

**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: 381601128  
 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: 02/09/16 2:10 PM  
 Analysis Date: 2/11/2016  
 Collected: 2/5/2016

Project: **Tanglewood Special Center**

**Tanglewood Special Center**

### Test Report: Radon in Air Test Results

**Samples for EMSL Kit 139188**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234420	Health Room	0.3	2/5/2016	2/8/2016	60	40	Customer
381601128-0001			2:42:00 PM	6:40:00 AM			

**Sample Notes:**

234379	Health Room	0.3	2/5/2016	2/8/2016	60	40	Duplicate
381601128-0002			2:43:00 PM	6:41:00 AM			

**Sample Notes:**

**Duplicate RPD = 0%**

**Samples for EMSL Kit 139190**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234345	Main Office	0.3	2/5/2016	2/8/2016	60	40	Customer
381601128-0003			2:44:00 PM	6:42:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 139183**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234395	Main Office	0.3	2/5/2016	2/8/2016	60	40	Customer
381601128-0004			2:45:00 PM	6:43:00 AM			

**Sample Notes:**

**Samples for EMSL Kit 135826**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229366	Faculty Lounge	0.6	2/5/2016	2/8/2016	60	40	Customer
381601128-0005			2:46:00 PM	6:44:00 AM			

**Sample Notes:**

229279	Faculty Lounge	0.9	2/5/2016	2/8/2016	60	40	Customer
381601128-0006			2:47:00 PM	6:45:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 135826 Average Radon Result: 0.8 pCi/L**

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### Test Report: Radon in Air Test Results

**Samples for EMSL Kit 135832**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229194 381601128-0007	Room 3	0.4	2/5/2016 2:48:00 PM	2/8/2016 6:46:00 AM	60	40	Customer

**Sample Notes:**

229153 381601128-0008	Room 3	0.4	2/5/2016 2:49:00 PM	2/8/2016 6:47:00 AM	60	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 135832**      **Average Radon Result: 0.4 pCi/L**

**Samples for EMSL Kit 135785**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229917 381601128-0009	Room 2	0.4	2/5/2016 2:50:00 PM	2/8/2016 6:48:00 AM	60	40	Customer

**Sample Notes:**

229865 381601128-0010	Room 2	0.3	2/5/2016 2:51:00 PM	2/8/2016 6:49:00 AM	60	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 135785**      **Average Radon Result: 0.4 pCi/L**

**Samples for EMSL Kit 135828**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229305 381601128-0011	Room 6	0.2	2/5/2016 2:52:00 PM	2/8/2016 6:50:00 AM	60	40	Customer

**Sample Notes:**

229198 381601128-0012	Room 6	0.2	2/5/2016 2:53:00 PM	2/8/2016 6:51:00 AM	60	40	Customer
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**Sample Notes:**

**Summary for EMSL Kit 135828**      **Average Radon Result: 0.2 pCi/L**

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### Test Report: Radon in Air Test Results

**Samples for EMSL Kit 135829**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229306	Room 7	0.2	2/5/2016	2/8/2016	60	40	Customer
381601128-0013			2:54:00 PM	6:52:00 AM			

**Sample Notes:**

229193	Room 7	0.2	2/5/2016	2/8/2016	60	40	Customer
381601128-0014			2:55:00 PM	6:53:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 135829 Average Radon Result: 0.2 pCi/L**

**Samples for EMSL Kit 139178**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234563	Laundry	1	2/5/2016	2/8/2016	60	40	Customer
381601128-0015			2:56:00 PM	6:54:00 AM			

**Sample Notes:**

234446	Laundry	1	2/5/2016	2/8/2016	60	40	Duplicate
381601128-0016			2:57:00 PM	6:55:00 AM			

**Sample Notes:**

**Duplicate RPD = 0%**

**Samples for EMSL Kit 135823**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229377	Room 12	0.3	2/5/2016	2/8/2016	60	40	Customer
381601128-0017			2:58:00 PM	6:56:00 AM			

**Sample Notes:**

229371	Room 12	0.2	2/5/2016	2/8/2016	60	40	Customer
381601128-0018			2:59:00 PM	6:57:00 AM			

**Sample Notes:**

**Summary for EMSL Kit 135823 Average Radon Result: 0.3 pCi/L**

**Samples for EMSL Kit 139191**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234386	Room 16	0.8	2/5/2016	2/8/2016	60	40	Customer
381601128-0019			3:00:00 PM	6:58:00 AM			

**Sample Notes:**

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Project: **Tanglewood Special Center****Tanglewood Special Center****Test Report: Radon in Air Test Results****Samples for EMSL Kit 139186**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234380	Room 16	0.7	2/5/2016	2/8/2016	60	40	Customer
381601128-0020			3:01:00 PM	6:59:00 AM			

**Sample Notes:****Samples for EMSL Kit 139176**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234454	Room 20	1.3	2/5/2016	2/8/2016	60	40	Customer
381601128-0021			3:02:00 PM	7:00:00 AM			

**Sample Notes:****Samples for EMSL Kit 139189**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234397	Room 20	1.3	2/5/2016	2/8/2016	60	40	Customer
381601128-0022			3:03:00 PM	7:01:00 AM			

**Sample Notes:****Samples for EMSL Kit 139187**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234377	Room 13	0.6	2/5/2016	2/8/2016	60	40	Customer
381601128-0023			3:04:00 PM	7:02:00 AM			

**Sample Notes:****Samples for EMSL Kit 139175**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234365	Room 13	0.6	2/5/2016	2/8/2016	60	40	Customer
381601128-0024			3:05:00 PM	7:03:00 AM			

**Sample Notes:**

232231	Room 13	0.1	2/5/2016	2/8/2016	60	40	Blank
381601128-0025			3:05:00 PM	7:03:00 AM			

**Sample Notes:**

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### Samples for EMSL Kit 139177

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234384	Room 11	0.8	2/5/2016	2/8/2016	60	40	Customer
381601128-0026			3:06:00 PM	7:04:00 AM			

**Sample Notes:**

### Samples for EMSL Kit 139192

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234427	Room 11	0.8	2/5/2016	2/8/2016	60	40	Customer
381601128-0027			3:07:00 PM	7:05:00 AM			

**Sample Notes:**

234361	Room 11	0.1	2/5/2016	2/8/2016	60	40	Duplicate
381601128-0028			3:07:00 PM	7:05:00 AM			

**Sample Notes:**

**Duplicate RPD = 155.6%**

### Samples for EMSL Kit 139198

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234405	Stage	0.3	2/5/2016	2/8/2016	60	40	Customer
381601128-0029			3:08:00 PM	7:06:00 AM			

**Sample Notes:**

234366	Stage	0.2	2/5/2016	2/8/2016	60	40	Duplicate
381601128-0030			3:08:00 PM	7:06:00 AM			

**Sample Notes:**

**Duplicate RPD = 40%**

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)

Kathryn Lickfield (30)

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 02/15/2016 10:56:11

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