



# CERTIFIED RADON REPORT

February 5, 2016

Test Number: 8401-12

**Property Inspected:** 702 Henderson Ave., Columbus, OH 43214

**Licensed Radalink Radon Inspector:**

**ACME Home Inspections**

**John Harwell**

**3242 N. High St.**

**Columbus, OH 43202**

Test performed for:

William Jacobs

145 W. Como Ave.

Columbus, OH 43202

**Phone:** 770-555-1944

**Fax:** 770-555-2105

Calibrated:	11/17/2015	Placed By:	John Harwell (+)	Temp.	Pressure	R.H.
Test Started:	01/15/2016 3:18 PM	Retrieved By:	Adam Brown (+)	Min:	50.0 30.2	23
Test Ended:	01/17/2016 5:57 PM	Test Site:	Unfinished Basement	Avg:	54.2 30.5	24
		Test Duration:	50 hours	Max:	59.0 30.6	32

(+)State license or certification number unavailable

**AVERAGE RADON CONCENTRATION: 13.2 pCi/l**

Test has met minimum EPA sampling duration.

Time	01/15/2016		01/16/2016		01/17/2016	
	pCi/l	Flags	pCi/l	Flags	pCi/l	Flags
00:18 am			14.3		13.8	
01:18			13.4		15.3	
02:18			13.2		14.8	
03:18			12.7		14.5	
04:18			13.7		17.4	
05:18			11.7		14.4	
06:18			12.3		14.7	
07:18			11.6		17.1	
08:18			12.4		16.7	
09:18			13.3		15.9	
10:18			14.7		11.4	
11:18			12.7		13.7	
12:18 pm			10.4		13.5	
01:18			12.9		13.2	
02:18			13.2		10.0	
03:18			10.0		11.1	
04:18	11.5		11.8		12.0	
05:18	14.7		12.6		11.7	
06:18	13.2		11.7			
07:18	13.4		13.8			
08:18	11.7		12.8			
09:18	12.6		11.9			
10:18	15.4		11.1			
11:18	15.6		12.4			

Flags: P= AC Power Disruption; T=Tilt  
Eq. = Equilization Period

While every effort was made to maintain optimum quality control and EPA Protocol during the testing period, neither Radalink, Inc. or its licensed agents provide any warranty, expressed or implied, for the consequences of erroneous test results. There can be some uncertainty with any measurement due to statistical variations, extreme weather changes, operation of the building, and other factors, Radalink, Inc. and its licensed operators shall not be liable under any charge or claim for losses, claims, charges, fees, demands, expenses, or damages resulting from a radon test. This report is subject to the terms on the last page of the document.



**ENVIRONMENTAL DATA**

**MONITOR-TEST NUMBER:**

**8401-12**

**Property Inspected: 702 Henderson Ave.  
Columbus, OH 43214**

Time	01/15/2016			01/16/2016			01/17/2016		
	Temp	InHg	RH	Temp	InHg	RH	Temp	InHg	RH
00:18 am				54.0	30.5	26	54.0	30.6	23
01:18				55.0	30.5	25	54.0	30.6	23
02:18				55.0	30.5	24	54.0	30.6	23
03:18				55.0	30.6	24	54.0	30.6	23
04:18				55.0	30.6	24	54.0	30.5	23
05:18				55.0	30.6	24	54.0	30.5	23
06:18				55.0	30.6	23	54.0	30.5	23
07:18				55.0	30.6	23	54.0	30.5	23
08:18				54.0	30.6	23	54.0	30.5	23
09:18				54.0	30.6	23	54.0	30.5	23
10:18				54.0	30.6	23	54.0	30.5	23
11:18				54.0	30.6	23	54.0	30.5	23
12:18 pm				54.0	30.6	23	54.0	30.4	23
01:18				54.0	30.6	23	54.0	30.4	23
02:18				54.0	30.6	23	53.0	30.3	23
03:18				54.0	30.6	23	51.0	30.3	23
04:18	56.0	30.5	23	54.0	30.6	23	50.0	30.3	23
05:18	56.0	30.5	31	54.0	30.6	23	50.0	30.2	23
06:18	57.0	30.5	30	54.0	30.6	23			
07:18	59.0	30.5	32	54.0	30.6	23			
08:18	57.0	30.5	24	54.0	30.6	23			
09:18	55.0	30.5	24	54.0	30.6	23			
10:18	54.0	30.5	24	54.0	30.6	23			
11:18	54.0	30.5	26	54.0	30.6	23			

