Ontario School District , Jueer Elementary School 4744 Pioneer Rd Ontario OR 97914

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Radon Testing	Contact:	Erin O'hara-Rhines	Radon Testing Team	Bob Bennett	John Martinez	Doug Kaechele				·		-			 	.	 	- (:: - ::-	,	, , ,						Doors open				
	Square	Feet				883		1071	897	874	881	089	876		207	217	131		408	1289		950				950	3390		3390	
		Test results				0.9 pCi/L	1.2 pCi/L	0.9 pCi/L	0.8 pCi/L	1.5 pCi/L	0.7 pCi/L	1.0 pCi/L	1.0 pCi/L	0.1 pCi/L	1.1 pCi/L	0.9 pCi/L	0.9 pCi/L	25.0 pCi/L	1.0 pCi/L	1.0 pCi/L	1.3 pCi/L	6.4 pCi/L	0.1 pCi/L	5.8pCi/L	5.5pCi/L	1.3 pCi/L	1.4 pCi/L	1.5 pCi/L	1.3 pCi/L	27.6 pCi/L
	Type of test	D = detector kit				D	DUPLICATE	Q ,	O	Q	۵	D	Ο	BLANK	D	D	D	SPIKE	٥	D	DUPLICATE	D	BLANK	D	D	D	D	DUPLICATE	D	SPIKE
	Time	closed				5:11	5:11	5:09	5:07	5:04	5:02	5:01	4:59	4:58	4:55	4:56	4:53	8:26	4:52	4:50	4:50	4:47	5:15	14:30	14:30	18:18	4:44	4:44	18:18	8:26
	Date	Closed				1/31/2019	1/31/2019	1/31/2019	1/31/2019	1/31/2019	1/31/2019	1/31/2019	1/31/2019	1/28/2019	1/31/2019	1/31/2019	1/31/2019	1/30/2019	1/31/2019	1/31/2019	1/31/2019	1/31/2019	1/28/2019	2/14/2019	2/14/2019	3/1/2019	1/31/2019	1/31/2019	3/1/2019	1/30/2019
	Time	opened				4:46	4:46	4:49	4:54	4:52	5:03	5:01	4:57	4:57	5:06	5:05	5:08	8:26	5:09	5:11	5:11	5:14	5:14	11:50	11:50	7:20	5:17	5:17	7:20	8:26
	Date	penedo				1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/27/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	2/11/2019	2/11/2019	2/26/2019	1/28/2019	1/28/2019	2/26/2019	1/27/2019
	Canister	serial#				2727190	2727195	2727198	2727221	2727292	2727505	2727179	2727188	2727215	2727326	2727509	2727522	2727197	2727231	2727272	2727322	2727501	2727521	2727192	2736475	2727238	2727245	2727336	2727320	2727502
	Room description	(per the floor plan)				PI-CR0	PI-CR0	PI-CR1	PI-CR2	PI-CR3	PI-CR4	PI-CR5	PI-CR6	PI-CR6	80-Id	60-Id	PI-010	PI-010	PI-BR11	PI-LIB13	PI-LIB13	PI-CR14	PI-CR14	PI-CR14 ReTest 1	PI-CR14 ReTest 1	PI-CR14 ReTest 2	PI-GYM15	PI-GYM15	PI-Gym15 Re-Test	PI-GYM15

Date: 02/04/2019

ATTN: Bob Bennett ONTARIO SCHOOL DISTRICT 8 C 195 SW 3rd Avenue Ontario, OR 97914-

Client: Pioneer Elementary

Test Location: 4744 Pioneer Road

Ontario, OR 97914-

2727188

Individual Canister Results

Canister ID#:

Canister ID#: 2727179 Test Start: 01/28/2019 @ 05:01 Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 05:01 Main-PICR 5 Location: Received: 02/04/2019 @ 12:01 Radon Level: 1.0 pCi/L Analyzed: 02/05/2019 @ 16:12 Error for Measurement is: + 0.4 pCi/L

