



Radon Inspection Report

Measurement Information

Client Name	Building year
GreenWorks Client	1959
Client Phone number	Building Type
(000) 000-0000	Single-family home
Client Email Address	Room Type
greenworksclient@greenworksinspec	Den
tions.com	Floor
Measurement Started	Basement
07/24/2023 10:26	Test Purpose
Measurement Ended	Real Estate
07/26/2023 10:28	
Inspection Duration	
48 hour (Data No : 48)	



Measurement Location
123 GreenWorks Way
San Antonio, Texas
78247

Test Result: < EPA Guidelines	Overall Average	0.2 pCi/L
	EPA Average*	0.2 pCi/L

* The EPA protocol average discards the first four hours of the deployment period. The official number to go with is the EPA protocol average.
The Canadian Action Level for radon is 200 Bq/m³

Device Information

Device S/N	Calibration Expiration Date	MDC (Minimum Detectable Concentration)
RP22304130017	04/13/2024	0.2 pCi/L

Tester Information

Tester Name	Tester Email	Tester Address
Aaron Cantu	aaron.cantu@greenworksinspections.com	-
Certification # (State-License #)	Tester Phone	-, default, -
	855-935-4506	

Inspection Information

Delay/Discard
the first 4 hours

Inspection Duration
48 hours

Measurement Started
MON , 07/24/2023 10:26 AM

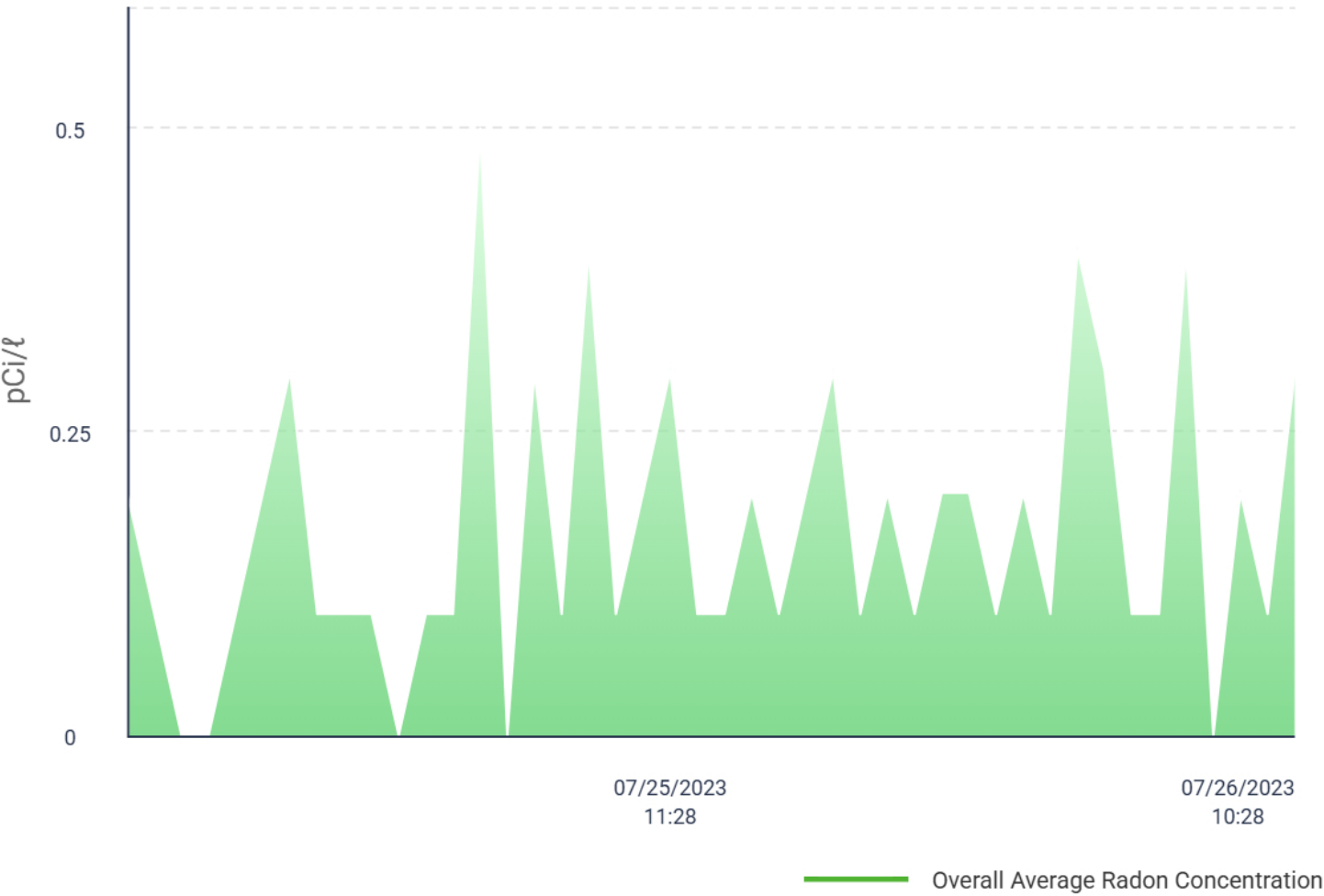
Measurement Ended
WED , 07/26/2023 10:28 AM

