kit 141672**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239443 381602454-0004	Room 8	0.3	3/11/2016 6:21:00 PM	3/14/2016 6:09:00 AM	70	50	Customer

**Sample Notes:**

239582 381602454-0005	Room 8	0.4	3/11/2016 6:21:00 PM	3/14/2016 6:09:00 AM	70	50	Duplicate
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**Sample Notes:**

**Duplicate RPD = 28.6%**

**Samples for EMSL Kit 141670**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239533 381602454-0006	Room 12	0.2	3/11/2016 6:23:00 PM	3/14/2016 6:11:00 AM	70	50	Customer

**Sample Notes:**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 141671**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239538	Media center	0.7	3/11/2016	3/14/2016	70	50	Customer
381602454-0007			6:24:00 PM	6:13:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 141677**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239484	ESOL room	0.5	3/11/2016	3/14/2016	70	50	Customer
381602454-0008			6:25:00 PM	6:15:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 141676**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239525	Room 18	0.3	3/11/2016	3/14/2016	70	50	Customer
381602454-0009			6:28:00 PM	6:17:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 141675**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239445	Room 25	0.2	3/11/2016	3/14/2016	70	50	Customer
381602454-0010			6:29:00 PM	6:18:00 AM			

**Sample Notes:**

239779	Room 25	0.1	3/11/2016	3/14/2016	70	50	Blank
381602454-0011			6:29:00 PM	6:18:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 141674**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239475	Room 19	0.2	3/11/2016	3/14/2016	70	50	Customer
381602454-0012			6:31:00 PM	6:19:00 AM			

**Sample Notes:**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 141673**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239528	Teacher Lounge	0.6	3/11/2016	3/14/2016	70	50	Customer
381602454-0013			6:33:00 PM	6:21:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 141678**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239531	Room 15	0.3	3/11/2016	3/14/2016	70	50	Customer
381602454-0014			6:34:00 PM	6:23:00 AM			

**Sample Notes:**

239467	Room 15	0.1	3/11/2016	3/14/2016	70	50	Duplicate
381602454-0015			6:34:00 PM	6:23:00 AM			

**Sample Notes:**

**Duplicate RPD = 100%**

**Samples for EMSL Kit 141667**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239534	Mrs. N. Harris room	0.3	3/11/2016	3/14/2016	70	50	Customer
381602454-0016			6:36:00 PM	6:25:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 141689**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239491	Music room	0.2	3/11/2016	3/14/2016	70	50	Customer
381602454-0017			6:37:00 PM	6:28:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 141690**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239504	Headstart-Mrs. Bullen/Ms. Hamilton	0.7	3/11/2016	3/14/2016	70	50	Customer
381602454-0018			6:39:00 PM	6:30:00 AM			

**Sample Notes:**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 141683**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239515	Room 4	0.7	3/11/2016	3/14/2016	70	50	Customer
381602454-0019			6:41:00 PM	6:31:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 141688**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239489	Room 2	0.6	3/11/2016	3/14/2016	70	50	Customer
381602454-0020			6:43:00 PM	6:36:00 AM			

**Sample Notes:**

239560	Room 2	0.8	3/11/2016	3/14/2016	70	50	Duplicate
381602454-0021			6:43:00 PM	6:36:00 AM			

**Sample Notes:**

**Duplicate RPD = 28.6%**

**Samples for EMSL Kit 141682**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239565	Room 1	0.6	3/11/2016	3/14/2016	70	50	Customer
381602454-0022			6:45:00 PM	6:39:00 AM			

**Sample Notes:**

239512	Room 1	0.7	3/11/2016	3/14/2016	70	50	Duplicate
381602454-0023			6:45:00 PM	6:39:00 AM			

**Sample Notes:**

**Duplicate RPD = 15.4%**

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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Analyst(s)

Tiffanie Cosgrove (23)

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 03/23/2016 15:09:19

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