**AVERAGE RADON CONCENTRATION:**

**13.2 pCi/l**



Reviewed and certified by

Terry Howell, Quality Assurance Mgr.  
Radalink, Inc. NEHA 135791T

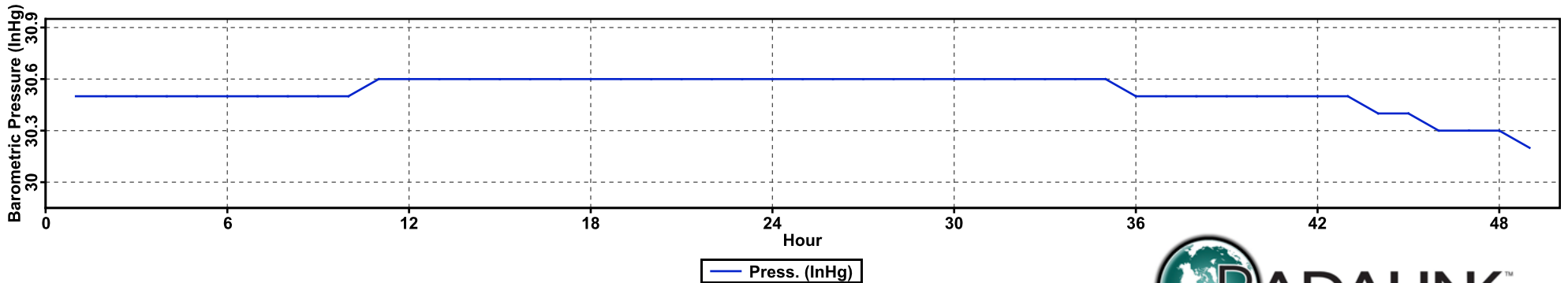
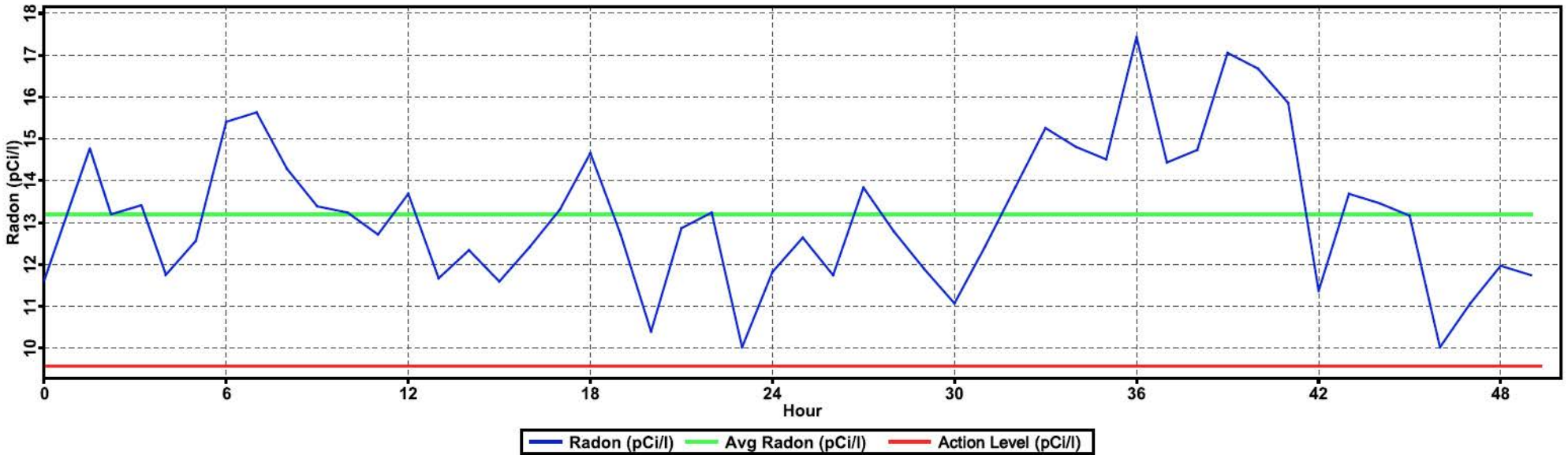
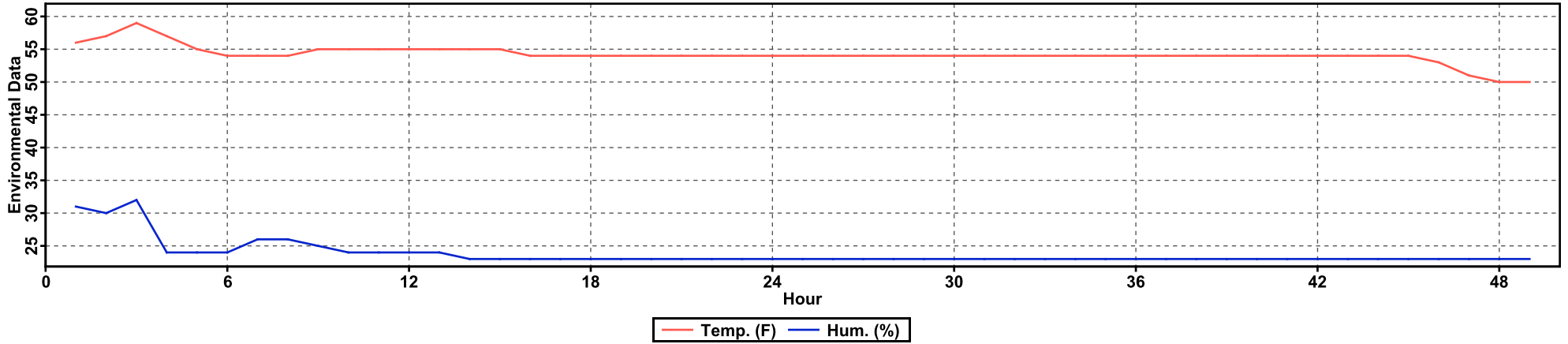
	Minimum	Average	Maximum	Variance
Temperature:	50.0	54.2	59.0	1.95
Barometric Pressure:	30.2	30.5	30.6	0.01
Relative Humidity:	23	24	32	3.92

