

**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: 381601795
 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: 03/01/16 11:39 AM
 Analysis Date: 3/2/2016
 Collected: 2/26/2016

Project: **Laurel ES**

Laurel ES

Test Report: Radon in Air Test Results

Samples for EMSL Kit 140779

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239233	Gym Office	0.2	2/26/2016	2/29/2016	70	50	Customer
381601795-0001			3:44:00 PM	6:20:00 AM			

Sample Notes:

Samples for EMSL Kit 140780

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239031	Kitchen	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0002			3:47:00 PM	6:21:00 AM			

Sample Notes:

Samples for EMSL Kit 140778

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239088	Music	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0003			3:48:00 PM	6:22:00 AM			

Sample Notes:

238809	Music	0.3	2/26/2016	2/29/2016	70	50	Duplicate
381601795-0004			3:48:00 PM	6:22:00 AM			

Sample Notes:

Duplicate RPD = 0%

Samples for EMSL Kit 140781

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239097	Special Ed	0.2	2/26/2016	2/29/2016	70	50	Customer
381601795-0005			3:50:00 PM	6:22:00 AM			

Sample Notes:

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Samples for EMSL Kit 140793

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239284	PEA		2/26/2016	2/29/2016	70	50	Customer
381601795-0006			3:51:00 PM	6:23:00 AM			

Sample Notes: Not Analyzed
 Radon device not received by lab.

Samples for EMSL Kit 140794

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239038	1 Pod 6	0.4	2/26/2016	2/29/2016	70	50	Customer
381601795-0007			3:52:00 PM	6:24:00 AM			

Sample Notes:

Samples for EMSL Kit 140792

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239062	4 Pod 6	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0008			3:52:00 PM	6:25:00 AM			

Sample Notes:

238654	4 Pod 6	0.2	2/26/2016	2/29/2016	70	50	Duplicate
381601795-0009			3:52:00 PM	6:25:00 AM			

Sample Notes:

Duplicate RPD = 40%

Samples for EMSL Kit 140791

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239121	2 Pod 6	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0010			3:53:00 PM	6:25:00 AM			

Sample Notes:

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Project: **Laurel ES****Laurel ES****Test Report: Radon in Air Test Results****Samples for EMSL Kit 140754**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239109	3 Pod 6	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0011			3:53:00 PM	6:26:00 AM			

Sample Notes:**Samples for EMSL Kit 140790**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239024	Main Office	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0012			3:54:00 PM	6:26:00 AM			

Sample Notes:**Samples for EMSL Kit 140759**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239196	1 Pod 5	0.4	2/26/2016	2/29/2016	70	50	Customer
381601795-0013			3:57:00 PM	6:27:00 AM			

Sample Notes:**Samples for EMSL Kit 140755**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239084	4 Pod 5	0.4	2/26/2016	2/29/2016	70	50	Customer
381601795-0014			3:58:00 PM	6:27:00 AM			

Sample Notes:

235287	4 Pod 5	0	2/26/2016	2/29/2016	70	50	Blank
381601795-0015			3:58:00 PM	6:27:00 AM			

Sample Notes:

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Project: **Laurel ES**

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Test Report: Radon in Air Test Results

Samples for EMSL Kit 140758

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
238976	2 Pod 5	0.4	2/26/2016	2/29/2016	70	50	Customer
381601795-0016			4:00:00 PM	6:30:00 AM			

Sample Notes:

238739	2 Pod 5	0.3	2/26/2016	2/29/2016	70	50	Duplicate
381601795-0017			4:00:00 PM	6:30:00 AM			

Sample Notes:

Duplicate RPD = 28.6%

Samples for EMSL Kit 140757

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239050	3 Pod 5	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0018			4:00:00 PM	6:31:00 AM			

Sample Notes:

Samples for EMSL Kit 140804

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239083	1 Pod 4	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0019			4:01:00 PM	6:31:00 AM			

Sample Notes:

Samples for EMSL Kit 140805

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239053	4 Pod 4	0.4	2/26/2016	2/29/2016	70	50	Customer
381601795-0020			4:02:00 PM	6:32:00 AM			

Sample Notes:

235415	4 Pod 4	0	2/26/2016	2/29/2016	70	50	Blank
381601795-0021			4:02:00 PM	6:32:00 AM			

Sample Notes:

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Project: **Laurel ES****Laurel ES****Test Report: Radon in Air Test Results****Samples for EMSL Kit 140797**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
238992	2 Pod 4	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0022			4:03:00 PM	6:32:00 AM			

