

**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: 381604071  
 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: 04/21/16 11:40 AM  
 Analysis Date: 4/23/2016  
 Collected: 4/15/2016

Project: **Monpelier ES**

Test Site: **Monpelier ES**  
**9200 Muirkirk Rd**  
**Laurel, MD 20708**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 144020**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242887	Kitchen	0.3	4/15/2016	4/18/2016	70	50	Customer
381604071-0001			6:40:00 PM	9:10:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 144033**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243022	Main Office	0.3	4/15/2016	4/18/2016	70	50	Customer
381604071-0002			6:42:00 PM	9:12:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 144021**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242884	SE Rm		4/15/2016	4/18/2016	70	50	Customer
381604071-0003			6:45:00 PM	9:14:00 AM			

**Sample Notes:** Not Analyzed  
 Kit not received by lab.

**Samples for EMSL Kit 144037**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243076	301	0.1	4/15/2016	4/18/2016	70	50	Customer
381604071-0004			6:50:00 PM	9:14:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 143990**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242889	302	0.1	4/15/2016	4/18/2016	70	50	Customer
381604071-0005			6:53:00 PM	9:15:00 AM			

**Sample Notes:**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 144032**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242894	305	0.1	4/15/2016	4/18/2016	70	50	Customer
381604071-0006			6:55:00 PM	9:20:00 AM			

**Sample Notes:**

243720	305	0.3	4/15/2016	4/18/2016	70	50	Duplicate
381604071-0007			6:55:00 PM	9:20:00 AM			

**Sample Notes:****Duplicate RPD = 100%****Samples for EMSL Kit 144035**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242890	306	0.2	4/15/2016	4/18/2016	70	50	Customer
381604071-0008			7:00:00 PM	9:24:00 AM			

**Sample Notes:**

243696	306	-0.2	4/15/2016	4/18/2016	70	50	Blank
381604071-0009			7:00:00 PM	9:24:00 AM			

**Sample Notes:****Samples for EMSL Kit 144009**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242926	309		4/15/2016	4/18/2016	70	50	Customer
381604071-0010			7:04:00 PM	9:25:00 AM			

**Sample Notes:** Not Analyzed  
 Device received open by lab.

**Samples for EMSL Kit 144022**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242993	310	0.1	4/15/2016	4/18/2016	70	50	Customer
381604071-0011			7:08:00 PM	9:26:00 AM			

**Sample Notes:**

243762	310	0.1	4/15/2016	4/18/2016	70	50	Duplicate
381604071-0012			7:08:00 PM	9:26:00 AM			

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

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 143998**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242991	403	0.3	4/15/2016	4/18/2016	70	50	Customer
381604071-0013			7:10:00 PM	9:28:00 AM			

**Sample Notes:**

243745	403	0.1	4/15/2016	4/18/2016	70	50	Duplicate
381604071-0014			7:10:00 PM	9:28:00 AM			

**Sample Notes:****Duplicate RPD = 100%****Samples for EMSL Kit 143977**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243032	404	0	4/15/2016	4/18/2016	70	50	Customer
381604071-0015			7:13:00 PM	9:28:00 AM			

**Sample Notes:****Samples for EMSL Kit 143976**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243063	408	0.2	4/15/2016	4/18/2016	70	50	Customer
381604071-0016			7:16:00 PM	9:31:00 AM			

**Sample Notes:****Samples for EMSL Kit 143975**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243016	407	0.3	4/15/2016	4/18/2016	70	50	Customer
381604071-0017			7:21:00 PM	9:34:00 AM			

**Sample Notes:**

243637	407	-0.1	4/15/2016	4/18/2016	70	50	Blank
381604071-0018			7:21:00 PM	9:34:00 AM			

**Sample Notes:**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 143978**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243188	209	0.5	4/15/2016	4/18/2016	70	50	Customer
381604071-0019			7:24:00 PM	9:35:00 AM			

**Sample Notes:**

243752	209	0.3	4/15/2016	4/18/2016	70	50	Duplicate
381604071-0020			7:24:00 PM	9:35:00 AM			

**Sample Notes:**

**Duplicate RPD = 50%**

**Samples for EMSL Kit 143999**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242880	210	1.1	4/15/2016	4/18/2016	70	50	Customer
381604071-0021			7:29:00 PM	9:37:00 AM			

**Sample Notes:****Samples for EMSL Kit 144026**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242983	205	0.2	4/15/2016	4/18/2016	70	50	Customer
381604071-0022			7:33:00 PM	9:40:00 AM			

**Sample Notes:****Samples for EMSL Kit 143981**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242881	202	0.4	4/15/2016	4/18/2016	70	50	Customer
381604071-0023			7:38:00 PM	9:43:00 AM			

**Sample Notes:****Samples for EMSL Kit 143980**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242950	201	0.4	4/15/2016	4/18/2016	70	50	Customer
381604071-0024			7:45:00 PM	9:45:00 AM			

**Sample Notes:**



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## Test Report: Radon in Air Test Results

### Samples for EMSL Kit 143979

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242980	SS Rm	0.1	4/15/2016	4/18/2016	70	50	Customer
381604071-0025			7:49:00 PM	9:49:00 AM			

Sample Notes:

### Samples for EMSL Kit 144027

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243169	206	0.8	4/15/2016	4/18/2016	70	50	Customer
381604071-0026			7:53:00 PM	9:51:00 AM			

Sample Notes:

### Samples for EMSL Kit 144010

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242921	K-102	0.3	4/15/2016	4/18/2016	70	50	Customer
381604071-0027			7:57:00 PM	9:53:00 AM			

Sample Notes:

### Samples for EMSL Kit 144023

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242898	K-101	0.6	4/15/2016	4/18/2016	70	50	Customer
381604071-0028			8:00:00 PM	9:55:00 AM			

Sample Notes:

### Samples for EMSL Kit 144024

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242895	Lounge	0.3	4/15/2016	4/18/2016	70	50	Customer
381604071-0029			8:03:00 PM	9:57:00 AM			

Sample Notes:

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 144028**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243056	104	0.1	4/15/2016	4/18/2016	70	50	Customer
381604071-0030			8:07:00 PM	9:58:00 AM			

**Sample Notes:**

243734	104	0.2	4/15/2016	4/18/2016	70	50	Duplicate
381604071-0031			8:07:00 PM	9:58:00 AM			

**Sample Notes:**

**Duplicate RPD = 66.7%**

**Samples for EMSL Kit 144025**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243021	Media	0.2	4/15/2016	4/18/2016	70	50	Customer
381604071-0032			8:10:00 PM	10:00:00 AM			

**Sample Notes:**

243698	Media	-0.1	4/15/2016	4/18/2016	70	50	Blank
381604071-0033			8:10:00 PM	10:00:00 AM			

**Sample Notes:**

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 (31)

*Laura Freeman Peixue Ma*

Laura Freeman, Radon Laboratory Manager &  
Peixue Ma, Ph.D, NJ Radon Measurement Specialist NJ MES  
13502

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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.

Initial report from 04/29/2016 09:47:32

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