

**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: 381603505
 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: 04/08/16 10:33 AM
 Analysis Date: 4/14/2016
 Collected: 4/1/2016

Project: **Whitehall Elementary School**

Test Site: **Whitehall Elementary School**
Bowie, MD 20715

Test Report: Radon in Air Test Results**Samples for EMSL Kit 143354**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
241269	207	0.8	4/1/2016	4/4/2016	70	50	Customer
381603505-0001			6:24:00 AM	3:28:00 PM			

Sample Notes:

Samples for EMSL Kit 139066

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234467	206	0.2	4/1/2016	4/4/2016	70	50	Customer
381603505-0002			6:25:00 AM	3:26:00 PM			

Sample Notes:

Samples for EMSL Kit 140138

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237086	205	0.2	4/1/2016	4/4/2016	70	50	Customer
381603505-0003			6:27:00 AM	3:25:00 PM			

Sample Notes:

237203	205	0.3	4/1/2016	4/4/2016	70	50	Duplicate
381603505-0004			6:27:00 AM	3:25:00 PM			

Sample Notes:

Duplicate RPD = 40%

Samples for EMSL Kit 143332

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
241303	208	0.6	4/1/2016	4/4/2016	70	50	Customer
381603505-0005			6:29:00 AM	3:24:00 PM			

Sample Notes:

241634	208	0.6	4/1/2016	4/4/2016	70	50	Duplicate
381603505-0006			6:29:00 AM	3:24:00 PM			

Sample Notes:

Duplicate RPD = 0%

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 143360**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
241368	209	0.3	4/1/2016	4/4/2016	70	50	Customer
381603505-0007			6:30:00 AM	3:22:00 PM			

Sample Notes:

Samples for EMSL Kit 143362

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
241239	204	0.2	4/1/2016	4/4/2016	70	50	Customer
381603505-0008			6:32:00 AM	3:20:00 PM			

Sample Notes:

241682	204	0	4/1/2016	4/4/2016	70	50	Duplicate
381603505-0009			6:32:00 AM	3:20:00 PM			

Sample Notes:

Duplicate RPD = 200%

Samples for EMSL Kit 143361

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
241274	203	0.3	4/1/2016	4/4/2016	70	50	Customer
381603505-0010			6:33:00 AM	3:19:00 PM			

Sample Notes:

Samples for EMSL Kit 143343

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
241257	210	0	4/1/2016	4/4/2016	70	50	Customer
381603505-0011			6:34:00 AM	3:16:00 PM			

Sample Notes:

Samples for EMSL Kit 139637

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234552	211	0	4/1/2016	4/4/2016	70	50	Customer
381603505-0012			6:36:00 AM	3:18:00 PM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 139617**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235227	202	0.6	4/1/2016	4/4/2016	70	50	Customer
381603505-0013			6:38:00 AM	3:15:00 PM			

Sample Notes:

Samples for EMSL Kit 139616

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235223	201	0.5	4/1/2016	4/4/2016	70	50	Customer
381603505-0014			6:39:00 AM	3:13:00 PM			

Sample Notes:

Samples for EMSL Kit 139615

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235147	Guidance Office	2.5	4/1/2016	4/4/2016	70	50	Customer
381603505-0015			6:42:00 AM	3:12:00 PM			

Sample Notes:

235286	Guidance Office	-0.2	4/1/2016	4/4/2016	70	50	Blank
381603505-0016			6:42:00 AM	3:12:00 PM			

Sample Notes:

Samples for EMSL Kit 139638

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234483	Main Office	0.6	4/1/2016	4/4/2016	70	50	Customer
381603505-0017			6:44:00 AM	3:34:00 PM			

Sample Notes:

235342	Main Office	0.2	4/1/2016	4/4/2016	70	50	Duplicate
381603505-0018			6:44:00 AM	3:34:00 PM			

Sample Notes:

Duplicate RPD = 100%

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 140095**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237108	Health Room	0.6	4/1/2016	4/4/2016	70	50	Customer
381603505-0019			6:45:00 AM	3:36:00 PM			

Sample Notes:

235281	Health Room	-0.3	4/1/2016	4/4/2016	70	50	Blank
381603505-0020			6:45:00 AM	3:36:00 PM			

Sample Notes:**Samples for EMSL Kit 140078**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237208	110	0.6	4/1/2016	4/4/2016	70	50	Customer
381603505-0021			6:49:00 AM	3:39:00 PM			

Sample Notes:

234035	110	0.9	4/1/2016	4/4/2016	70	50	Duplicate
381603505-0022			6:49:00 AM	3:39:00 PM			

Sample Notes:

Duplicate RPD = 40%

Samples for EMSL Kit 139626

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235133	109	0.3	4/1/2016	4/4/2016	70	50	Customer
381603505-0023			6:50:00 AM	3:40:00 PM			

Sample Notes:**Samples for EMSL Kit 139627**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
235211	108	0.5	4/1/2016	4/4/2016	70	50	Customer
381603505-0024			6:51:00 AM	3:43:00 PM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 139618**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234540	107	0.3	4/1/2016	4/4/2016	70	50	Customer
381603505-0025			6:53:00 AM	3:42:00 PM			

Sample Notes:

235313	107	0.6	4/1/2016	4/4/2016	70	50	Duplicate
381603505-0026			6:53:00 AM	3:42:00 PM			

Sample Notes:**Duplicate RPD = 66.7%****Samples for EMSL Kit 140079**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237170	Library	1.4	4/1/2016	4/4/2016	70	50	Customer
381603505-0027			6:56:00 AM	3:46:00 PM			

Sample Notes:**Samples for EMSL Kit 140088**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237190	106	0.6	4/1/2016	4/4/2016	70	50	Customer
381603505-0028			6:58:00 AM	3:48:00 PM			

Sample Notes:

235266	106	0.2	4/1/2016	4/4/2016	70	50	Duplicate
381603505-0029			6:58:00 AM	3:48:00 PM			

Sample Notes:**Duplicate RPD = 100%****Samples for EMSL Kit 140080**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237131	105	1.3	4/1/2016	4/4/2016	70	50	Customer
381603505-0030			6:59:00 AM	3:49:00 PM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 140063**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237102	104	-0.2	4/1/2016	4/4/2016	70	50	Customer
381603505-0031			7:00:00 AM	3:50:00 PM			

Sample Notes:

Samples for EMSL Kit 140052

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237233	103	0	4/1/2016	4/4/2016	70	50	Customer
381603505-0032			7:02:00 AM	3:51:00 PM			

Sample Notes:

235324	103	0	4/1/2016	4/4/2016	70	50	Duplicate
381603505-0033			7:02:00 AM	3:51:00 PM			

Sample Notes:

Duplicate RPD = 0%

Samples for EMSL Kit 139696

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
236786	102	0.5	4/1/2016	4/4/2016	70	50	Customer
381603505-0034			7:04:00 AM	3:52:00 PM			

Sample Notes:

Samples for EMSL Kit 140091

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237120	101	0	4/1/2016	4/4/2016	70	50	Customer
381603505-0035			7:05:00 AM	3:54:00 PM			

Sample Notes:

Samples for EMSL Kit 140064

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
237080	Stage	0.8	4/1/2016	4/4/2016	70	50	Customer
381603505-0036			7:08:00 AM	3:56:00 PM			

Sample Notes:



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Test Report: Radon in Air Test Results

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

Analyst(s)

Kathryn Lickfield (36)

Laura Freeman, Interim Laboratory Manager &
Subash Rashat, New Jersey Radiation Specialist NJ MES 10152
or other approved signatory

In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder. The test results meets all NELAC requirements unless otherwise specified. 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

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 04/20/2016 17:53:46

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