

**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: 381601788
 CustomerID: PGCS62
 CustomerPO: 608048
 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: 03/01/16 11:41 AM
 Analysis Date: 3/3/2016
 Collected: 2/26/2016

Project: **Longfields ES**

Test Site: **Longfields ES**
Forestville, MD 20747

Test Report: Radon in Air Test Results**Samples for EMSL Kit 139470**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235214	4	0.7	2/26/2016	2/29/2016	70	50	Customer
381601788-0001			5:55:00 PM	6:10:00 AM			

Sample Notes:

Samples for EMSL Kit 139471

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235142	5	0.7	2/26/2016	2/29/2016	70	50	Customer
381601788-0002			5:56:00 PM	6:10:00 AM			

Sample Notes:

Samples for EMSL Kit 139496

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235124	2	0.2	2/26/2016	2/29/2016	70	50	Customer
381601788-0003			5:57:00 PM	6:11:00 AM			

Sample Notes:

Samples for EMSL Kit 139497

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235251	Main Office	0.5	2/26/2016	2/29/2016	70	50	Customer
381601788-0004			5:58:00 PM	6:12:00 AM			

Sample Notes:

Samples for EMSL Kit 139472

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235141	13	1.9	2/26/2016	2/29/2016	70	50	Customer
381601788-0005			6:00:00 PM	6:13:00 AM			

Sample Notes:

235484	13	2	2/26/2016	2/29/2016	70	50	Duplicate
381601788-0006			6:00:00 PM	6:13:00 AM			

Sample Notes:

Duplicate RPD = 5.1%

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Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234553	15	2	2/26/2016	2/29/2016	70	50	Customer
381601788-0007			6:01:00 PM	6:14:00 AM			

Sample Notes:**Samples for EMSL Kit 139499**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235232	17	0.2	2/26/2016	2/29/2016	70	50	Customer
381601788-0008			6:02:00 PM	6:15:00 AM			

Sample Notes:**Samples for EMSL Kit 139493**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235294	19		2/26/2016	2/29/2016	70	50	Customer
381601788-0009			6:03:00 PM	6:16:00 AM			

Sample Notes: Not Analyzed
Not Received**Samples for EMSL Kit 139483**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235237	21	0.2	2/26/2016	2/29/2016	70	50	Customer
381601788-0010			6:04:00 PM	6:17:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 139492**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235242	23	2.4	2/26/2016	2/29/2016	70	50	Customer
381601788-0011			6:05:00 PM	6:18:00 AM			

Sample Notes:

235183	23	2.7	2/26/2016	2/29/2016	70	50	Duplicate
381601788-0012			6:05:00 PM	6:18:00 AM			

Sample Notes:

Duplicate RPD = 11.8%

Samples for EMSL Kit 139489

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235479	Reading Room	0.2	2/26/2016	2/29/2016	70	50	Customer
381601788-0013			6:07:00 PM	6:19:00 AM			

Sample Notes:**Samples for EMSL Kit 139491**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235182	10	0.1	2/26/2016	2/29/2016	70	50	Customer
381601788-0014			6:08:00 PM	6:20:00 AM			

Sample Notes:**Samples for EMSL Kit 139485**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235310	8	0.6	2/26/2016	2/29/2016	70	50	Customer
381601788-0015			6:10:00 PM	6:21:00 AM			

Sample Notes:

233992	8	-0.1	2/26/2016	2/29/2016	70	50	Blank
381601788-0016			6:10:00 PM	6:21:00 AM			

Sample Notes:

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Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235144	6	0.5	2/26/2016	2/29/2016	70	50	Customer
381601788-0017			6:12:00 PM	6:22:00 AM			

Sample Notes:

Samples for EMSL Kit 139487

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235126	6-A	0.9	2/26/2016	2/29/2016	70	50	Customer
381601788-0018			6:14:00 PM	6:23:00 AM			

Sample Notes:

Samples for EMSL Kit 139484

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235196	11	1	2/26/2016	2/29/2016	70	50	Customer
381601788-0019			6:15:00 PM	6:24:00 AM			

Sample Notes:

Samples for EMSL Kit 139488

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235384	Tag Coordinator	1.6	2/26/2016	2/29/2016	70	50	Customer
381601788-0020			6:16:00 PM	6:25:00 AM			

Sample Notes:

235512	Tag Coordinator	1.3	2/26/2016	2/29/2016	70	50	Duplicate
381601788-0021			6:16:00 PM	6:25:00 AM			

Sample Notes:

Duplicate RPD = 20.7%

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 (20)



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 03/10/2016 12:47:37

Please visit www.radontestinglab.com