

**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: 381600287  
 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: 01/12/16 12:49 PM  
 Analysis Date: 1/13/2016  
 Collected: 1/8/2016

Project: **Glen Ridge Elementary School**

**Glen Ridge Elementary School**

### Test Report: Radon in Air Test Results

**Samples for EMSL Kit 136010**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229247	Room 101	0.3	1/8/2016	1/11/2016	60	50	Customer
381600287-0001			1:59:00 PM	7:44:00 AM			

**Sample Notes:**

229224	Room 101	0.3	1/8/2016	1/11/2016	60	50	Customer
381600287-0002			1:59:00 PM	7:44:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136010**      **Average Radon Result: 0.3 pCi/L**

**Samples for EMSL Kit 136044**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229204	Child care lobby	0.6	1/8/2016	1/11/2016	60	50	Customer
381600287-0003			2:01:00 PM	7:45:00 AM			

**Sample Notes:**

229651	Child care lobby	0.7	1/8/2016	1/11/2016	60	50	Customer
381600287-0004			2:01:00 PM	7:45:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136044**      **Average Radon Result: 0.6 pCi/L**

**Samples for EMSL Kit 136041**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229508	Room 103	0.2	1/8/2016	1/11/2016	60	50	Customer
381600287-0005			2:03:00 PM	7:46:00 AM			

**Sample Notes:**

229637	Room 103	0.1	1/8/2016	1/11/2016	60	50	Customer
381600287-0006			2:03:00 PM	7:46:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136041**      **Average Radon Result: 0.2 pCi/L**

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Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229568 381600287-0007	Room C across from stairwell #2	0.3	1/8/2016 2:11:00 PM	1/11/2016 7:47:00 AM	60	50	Customer

**Sample Notes:**

229612 381600287-0008	Room C	0.1	1/8/2016 2:11:00 PM	1/11/2016 7:47:00 AM	60	50	Customer
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**Sample Notes:****Summary for EMSL Kit 136043      Average Radon Result: 0.2 pCi/L****Samples for EMSL Kit 136022**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229625 381600287-0009	Kitchenette across from play area	0.3	1/8/2016 2:12:00 PM	1/11/2016 7:48:00 AM	60	50	Customer

**Sample Notes:**

229595 381600287-0010	Kitchenette across from play area	0.3	1/8/2016 2:12:00 PM	1/11/2016 7:48:00 AM	60	50	Customer
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**Sample Notes:****Summary for EMSL Kit 136022      Average Radon Result: 0.3 pCi/L****Samples for EMSL Kit 136011**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229664 381600287-0011	Room 106	0.4	1/8/2016 2:14:00 PM	1/11/2016 7:49:00 AM	60	50	Customer

**Sample Notes:**

229761 381600287-0012	Room 106	0.4	1/8/2016 2:14:00 PM	1/11/2016 7:49:00 AM	60	50	Customer
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**Sample Notes:****Summary for EMSL Kit 136011      Average Radon Result: 0.4 pCi/L**

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Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229555	Cafeteria kitchen	0.4	1/8/2016	1/11/2016	60	50	Customer
381600287-0013			2:16:00 PM	7:50:00 AM			

**Sample Notes:**

229563	Cafeteria kitchen	0.4	1/8/2016	1/11/2016	60	50	Customer
381600287-0014			2:16:00 PM	7:50:00 AM			

**Sample Notes:****Summary for EMSL Kit 136032 Average Radon Result: 0.4 pCi/L****Samples for EMSL Kit 136033**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229543	Teacher's lounge	0.4	1/8/2016	1/11/2016	60	50	Customer
381600287-0015			2:18:00 PM	7:51:00 AM			

**Sample Notes:**

229630	Teacher's lounge	0.5	1/8/2016	1/11/2016	60	50	Customer
381600287-0016			2:18:00 PM	7:51:00 AM			

**Sample Notes:****Summary for EMSL Kit 136033 Average Radon Result: 0.4 pCi/L****Samples for EMSL Kit 136021**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229586	Room 107	0.05	1/8/2016	1/11/2016	60	50	Customer
381600287-0017			2:20:00 PM	7:53:00 AM			

**Sample Notes:**

229655	Room 107	0.05	1/8/2016	1/11/2016	60	50	Customer
381600287-0018			2:20:00 PM	7:53:00 AM			

**Sample Notes:****Summary for EMSL Kit 136021 Average Radon Result: 0.1 pCi/L**

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**Samples for EMSL Kit 136042**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229570	Room 117	3.7	1/8/2016	1/11/2016	60	50	Customer
381600287-0019			2:22:00 PM	7:53:00 AM			

