

COMMERCIAL RADON REPORT

Date: 2/11/16

Page: 1 of 9

School District: Aurora Public Schools

Address: 1369 Airport Boulevard
Aurora, Colorado 80011

Attention: Environmental Compliance

Tele/E-Mail: (303)367-3000 ext. 28621 / bawalker@aps.k12.co.us

Canisters placed at **Molsey K8 55 N. Salida Way** Aurora, CO 80011

Canister #	Location	Radon Level pCi/L ± Error
1. 75426	C116	0.48 ± 0.07pCi/L
2. 75421	C115	0.45 ± 0.09 pCi/L
3. 75378	C114	0.81 ± 0.08 pCi/L
4. 72425	C113	0.92 ± 0.08 pCi/L
5. 75415	C112	1.04 ± 0.10 pCi/L
6. 75403	C111	1.11 ± 0.08 pCi/L
7. 75402	C118	0.65 ± 0.10 pCi/L
8. 75434	C118 Dup	0.59 ± 0.09 pCi/L
Relative Percent Difference = 9.7 %		Avg. = 0.62 pCi/L

Since our laboratory does not place the canisters nor monitor the conditions and the time under which the canister is exposed, we are unable to guarantee the integrity of any part of the testing procedure except for that portion for which we are directly responsible; the handling and quality assurance procedures of the canisters up until the time they leave our lab and the accuracy (within statistically imposed limits) of the actual measuring process in our lab.

E- Mail Date: 2/11/16

By: Thomas Jeffrey Brown

RADON Measurements Lab, 1420 Austin Bluffs Parkway, UCCS Engineering Building
Room 215, Colorado Springs, CO 80918

Jim_6_for the Lab.vi

File Edit Operate Tools Window Help

Product Analyzed by Radon Measurements Lab

University of Colorado, Colorado Springs
1420 Austin Bluffs Parkway, Colorado Springs CO 80918
(719) 255-3584

System daily calibration

Standard for system #1: 88468 Background for system #1: 1987 Standard for system #2: 85172 Background for system #2: 3098

Step 1: Enter the canister number

75426

Step 2: Are you using system 1 or #1 #2

#1 #2

Step 3: Enter all three dates and times below:

Start Date/Time: 09:00 02/08/16

Stop Date/Time: 09:00 02/10/16

Read Date/Time: 13:34 02/11/16

If the button below is lit red, you are reading canister to soon

If the button below is lit red, the exposure time is too short

Step 4: Is this a diffusion barrier canister?

No Yes

Step 5: Is this a Gold Seal

No Yes

Step 6: Please enter the rest of the data available:

Gross counts: 2425 Water gain in grams: 1.3

Step 7: The numbers below are to be entered or changed by Dr. Burkhardt only:

Calibration: 0.130 Manually calculated adjustment: 0

Results of the measurements

Efficiency 1	Efficiency 2
0.376	0.357
Adjustment Factor	
0.993	
The calibration factor	
0.124	
Exposure Time in Minutes	
2880	
The radon level (PCi/L)	Accuracy, %
0.48	15.1
	Accuracy, PCi/L
	0.07

Name of Company: Aurora Public Schools

Name of Addressee: Mosley K8

Comments?: C116

Report sent on: 13:51 02/11/16

Report sent by: email fax mail **Initials:** TJB

Address of test:

Street: 55 N. Salida Way

City: Aurora

State: CO

Zip: 80011

Please check the data

75426, Aurora Public Schools, Mosley K8, 55 N. Salida Way, Aurora, CO, 80011, 2/8/2016, 0

OK Cancel

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File Edit Operate Tools Window Help

Product Analyzed by Radon Measurements Lab

University of Colorado, Colorado Springs
1420 Austin Bluffs Parkway, Colorado Springs CO 80918
(719) 255-3584

System daily calibration

Standard for system #1: 88468 Background for system #1: 1987 Standard for system #2: 85172 Background for system #2: 3098

Step 1: Enter the canister number

75421

Step 2: Are you using system 1 or #1 #2

#1 #2

Step 3: Enter all three dates and times below:

Start Date/Time: 09:00 02/08/16

Stop Date/Time: 09:00 02/10/16

Read Date/Time: 13:57 02/11/16

If the button below is lit red, you are reading canister to soon

If the button below is lit red, the exposure time is too short

Step 4: Is this a diffusion barrier canister?