Sample Notes:**Samples for EMSL Kit 140796**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
238974	3 Pod 4	0.4	2/26/2016	2/29/2016	70	50	Customer
381601795-0023			4:04:00 PM	6:33:00 AM			

Sample Notes:**Samples for EMSL Kit 140756**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239239	1 Pod 3	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0024			4:05:00 PM	6:34:00 AM			

Sample Notes:**Samples for EMSL Kit 140795**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239090	4 Pod 3	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0025			4:06:00 PM	6:35:00 AM			

Sample Notes:

237671	4 Pod 3	0.1	2/26/2016	2/29/2016	70	50	Blank
381601795-0026			4:06:00 PM	6:35:00 AM			

Sample Notes:**Samples for EMSL Kit 140693**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239188	2 Pod 3	0.4	2/26/2016	2/29/2016	70	50	Customer
381601795-0027			4:07:00 PM	6:36:00 AM			

Sample Notes:

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Project: **Laurel ES****Laurel ES****Test Report: Radon in Air Test Results****Samples for EMSL Kit 140692**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239022	3 Pod 3		2/26/2016	2/29/2016	70	50	Customer
381601795-0028			4:08:00 PM	6:31:00 AM			
Sample Notes: Not Analyzed Radon device received open.							

235465	3 Pod 3	0.2	2/26/2016	2/29/2016	70	50	Blank
381601795-0029			4:08:00 PM	6:31:00 AM			
Sample Notes:							

Samples for EMSL Kit 140691

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239140	1 Pod 2	0.2	2/26/2016	2/29/2016	70	50	Customer
381601795-0030			4:09:00 PM	6:32:00 AM			
Sample Notes:							

Samples for EMSL Kit 140712

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239002	4 Pod 2	0.4	2/26/2016	2/29/2016	70	50	Customer
381601795-0031			4:10:00 PM	6:34:00 AM			
Sample Notes:							
239226	4 Pod 2	0.3	2/26/2016	2/29/2016	70	50	Duplicate
381601795-0032			4:10:00 PM	6:34:00 AM			
Sample Notes:							

Duplicate RPD = 28.6%**Samples for EMSL Kit 140690**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239217	2 Pod 2	0.3	2/26/2016	2/29/2016	70	50	Customer
381601795-0033			4:11:00 PM	6:35:00 AM			
Sample Notes:							

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Project: **Laurel ES****Laurel ES****Test Report: Radon in Air Test Results****Samples for EMSL Kit 140713**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239060	3 Pod 2	0.2	2/26/2016	2/29/2016	70	50	Customer
381601795-0034			4:12:00 PM	6:35:00 AM			

Sample Notes:**Samples for EMSL Kit 140701**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239181	Media Work Room	0.8	2/26/2016	2/29/2016	70	50	Customer
381601795-0035			4:13:00 PM	6:36:00 AM			

Sample Notes:**Samples for EMSL Kit 140694**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239148	Faculty Lounge	0.4	2/26/2016	2/29/2016	70	50	Customer
381601795-0036			4:14:00 PM	6:37:00 AM			

Sample Notes:**Samples for EMSL Kit 140695**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239071	1 Pod 1	0.4	2/26/2016	2/29/2016	70	50	Customer
381601795-0037			4:15:00 PM	6:40:00 AM			

Sample Notes:

235405	1 Pod 1	0	2/26/2016	2/29/2016	70	50	Blank
381601795-0038			4:15:00 PM	6:40:00 AM			

Sample Notes:

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Project: **Laurel ES****Laurel ES****Test Report: Radon in Air Test Results****Samples for EMSL Kit 140702**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239055	4 Pod 1	0.5	2/26/2016	2/29/2016	70	50	Customer
381601795-0039			4:16:00 PM	6:41:00 AM			

Sample Notes:

238636	4 Pod 1	0.3	2/26/2016	2/29/2016	70	50	Duplicate
381601795-0040			4:16:00 PM	6:41:00 AM			

Sample Notes:**Duplicate RPD = 50%****Samples for EMSL Kit 140717**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239007	2 Pod 1	0.5	2/26/2016	2/29/2016	70	50	Customer
381601795-0041			4:17:00 PM	6:42:00 AM			

Sample Notes:**Samples for EMSL Kit 140716**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
238989	3 Pod 1		2/26/2016	2/29/2016	70	50	Customer
381601795-0042			4:17:00 PM				

Sample Notes: Not Analyzed
 Ending time missing

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)

Kathryn Lickfield (39)

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 03/08/2016 10:01:39

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