

**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: 381613025
 CustomerID: PGCS62
 CustomerPO:
 ProjectID:

Attn: **Alex Baylor**
Prince George's County School
13306 Old Marlboro Pike
Uppr Marlboro, MD 20772

Phone: (301) 952-6760
 Fax: (301) 952-0346
 Received: 12/07/16 1:45 PM
 Analysis Date: 12/8/2016
 Collected: 12/2/2016

Project: **Central High School**

Test Site: **Central High School**
200 Cabin Branch Rd
Capitol Heights, MD 20743

Test Report: Radon in Air Test Results**Samples for EMSL Kit 135989**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229645	Main Office	0.5	12/2/2016	12/5/2016	70	50	Customer
381613025-0001			4:34:00 PM	7:32:00 AM			

Sample Notes:

229626	Main Office	0.4	12/2/2016	12/5/2016	70	50	Customer
381613025-0002			4:34:00 PM	7:32:00 AM			

Sample Notes:

Summary for EMSL Kit 135989 **Average Radon Result: 0.4 pCi/L**

Samples for EMSL Kit 135691

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
230006	Room 100	0.6	12/2/2016	12/5/2016	70	50	Customer
381613025-0003			4:36:00 PM	7:33:00 AM			

Sample Notes:

229933	Room 100	0.6	12/2/2016	12/5/2016	70	50	Customer
381613025-0004			4:36:00 PM	7:33:00 AM			

Sample Notes:

Summary for EMSL Kit 135691 **Average Radon Result: 0.6 pCi/L**

Samples for EMSL Kit 135833

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229362	Room 101A	0.2	12/2/2016	12/5/2016	70	50	Customer
381613025-0005			4:37:00 PM	7:34:00 AM			

Sample Notes:

229151	Room 101A	0.1	12/2/2016	12/5/2016	70	50	Customer
381613025-0006			4:37:00 PM	7:34:00 AM			

Sample Notes:

Summary for EMSL Kit 135833 **Average Radon Result: 0.2 pCi/L**

Samples for EMSL Kit 140246

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
236931	Room 101	0.3	12/2/2016	12/5/2016	70	50	Customer
381613025-0007			4:38:00 PM	7:35:00 AM			

Sample Notes:

Summary for EMSL Kit 140246 **Average Radon Result: 0.3 pCi/L**

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 135816**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229309	Room 105	1	12/2/2016	12/5/2016	70	50	Customer
381613025-0008			4:39:00 PM	7:36:00 AM			

Sample Notes:

229148	Room 105	1	12/2/2016	12/5/2016	70	50	Customer
381613025-0009			4:39:00 PM	7:36:00 AM			

Sample Notes:

Summary for EMSL Kit 135816 **Average Radon Result: 1.0 pCi/L**

Samples for EMSL Kit 144989

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
244402	Room 106	0.3	12/2/2016	12/5/2016	70	50	Customer
381613025-0010			4:40:00 PM	7:37:00 AM			

Sample Notes:**Samples for EMSL Kit 138960**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
234774	Room 109	0.4	12/2/2016	12/5/2016	70	50	Customer
381613025-0011			4:41:00 PM	7:38:00 AM			

Sample Notes:**Samples for EMSL Kit 143985**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243126	Library	0.6	12/2/2016	12/5/2016	70	50	Customer
381613025-0012			4:56:00 PM	7:52:00 AM			

Sample Notes:

243585	Library	0	12/2/2016	12/5/2016	70	50	Blank
381613025-0013			4:56:00 PM	7:52:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 135995**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229524	Room 200	0.4	12/2/2016	12/5/2016	70	50	Customer
381613025-0014			4:42:00 PM	7:41:00 AM			

Sample Notes:

229498	Room 200	0.4	12/2/2016	12/5/2016	70	50	Customer
381613025-0015			4:42:00 PM	7:41:00 AM			

Sample Notes:

Summary for EMSL Kit 135995 **Average Radon Result: 0.4 pCi/L**

Samples for EMSL Kit 135999

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229603	Room 201	0.4	12/2/2016	12/5/2016	70	50	Customer
381613025-0016			4:43:00 PM	7:42:00 AM			

Sample Notes:

229515	Room 201	0.3	12/2/2016	12/5/2016	70	50	Customer
381613025-0017			4:43:00 PM	7:42:00 AM			

Sample Notes:

