

Site Radon Inspection Report

Date : 10/29/2018

Mr. Bryan Hogan
MEDFORD SCHOOL DISTRICT
815 South Oakdale Avenue
Medford, OR 97501-Client: Roosevelt Middle School
Test Location: 1212 Queen Anne Avenue
Medford, OR 97504-

Individual Canister Results

Canister ID# : 2612017 Test Start : 10/22/2018 @ 05:53
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:03
Location : 1st FL- Custodial Room Received: 10/29/2018 @ 11:17
Radon Level : 0.8 pCi/L Analyzed: 10/30/2018 @ 16:36
Error for Measurement is: ± 0.5 pCi/L

Canister ID# : 2612029 Test Start : 10/22/2018 @ 06:09
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:12
Location : 1st FL- Gym #1 Received: 10/29/2018 @ 11:17
Radon Level : 0.6 pCi/L Analyzed: 10/30/2018 @ 17:48
Error for Measurement is: ± 0.5 pCi/L

Canister ID# : 2612048 Test Start : 10/22/2018 @ 05:58
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:08
Location : 1st FL- Room 110 Received: 10/29/2018 @ 11:17
Radon Level : 0.7 pCi/L Analyzed: 10/30/2018 @ 16:51
Error for Measurement is: ± 0.6 pCi/L

Canister ID# : 2612050 Test Start : 10/22/2018 @ 06:06
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:13
Location : 1st FL- Room 113 Received: 10/29/2018 @ 11:17
Radon Level : 0.3 pCi/L Analyzed: 10/30/2018 @ 16:36
Error for Measurement is: ± 0.5 pCi/L

Canister ID# : 2612055 Test Start : 10/22/2018 @ 05:21
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:29
Location : 1st FL- Commons #2 Received: 10/29/2018 @ 11:17
Radon Level : 0.9 pCi/L Analyzed: 10/30/2018 @ 17:48
Error for Measurement is: ± 0.5 pCi/L

Canister ID# : 2612070 Test Start : 10/22/2018 @ 06:02
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:07
Location : 1st FL- Room 121 Received: 10/29/2018 @ 11:17
Radon Level : 1.7 pCi/L Analyzed: 10/30/2018 @ 17:46
Error for Measurement is: ± 0.6 pCi/L

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Radon Measurement Specialist
NJ MES 11089*Dante Galan*Dante Galan
Laboratory DirectorNRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
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Individual Canister Results

Canister ID# : 2612090 Test Start : 10/22/2018 @ 05:23
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:30
Location : 1st FL- Main Office Received: 10/29/2018 @ 11:17
Radon Level : 1.0 pCi/L Analyzed: 10/30/2018 @ 16:34
Error for Measurement is: \pm 0.7 pCi/L

Canister ID# : 2612097 Test Start : 10/22/2018 @ 06:00
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:07
Location : 1st FL- Cafeteria Received: 10/29/2018 @ 11:17
Radon Level : 1.2 pCi/L Analyzed: 10/30/2018 @ 17:48
Error for Measurement is: \pm 0.6 pCi/L

Canister ID# : 2612102 Test Start : 10/22/2018 @ 06:11
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:13
Location : 1st FL- Gym #2 Received: 10/29/2018 @ 11:17
Radon Level : 0.4 pCi/L Analyzed: 10/30/2018 @ 16:34
Error for Measurement is: \pm 0.7 pCi/L

Canister ID# : 2612103 Test Start : 10/22/2018 @ 06:02
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:11
Location : 1st FL- Room 114 Received: 10/29/2018 @ 11:17
Radon Level : 1.0 pCi/L Analyzed: 10/30/2018 @ 17:29
Error for Measurement is: \pm 0.6 pCi/L

Canister ID# : 2612112 Test Start : 10/22/2018 @ 06:11
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:13
Location : 1st FL- Gym #2 Received: 10/29/2018 @ 11:17
Radon Level : 0.4 pCi/L Analyzed: 10/30/2018 @ 17:29
Error for Measurement is: \pm 0.6 pCi/L

Canister ID# : 2612468 Test Start : 10/22/2018 @ 06:15
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:18
Location : 1st FL- Gym -Blank Received: 10/29/2018 @ 11:17
Radon Level : 0.1 pCi/L Analyzed: 10/30/2018 @ 16:51
Error for Measurement is: \pm 0.1 pCi/L



