

**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: 381603613  
 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: 04/13/16 12:10 PM  
 Analysis Date: 4/14/2016  
 Collected: 4/8/2016

Project: **Cora L. Rice ES**

Test Site: **Cora L Rice ES**  
**Landover, MD 20785**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 144128**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242855	G-101	2.4	4/8/2016	4/11/2016	70	50	Customer
381603613-0001			2:05:00 PM	6:30:00 AM			

**Sample Notes:**

243724	G-101	2.2	4/8/2016	4/11/2016	70	50	Duplicate
381603613-0002			2:05:00 PM	6:30:00 AM			

**Sample Notes:**

**Duplicate RPD = 8.7%**

**Samples for EMSL Kit 143971**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242997	G-103	1.5	4/8/2016	4/11/2016	70	50	Customer
381603613-0003			2:08:00 PM	6:32:00 AM			

**Sample Notes:****Samples for EMSL Kit 144150**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242875	G-103	1.2	4/8/2016	4/11/2016	70	50	Customer
381603613-0004			2:12:00 PM	6:34:00 AM			

**Sample Notes:****Samples for EMSL Kit 144120**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242961	G-111	1.4	4/8/2016	4/11/2016	70	50	Customer
381603613-0005			2:15:00 PM	6:36:00 AM			

**Sample Notes:****Samples for EMSL Kit 144154**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242828	G-110	0.8	4/8/2016	4/11/2016	70	50	Customer
381603613-0006			2:18:00 PM	6:38:00 AM			

**Sample Notes:**

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**Test Report: Radon in Air Test Results****Samples for EMSL Kit 143967**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242901	G-103A	0.8	4/8/2016	4/11/2016	70	50	Customer
381603613-0007			2:21:00 PM	6:40:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 144151**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242879	G-104	1.1	4/8/2016	4/11/2016	70	50	Customer
381603613-0008			2:24:00 PM	6:42:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 144121**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242809	G-109	1.4	4/8/2016	4/11/2016	70	50	Customer
381603613-0009			2:30:00 PM	6:44:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 144049**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242984	G-108	2.7	4/8/2016	4/11/2016	70	50	Customer
381603613-0010			2:33:00 PM	6:46:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 144129**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242909	G-105	1.2	4/8/2016	4/11/2016	70	50	Customer
381603613-0011			2:36:00 PM	6:48:00 AM			

**Sample Notes:**

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**Landover, MD 20785**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 144152**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242962	G-106	1	4/8/2016	4/11/2016	70	50	Customer
381603613-0012			2:39:00 PM	6:50:00 AM			

**Sample Notes:**

243763	G-106	1	4/8/2016	4/11/2016	70	50	Duplicate
381603613-0013			2:39:00 PM	6:50:00 AM			

**Sample Notes:****Duplicate RPD = 0%****Samples for EMSL Kit 144139**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242839	G-107	1.1	4/8/2016	4/11/2016	70	50	Customer
381603613-0014			2:42:00 PM	6:52:00 AM			

**Sample Notes:****Samples for EMSL Kit 144141**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242972	K-101	0.4	4/8/2016	4/11/2016	70	50	Customer
381603613-0015			2:45:00 PM	6:54:00 AM			

**Sample Notes:****Samples for EMSL Kit 144130**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242891	K-102	0.5	4/8/2016	4/11/2016	70	50	Customer
381603613-0016			2:47:00 PM	6:56:00 AM			

**Sample Notes:****Samples for EMSL Kit 144143**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242837	K-103	0.4	4/8/2016	4/11/2016	70	50	Customer
381603613-0017			2:50:00 PM	6:58:00 AM			

**Sample Notes:**

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Project: **Cora L. Rice ES**

Test Site: **Cora L Rice ES**  
**Landover, MD 20785**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 144132**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242902	K-104	0.5	4/8/2016	4/11/2016	70	50	Customer
381603613-0018			2:53:00 PM	7:00:00 AM			