**Sample Notes:**

229517	Room 117	3.7	1/8/2016	1/11/2016	60	50	Customer
381600287-0020			2:22:00 PM	7:53:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136042**      **Average Radon Result: 3.7 pCi/L**

**Samples for EMSL Kit 136028**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229541	Room 108	0.3	1/8/2016	1/11/2016	60	50	Customer
381600287-0021			2:25:00 PM	7:55:00 AM			

**Sample Notes:**

229523	Room 108	0.2	1/8/2016	1/11/2016	60	50	Customer
381600287-0022			2:25:00 PM	7:55:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136028**      **Average Radon Result: 0.3 pCi/L**

**Samples for EMSL Kit 136030**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229601	Room 110B	0.4	1/8/2016	1/11/2016	60	50	Customer
381600287-0023			2:27:00 PM	7:56:00 AM			

**Sample Notes:**

229618	Room 110B	0.6	1/8/2016	1/11/2016	60	50	Customer
381600287-0024			2:27:00 PM	7:56:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136030**      **Average Radon Result: 0.5 pCi/L**

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### Test Report: Radon in Air Test Results

**Samples for EMSL Kit 136031**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229574	Room 111	0.1	1/8/2016	1/11/2016	60	50	Customer
381600287-0025			2:28:00 PM	7:56:00 AM			

**Sample Notes:**

229634	Room 111	0.05	1/8/2016	1/11/2016	60	50	Customer
381600287-0026			2:28:00 PM	7:56:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136031**      **Average Radon Result: 0.1 pCi/L**

**Samples for EMSL Kit 136029**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229502	Room 126	0.2	1/8/2016	1/11/2016	60	50	Customer
381600287-0027			2:31:00 PM	7:59:00 AM			

**Sample Notes:**

229619	Room 126	0.2	1/8/2016	1/11/2016	60	50	Customer
381600287-0028			2:31:00 PM	7:59:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136029**      **Average Radon Result: 0.2 pCi/L**

**Samples for EMSL Kit 136016**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229162	Room 121	0.2	1/8/2016	1/11/2016	60	50	Customer
381600287-0029			2:33:00 PM	8:01:00 AM			

**Sample Notes:**

229611	Room 121	0.2	1/8/2016	1/11/2016	60	50	Customer
381600287-0030			2:33:00 PM	8:01:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136016**      **Average Radon Result: 0.2 pCi/L**

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### Test Report: Radon in Air Test Results

**Samples for EMSL Kit 136020**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229667	Room 122	0.1	1/8/2016	1/11/2016	60	50	Customer
381600287-0031			2:35:00 PM	8:02:00 AM			

**Sample Notes:**

229661	Room 122	0.1	1/8/2016	1/11/2016	60	50	Customer
381600287-0032			2:35:00 PM	8:02:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136020 Average Radon Result: 0.1 pCi/L**

**Samples for EMSL Kit 136019**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229501	PE office	0.4	1/8/2016	1/11/2016	60	50	Customer
381600287-0033			2:37:00 PM	8:03:00 AM			

**Sample Notes:**

229108	PE office	0.5	1/8/2016	1/11/2016	60	50	Customer
381600287-0034			2:37:00 PM	8:03:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136019 Average Radon Result: 0.4 pCi/L**

**Samples for EMSL Kit 136018**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229079	Lower level locker rooms	0.5	1/8/2016	1/11/2016	60	50	Customer
381600287-0035			2:39:00 PM	8:05:00 AM			

**Sample Notes:**

229576	Lower level locker rooms	0.5	1/8/2016	1/11/2016	60	50	Customer
381600287-0036			2:39:00 PM	8:05:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136018 Average Radon Result: 0.5 pCi/L**

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## Test Report: Radon in Air Test Results

### Samples for EMSL Kit 136017

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229143	Stage	0.7	1/8/2016	1/11/2016	60	50	Customer
381600287-0037			2:42:00 PM	8:08:00 AM			

**Sample Notes:**

229579	Stage	0.6	1/8/2016	1/11/2016	60	50	Customer
381600287-0038			2:42:00 PM	8:08:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136017** **Average Radon Result: 0.6 pCi/L**

### Samples for EMSL Kit 136015

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229652	Room 115	0.2	1/8/2016	1/11/2016	60	50	Customer
381600287-0039			2:44:00 PM	8:09:00 AM			

**Sample Notes:**

229130	Room 115	0.3	1/8/2016	1/11/2016	60	50	Customer
381600287-0040			2:44:00 PM	8:09:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 136015** **Average Radon Result: 0.3 pCi/L**

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 (40)

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 01/15/2016 11:57:47

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