

**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: 381601796
 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: **Deerfield Run**

Test Site: **Deerfield Run**
Laurel, MD 20708

Test Report: Radon in Air Test Results**Samples for EMSL Kit 140698**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
238981	Kitchen	0.4	2/26/2016	2/29/2016	70	50	Customer
381601796-0001			4:46:00 PM	7:50:00 AM			

Sample Notes:

238748	Kitchen	0.4	2/26/2016	2/29/2016	70	50	Duplicate
381601796-0002			4:46:00 PM	7:50:00 AM			

Sample Notes:

Duplicate RPD = 0%

Samples for EMSL Kit 140697

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239044	Music Room		2/26/2016	2/29/2016	70	50	Customer
381601796-0003			4:46:00 PM	7:51:00 AM			

Sample Notes: Not Analyzed
 Charcoal canister missing from device.

Samples for EMSL Kit 140696

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239180	Faculty Lounge	0.3	2/26/2016	2/29/2016	70	50	Customer
381601796-0004			4:49:00 PM	7:51:00 AM			

Sample Notes:**Samples for EMSL Kit 140720**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
238944	Main Office	0.2	2/26/2016	2/29/2016	70	50	Customer
381601796-0005			4:50:00 PM	7:52:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 140714**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239061	Learning K-1	0.1	2/26/2016	2/29/2016	70	50	Customer
381601796-0006			4:52:00 PM	7:53:00 AM			

Sample Notes:

Samples for EMSL Kit 140719

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239092	Counselor	0.1	2/26/2016	2/29/2016	70	50	Customer
381601796-0007			4:52:00 PM	7:53:00 AM			

Sample Notes:

Samples for EMSL Kit 140718

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
238962	E501	0.3	2/26/2016	2/29/2016	70	50	Customer
381601796-0008			4:53:00 PM	7:54:00 AM			

Sample Notes:

238801	E501	0.4	2/26/2016	2/29/2016	70	50	Duplicate
381601796-0009			4:53:00 PM	7:54:00 AM			

Sample Notes:

Duplicate RPD = 28.6%

Samples for EMSL Kit 140715

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239209	Teacher Planning	0.4	2/26/2016	2/29/2016	70	50	Customer
381601796-0010			4:55:00 PM	7:55:00 AM			

Sample Notes:

237144	Teacher Planning	0.05	2/26/2016	2/29/2016	70	50	Blank
381601796-0011			4:55:00 PM	7:55:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 140784**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
238997	Red-2	0.3	2/26/2016	2/29/2016	70	50	Customer
381601796-0012			4:57:00 PM	7:59:00 AM			

Sample Notes:

Samples for EMSL Kit 140785

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239080	Red-1	0.5	2/26/2016	2/29/2016	70	50	Customer
381601796-0013			4:57:00 PM	8:02:00 AM			

Sample Notes:

234050	Red-1	-0.1	2/26/2016	2/29/2016	70	50	Blank
381601796-0014			4:57:00 PM	8:02:00 AM			

Sample Notes:

Samples for EMSL Kit 140786

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239047	Red-4	0.4	2/26/2016	2/29/2016	70	50	Customer
381601796-0015			4:58:00 PM	8:04:00 AM			

Sample Notes:

Samples for EMSL Kit 140783

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239351	Red-3		2/26/2016	2/29/2016	70	50	Customer
381601796-0016			5:00:00 PM	8:06:00 AM			

Sample Notes: Not Analyzed
 Device received open; unable to analyze.

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 140782**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239113	R-5	0.3	2/26/2016	2/29/2016	70	50	Customer
381601796-0017			5:00:00 PM	8:09:00 AM			

Sample Notes:

238806	R-5	0.4	2/26/2016	2/29/2016	70	50	Duplicate
381601796-0018			5:00:00 PM	8:09:00 AM			

Sample Notes:

Duplicate RPD = 28.6%

Samples for EMSL Kit 140766

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239052	OR-4	0.4	2/26/2016	2/29/2016	70	50	Customer
381601796-0019			5:01:00 PM	8:10:00 AM			

Sample Notes:**Samples for EMSL Kit 140767**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239008	OR-3	0.5	2/26/2016	2/29/2016	70	50	Customer
381601796-0020			5:03:00 PM	8:12:00 AM			

Sample Notes:**Samples for EMSL Kit 140768**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239041	OR-1	0.4	2/26/2016	2/29/2016	70	50	Customer
381601796-0021			5:04:00 PM	8:15:00 AM			

Sample Notes:

238758	OR-1	0.5	2/26/2016	2/29/2016	70	50	Duplicate
381601796-0022			5:04:00 PM	8:15:00 AM			

Sample Notes:

Duplicate RPD = 22.2%

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 140769**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239184	OR-2	0.3	2/26/2016	2/29/2016	70	50	Customer
381601796-0023			5:04:00 PM	8:19:00 AM			

Sample Notes:

Samples for EMSL Kit 140770

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239076	OR-5	0.3	2/26/2016	2/29/2016	70	50	Customer
381601796-0024			5:05:00 PM	8:20:00 AM			

Sample Notes:

Samples for EMSL Kit 140763

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239285	Y-5	0.6	2/26/2016	2/29/2016	70	50	Customer
381601796-0025			5:06:00 PM	8:20:00 AM			