**Sample Notes:**

243050	K-104	0.4	4/8/2016	4/11/2016	70	50	Duplicate
381603613-0019			2:53:00 PM	7:00:00 AM			

**Sample Notes:**

**Duplicate RPD = 22.2%**

**Samples for EMSL Kit 144140**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242932	K-105	0.6	4/8/2016	4/11/2016	70	50	Customer
381603613-0020			2:55:00 PM	7:02:00 AM			

**Sample Notes:****Samples for EMSL Kit 144142**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242864	K-106	0.5	4/8/2016	4/11/2016	70	50	Customer
381603613-0021			2:57:00 PM	7:04:00 AM			

**Sample Notes:**

243728	K-106	0.5	4/8/2016	4/11/2016	70	50	Duplicate
381603613-0022			2:57:00 PM	7:04:00 AM			

**Sample Notes:**

**Duplicate RPD = 0%**

**Samples for EMSL Kit 144153**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242801	K-112	1	4/8/2016	4/11/2016	70	50	Customer
381603613-0023			3:00:00 PM	7:06:00 AM			

**Sample Notes:**

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Project: **Cora L. Rice ES**

Test Site: **Cora L Rice ES**  
**Landover, MD 20785**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 144131**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242850	K-111	0.7	4/8/2016	4/11/2016	70	50	Customer
381603613-0024			3:04:00 PM	7:08:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 144062**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242923	K-110	0.9	4/8/2016	4/11/2016	70	50	Customer
381603613-0025			3:07:00 PM	7:10:00 AM			

**Sample Notes:**

243730	K-110	0.9	4/8/2016	4/11/2016	70	50	Duplicate
381603613-0026			3:07:00 PM	7:10:00 AM			

**Sample Notes:**

**Duplicate RPD = 0%**

**Samples for EMSL Kit 143968**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243140	I-101	0.8	4/8/2016	4/11/2016	70	50	Customer
381603613-0027			3:10:00 PM	7:12:00 AM			

**Sample Notes:**

243080	I-101	0.9	4/8/2016	4/11/2016	70	50	Duplicate
381603613-0028			3:10:00 PM	7:12:00 AM			

**Sample Notes:**

**Duplicate RPD = 11.8%**

**Samples for EMSL Kit 144045**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243208	H-105	1.2	4/8/2016	4/11/2016	70	50	Customer
381603613-0029			3:12:00 PM	7:14:00 AM			

**Sample Notes:**

243635	H-105	0.1	4/8/2016	4/11/2016	70	50	Blank
381603613-0030			3:12:00 PM	7:14:00 AM			

**Sample Notes:**

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Project: **Cora L. Rice ES**

Test Site: **Cora L Rice ES**  
**Landover, MD 20785**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 143972**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243127	H-104	2	4/8/2016	4/11/2016	70	50	Customer
381603613-0031			3:15:00 PM	7:16:00 AM			

**Sample Notes:**

243776	H-104	0.1	4/8/2016	4/11/2016	70	50	Duplicate
381603613-0032			3:15:00 PM	7:16:00 AM			

**Sample Notes:****Duplicate RPD = 181%****Samples for EMSL Kit 144057**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243172	H-103	2.4	4/8/2016	4/11/2016	70	50	Customer
381603613-0033			3:18:00 PM	7:18:00 AM			

**Sample Notes:****Samples for EMSL Kit 143970**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243100	H-102	2	4/8/2016	4/11/2016	70	50	Customer
381603613-0034			3:21:00 PM	7:20:00 AM			

**Sample Notes:****Samples for EMSL Kit 144046**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242979	H-101	2.3	4/8/2016	4/11/2016	70	50	Customer
381603613-0035			3:24:00 PM	7:22:00 AM			

**Sample Notes:****Samples for EMSL Kit 143969**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243011	Main Office	2.7	4/8/2016	4/11/2016	70	50	Customer
381603613-0036			3:27:00 PM	7:24:00 AM			

**Sample Notes:**

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

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)

*Tiffanie Cosgrove (36)*

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 04/20/2016 13:43:58

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