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Canister ID# : 2612477 Test Start : 10/22/2018 @ 06:05
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:09
Location : 1st FL- Room 120 Received: 10/29/2018 @ 11:17
Radon Level : 1.1 pCi/L Analyzed: 10/30/2018 @ 17:46
Error for Measurement is: ± 0.6 pCi/L

Canister ID# : 2612559 Test Start : 10/22/2018 @ 05:57
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:04
Location : 1st FL- Music Room Received: 10/29/2018 @ 11:17
Radon Level : 0.8 pCi/L Analyzed: 10/30/2018 @ 16:52
Error for Measurement is: ± 0.6 pCi/L

Canister ID# : 2612561 Test Start : 10/22/2018 @ 05:31
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:35
Location : 1st FL- Room 140C Office Received: 10/29/2018 @ 11:17
Radon Level : 0.7 pCi/L Analyzed: 10/30/2018 @ 16:34
Error for Measurement is: ± 0.6 pCi/L

Canister ID# : 2612570 Test Start : 10/22/2018 @ 09:50
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 09:50
Location : 1st FL- Gym Off B Received: 10/29/2018 @ 11:17
Radon Level : 16.5 pCi/L Analyzed: 10/30/2018 @ 16:34
Error for Measurement is: ± 1.0 pCi/L

This is a quality control test known as a spike. This canister has never been on the school site.

Canister ID# : 2619354 Test Start : 10/22/2018 @ 05:29
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:33
Location : 1st FL- Room 140 Received: 10/29/2018 @ 11:17
Radon Level : 0.7 pCi/L Analyzed: 10/30/2018 @ 17:48
Error for Measurement is: ± 0.5 pCi/L

Canister ID# : 2619413 Test Start : 10/22/2018 @ 05:27
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:32
Location : 1st FL- Health room Received: 10/29/2018 @ 11:17
Radon Level : 1.0 pCi/L Analyzed: 10/30/2018 @ 16:36
Error for Measurement is: ± 0.5 pCi/L



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Individual Canister Results

Canister ID# : 2619417 Test Start : 10/22/2018 @ 05:36
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:39
Location : 1st FL- Room 142 Received: 10/29/2018 @ 11:17
Radon Level : 0.7 pCi/L Analyzed: 10/30/2018 @ 16:51
Error for Measurement is: ± 0.7 pCi/L

Canister ID# : 2619418 Test Start : 10/22/2018 @ 05:34
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:37
Location : 1st FL- Room 141 Received: 10/29/2018 @ 11:17
Radon Level : 1.0 pCi/L Analyzed: 10/30/2018 @ 17:48
Error for Measurement is: ± 0.6 pCi/L

Canister ID# : 2619422 Test Start : 10/22/2018 @ 05:40
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:41
Location : 1st FL- Room 143 Received: 10/29/2018 @ 11:17
Radon Level : 1.4 pCi/L Analyzed: 10/30/2018 @ 17:29
Error for Measurement is: ± 0.6 pCi/L

Canister ID# : 2619429 Test Start : 10/22/2018 @ 06:00
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:07
Location : 1st FL- Cafeteria Received: 10/29/2018 @ 11:17
Radon Level : 0.6 pCi/L Analyzed: 10/30/2018 @ 17:48
Error for Measurement is: ± 0.6 pCi/L

Canister ID# : 2619431 Test Start : 10/22/2018 @ 06:03
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:08
Location : 1st FL- Cafeteria-Blank Received: 10/29/2018 @ 11:17
Radon Level : 0.1 pCi/L Analyzed: 10/30/2018 @ 17:48
Error for Measurement is: ± No Result

Canister ID# : 2619440 Test Start : 10/22/2018 @ 05:25
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:31
Location : 1st FL- Principals Office Received: 10/29/2018 @ 11:17
Radon Level : 0.8 pCi/L Analyzed: 10/30/2018 @ 17:48
Error for Measurement is: ± 0.5 pCi/L