 Canister Type :
 Charcoal Canister 3 inch
 Test Stop :
 01/31/2019 @ 04:59

 Location :
 Main- PI CR 6
 Received:
 02/04/2019 @ 12:01

 Radon Level :
 1.0 pCi/L
 Analyzed:
 02/06/2019 @ 13:00

Error for Measurement is: ± 0.5 pCi/L

 Canister ID# :
 2727190
 Test Start :
 01/28/2019 @ 04:46

 Canister Type :
 Charcoal Canister 3 inch
 Test Stop :
 01/31/2019 @ 05:11

 Location :
 Main- PI CRO
 Received:
 02/04/2019 @ 12:01

 Radon Level :
 0.9 pCi/L
 Analyzed:
 02/06/2019 @ 11:22

Error for Measurement is: ± 0.4 pCi/L

 Canister ID#:
 2727195
 Test Start:
 01/28/2019 @ 04:46

 Canister Type:
 Charcoal Canister 3 inch
 Test Stop:
 01/31/2019 @ 05:11

 Location:
 Main- PI CRO DUP
 Received:
 02/04/2019 @ 12:01

 Poden Lovel:
 1.3 pGill

Radon Level: 1.2 pCi/L Analyzed: 02/05/2019 @ 17:16 Error for Measurement is: ± 0.4 pCi/L

Canister ID#: 2727197 Test Start: 01/27/2019 @ 08:26

 Canister Type :
 Charcoal Canister 3 inch
 Test Stop :
 01/30/2019 @ 08:26

 Location :
 Bsmt- PI O 10
 Received:
 02/04/2019 @ 12:01

 Radon Level :
 25.0 pCi/L
 Analyzed:
 02/05/2019 @ 16:40

Canister ID#: 2727198 Test Start: 01/28/2019 @ 04:49

 Canister Type :
 Charcoal Canister 3 inch
 Test Stop :
 01/31/2019 @ 05:09

 Location :
 Main- PI CR 1
 Received:
 02/04/2019 @ 12:01

 Radon Level :
 0.9 pCi/L
 Analyzed:
 02/05/2019 @ 15:21

Error for Measurement is: ± 0.3 pCi/L

Error for Measurement is: +



Andrew C. George

0.9 pCi/L

Andreas C. George Radon Measurement Specialist Dante Galan Laboratory Director

Test Start: 01/28/2019 @ 04:57

Date: 02/04/2019

ATTN: Bob Bennett ONTARIO SCHOOL DISTRICT 8 C 195 SW 3rd Avenue Ontario, OR 97914-

Client: Pioneer Elementary

Test Location: 4744 Pioneer Road

Ontario, OR 97914-

2727221

Individual Canister Results

Canister ID#:

Canister ID#: 2727215 Test Start: 01/28/2019 @ 04:57 Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 04:58 Location: BLANK Main-PI CR 6 Received: 02/04/2019 @ 12:01 Radon Level: 0.1 pCi/L Analyzed: 02/05/2019 @ 16:25 Error for Measurement is: ± 0.6 pCi/L

Test Start: 01/28/2019 @ 04:54 Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 05:07 Location: Main-PICR 2 Received: 02/04/2019 @ 12:01 Radon Level: 0.8 pCi/L Analyzed: 02/05/2019 @ 17:13

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2727231 Test Start: 01/28/2019 @ 05:09 Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 04:52 Bsmt-PI BR 11 Location: Received: 02/04/2019 @ 12:01

Radon Level: 1.0 pCi/L Analyzed: 02/06/2019 @ 11:58

Error for Measurement is: ± 0.4 pCi/L

Canister ID#: 2727245 Test Start: 01/28/2019 @ 05:17 Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 04:44 Location: Blank -Main-PI GYM 15 Received: 02/04/2019 @ 12:01

Radon Level: 1.4 pCi/L Analyzed: 02/06/2019 @ 11:22 Error for Measurement is: ± 0.4 pCi/L

Canister ID#: 2727272 Test Start: 01/28/2019 @ 05:11 Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 04:50 Location: Bsmt-PI LIB 13 Received: 02/04/2019 @ 12:01 Radon Level: 1.0 pCi/L Analyzed: 02/05/2019 @ 17:13

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2727292 Test Start: 01/28/2019 @ 04:52 Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 05:04 Location: Main-PICR 3 Received: 02/04/2019 @ 12:01

Radon Level: 1.5 pCi/L Analyzed: 02/05/2019 @ 17:13

Error for Measurement is: ± 0.4 pCi/L

fladress C. George

Andreas C. George Radon Measurement Specialist

NJ MES 11089

Dante Galan Laboratory Director



Date: 02/04/2019

ATTN: Bob Bennett ONTARIO SCHOOL DISTRICT 8 C 195 SW 3rd Avenue Ontario, OR 97914-

