



4.1.1 EPA RADON TEST RESULTS RADON TEST RESULTS AVERAGE OVER 4.0 PCL/L

Results: pCi/L average 9.7 Date & Time Start: 12/8/2018 Date & Time Finish: 12/10/2018 2:00 pm Hourly Readings: 48

RadStar RS300 Radon Detector/Monitor Version 1.7 Serial#: 04257 Calib.#: 31000 Bkgnd03 TestID#: 30203

Interval Report

Hour T B AC pCi/L Temp Hum Alpha 001.7 - - 0032 001 002 004.3 - - 0082 003 004.6 - - 0087 004 005.9 - - 0112 005 006.5 - - 0123 006.4 - - 0122 006 007 009.2 - - 0173 008 010.0 - - 0188 009 010.8 - - 0203 009.8 - - 0186 010 009.4 - - 0178 011 012 011.2 - - 0212 013 012.4 - - 0234 014 010.2 - - 0192 009.2 - - 0175 015 009.4 - - 0178 016 008.7 - - 0165 017 018 009.8 - - 0185 019 009.7 - - 0183 020 008.9 - - 0168 021 007.8 - - 0148 009.3 - - 0176 022 023 009.9 - - 0187 024 009.8 - - 0186 025 009.7 - - 0183 026 009.5 - - 0179 011.2 - - 0211 027 028 010.0 - - 0189 029 011.6 - - 0218 030 009.9 - - 0188 031 008.7 - - 0164 009.7 - - 0183 032 033 008.2 - - 0156 034 010.5 - - 0199

Major - Safety | Deficiencies

035	010.8	-	- 0203
036	012.3	-	- 0231
037	014.4	-	- 0270
038	012.1	-	- 0228
039	012.2	-	- 0229
040	009.5	-	- 0179
041	009.8	-	- 0185
042	009.7	-	- 0183
043	009.1	-	- 0172
044	008.0	-	- 0152
045	007.2	-	- 0137
046	007.9	-	- 0150
047	008.0	-	- 0151
048	011.2	-	- 0211
Avg: 009.7 Max: 014.4			

Min: 006.4

Recommendation Contact a qualified environmental contractor

7.3.1 BUILDING STRUCTURE FOUNDATION - CRACKS - MINOR



There were minor cracks and/or cosmetic blemishes found in the foundation. These don't appear to be a structural concern, but recommend sealing them to prevent water infiltration and monitoring them in the future. Numerous products exist to seal such cracks including:

- Hydraulic cement. Requires chiseling a channel in the crack to apply.
- Resilient caulks (easy to apply).
- Epoxy sealants (both a waterproof and structural repair).

Recommendation Contact a handyman or DIY project



North Elevation

North Elevation



Garage

Garage

7.5.2 DRAINAGE/ PLUMBING/ GAS FAUCET/ HOSE BIB - LEAKS



The outside faucets leak. For example, from the valve stem when turned on or from the spigot when turned off. A qualified plumber should evaluate and repair as necessary.

Recommendation Contact a qualified plumbing contractor.



South Elevation

7.5.3 DRAINAGE/ PLUMBING/ GAS FAUCET / HOSE BIB - NO ANTI-SIPHON



Outside faucets are missing backflow prevention devices. These devices reduce the likelihood of polluted or contaminated water entering the potable water supply. This condition can occur when an outside faucet is left in the "on" position with a hose connected and the sprayer head turned off. When pressure in the system fluctuates, water can be drawn back into the water supply pipes from the house. If a chemical sprayer is being used with the hose, those chemicals can enter the water supply pipes.

Recommend installing backflow prevention devices on all exterior hose bibs where missing. They are available at most home improvement stores and are easily installed. For more information, visit:

http://edis.ifas.ufl.edu/AE113

Recommendation Contact a qualified plumbing contractor.



South Elevation

7.8.1 ELEVATED AREAS AND STAIRS HANDRAILS - MISSING

Flights of stairs with more than two risers have no handrail installed. This is a safety hazard. A qualified contractor should install graspable handrails that your hand can completely encircle at stairs where missing, and as per standard building practices.

Recommendation Contact a handyman or DIY project



East Elevation

7.10.1 SIDING/ WALL COVERING **CAULKING - GENERAL**



Caulking/sealant is missing and/or deteriorated around the entire exterior where similar and dissimilar materials meet. This is a general maintenance situation which typically requires regular attention. A qualified contractor should evaluate and make repairs as necessary.