No Yes

Step 5: Is this a Gold Seal

No Yes

Step 6: Please enter the rest of the data available:

Gross counts: 3486 Water gain in grams: 0.9

Step 7: The numbers below are to be entered or changed by Dr. Burkhardt only:

Calibration: 0.130 Manually calculated adjustment: 0

Results of the measurements

Efficiency 1: 0.376 Efficiency 2: 0.357

Adjustment Factor: 0.996

The calibration factor: 0.126

Exposure Time in Minutes: 2880

The radon level (PCi/L): 0.45 Accuracy, %: 20.9

Accuracy, PCI/L: 0.09

Name of Company: Aurora Public Schools **Street:** 55 N. Salida Way

Name of Addressee: Mosley K8 **City:** Aurora

Comments?: C115 **State:** CO

Report sent on: 14:09 02/11/16 **Zip:** 80011

Report sent by: email fax mail **Initials:** TJB

Please check the data

75421, Aurora Public Schools, Mosley K8, 55 N. Salida Way, Aurora, CO, 80011, 2/8/2016, 0

OK Cancel

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Product Analyzed by Radon Measurements Lab

University of Colorado, Colorado Springs
1420 Austin Bluffs Parkway, Colorado Springs CO 80918
(719) 255-3584

System daily calibration

Standard for system #1: 88468 Background for system #1: 1987 Standard for system #2: 85172 Background for system #2: 3098

Step 1: Enter the canister number

75378

Step 2: Are you using system 1 or

#1 #2

Step 3: Enter all three dates and times below:

Start Date/Time: 09:00 02/08/16

Stop Date/Time: 09:00 02/10/16

Read Date/Time: 13:46 02/11/16

If the button below is lit red, you are reading canister to soon

If the button below is lit red, the exposure time is too short

Step 4: Is this a diffusion barrier canister?

No Yes

Step 5: Is this a Gold Seal

No Yes

Step 6: Please enter the rest of the data available:

Gross counts: 2722 Water gain in grams: 1.2

Step 7: The numbers below are to be entered or changed by Dr. Burkhardt only:

Calibration: 0.130 Manually calculated adjustment: 0

Results of the measurements

Efficiency 1: 0.376 Efficiency 2: 0.357

Adjustment Factor: 0.993

The calibration factor: 0.125

Exposure Time in Minutes: 2880

The radon level (PCi/L): 0.81 Accuracy, %: 9.34

Accuracy, PCI/L: 0.08

Name of Company: Aurora Public Schools **Street:** 55 N. Salida Way

Name of Addressee: Mosley K8 **City:** Aurora

Comments?: C114 **State:** CO

Report sent on: 13:51 02/11/16 **Zip:** 80011

Report sent by: email fax mail **Initials:** TJB

Please check the data

75378, Aurora Public Schools, Mosley K8, 55 N. Salida Way, Aurora, CO, 80011, 2/8/2016, 1

OK Cancel

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File Edit Operate Tools Window Help

Product Analyzed by Radon Measurements Lab

University of Colorado, Colorado Springs
1420 Austin Bluffs Parkway, Colorado Springs CO 80918
(719) 255-3584

System daily calibration
 Standard for system #1: 88468
 Background for system #1: 1987
 Standard for system #2: 85172
 Background for system #2: 3098

Step 1: Enter the canister number

75425

Step 2: Are you using system 1 or #1 #2

Step 3: Enter all three dates and times below:

Start Date/Time: 09:00 02/08/16

Stop Date/Time: 09:00 02/10/16

Read Date/Time: 14:08 02/11/16

If the button below is lit red, you are reading canister to soon

If the button below is lit red, the exposure time is too short

Step 4: Is this a diffusion barrier canister?