Client: Pioneer Elementary

Test Location: 4744 Pioneer Road

Ontario, OR 97914-

Individual Canister Results

Canister ID#: 2727322 Test Start: 01/28/2019 @ 05:11 Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 04:50 Location: Bsmt- PI LIB 13 DUP Received: 02/04/2019 @ 12:01 Radon Level: 1.3 pCi/L Analyzed: 02/05/2019 @ 17:13 Error for Measurement is: ± 0.4 pCi/L

Canister ID#: 2727326 Test Start: 01/28/2019 @ 05:06
Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 04:55

Location: Main-PI O 8 Received: 02/04/2019 @ 12:01 Radon Level: 1.1 pCi/L Analyzed: 02/06/2019 @ 11:58

Error for Measurement is: ± 0.4 pCi/L

Canister ID#: 2727336 Test Start: 01/28/2019 @ 05:17
Canister Type: Charcoal Canister 3 inch
Location: Blank -Main-PI GYM 15 Received: 02/04/2019 @ 12:01

Location: Blank -Main-PI GYM 15 Received: 02/04/2019 @ 12:01 Radon Level: 1.5 pCi/L Analyzed: 02/05/2019 @ 16:43 Error for Measurement is: ± 0.4 pCi/L

Canister ID#: 2727501 Test Start: 01/28/2019 @ 05:14

 Canister Type :
 Charcoal Canister 3 inch
 Test Stop :
 01/31/2019 @ 04:44

 Location :
 Main- PI CR 14
 Received:
 02/04/2019 @ 12:01

 Radon Level :
 6.4 pCi/L
 Analyzed:
 02/06/2019 @ 12:27

Radon Level: 6.4 pCi/L Analyzed: 02/06/2019 @ 12:27 Error for Measurement is: ± 0.6 pCi/L

Canister ID#: 2727502 Test Start: 01/27/2019 @ 08:26
Canister Type: Charcoal Canister 3 inch Test Stop: 01/30/2019 @ 08:36

 Location :
 Blank -Main-PI GYM 15
 Received:
 02/04/2019 @ 12:01

 Radon Level :
 27.6 pCi/L
 Analyzed:
 02/05/2019 @ 16:28

 Error for Measurement is: ±
 0.9 pCi/L

Canister ID#: 2727505 Test Start: 01/28/2019 @ 05:03
Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 05:02

Location : Main-PI CR 4 Received: 02/04/2019 @ 12:01
Radon Level : 0.7 pCi/L Analyzed: 02/05/2019 @ 16:58

Error for Measurement is: ± 0.4 pCi/L

Andrew C. George

Andreas C. George Radon Measurement Specialist

Dante Galan Laboratory Director



Date: 02/04/2019

ATTN: Bob Bennett ONTARIO SCHOOL DISTRICT 8 C 195 SW 3rd Avenue Ontario, OR 97914-

Client: Pioneer Elementary

Test Location: 4744 Pioneer Road

Ontario, OR 97914-

Individual Canister Results

Canister ID#: 2727509 Test Start: 01/28/2019 @ 05:05 Canister Type: Charcoal Canister 3 inch Test Stop: 01/31/2019 @ 04:56 Location: Main-PIO9 Received: 02/04/2019 @ 12:01 Radon Level: 0.9 pCi/L Analyzed: 02/06/2019 @ 11:58 Error for Measurement is: ± 0.4 pCi/L

 Canister ID# :
 2727521
 Test Start :
 01/28/2019 @ 05:14

 Canister Type :
 Charcoal Canister 3 inch
 Test Stop :
 01/31/2019 @ 05:15

 Location :
 Blank -Main-PI CR 14
 Received:
 02/04/2019 @ 12:01

 Radon Level :
 0.1 pCi/L
 Analyzed:
 02/05/2019 @ 15:03

Error for Measurement is: ± 0.2 pCi/L

 Canister ID#:
 2727522
 Test Start:
 01/28/2019 @ 05:08

 Canister Type:
 Charcoal Canister 3 inch
 Test Stop:
 01/31/2019 @ 04:53

 Location:
 Bsmt- PI O 10
 Received:
 02/04/2019 @ 12:01

 Radon Level:
 0.9 pCi/L
 Analyzed:
 02/06/2019 @ 11:22

Error for Measurement is: ± 0.4 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/consguid.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 <u>Radon Testing and Mitigation: The Basics</u> 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 assistance at 518-402-7556 or toll free 1-800-458-1158.