**NOTE: The first hour's environmental data is excluded from the table above.**

Radalink, Inc. 5599 Peachtree Road Atlanta, GA 30341 Phone: (800)295-4655

# GRAPHICAL DATA VIEW

MONITOR-TEST NUMBER: 8401-12



Property Inspected: 702 Henderson Av., Columbus, OH 43214  
**AVERAGE RADON CONCENTRATION: 13.2 pCi/l**



# IMPORTANT NOTICE

## IF YOUR RADON TEST RESULT IS AT OR ABOVE EPA'S 4.0 pCi/L ACTION LEVEL

### THE EPA AND YOUR STATE RADON PROGRAM RECOMMEND THIS HOME BE MITIGATED

If the average radon concentration in the home tested is at or above EPA's 4.0 pCi/L Action Level, mitigation is recommended. EPA and Radalink recommend either a state licensed (where applicable) or a NEHA or NRSB Certified radon mitigator to perform the system installation.

#### **An Independent Post Mitigation Clearance Test**

Upon completion of the work, the EPA recommends that you have an **independent** post-mitigation test performed. If the current owners are hiring the mitigation contractor, notify them prior to the installation that you intend to have your Radalink affiliated radon professional perform the post mitigation test. (Call your Radalink affiliate for service prices and details.) According to EPA and state protocol, the test can be conducted after the remediation system has been running continuously for 24 hours. Find out when the work will be completed and inform your Radalink affiliate so the test can be scheduled as soon as possible.

#### **Make Sure the Installation Meets EPA Mitigation Standards**

For your added protection, many Radalink affiliates inspect the mitigation systems to ensure they meet the EPA Mitigation Standards or state requirements and provide you with a completed Checklist Inspection Report.

#### **Call Your Radalink Affiliate For Service Prices and Details.**





# Diagram of Room Worksheet for Radon Measurements

Address: 702 Henderson Ave. Columbus, Oh 43214

Test No. 8401-12

Complete all areas of the worksheet and include a separate worksheet for each foundation type measured. A copy of each worksheet shall be retained as a permanent record and included of a measurement report.

## Placement of Measurement Devices

Short-term or long-term measurements shall be made in each lowest structural area suitable for occupancy. For example, a split-level building with a basement, a slab-on-grade room, and a room over a crawlspace shall have measurements made in each of the three foundation types, unless the testing performed is for a real-estate transaction. When the test is for a real estate transaction where there are timing restrictions, then the lowest livable area shall be tested.