Summary for EMSL Kit 135999 **Average Radon Result: 0.4 pCi/L**

Samples for EMSL Kit 135802

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229370	Room 204	1.1	12/2/2016	12/5/2016	70	50	Customer
381613025-0018			4:44:00 PM	7:40:00 AM			

Sample Notes:

229350	Room 204	1.3	12/2/2016	12/5/2016	70	50	Customer
381613025-0019			4:44:00 PM	7:40:00 AM			

Sample Notes:

Summary for EMSL Kit 135802 **Average Radon Result: 1.2 pCi/L**

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 144088**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243090	Room 203	0.3	12/2/2016	12/5/2016	70	50	Customer
381613025-0020			4:45:00 PM	7:39:00 AM			

Sample Notes:

243700	Room 203	0.2	12/2/2016	12/5/2016	70	50	Duplicate
381613025-0021			4:45:00 PM	7:39:00 AM			

Sample Notes:

Duplicate RPD = 40%

Samples for EMSL Kit 144980

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
244504	Room 212	0.1	12/2/2016	12/5/2016	70	50	Customer
381613025-0022			4:47:00 PM	7:43:00 AM			

Sample Notes:**Samples for EMSL Kit 144008**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243133	Room 216	0.8	12/2/2016	12/5/2016	70	50	Customer
381613025-0023			4:48:00 PM	7:44:00 AM			

Sample Notes:

243761	Room 216	0.7	12/2/2016	12/5/2016	70	50	Duplicate
381613025-0024			4:48:00 PM	7:44:00 AM			

Sample Notes:

Duplicate RPD = 13.3%

Samples for EMSL Kit 144018

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243120	Room 217	0.3	12/2/2016	12/5/2016	70	50	Customer
381613025-0025			4:49:00 PM	7:45:00 AM			

Sample Notes:

241497	Room 217	0.3	12/2/2016	12/5/2016	70	50	Duplicate
381613025-0026			4:49:00 PM	7:45:00 AM			

Sample Notes:

Duplicate RPD = 0%

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 135839**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
229308	Room 220	1.3	12/2/2016	12/5/2016	70	50	Customer
381613025-0027			4:50:00 PM	7:46:00 AM			

Sample Notes:

229116	Room 220	1.2	12/2/2016	12/5/2016	70	50	Customer
381613025-0028			4:50:00 PM	7:46:00 AM			

Sample Notes:

Summary for EMSL Kit 135839 **Average Radon Result: 1.3 pCi/L**

Samples for EMSL Kit 144961

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
244490	Child Dev.	1	12/2/2016	12/5/2016	70	50	Customer
381613025-0029			4:51:00 PM	7:47:00 AM			

Sample Notes:**Samples for EMSL Kit 145017**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
244539	Room 225A	0.2	12/2/2016	12/5/2016	70	50	Customer
381613025-0030			4:52:00 PM	7:48:00 AM			

Sample Notes:**Samples for EMSL Kit 145040**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
244352	Room 209	0.3	12/2/2016	12/5/2016	70	50	Customer
381613025-0031			4:53:00 PM	7:50:00 AM			

Sample Notes:**Samples for EMSL Kit 144079**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242935	Room 210	0.4	12/2/2016	12/5/2016	70	50	Customer
381613025-0032			4:54:00 PM	7:49:00 AM			

Sample Notes:

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Test Report: Radon in Air Test Results**Samples for EMSL Kit 144030**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242930	Room 205	0.4	12/2/2016	12/5/2016	70	50	Customer
381613025-0033			4:55:00 PM	7:51:00 AM			

Sample Notes:**Samples for EMSL Kit 144029**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
243138	Room 111	0.2	12/2/2016	12/5/2016	70	50	Customer
381613025-0034			4:56:00 PM	7:53:00 AM			

Sample Notes:**Samples for EMSL Kit 144019**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
242916	Room 110	0.1	12/2/2016	12/5/2016	70	50	Customer
381613025-0035			4:57:00 PM	7:54:00 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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Test Report: Radon in Air Test Results

Analyst(s)

Tiffanie Ruggiero (35)

Laura Freeman Peixue Ma

Laura Freeman, Radon Laboratory Manager &
Peixue Ma, Ph.D, NJ Radon Measurement Specialist NJ MES
13502

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.

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, IL RNL2008202..

Initial report from 12/12/2016 11:48:41

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