

**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: 381601119
 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: **William Beanes ES**

William Beanes ES

Test Report: Radon in Air Test Results

Samples for EMSL Kit 135757

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229918	Main Office	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0001			3:02:00 PM	6:44:00 AM			

Sample Notes:

229758	Main Office	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0002			3:02:00 PM	6:44:00 AM			

Sample Notes:

Summary for EMSL Kit 135757 Average Radon Result: 0.1 pCi/L

Samples for EMSL Kit 135753

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
230010	Media Center	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0003			3:03:00 PM	6:45:00 AM			

Sample Notes:

229863	Media Center	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0004			3:03:00 PM	6:45:00 AM			

Sample Notes:

Summary for EMSL Kit 135753 Average Radon Result: 0.2 pCi/L

Samples for EMSL Kit 135763

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229949	Computer Room	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0005			3:04:00 PM	8:00:00 AM			

Sample Notes:

229915	Computer Room	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0006			3:04:00 PM	8:00:00 AM			

Sample Notes:

Summary for EMSL Kit 135763 Average Radon Result: 0.2 pCi/L

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Samples for EMSL Kit 135854

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229763	Room 104	0.3	2/5/2016	2/8/2016	60	40	Customer
381601119-0007			3:05:00 PM	6:46:00 AM			

Sample Notes:

229753	Room 104	0.3	2/5/2016	2/8/2016	60	40	Customer
381601119-0008			3:05:00 PM	6:46:00 AM			

Sample Notes:

Summary for EMSL Kit 135854 **Average Radon Result: 0.3 pCi/L**

Samples for EMSL Kit 135840

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229297	Room 103	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0009			3:06:00 PM	7:00:00 AM			

Sample Notes:

229161	Room 103	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0010			3:06:00 PM	7:00:00 AM			

Sample Notes:

Summary for EMSL Kit 135840 **Average Radon Result: 0.2 pCi/L**

Samples for EMSL Kit 135772

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229999	Room 102	0.3	2/5/2016	2/8/2016	60	40	Customer
381601119-0011			3:07:00 PM	7:00:00 AM			

Sample Notes:

229981	Room 102	0.3	2/5/2016	2/8/2016	60	40	Customer
381601119-0012			3:07:00 PM	7:00:00 AM			

Sample Notes:

Summary for EMSL Kit 135772 **Average Radon Result: 0.3 pCi/L**

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Samples for EMSL Kit 135761

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229939	Room 203	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0013			3:08:00 PM	6:47:00 AM			

Sample Notes:

229920	Room 203	0.3	2/5/2016	2/8/2016	60	40	Customer
381601119-0014			3:08:00 PM	6:47:00 AM			

Sample Notes:

Summary for EMSL Kit 135761 **Average Radon Result: 0.3 pCi/L**

Samples for EMSL Kit 135856

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229740	Room 202	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0015			3:09:00 PM	6:49:00 AM			

Sample Notes:

229622	Room 202	0.3	2/5/2016	2/8/2016	60	40	Customer
381601119-0016			3:09:00 PM	6:49:00 AM			

Sample Notes:

Summary for EMSL Kit 135856 **Average Radon Result: 0.3 pCi/L**

Samples for EMSL Kit 135762

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229968	Room 201	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0017			3:10:00 PM	6:48:00 AM			

Sample Notes:

229959	Room 201	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0018			3:10:00 PM	6:48:00 AM			

Sample Notes:

Summary for EMSL Kit 135762 **Average Radon Result: 0.2 pCi/L**

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Project: **William Beanes ES****William Beanes ES****Test Report: Radon in Air Test Results****Samples for EMSL Kit 135760**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229983	Room 402	0.4	2/5/2016	2/8/2016	60	40	Customer
381601119-0019			3:11:00 PM	6:48:00 AM			

Sample Notes:

229937	Room 402	0.4	2/5/2016	2/8/2016	60	40	Customer
381601119-0020			3:11:00 PM	6:48:00 AM			

Sample Notes:**Summary for EMSL Kit 135760 Average Radon Result: 0.4 pCi/L****Samples for EMSL Kit 135752**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229932	Room 403	0.4	2/5/2016	2/8/2016	60	40	Customer
381601119-0021			3:12:00 PM	6:48:00 AM			

Sample Notes:

229864	Room 403	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0022			3:12:00 PM	6:48:00 AM			

Sample Notes:**Summary for EMSL Kit 135752 Average Radon Result: 0.3 pCi/L****Samples for EMSL Kit 135764**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229940	Room 304	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0023			3:13:00 PM	6:49:00 AM			

Sample Notes:

229743	Room 304	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0024			3:13:00 PM	6:49:00 AM			

Sample Notes:**Summary for EMSL Kit 135764 Average Radon Result: 0.2 pCi/L****Samples for EMSL Kit 139167**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234623	Room 305	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0025			3:14:00 PM	6:50:00 AM			

Sample Notes:

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Project: **William Beanes ES****William Beanes ES****Test Report: Radon in Air Test Results****Samples for EMSL Kit 139166**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234413	Room 404	0.3	2/5/2016	2/8/2016	60	40	Customer
381601119-0026			3:15:00 PM	6:50:00 AM			

Sample Notes:**Samples for EMSL Kit 139153**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234453	Room 401	0.5	2/5/2016	2/8/2016	60	40	Customer
381601119-0027			3:16:00 PM	6:51:00 AM			

Sample Notes:**Samples for EMSL Kit 139151**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234587	Art Room	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0028			3:17:00 PM	6:53:00 AM			

Sample Notes:**Samples for EMSL Kit 139150**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234468	Room 306	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0029			3:18:00 PM	6:53:00 AM			

Sample Notes:**Samples for EMSL Kit 139165**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
232268	Music Room	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0030			3:19:00 PM	6:52:00 AM			

Sample Notes:

234403	Music Room	0	2/5/2016	2/8/2016	60	40	Blank
381601119-0031			3:19:00 PM	6:52:00 AM			

Sample Notes:

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Samples for EMSL Kit 139149

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234461	Room 1	0.6	2/5/2016	2/8/2016	60	40	Customer
381601119-0032			3:20:00 PM	6:52:00 AM			

Sample Notes:

Samples for EMSL Kit 139164

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234565	Room 3	0.4	2/5/2016	2/8/2016	60	40	Customer
381601119-0033			3:21:00 PM	6:53:00 AM			

Sample Notes:

Samples for EMSL Kit 139148

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234470	Room 5	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0034			3:22:00 PM	6:54:00 AM			

Sample Notes:

234449	Room 5	-0.1	2/5/2016	2/8/2016	60	40	Duplicate
381601119-0035			3:22:00 PM	6:54:00 AM			

Sample Notes:

Duplicate RPD = 200%

Samples for EMSL Kit 139163

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234594	Room 6	0	2/5/2016	2/8/2016	60	40	Customer
381601119-0036			3:23:00 PM	6:54:00 AM			

Sample Notes:

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Project: **William Beanes ES**

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 139172**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234432	Room 4	0	2/5/2016	2/8/2016	60	40	Customer
381601119-0037			3:24:00 PM	6:55:00 AM			

Sample Notes:

234385	Room 4	-0.1	2/5/2016	2/8/2016	60	40	Duplicate
381601119-0038			3:24:00 PM	6:55:00 AM			

Sample Notes:

Duplicate RPD = 0%

Samples for EMSL Kit 139170

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234370	Room 2	0.4	2/5/2016	2/8/2016	60	40	Customer
381601119-0039			3:25:00 PM	6:55:00 AM			

Sample Notes:**Samples for EMSL Kit 139171**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234404	Room 105	0.4	2/5/2016	2/8/2016	60	40	Customer
381601119-0040			3:26:00 PM	6:47:00 AM			

Sample Notes:**Samples for EMSL Kit 139159**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234448	Room 106	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0041			3:27:00 PM	6:55:00 AM			

Sample Notes:**Samples for EMSL Kit 139160**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234444	Room 301	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0042			3:28:00 PM	6:57:00 AM			

Sample Notes:

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Samples for EMSL Kit 139173

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234422	Room 302	0.2	2/5/2016	2/8/2016	60	40	Customer
381601119-0043			3:29:00 PM	6:57:00 AM			

Sample Notes:

Samples for EMSL Kit 139174

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234435	Room 303	0.1	2/5/2016	2/8/2016	60	40	Customer
381601119-0044			3:30:00 PM	6:57:00 AM			

Sample Notes:

Samples for EMSL Kit 139161

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234581	Room 101	0.3	2/5/2016	2/8/2016	60	40	Customer
381601119-0045			3:31:00 PM	6:58:00 AM			

Sample Notes:

Samples for EMSL Kit 139162

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234611	Stage	0.4	2/5/2016	2/8/2016	60	40	Customer
381601119-0046			3:32:00 PM	6:58:00 AM			

Sample Notes:

234353	Stage	-0.2	2/5/2016	2/8/2016	60	40	Duplicate
381601119-0047			3:32:00 PM	6:58:00 AM			

Sample Notes:

Duplicate RPD = 200%

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 (47)

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 12:17:46

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