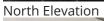
North Elevation



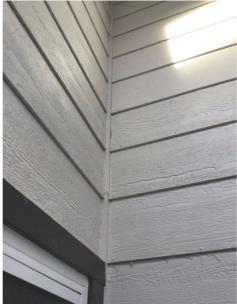
East Elevation



South Elevation







South Elevation



Roof

West Elevation

HERO Inspections & Environmental

7.10.2 SIDING/ WALL COVERING SIDING - COMPOSITION SIDING - MINOR - MAINTAIN



This property is clad with composition wood fiber siding. Many brands of this type of siding by different manufacturers are known to deteriorate and/or fail prematurely due to moisture penetration. Failure is typically visible in the form of swelling, cracking and delamination, especially at the bottom edges. Class action lawsuits have been filed or are being filed against most manufacturers of this material.

Some areas of siding on this structure show the symptoms described above, but it appears that the siding hasn't deteriorated to the point of needing replacement. Some manufacturers (Louisiana Pacific) recommend a repair process for this siding where affected areas are sealed with "Permanizer Plus", a flexible primer made by Pittsburgh Paint, followed by two coats of 100% acrylic latex paint. This sealant must be applied to the bottom edges using a brush. The face of the siding can be sprayed. The "Permanizer Plus" sealer isn't required for edges that aren't swollen, cracked or deteriorated, but the acrylic latex should still be brushed on these edges.

At a minimum, recommend having a qualified contractor seal and repaint as described above, or by other methods specified by the siding's manufacturer. The client(s) may wish to have a qualified contractor evaluate further to determine if some or all of the siding should be replaced.

For more information, visit:

http://www.google.com/search?hl=en&q=permanizer+plus http://www.siding4u.com/failing_siding_help.htm

Recommendation Contact a handyman or DIY project



West Elevation

Roof

7.10.3 SIDING/ WALL COVERING SIDING - GAPS AT PENETRATIONS



Gaps exist at openings around the exterior, such as those where outside faucets, refrigerant lines, and/or gas supply pipes penetrate the exterior. Gaps should be sealed as necessary to prevent moisture intrusion and entry by vermin.



South Elevation

8.5.1 GENERAL ROOFING **DAMAGE - DETERIORATION - MINOR**

Minor - Safety | Deficiencies

The roof has minor damage or deterioration. It is recommended to monitor the roofing system, however, the buyer may consider having it evaluated by a licensed roofer.

Recommendation Recommend monitoring.





INSULATION - PAPER FACING Minor - Safety | Deficiencies ON BATTS EXPOSED



Paper facing on batt insulation is oriented towards open spaces, rather than against interior space surfaces. This occurs when newer, fiberglass batt insulation with paper facing on one side is installed backwards or upside down, or when older batt insulation wrapped on both sides with paper is installed. The paper facing is flammable. Newer insulation usually has a warning label indicating this on the facing.

For newer batt insulation with paper facing on one side only, the paper facing should be oriented towards interior spaces rather than exposed, open spaces. The existing insulation should be reinstalled or replaced.

For older batt insulation with paper facing on both sides, recommend that repairs be made as necessary to eliminate the exposed paper facing.

A qualified contractor should evaluate and make repairs as necessary, and as per standard building practices and the insulation manufacturer's recommendations to eliminate the fire hazard.

Also, the paper facing also acts as a vapor barrier, and if located away from the interior surfaces, can trap moisture from condensation in the cavity between the paper facing and the interior spaces. This is a conducive condition for wood destroying insects. The inspector was unable to evaluate the structure obscured by the insulation. When repairs are made, the exposed structure should be evaluated for damage by wood destroying insects and/or organisms, and repairs should be made if necessary.

Recommendation Contact a qualified insulation contractor.

9.4.1 ELECTRICAL LIGHT FIXTURE -INOPERABLE

— Minor - Safety | Deficiencies

The light fixtures appear to be fully or partially inoperable. Recommend further evaluation by replacing bulb(s) and/or consulting with the property owner(s). Repairs or replacement of the light fixture by a qualified electrician may be necessary.



10.4.1 PANEL AND WIRING

SAFETY - MINOR - MISSING OR INADEQUATE LEGEND

The legend for overcurrent protection devices (breakers or fuses) in the main service panel is missing, unreadable or incomplete. Recommend installing, updating or correcting the legend as necessary so it's accurate. Evaluation by a qualified electrician may be necessary.

Recommendation Contact a qualified electrical contractor.