No Yes

Step 5: Is this a Gold Seal

No Yes

Step 6: Please enter the rest of the data available:

Gross counts: 2819 Water gain in grams: 1.2

Step 7: The numbers below are to be entered or changed by Dr. Burkhardt only:

Calibration: 0.130 Manually calculated adjustment: 0

Results of the measurements

Efficiency 1: 0.376 Efficiency 2: 0.357

Adjustment Factor: 0.993

The calibration factor: 0.125

Exposure Time in Minutes: 2880

The radon level (PCi/L): 0.92 Accuracy, %: 8.33

Accuracy, PCi/L: 0.08

Name of Company: Aurora Public Schools

Name of Addressee: Mosley K8

Comments?: C113

Report sent on: 14:27 02/11/16

Address of test:

Street: 55 N. Salida Way

City: Aurora

State: CO

Zip: 80011

Report sent by: email fax mail **Initials:** TJB

Please check the data: 75425, Aurora Public Schools, Mosley K8, 55 N. Salida Way, Aurora, CO, 80011, 2/8/2016, 1

OK Cancel

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File Edit Operate Tools Window Help

Product Analyzed by Radon Measurements Lab

University of Colorado, Colorado Springs
1420 Austin Bluffs Parkway, Colorado Springs CO 80918
(719) 255-3584

System daily calibration

Standard for system #1: 88468 Background for system #1: 1987 Standard for system #2: 85172 Background for system #2: 3098

Step 1: Enter the canister number

75415

Step 2: Are you using system 1 or

#1 #2

Step 3: Enter all three dates and times below:

Start Date/Time: 09:00 02/08/16
If the button below is lit red, you are reading canister too soon

Stop Date/Time: 09:00 02/10/16
If the button below is lit red, the exposure time is too short

Read Date/Time: 13:34 02/11/16

Step 4: Is this a diffusion barrier canister?

No Yes

Step 5: Is this a Gold Seal

No Yes

Step 6: Please enter the rest of the data available:

Gross counts: 3995 Water gain in grams: 1.2

Step 7: The numbers below are to be entered or changed by Dr. Burkhart only:

Calibration: 0.130 Manually calculated adjustment: 0

Results of the measurements

Efficiency 1: 0.376 Efficiency 2: 0.357

Adjustment Factor: 0.993

The calibration factor: 0.125

Exposure Time in Minutes: 2880

The radon level (PCi/L): 1.04 Accuracy, %: 9.39

Accuracy, PCi/L: 0.10

Name of Company: Aurora Public Schools

Name of Addressee: Mosley K8

Comments?: C112

Report sent on: 13:51 02/11/16

Report sent by: email fax mail **Initials:** TJB

Please check the data

75415, Aurora Public Schools, Mosley K8, 55 N. Salida Way, Aurora, CO, 80011, 2/8/2016, 1

OK Cancel

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File Edit Operate Tools Window Help

Product Analyzed by Radon Measurements Lab

University of Colorado, Colorado Springs
1420 Austin Bluffs Parkway, Colorado Springs CO 80918
(719) 255-3584

System daily calibration

Standard for system #1: 88468 Background for system #1: 1987 Standard for system #2: 85172 Background for system #2: 3098

Step 1: Enter the canister number

75403

Step 2: Are you using system 1 or

#1 #2

Step 3: Enter all three dates and times below:

Start Date/Time: 09:00 02/08/16

Stop Date/Time: 09:00 02/10/16

Read Date/Time: 13:57 02/11/16

If the button below is lit red, you are reading canister to soon

If the button below is lit red, the exposure time is too short

Step 4: Is this a diffusion barrier canister?

No Yes

Step 5: Is this a Gold Seal

No Yes

Step 6: Please enter the rest of the data available:

Gross counts: 2985 Water gain in grams: 1.3

Step 7: The numbers below are to be entered or changed by Dr. Burkhardt only:

Calibration: 0.130 Manually calculated adjustment: 0

Results of the measurements

Efficiency 1: 0.376 Efficiency 2: 0.357

Adjustment Factor: 0.993

The calibration factor: 0.124

Exposure Time in Minutes: 2880

The radon level (PCi/L): 1.11 Accuracy, %: 7.07

Accuracy, PCI/L: 0.08

Name of Company: Aurora Public Schools **Street:** 55 N. Salida Way

Name of Addressee: Mosley K8 **City:** Aurora

Comments?: C111 **State:** CO

Report sent on: 14:09 02/11/16 **Zip:** 80011

Report sent by: email fax mail **Initials:** TJB

Please check the data

75403, Aurora Public Schools, Mosley K8, 55 N. Salida Way, Aurora, CO, 80011, 2/8/2016, 1

