

**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: 381601838  
 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: 03/03/16 11:42 AM  
 Analysis Date: 3/4/2016  
 Collected: 2/26/2016

Project: **Columbia Park ES**

**Columbia Park ES**

### Test Report: Radon in Air Test Results

**Samples for EMSL Kit 139462**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235292	Main Office	1.1	2/26/2016	2/29/2016	70	50	Customer
381601838-0001			3:30:00 PM	8:00:00 AM			

**Sample Notes:**

235321	Main Office	1	2/26/2016	2/29/2016	70	50	Duplicate
381601838-0002			3:30:00 PM	8:00:00 AM			

**Sample Notes:**

**Duplicate RPD = 9.5%**

**Samples for EMSL Kit 139463**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235187	Room 2	0.2	2/26/2016	2/29/2016	70	50	Customer
381601838-0003			3:32:00 PM	8:01:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 139464**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235208	Room 3	0.2	2/26/2016	2/29/2016	70	50	Customer
381601838-0004			3:33:00 PM	8:03:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 139465**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234539	Room 5	0.2	2/26/2016	2/29/2016	70	50	Customer
381601838-0005			3:34:00 PM	8:04:00 AM			

**Sample Notes:**

235279	Room 5	0	2/26/2016	2/29/2016	70	50	Blank
381601838-0006			3:34:00 PM	8:04:00 AM			

**Sample Notes:**

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### Test Report: Radon in Air Test Results

**Samples for EMSL Kit 139466**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235152	Room 6	0.2	2/26/2016	2/29/2016	70	50	Customer
381601838-0007			3:35:00 PM	8:05:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 139583**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235171	Room 10	0.1	2/26/2016	2/29/2016	70	50	Customer
381601838-0008			3:38:00 PM	8:06:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 139582**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234518	Room 11	0.2	2/26/2016	2/29/2016	70	50	Customer
381601838-0009			3:40:00 PM	8:07:00 AM			

**Sample Notes:**

235302	Room 11	0.2	2/26/2016	2/29/2016	70	50	Duplicate
381601838-0010			3:40:00 PM	8:07:00 AM			

**Sample Notes:**

**Duplicate RPD = 0%**

**Samples for EMSL Kit 139467**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235253	Room 14	0	2/26/2016	2/29/2016	70	50	Customer
381601838-0011			3:41:00 PM	8:08:00 AM			

**Sample Notes:**

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**Samples for EMSL Kit 139468**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235188	Room 16	0.2	2/26/2016	2/29/2016	70	50	Customer
381601838-0012			3:44:00 PM	8:10:00 AM			

**Sample Notes:**

235192	Room 16	0.1	2/26/2016	2/29/2016	70	50	Duplicate
381601838-0013			3:44:00 PM	8:10:00 AM			

**Sample Notes:**

**Duplicate RPD = 66.7%**

**Samples for EMSL Kit 139469**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235167	Room 18	0.2	2/26/2016	2/29/2016	70	50	Customer
381601838-0014			3:45:00 PM	8:13:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 139586**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235127	Room 19	0.2	2/26/2016	2/29/2016	70	50	Customer
381601838-0015			3:46:00 PM	8:15:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 139590**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235161	Mod 2	0.2	2/26/2016	2/29/2016	70	50	Customer
381601838-0016			3:48:00 PM	8:16:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 139589**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234517	Mod 1	0.1	2/26/2016	2/29/2016	70	50	Customer
381601838-0017			3:51:00 PM	8:17:00 AM			

**Sample Notes:**

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**Samples for EMSL Kit 139588**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234506 381601838-0018	Mod 3	0.2	2/26/2016 3:54:00 PM	2/29/2016 8:18:00 AM	70	50	Customer

**Sample Notes:**

235431 381601838-0019	Mod 3	0.2	2/26/2016 3:54:00 PM	2/29/2016 8:18:00 AM	70	50	Duplicate
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**Sample Notes:**

**Duplicate RPD = 0%**

**Samples for EMSL Kit 139587**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234557 381601838-0020	Mod 4	0.2	2/26/2016 3:55:00 PM	2/29/2016 8:19:00 AM	70	50	Customer

**Sample Notes:**

**Samples for EMSL Kit 139591**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235263 381601838-0021	Room 22	0.2	2/26/2016 3:57:00 PM	2/29/2016 8:11:00 AM	70	50	Customer

**Sample Notes:**

**Samples for EMSL Kit 139592**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235317 381601838-0022	Room 24	0.2	2/26/2016 3:58:00 PM	2/29/2016 8:12:00 AM	70	50	Customer

**Sample Notes:**

235269 381601838-0023	Room 24	0.2	2/26/2016 3:58:00 PM	2/29/2016 8:12:00 AM	70	50	Duplicate
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**Sample Notes:**

**Duplicate RPD = 0%**



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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, 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 03/08/2016 08:50:49

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