Andrews C. George

Andreas C. George

Radon Measurement Specialist

Dante Galan
Laboratory Director



Date: 02/04/2019

ATTN: Bob Bennett ONTARIO SCHOOL DISTRICT 8 C 195 SW 3rd Avenue Ontario, OR 97914-

Client: Pioneer Elementary

Test Location: 4744 Pioneer Road

Ontario, OR 97914-

Individual Canister Results

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 by the customer or it's consultants based on RTCA-provided results.



Andrews C. George

Andreas C. George
Radon Measurement Specialist

NJ MES 11089

Dante Galan Laboratory Director



Date: 02/19/2019

Mr. Robert Bennett ONTARIO SCHOOL DISTRICT 8 C 195 SW 3rd Avenue Ontario, OR 97914-

Client:

Pioneer E.S.

Test Location: 4744 Pioneer Road

Ontario, OR 97914-

Individual Canister Results

Canister ID#:

2727192

Test Start: 02/11/2019 @ 11:50

Canister Type:

Charcoal Canister 3 inch

Test Stop: 02/14/2019 @ 14:30

Location:

1st FL = PI CR 14

Received:

02/19/2019 @ 15:42

Radon Level:

5.8 pCi/L

Analyzed:

02/20/2019 @ 11:13

Error for Measurement is: ±

0.5 pCi/L

Canister ID#:

2736475

Test Start: 02/11/2019 @ 11:50

Canister Type:

Charcoal Canister 3 inch 1st FL = PI CR 14

Test Stop: 02/14/2019 @ 14:30

Location:

Received: Analyzed:

02/19/2019 @ 15:42

Radon Level:

5.5 pCi/L

02/19/2019 @ 16:49

Average of Side by Side Canisters

5.7 pCi/L

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/consguid.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.

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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 assistance at 518-402-7556 or toll free1-800-458-1158.

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 by the customer or it's consultants based on RTCA-provided results.



fladres C. George

Radon Measurement Specialist

Dante Galan

Laboratory Director

NRSB ARL0001 NYS ELAP ID: 10806 PADEP ID: 0346 NJDEP ID: NY933 NJ MEB 90036 FL DOH RB1609 IL RNL2000201

Andreas C. George

Date: 03/04/2019



Analyzed:

03/05/2019 @ 11:23

Site Radon Inspection Report

ATTN: Bob Bennett ONTARIO SCHOOL DISTRICT 8 C 195 SW 3rd Avenue

Client: Pioneer Elementary

Ontario, OR 97914-

Test Location: 4744 Pioneer Road

Ontario, OR 97914-

Individual Canister Results

Canister ID#: 2727238

Test Start: 02/26/2019 @ 07:20 Canister Type: Charcoal Canister 3 inch Test Stop: 03/01/2019 @ 06:18 Location: Main-PI CR 14 Received: 03/04/2019 @ 13:39

Radon Level: 1.3 pCi/L

Error for Measurement is: + 0.3 pCi/L

Canister ID#: 2727320 Test Start: 02/26/2019 @ 07:20 Canister Type: Charcoal Canister 3 inch Test Stop: 03/01/2019 @ 06:18 Location: Main-PI GYM 15 Received: 03/04/2019 @ 13:39

Radon Level: 1.3 pCi/L Analyzed: 03/04/2019 @ 17:50

Error for Measurement is: + 0.3 pCi/L

The reported results indicate that radon levels in the building tested are below the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends retesting if your living patterns change and you begin occupying a lower level of the building, such as a basement or if major remodeling is done.

General radon information may be obtained by consulting the EPA booklet: A Citizen's Guide to Radon (www.epa.gov/radon/pubs/citguide.html). To request a copy or for further information, please 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 assistance at 518-402-7556 or toll free1-800-458-1158.

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 by the customer or it's consultants based on RTCA-provided results.



Andrews C. George

Andreas C. George Radon Measurement Specialist

Dante Galan Laboratory Director NRSB ARL0001 NYS ELAP ID: 10806 PADEP ID: 0346 NJDEP ID: NY933 NJ MEB 90036 FL DOH RB1609 IL RNL2000201

NJ MES 11089