OK Cancel

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Product Analyzed by Radon Measurements Lab

University of Colorado, Colorado Springs
1420 Austin Bluffs Parkway, Colorado Springs CO 80918
(719) 255-3584

System daily calibration

Standard for system #1: 88468 Background for system #1: 1987 Standard for system #2: 85172 Background for system #2: 3098

Step 1: Enter the canister number

75402

Step 2: Are you using system 1 or #1 #2

#1 #2

Step 3: Enter all three dates and times below:

Start Date/Time: 09:00 02/08/16

Stop Date/Time: 09:00 02/10/16

Read Date/Time: 13:46 02/11/16

If the button below is lit red, you are reading canister to soon

If the button below is lit red, the exposure time is too short

Step 4: Is this a diffusion barrier canister?

No Yes

Step 5: Is this a Gold Seal

No Yes

Step 6: Please enter the rest of the data available:

Gross counts: 3655 Water gain in grams: 1.2

Step 7: The numbers below are to be entered or changed by Dr. Burkhardt only:

Calibration: 0.130 Manually calculated adjustment: 0

Results of the measurements

Efficiency 1: 0.376 Efficiency 2: 0.357

Adjustment Factor: 0.993

The calibration factor: 0.125

Exposure Time in Minutes: 2880

The radon level (PCi/L): 0.65 Accuracy, %: 14.7

Accuracy, PCI/L: 0.10

Name of Company: Aurora Public Schools **Street:** 55 N. Salida Way

Name of Addressee: Mosley K8 **City:** Aurora

Comments?: C118 **State:** CO

Report sent on: 13:51 02/11/16 **Zip:** 80011

Report sent by: email fax mail **Initials:** TJB

Please check the data

75402, Aurora Public Schools, Mosley K8, 55 N. Salida Way, Aurora, CO, 80011, 2/8/2016, 1

OK Cancel

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File Edit Operate Tools Window Help

Product Analyzed by Radon Measurements Lab

University of Colorado, Colorado Springs
1420 Austin Bluffs Parkway, Colorado Springs CO 80918
(719) 255-3584

System daily calibration

Standard for system #1: 88468 Background for system #1: 1987 Standard for system #2: 85172 Background for system #2: 3098

Step 1: Enter the canister number

75434

Step 2: Are you using system 1 or

#1 #2

Step 3: Enter all three dates and times below:

Start Date/Time: 09:00 02/08/16

Stop Date/Time: 09:00 02/10/16

Read Date/Time: 14:08 02/11/16

If the button below is lit red, you are reading canister to soon

If the button below is lit red, the exposure time is too short

Step 4: Is this a diffusion barrier canister?

No Yes

Step 5: Is this a Gold Seal

No Yes

Step 6: Please enter the rest of the data available:

Gross counts: 3604 Water gain in grams: 1

Step 7: The numbers below are to be entered or changed by Dr. Burkhardt only:

Calibration: 0.130 Manually calculated adjustment: 0

Results of the measurements

Efficiency 1: 0.376 Efficiency 2: 0.357

Adjustment Factor: 0.993

The calibration factor: 0.125

Exposure Time in Minutes: 2880

The radon level (PCi/L): 0.59 Accuracy, %: 16.1

Accuracy, PCI/L: 0.09

Name of Company: Aurora Public Schools **Street:** 55 N. Salida Way

Name of Addressee: Mosley K8 **City:** Aurora

Comments?: C118 Dup **State:** CO

Report sent on: 14:27 02/11/16 **Report sent by:** email fax mail **Initials:** TJB

Zip: 80011

Address of test:

Please check the data

75434, Aurora Public Schools, Mosley K8, 55 N. Salida Way, Aurora, CO, 80011, 2/8/2016, 1

OK Cancel