11.5.1 GARAGE HOUSE DOOR/ EXTERIOR DOORS/ WINDOWS GARAGE/ HOUSE DOOR -

AUTO CLOSE - NOT INSTALLED

The garage-house door isn't equipped with an automatic closing device such as sprung hinges. This door should close and latch automatically to prevent vehicle fumes from entering living spaces and/or to slow the spread of fire from the garage to living spaces. A qualified contractor should install automatic closing device(s) as necessary, and as per standard building practices, so this door closes and latches automatically.

Recommendation Contact a handyman or DIY project

FLOORS - CRACKS - TRIP HAZARD

11.6.2 WALLS/ FLOORS/ CEILINGS

Trip hazards were found in the garage floor due to cracks, settlement and/or heaving. Recommend having a qualified contractor evaluate and repair or replace sections as necessary to eliminate trip hazards.

Recommendation Contact a qualified concrete contractor.



Minor - Safety | Deficiencies

Minor - Safety | Deficiencies







HANDRAILS - MISSING

Minor - Safety | Deficiencies

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Recommendation Contact a handyman or DIY project



11.8.1 VEHICLE DOOR/ VEHICLE DOOR OPENER VEHICLE DOOR -

WEATHERSTRIP MISSING

Weatherstrip at the sides and/or bottom of the vehicle door is missing. It should be installed where missing to prevent water and vermin intrusion.

Recommendation Contact a handyman or DIY project





15.1.1 BATHTUBS/ SHOWERS CAULK - MISSING AT FIXTURES

Caulk is missing or deteriorated around fixtures such as the base of shower/bathtub spouts and/or at the base of the control valves and/or at the base of the shower head back plate. Caulk should be replaced where deteriorated and/or applied where missing to prevent water intrusion and damage to wall structures.

For more information on caulking, visit: The Ins and Outs of Caulking.





1st Floor Bathroom

1st Floor Bathroom

Basement Bathroom

15.1.2 BATHTUBS/ SHOWERS CAULK - MISSING AT FLOOR



Caulk is missing or deteriorated along the base of the shower/bathtub, where flooring meets the shower/bathtub. It should be replaced where deteriorated and/or applied where missing to prevent water intrusion and damage to the floor structure.

For more information on caulking, visit: The Ins and Outs of Caulking.

Recommendation Contact a handyman or DIY project



1st Floor Bathroom

15.1.4 BATHTUBS/ SHOWERS SHOWER/TUB - TILE OR GROUT DETERIORATED



Tile and/or grout around the bathtub/shower is damaged or deteriorated. For example, deteriorated/missing grout, and/or cracked, missing or loose tiles, etc. A qualified contractor should evaluate and repair tile and/or grout as necessary.

Recommendation Contact a qualified tile contractor



1st Floor Bathroom

16.3.1 ELECTRICAL COVER PLATES - MISSING



Cover plate(s) are missing from electric boxes, such as for receptacles, switches and/or junction boxes. They are intended to contain fire and prevent electric shock from exposed wires. This is a safety hazard due to the risk of fire and shock. Cover plates should be installed where missing.

Recommendation Contact a handyman or DIY project



Stairway



Stairway



Electric receptacles and/or the boxes they are installed in are loose and/or not securely anchored. Wire conductors may be damaged due to repeated movement and/or tension on wires, or insulation may be damaged. This is a safety hazard due to the risk of shock and fire. A qualified electrician should evaluate and repair as necessary.

Recommendation

Contact a qualified electrical contractor.



Family Room East Wall

16.3.4 ELECTRICAL



Wire splices are exposed due to not being contained in a covered junction box. This is a safety hazard due to the risk of shock and fire. A qualified electrician should evaluate and make repairs as necessary. For example, install securely mounted junction boxes with cover plates where needed to contain wiring splices.

Recommendation Contact a qualified electrical contractor.

WIRING - SPLICES EXPOSED



Basement East

19.7.1 INSULATION INSULATION - A PAPER FACING ON BATTS EXPOSED



Paper facing on batt insulation is oriented towards open spaces, rather than against interior space surfaces. This occurs when newer, fiberglass batt insulation with paper facing on one side is installed backwards or upside down, or when older batt insulation wrapped on both sides with paper is installed. The paper facing is flammable. Newer insulation usually has a warning label indicating this on the facing.

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Also, the paper facing also acts as a vapor barrier, and if located away from the interior surfaces, can trap moisture from condensation in the cavity between the paper facing and the interior spaces. This is a conducive condition for wood destroying insects. The inspector was unable to evaluate the structure obscured by the insulation. When repairs are made, the exposed structure should be evaluated for damage by wood destroying insects and/or organisms, and repairs should be made if necessary.

