

**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: 381602727
 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: 03/24/16 10:50 AM
 Analysis Date: 3/25/2016
 Collected: 3/18/2016

Project: **Bladensburg ES**

Test Site: **Bladensburg ES**
Bladensburg, MD 20710

Test Report: Radon in Air Test Results**Samples for EMSL Kit 142041**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240105	28	2.4	3/18/2016	3/21/2016	70	50	Customer
381602727-0001			3:35:00 PM	6:40:00 AM			

Sample Notes:

Samples for EMSL Kit 142058

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239690	27	0.9	3/18/2016	3/21/2016	70	50	Customer
381602727-0002			3:38:00 PM	6:42:00 AM			

Sample Notes:

238167	27	0.6	3/18/2016	3/21/2016	70	50	Duplicate
381602727-0003			3:38:00 PM	6:42:00 AM			

Sample Notes:

Duplicate RPD = 40%

Samples for EMSL Kit 142052

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240104	25	0.3	3/18/2016	3/21/2016	70	50	Customer
381602727-0004			3:40:00 PM	6:44:00 AM			

Sample Notes:

238316	25	0.3	3/18/2016	3/21/2016	70	50	Duplicate
381602727-0005			3:40:00 PM	6:44:00 AM			

Sample Notes:

Duplicate RPD = 0%

Samples for EMSL Kit 142059

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240118	18	1.6	3/18/2016	3/21/2016	70	50	Customer
381602727-0006			3:43:00 PM	6:47:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 142057**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239759	16	3.6	3/18/2016	3/21/2016	70	50	Customer
381602727-0007			3:50:00 PM	6:50:00 AM			

Sample Notes:**Samples for EMSL Kit 142055**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240682	19	3.7	3/18/2016	3/21/2016	70	50	Customer
381602727-0008			3:52:00 PM	6:53:00 AM			

Sample Notes:

237882	19	0.1	3/18/2016	3/21/2016	70	50	Blank
381602727-0009			3:52:00 PM	6:53:00 AM			

Sample Notes:**Samples for EMSL Kit 142054**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240119	14	4.2	3/18/2016	3/21/2016	70	50	Customer
381602727-0010			3:55:00 PM	6:58:00 AM			

Sample Notes:**Samples for EMSL Kit 142056**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240109	15	0.8	3/18/2016	3/21/2016	70	50	Customer
381602727-0011			3:58:00 PM	7:01:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 142062**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240754	13	0.9	3/18/2016	3/21/2016	70	50	Customer
381602727-0012			4:00:00 PM	7:03:00 AM			

Sample Notes:

239591	13	0.7	3/18/2016	3/21/2016	70	50	Duplicate
381602727-0013			4:00:00 PM	7:03:00 AM			

Sample Notes:**Duplicate RPD = 25%****Samples for EMSL Kit 142061**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240093	12	3	3/18/2016	3/21/2016	70	50	Customer
381602727-0014			4:02:00 PM	7:05:00 AM			

Sample Notes:**Samples for EMSL Kit 142060**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240088	11	0.5	3/18/2016	3/21/2016	70	50	Customer
381602727-0015			4:05:00 PM	7:07:00 AM			

Sample Notes:**Samples for EMSL Kit 142074**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240637	10	10.4	3/18/2016	3/21/2016	70	50	Customer
381602727-0016			4:15:00 PM	7:10:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 142072**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240681	9	1.1	3/18/2016	3/21/2016	70	50	Customer
381602727-0017			4:17:00 PM	7:12:00 AM			

Sample Notes:

238179	9	1.3	3/18/2016	3/21/2016	70	50	Duplicate
381602727-0018			4:17:00 PM	7:12:00 AM			

Sample Notes:**Duplicate RPD = 16.7%****Samples for EMSL Kit 142064**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240082	8	9	3/18/2016	3/21/2016	70	50	Customer
381602727-0019			4:20:00 PM	7:16:00 AM			

Sample Notes:**Samples for EMSL Kit 142068**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240635	6	0.7	3/18/2016	3/21/2016	70	50	Customer
381602727-0020			4:22:00 PM	7:18:00 AM			

Sample Notes:

238160	6	0.9	3/18/2016	3/21/2016	70	50	Duplicate
381602727-0021			4:22:00 PM	7:18:00 AM			

Sample Notes:**Duplicate RPD = 25%****Samples for EMSL Kit 142053**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240623	ESOL Teacher's Planning -B	1.8	3/18/2016	3/21/2016	70	50	Customer
381602727-0022			4:25:00 PM	7:20:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 142073**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239729	2	3.9	3/18/2016	3/21/2016	70	50	Customer
381602727-0023			4:27:00 PM	7:25:00 AM			

Sample Notes:

Samples for EMSL Kit 142066

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240095	5	1.6	3/18/2016	3/21/2016	70	50	Customer
381602727-0024			4:32:00 PM	7:27:00 AM			

Sample Notes:

Samples for EMSL Kit 142071

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240094	K-8	1	3/18/2016	3/21/2016	70	50	Customer
381602727-0025			4:34:00 PM	7:30:00 AM			

Sample Notes:

Samples for EMSL Kit 142065

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240116	3	1.4	3/18/2016	3/21/2016	70	50	Customer
381602727-0026			4:37:00 PM	7:35:00 AM			

Sample Notes:

237834	3	1.4	3/18/2016	3/21/2016	70	50	Blank
381602727-0027			4:37:00 PM	7:35:00 AM			

Sample Notes:

Samples for EMSL Kit 142070

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239711	K-4	0.4	3/18/2016	3/21/2016	70	50	Customer
381602727-0028			4:40:00 PM	7:38:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 142067**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240112	K-2	0.9	3/18/2016	3/21/2016	70	50	Customer
381602727-0029			4:42:00 PM	7:40:00 AM			

Sample Notes:

Samples for EMSL Kit 142069

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
240090	Stage	0.8	3/18/2016	3/21/2016	70	50	Customer
381602727-0030			4:45:00 PM	7:42:00 AM			

Sample Notes:

Samples for EMSL Kit 142088

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239734	Media Center	0.2	3/18/2016	3/21/2016	70	50	Customer
381602727-0031			4:47:00 PM	7:44:00 AM			

Sample Notes:

238190	Media Center	0.4	3/18/2016	3/21/2016	70	50	Duplicate
381602727-0032			4:47:00 PM	7:44:00 AM			

Sample Notes:

Duplicate RPD = 66.7%

Samples for EMSL Kit 142081

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239746	Copier Room Across From the Main Office	1.5	3/18/2016	3/21/2016	70	50	Customer
381602727-0033			4:50:00 PM	7:47:00 AM			

Sample Notes:

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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Bladensburg, MD 20710

Test Report: Radon in Air Test Results

Analyst(s)

Laura Freeman (33)

Laura Freeman *Subash Rashat*

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 04/01/2016 07:55:59

Please visit www.radontestinglab.com