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Canister ID# : 2619444 Test Start : 10/22/2018 @ 05:18
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:28
Location : 1st FL- Commons #1 Received: 10/29/2018 @ 11:17
Radon Level : 0.9 pCi/L Analyzed: 10/30/2018 @ 17:46
Error for Measurement is: \pm 0.6 pCi/L

Canister ID# : 2619456 Test Start : 10/22/2018 @ 05:36
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 05:39
Location : 1st FL- Room 142 Received: 10/29/2018 @ 11:17
Radon Level : 0.7 pCi/L Analyzed: 10/30/2018 @ 16:36
Error for Measurement is: \pm 0.6 pCi/L

Canister ID# : 2619464 Test Start : 10/22/2018 @ 09:50
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 09:50
Location : 1st FL- Gym Off A Received: 10/29/2018 @ 11:17
Radon Level : 20.1 pCi/L Analyzed: 10/30/2018 @ 17:46
Error for Measurement is: \pm 0.9 pCi/L

This is a quality control test known as a spike. This canister has never been on the school site.

Canister ID# : 2679252 Test Start : 10/22/2018 @ 06:00
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:06
Location : 1st FL- Room 122 Received: 10/29/2018 @ 11:17
Radon Level : 0.9 pCi/L Analyzed: 10/30/2018 @ 16:36
Error for Measurement is: \pm 0.5 pCi/L

Canister ID# : 2681496 Test Start : 10/22/2018 @ 06:16
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:18
Location : 1st FL- Room 111 Received: 10/29/2018 @ 11:17
Radon Level : 0.8 pCi/L Analyzed: 10/30/2018 @ 16:36
Error for Measurement is: \pm 0.5 pCi/L

Canister ID# : 2681506 Test Start : 10/22/2018 @ 06:08
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:15
Location : 1st FL- Room 112 Received: 10/29/2018 @ 11:17
Radon Level : 1.2 pCi/L Analyzed: 10/30/2018 @ 16:36
Error for Measurement is: \pm 0.6 pCi/L



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Canister ID# : 2681622 Test Start : 10/22/2018 @ 06:14
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:15
Location : 1st FL- Room 112-Blank Received: 10/29/2018 @ 11:17
Radon Level : 0.1 pCi/L Analyzed: 10/30/2018 @ 16:34
Error for Measurement is: ± 0.2 pCi/L

Canister ID# : 2681669 Test Start : 10/22/2018 @ 06:19
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:23
Location : 1st FL- Room 110 B Received: 10/29/2018 @ 11:17
Radon Level : 1.2 pCi/L Analyzed: 10/30/2018 @ 16:34
Error for Measurement is: ± 0.6 pCi/L

Canister ID# : 2681678 Test Start : 10/22/2018 @ 06:23
Canister Type : Charcoal Canister 3 inch Test Stop : 10/24/2018 @ 06:25
Location : 1st FL- Room 110D Received: 10/29/2018 @ 11:17
Radon Level : 1.1 pCi/L Analyzed: 10/30/2018 @ 16:36
Error for Measurement is: ± 0.5 pCi/L

The results indicate that at least one testing device registered at or above the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends mitigation if the average of two short-term tests taken in the lowest level of the building suitable for occupancy show radon levels that are equal to or greater than 4.0 pCi/L.

For information on how to reduce radon levels in your home, please review the EPA booklet: Consumer's Guide to Radon Reduction (www.epa.gov/radon/pdfs/consgrid.pdf) and contact your state health department. The EPA maintains a radon information website, including copies of its publications, at www.epa.gov/iaq/radon.

For New Jersey clients: Please see the attached guidance document entitled Radon Testing and Mitigation: The Basics for further information.

For New York clients: If the radon level of one or more testing devices is equal to or exceeds 20 pCi/L please contact the New York State Department of Health, Bureau of Environmental Radiation Protection, for technical advice and



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PLEDGE OF ASSURED QUALITY

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of radon in air (EPA 402-R-92-004). The analytical results relate only to the samples tested, in the condition received by the lab, and that calculations were based upon the information supplied by client. RTCA and its personnel do not assume responsibility or liability, collectively and individually, for analysis results when detectors have been improperly handled or placed by the consumer, nor does RTCA and its personnel accept responsibility for any financial or health consequences of subsequent action or lack of action, taken



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