### Measurement devices shall (check all that apply):

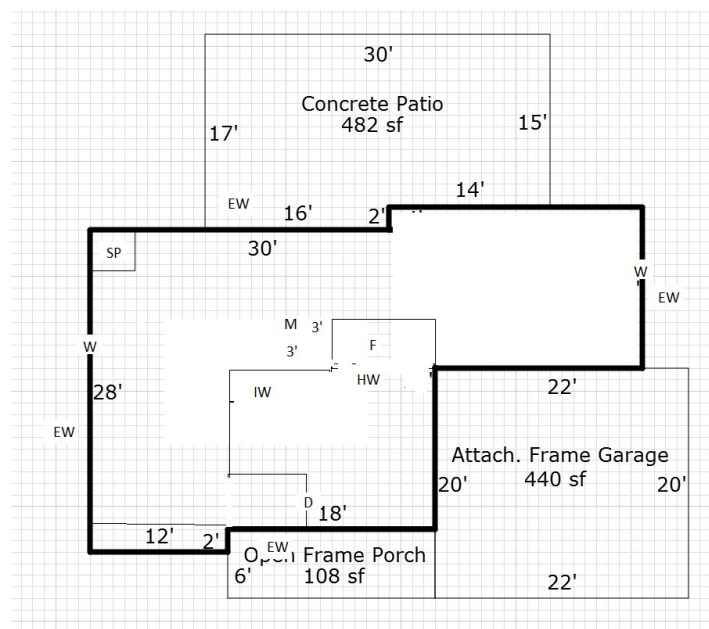
- Be made in rooms that can be regularly occupied, such as family rooms, living rooms, dens, playrooms, and bedrooms.
- Not be placed in areas of high humidity, such as bathrooms, kitchens, laundry rooms, and spa rooms.
- Be undisturbed during the measurement period.
- Be at least 3 feet from doors, windows to the outside, or ventilation ducts and out of the direct flow of air from the ventilation duct.
- Be at least 1 foot from exterior walls.
- Be 20 inches to 6 feet from the floor.
- Be at least 4 inches away from other objects horizontally or vertically above the detector.
- Be at least 4 feet from heat, fireplaces and furnaces, out of direct sunlight, etc.

### Diagram of Room Tested (The following information shall be included):

1. Locations of all exterior walls, windows, and doors. Annotate the direction of North or the front of the building.
2. Factors that may affect the measurement, including but not limited to crawlspace vents, sumps, fireplaces, combustive appliances, floor drains, furnaces, dryers, water heaters, and mitigation systems.
3. Include measurements (to the nearest inch) from the testing device to two separate walls.
4. Current room use (e.g.: family room, bedroom, unfinished basement, playroom).

Key: D = Door, F = Furnace, EW = Exterior Wall, IW = Interior Wall, FD = Floor Drain, FP = Fireplace, CV = Crawlspace Vent, CD = Clothes Dryer, HW = Hot Water Heater, SP = Sump Pit, M = Monitor, EP = Ejector Pit, V = Ventilation, W = Window, MS = Mitigation System

Testing room was finished basement. Owner was at the home at time of monitor placement and given instruction in regard to protocol.



## HOW TO INTERPRET YOUR TEST RESULTS

THIS REPORT RELATES ONLY TO THE ITEMS TESTED FOR AND DURING THE MEASUREMENT PERIOD SHOWN.

These results should be interpreted in accordance with the EPA's guidance as published in EPA Publication No. 402-K-008 "Home Buyer's and Seller's Guide to Radon" and EPA Publication No. 402-K92-001, "Citizen's Guide to Radon".

Because radon is the second leading cause of lung cancer, the Surgeon General and the US Environmental Protection Agency (EPA) recommend testing all homes for radon and mitigating those with an average concentration of 4 picoCuries per Liter (4 pCi/L) or higher. Even if your test result is below 4 pCi/L, EPA suggests testing again sometime in the future.

The Radalink Radon TeleMonitor (NEHA Device # 00472) used to perform this test is EPA and NEHA approved and meets the Single Test Option requirements (EPA 402-R-93-003, Section 3.2.3) for conducting radon measurements in the context of a real estate transaction and may be used for determining the necessity for radon mitigation.

**Radon reduction systems work!** Professionally installed radon mitigation systems can reduce the radon levels in your home by up to 99%. Thousands of people have reduced radon levels in their homes. Maintaining a radon reduction system takes little effort to keep the system working properly and the radon levels low. EPA recommends that you have a qualified contractor (NEHA certified or state licensed) fix your home if radon levels are confirmed to be 4 pCi/L or higher. For more information on how to reduce your radon health risk, contact your state radon office:

ALABAMA 800-582-1866  
CALIFORNIA 916-449-5674  
WASH. D.C. 202-535-2999  
IDAHO 800-445-8647  
KANSAS 800-693-5343  
MARYLAND 215-814-2090  
MISSISSIPPI 800-626-7739  
NEVADA 888-723-6610  
NEW YORK 800-458-1158  
OKLAHOMA 405-702-5162  
S. CAROLINA 800-768-0362  
UTAH 800-458-0145  
W.V. 800-922-1255