Measurement Radon Concentration Max
0.5 pCi/L

Measurement Radon Concentration Min
0.0 pCi/L

%Uncertainty
6.5

Historical Radon Trend



Timestamp	Radon Value	Temp(F)	RH(%)	Timestamp	Radon Value	Temp(F)	RH(%)
07/24/23 11:28	0.1	73	50	07/25/23 11:28	0.3	74	49
07/24/23 12:28	0.1	73	48	07/25/23 12:28	0.1	74	49
07/24/23 13:28	0.0	73	48	07/25/23 13:28	0.1	74	48
07/24/23 14:28	0.1	73	48	07/25/23 14:28	0.2	74	48
07/24/23 15:28	0.2	73	48	07/25/23 15:28	0.1	73	48
07/24/23 16:28	0.1	73	48	07/25/23 16:28	0.2	74	47
07/24/23 17:28	0.0	73	48	07/25/23 17:28	0.3	73	46
07/24/23 18:28	0.0	75	49	07/25/23 18:28	0.1	74	47
07/24/23 19:28	0.1	77	50	07/25/23 19:28	0.2	76	49
07/24/23 20:28	0.2	76	50	07/25/23 20:28	0.1	77	49
07/24/23 21:28	0.3	73	46	07/25/23 21:28	0.2	76	46
07/24/23 22:28	0.1	75	46	07/25/23 22:28	0.2	75	44
07/24/23 23:28	0.1	75	45	07/25/23 23:28	0.1	74	44
07/25/23 00:28	0.1	74	44	07/26/23 00:28	0.2	74	43
07/25/23 01:28	0.0	73	44	07/26/23 01:28	0.1	73	43
07/25/23 02:28	0.1	73	43	07/26/23 02:28	0.4	73	43
07/25/23 03:28	0.1	73	44	07/26/23 03:28	0.3	73	43
07/25/23 04:28	0.5	73	43	07/26/23 04:28	0.1	73	44
07/25/23 05:28	0.0	73	44	07/26/23 05:28	0.1	73	43
07/25/23 06:28	0.3	73	44	07/26/23 06:28	0.4	74	44
07/25/23 07:28	0.1	75	45	07/26/23 07:28	0.0	74	46
07/25/23 08:28	0.4	76	50	07/26/23 08:28	0.2	75	47
07/25/23 09:28	0.1	77	51	07/26/23 09:28	0.1	73	49
07/25/23 10:28	0.2	73	49	07/26/23 10:28	0.3	73	53

* ANSI/AARST requires a minimum 46 (44 in IL) hourly data points after the first 4 hours are delayed/discarded.

* Temperature and humidity can vary depending on environmental conditions.

* The test data was taken from a testing device approved by the National Radon Proficiency Program.

Comment

Recommendations: (as per ANSI-AARST MAH)

Test result is 4.0 pCi/L or greater: YOUR RADON IS HIGH

- **FIX THE BUILDING.** Test results indicate occupants may be exposed to radon concentrations that meet or exceed the EPA action level of 4 pCi/L or greater.
- Efforts to reduce radon concentrations are not complete until a retest provides evidence of mitigation effectiveness.
 - Complete a short-term test between 24 hours and 30 days after installation of a mitigation system.
 - **Retest every 2 years or install a continuous radon monitor** to ensure the system remains effective.

Test result is between 2.0 and 4.0 pCi/L: YOUR RADON IS MODERATELY ELEVATED

- **CONSIDER FIXING THE BUILDING.** Test results indicate radon levels greater than half the EPA action level.
- The World Health Organization (WHO) recommends mitigation if levels are 2.7 (100 Bq/m³) or higher.
- **Continuously monitoring** the radon, especially when the heating system is active both day and night is more likely to provide a clear characterization of potential radon hazards.

Test result is less than 2.0 pCi/L: YOUR RADON IS LOW

- **NO FURTHER ACTION REQUIRED AT THIS TIME.** The average indoor radon level is estimated to be about 1.3 pCi/L; the normal outdoor air radon level is 0.4 pCi/L.
- Radon levels in a building can fluctuate due to weather conditions and other factors, including renovations and alterations, or changes in the HVAC system. For this reason, EPA recommends **retesting your home every 5 years** and to remediate if levels become elevated.

Times to Retest:

Retest in conjunction with any sale of new or existing buildings. In addition, be certain to test again or continuously monitor when any of the following circumstances occur:

- A ground contact area not previously tested is occupied, or a home is newly occupied.
- Ventilation is significantly altered by extensive weatherization, changes to mechanical systems or comparable procedures.
- A mitigation system is altered, modified, or repaired.
- Significant openings to soil occur due to:
 - Groundwater or slab surface water control systems that are altered or added (e.g., sumps, perimeter drain tile, shower/tub retrofits, etc.).
 - Natural settlement causing major cracks to develop.
 - Earthquakes, construction blasting, or formation of sinkholes nearby.