

**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: 381600278
 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: 01/12/16 12:50 PM
 Analysis Date: 1/13/2016
 Collected: 1/8/2016

Project: **Kettering MS**

Kettering MS

Test Report: Radon in Air Test Results

Samples for EMSL Kit 136048

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229135	Room 132	0.5	1/8/2016	1/11/2016	60	50	Customer
381600278-0001			2:33:00 PM	6:39:00 PM			

Sample Notes:

229094	Room 132	0.5	1/8/2016	1/11/2016	60	50	Customer
381600278-0002			2:33:00 PM	6:39:00 PM			

Sample Notes:

Summary for EMSL Kit 136048 **Average Radon Result: 0.5 pCi/L**

Samples for EMSL Kit 136114

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
230397	Room 131	0.5	1/8/2016	1/11/2016	60	50	Customer
381600278-0003			2:34:00 PM	6:38:00 PM			

Sample Notes:

229825	Room 131	0.6	1/8/2016	1/11/2016	60	50	Customer
381600278-0004			2:34:00 PM	6:38:00 PM			

Sample Notes:

Summary for EMSL Kit 136114 **Average Radon Result: 0.6 pCi/L**

Samples for EMSL Kit 136047

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229075	Room 127	1.1	1/8/2016	1/11/2016	60	50	Customer
381600278-0005			2:35:00 PM	6:41:00 PM			

Sample Notes:

229029	Room 127	1.1	1/8/2016	1/11/2016	60	50	Customer
381600278-0006			2:35:00 PM	6:41:00 PM			

Sample Notes:

Summary for EMSL Kit 136047 **Average Radon Result: 1.1 pCi/L**

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Samples for EMSL Kit 136113

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
230313	Room 126	2.9	1/8/2016	1/11/2016	60	50	Customer
381600278-0007			2:36:00 PM	6:42:00 PM			

Sample Notes:

230321	Room 126	3.4	1/8/2016	1/11/2016	60	50	Customer
381600278-0008			2:36:00 PM	6:42:00 PM			

Sample Notes:

Summary for EMSL Kit 136113 Average Radon Result: 3.2 pCi/L

Samples for EMSL Kit 135953

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
228995	Room 135	0.5	1/8/2016	1/11/2016	60	50	Customer
381600278-0009			2:38:00 PM	6:35:00 PM			

Sample Notes:

228987	Room 135	0.5	1/8/2016	1/11/2016	60	50	Customer
381600278-0010			2:38:00 PM	6:35:00 PM			

Sample Notes:

Summary for EMSL Kit 135953 Average Radon Result: 0.5 pCi/L

Samples for EMSL Kit 135952

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
228962	Room 134	0.7	1/8/2016	1/11/2016	60	50	Customer
381600278-0011			2:40:00 PM	6:57:00 PM			

Sample Notes:

229048	Room 134	0.8	1/8/2016	1/11/2016	60	50	Customer
381600278-0012			2:40:00 PM	6:57:00 PM			

Sample Notes:

Summary for EMSL Kit 135952 Average Radon Result: 0.8 pCi/L

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Samples for EMSL Kit 135955

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
228998	Media Room	1.3	1/8/2016	1/11/2016	60	50	Customer
381600278-0013			2:43:00 PM	6:40:00 PM			

Sample Notes:

228952	Media Room	1.2	1/8/2016	1/11/2016	60	50	Customer
381600278-0014			2:43:00 PM	6:40:00 PM			

Sample Notes:

Summary for EMSL Kit 135955 **Average Radon Result: 1.3 pCi/L**

Samples for EMSL Kit 136062

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229607	Room 120	1.4	1/8/2016	1/11/2016	60	50	Customer
381600278-0015			2:44:00 PM	6:46:00 PM			

Sample Notes:

229140	Room 120	1.2	1/8/2016	1/11/2016	60	50	Customer
381600278-0016			2:44:00 PM	6:46:00 PM			

Sample Notes:

Summary for EMSL Kit 136062 **Average Radon Result: 1.3 pCi/L**

Samples for EMSL Kit 136061

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229526	Room 125	2.2	1/8/2016	1/11/2016	60	50	Customer
381600278-0017			2:45:00 PM	6:42:00 PM			

Sample Notes:

229509	Room 125	2.2	1/8/2016	1/11/2016	60	50	Customer
381600278-0018			2:45:00 PM	6:42:00 PM			

Sample Notes:

Summary for EMSL Kit 136061 **Average Radon Result: 2.2 pCi/L**

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Samples for EMSL Kit 136063

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229085	Room 123	3.9	1/8/2016	1/11/2016	60	50	Customer
381600278-0019			2:46:00 PM	6:43:00 PM			

Sample Notes:

229034	Room 123	3.9	1/8/2016	1/11/2016	60	50	Customer
381600278-0020			2:46:00 PM	6:43:00 PM			

Sample Notes:

Summary for EMSL Kit 136063 **Average Radon Result: 3.9 pCi/L**

Samples for EMSL Kit 136055

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229542	Room 162	0.2	1/8/2016	1/11/2016	60	50	Customer
381600278-0021			2:48:00 PM	6:44:00 PM			

Sample Notes:

229505	Room 162	0.2	1/8/2016	1/11/2016	60	50	Customer
381600278-0022			2:48:00 PM	6:44:00 PM			

Sample Notes:

Summary for EMSL Kit 136055 **Average Radon Result: 0.2 pCi/L**

Samples for EMSL Kit 136064

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229091	Room 165	0.1	1/8/2016	1/11/2016	60	50	Customer
381600278-0023			2:49:00 PM	6:45:00 PM			

Sample Notes:

228954	Room 165	0.2	1/8/2016	1/11/2016	60	50	Customer
381600278-0024			2:49:00 PM	6:45:00 PM			

Sample Notes:

Summary for EMSL Kit 136064 **Average Radon Result: 0.2 pCi/L**

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Project: **Kettering MS****Kettering MS****Test Report: Radon in Air Test Results****Samples for EMSL Kit 136000**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229593	Room 118	1.7	1/8/2016	1/11/2016	60	50	Customer
381600278-0025			2:52:00 PM	6:58:00 PM			

Sample Notes:

229561	Room 118	2	1/8/2016	1/11/2016	60	50	Customer
381600278-0026			2:52:00 PM	6:58:00 PM			

Sample Notes:**Summary for EMSL Kit 136000 Average Radon Result: 1.9 pCi/L****Samples for EMSL Kit 136051**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229488	Room 115	2.4	1/8/2016	1/11/2016	60	50	Customer
381600278-0027			2:56:00 PM	6:47:00 PM			

Sample Notes:

229487	Room 115	1.9	1/8/2016	1/11/2016	60	50	Customer
381600278-0028			2:56:00 PM	6:47:00 PM			

Sample Notes:**Summary for EMSL Kit 136051 Average Radon Result: 2.2 pCi/L****Samples for EMSL Kit 136065**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229216	Room 102	1.2	1/8/2016	1/11/2016	60	50	Customer
381600278-0029			2:58:00 PM	6:48:00 PM			

Sample Notes:

229057	Room 102	1	1/8/2016	1/11/2016	60	50	Customer
381600278-0030			2:58:00 PM	6:48:00 PM			

Sample Notes:**Summary for EMSL Kit 136065 Average Radon Result: 1.1 pCi/L**

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Project: **Kettering MS****Kettering MS****Test Report: Radon in Air Test Results****Samples for EMSL Kit 136049**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229519	Room 101	3.7	1/8/2016	1/11/2016	60	50	Customer
381600278-0031			3:00:00 PM	6:49:00 PM			

Sample Notes:

229500	Room 101	3.7	1/8/2016	1/11/2016	60	50	Customer
381600278-0032			3:00:00 PM	6:49:00 PM			

Sample Notes:**Summary for EMSL Kit 136049 Average Radon Result: 3.7 pCi/L****Samples for EMSL Kit 136053**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229636	Room 110	1.3	1/8/2016	1/11/2016	60	50	Customer
381600278-0033			3:00:00 PM	6:50:00 PM			