Sample Notes:

Samples for EMSL Kit 140762

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239039	Y-4	0.7	2/26/2016	2/29/2016	70	50	Customer
381601796-0026			5:07:00 PM	8:22:00 AM			

Sample Notes:

238671	Y-4	0.6	2/26/2016	2/29/2016	70	50	Duplicate
381601796-0027			5:07:00 PM	8:22:00 AM			

Sample Notes:

Duplicate RPD = 15.4%

Samples for EMSL Kit 140764

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239117	Y-2	0.5	2/26/2016	2/29/2016	70	50	Customer
381601796-0028			5:08:00 PM	8:23:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 140761**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
238939	Y-3	0.8	2/26/2016	2/29/2016	70	50	Customer
381601796-0029			5:08:00 PM	8:23:00 AM			

Sample Notes:**Samples for EMSL Kit 140773**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239120	Y-1		2/26/2016	2/29/2016	70	50	Customer
381601796-0030			5:09:00 PM	8:24:00 AM			

Sample Notes: Not Analyzed
 Device received open; unable to analyze.

Samples for EMSL Kit 140771

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239006	B-5	0.4	2/26/2016	2/29/2016	70	50	Customer
381601796-0031			5:10:00 PM	8:24:00 AM			

Sample Notes:**Samples for EMSL Kit 140772**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239114	B-4	0.4	2/26/2016	2/29/2016	70	50	Customer
381601796-0032			5:11:00 PM	8:25:00 AM			

Sample Notes:

238805	B-4	0.5	2/26/2016	2/29/2016	70	50	Duplicate
381601796-0033			5:11:00 PM	8:25:00 AM			

Sample Notes:**Duplicate RPD = 22.2%**

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Test Site: **Deerfield Run**
Laurel, MD 20708

Test Report: Radon in Air Test Results

Samples for EMSL Kit 140774

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239033	B-2	0.6	2/26/2016	2/29/2016	70	50	Customer
381601796-0034			5:11:00 PM	8:26:00 AM			

Sample Notes:

Samples for EMSL Kit 140760

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
238968	B-3	0.5	2/26/2016	2/29/2016	70	50	Customer
381601796-0035			5:12:00 PM	8:27:00 AM			

Sample Notes:

Samples for EMSL Kit 140775

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
239089	B-1	0.7	2/26/2016	2/29/2016	70	50	Customer
381601796-0036			5:13:00 PM	8:28:00 AM			

Sample Notes:

232371	B-1	0	2/26/2016	2/29/2016	70	50	Blank
381601796-0037			5:13:00 PM	8:28:00 AM			

Sample Notes:

Samples for EMSL Kit 135850

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229256	G-3	0.5	2/26/2016	2/29/2016	70	50	Customer
381601796-0038			5:18:00 PM	8:28:00 AM			

Sample Notes:

229196	G-3	0.5	2/26/2016	2/29/2016	70	50	Customer
381601796-0039			5:18:00 PM	8:28:00 AM			

Sample Notes:

Summary for EMSL Kit 135850 Average Radon Result: 0.5 pCi/L

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 140215**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237006 381601796-0040	G-1	0.4	2/26/2016 5:19:00 PM	2/29/2016 8:29:00 AM	70	50	Customer

Sample Notes:

235316 381601796-0041	G-1	0	2/26/2016 5:19:00 PM	2/29/2016 8:29:00 AM	70	50	Blank
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Sample Notes:**Samples for EMSL Kit 140194**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237017 381601796-0042	G-4	0.6	2/26/2016 5:20:00 PM	2/29/2016 8:30:00 AM	70	50	Customer

Sample Notes:**Samples for EMSL Kit 140192**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
236985 381601796-0043	G-2	0.5	2/26/2016 5:20:00 PM	2/29/2016 8:31:00 AM	70	50	Customer

Sample Notes:

237176 381601796-0044	G-2	0.6	2/26/2016 5:20:00 PM	2/29/2016 8:31:00 AM	70	50	Duplicate
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Sample Notes:**Duplicate RPD = 18.2%****Samples for EMSL Kit 138968**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234716 381601796-0045	G-5	0.5	2/26/2016 5:22:00 PM	2/29/2016 8:31:00 AM	70	50	Customer

Sample Notes:

232460 381601796-0046	G-5	0.4	2/26/2016 5:22:00 PM	2/29/2016 8:31:00 AM	70	50	Duplicate
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Sample Notes:**Duplicate RPD = 22.2%**

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 140202**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237034	Broadcasting	0.4	2/26/2016	2/29/2016	70	50	Customer
381601796-0047			5:22:00 PM	8:32:00 AM			

Sample Notes:

237327	Broadcasting	0.4	2/26/2016	2/29/2016	70	50	Duplicate
381601796-0048			5:22:00 PM	8:32:00 AM			

Sample Notes:

Duplicate RPD = 0%

Samples for EMSL Kit 140209

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
236994	E-1	0.3	2/26/2016	2/29/2016	70	50	Customer
381601796-0049			5:23:00 PM	8:33:00 AM			

Sample Notes:**Samples for EMSL Kit 140203**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
236989	E-2	0.3	2/26/2016	2/29/2016	70	50	Customer
381601796-0050			5:25:00 PM	8:33:00 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