Sample Notes:

229499	Room 110	1.1	1/8/2016	1/11/2016	60	50	Customer
381600278-0034			3:00:00 PM	6:50:00 PM			

Sample Notes:**Summary for EMSL Kit 136053 Average Radon Result: 1.2 pCi/L****Samples for EMSL Kit 136050**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229512	Room 106	0.4	1/8/2016	1/11/2016	60	50	Customer
381600278-0035			3:02:00 PM	6:51:00 PM			

Sample Notes:

229083	Room 106	0.5	1/8/2016	1/11/2016	60	50	Customer
381600278-0036			3:02:00 PM	6:51:00 PM			

Sample Notes:**Summary for EMSL Kit 136050 Average Radon Result: 0.4 pCi/L**

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Project: **Kettering MS****Kettering MS****Test Report: Radon in Air Test Results****Samples for EMSL Kit 136054**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229208	Main Office	1.2	1/8/2016	1/11/2016	60	50	Customer
381600278-0037			3:03:00 PM	6:52:00 PM			

Sample Notes:

229126	Main Office	1.1	1/8/2016	1/11/2016	60	50	Customer
381600278-0038			3:03:00 PM	6:52:00 PM			

Sample Notes:**Summary for EMSL Kit 136054 Average Radon Result: 1.2 pCi/L****Samples for EMSL Kit 136116**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
230414	Room 141	0.3	1/8/2016	1/11/2016	60	50	Customer
381600278-0039			3:04:00 PM	6:53:00 PM			

Sample Notes:

230306	Room 141	0.3	1/8/2016	1/11/2016	60	50	Customer
381600278-0040			3:04:00 PM	6:53:00 PM			

Sample Notes:**Summary for EMSL Kit 136116 Average Radon Result: 0.3 pCi/L****Samples for EMSL Kit 136052**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229610	Room 138	2.1	1/8/2016	1/11/2016	60	50	Customer
381600278-0041			3:05:00 PM	6:54:00 PM			

Sample Notes:

229575	Room 138	2.5	1/8/2016	1/11/2016	60	50	Customer
381600278-0042			3:05:00 PM	6:54:00 PM			

Sample Notes:**Summary for EMSL Kit 136052 Average Radon Result: 2.3 pCi/L**

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Project: **Kettering MS****Kettering MS****Test Report: Radon in Air Test Results****Samples for EMSL Kit 136117**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229822	Stage	0.9	1/8/2016	1/11/2016	60	50	Customer
381600278-0043			3:06:00 PM	6:52:00 PM			

Sample Notes:

229803	Stage	0.8	1/8/2016	1/11/2016	60	50	Customer
381600278-0044			3:06:00 PM	6:52:00 PM			

Sample Notes:**Summary for EMSL Kit 136117 Average Radon Result: 0.9 pCi/L****Samples for EMSL Kit 136115**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
230166	Room 10T	0.7	1/8/2016	1/11/2016	60	50	Customer
381600278-0045			3:08:00 PM	6:53:00 PM			

Sample Notes:

229437	Room 10T	0.7	1/8/2016	1/11/2016	60	50	Customer
381600278-0046			3:08:00 PM	6:53:00 PM			

Sample Notes:**Summary for EMSL Kit 136115 Average Radon Result: 0.7 pCi/L****Samples for EMSL Kit 135958**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
228945	Dance Room	2.5	1/8/2016	1/11/2016	60	50	Customer
381600278-0047			3:10:00 PM	6:34:00 PM			

Sample Notes:

228965	Dance Room	2	1/8/2016	1/11/2016	60	50	Customer
381600278-0048			3:10:00 PM	6:34:00 PM			

Sample Notes:**Summary for EMSL Kit 135958 Average Radon Result: 2.3 pCi/L**

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 (48)

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 01/15/2016 11:03:49

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