ALASKA 800-478-8324  
COLORADO 800-846-3986  
FLORIDA 800-543-8279  
ILLINOIS 217-782-1325  
KENTUCKY 502-564-4856  
MASS. 800-723-6695  
MISSOURI 573-751-6160  
N.H. 800-852-3345  
N.C. 919-571-4141  
OREGON 971-673-0490  
S.D. 800-438-3367  
VERMONT 800-439-8550  
WISCONSIN 888-569-7236

ARIZONA 602-255-4845  
CONNECTICUT 860-509-7367  
GEORGIA 800-745-0037  
INDIANA 800-272-9723  
LOUISIANA 866-896-5337  
MICHIGAN 517-335-8037  
MONTANA 800-546-0483  
NEW JERSEY 800-648-0394  
N. DAKOTA 800-252-6325  
PENN. 800-237-2366  
TENNESSEE 800-232-1139  
VIRGINIA 800-468-0138  
WYOMING 800-458-5847

ARKANSAS 501-661-2301  
DELAWARE 800-464-4357  
HAWAII 808-586-4700  
IOWA 800-383-5992  
MAINE 207-287-5698  
MINNESOTA 800-798-9050  
NEBRASKA 800-334-9491  
NEW MEXICO 800-219-6157  
OHIO 800-523-4439  
RHODE ISLAND 401-222-2438  
TEXAS 800-293-0753  
WASHINGTON 360-236-3253

### National Safety Council Radon Hotline: 800-644-6999

**SURGEON GENERAL HEALTH ADVISORY:** "Indoor radon is the second-leading cause of lung cancer in the U.S. and breathing it over prolonged periods can present a significant health risk to families all over the country. More than 20,000 Americans die of radon-related lung cancer every year. It's important to know that this threat is completely preventable. Radon can be detected with a simple test and fixed through well-established venting techniques."

**CONSUMER FEDERATION OF AMERICA:** "Consumers need to know about the health of a house they are considering purchasing, including whether there is a radon problem, and if so, how to fix it." The EPA Home Buyer's and Sellers Guide to Radon provides practical consumer information that every homebuyer needs to know.

**FLORIDA NOTICE TO CLIENTS:** An organization or individual certified by the Florida Dept. of Health to perform radon or radon progeny measurements or radon mitigation services provides this Notice to you. Any questions, comments, or complaints regarding the persons performing these measurement or mitigation services may be directed to the Florida Dept. of Health, Bureau of Facility Programs, Radon Indoor Air Quality, 4052 Bald Cypress Way, Bin #A08, Tallahassee, Florida 32399-1710, (800-543-8279).

**MAINE NOTICE TO CLIENTS:** As per 22 MRSA, Sec. 771, results of this test will be reported to the Maine Dept. of Health and Human Services. Any questions, comments, or complaints concerning individuals or firms providing radon related services in Maine should be directed to: Radiation Control Program 11 State House Station Augusta, ME 04333-0010 (207-287-5698).

**NEW JERSEY DISCLAIMER STATEMENT:** (*applicable to all measurements taken in New Jersey*): This notice is provided to you by an organization or individual certified by the NJDEP to perform radon measurements. NJS 26:2d-73 requires that no certified person disclose to any individual except the NJDEP or the NJDOH the address or owner of a non-public building that the person has tested or treated for the presence of radon gas unless the owner of the building waives, in writing, this right of confidentiality. In the case of a prospective sale of a building which has been tested for radon gas, the seller shall provide the buyer, at the time the contract of sale is entered into, a copy of the results of that test and evidence of any subsequent mitigation or treatment, and any prospective buyer who contracts for the testing shall have the right to receive the results of that testing. Any questions, comments, or complaints regarding the persons performing these measurements, or related mitigation, or safeguarding services should be directed to the NJ Dept. Of Environmental Protection and Energy, Attention Radon Section, Bureau of Environmental Radiation (800-648-0394). See also NJDEP's Radon Testing and Mitigation: The Basics.

**PENNSYLVANIA NOTICE TO CLIENTS:** The Radon Certification Act requires that anyone who provides radon-related service or product to the general public must be certified by the Pennsylvania Department of Environmental Protection. You are entitled to evidence of certification from any person who provides such services or products. You are also entitled to a price list for services or products offered. All radon measurement data will be sent to the Department as required in the Act and will be kept confidential. If you have any questions, comments or complaints concerning persons who provide radon-related services, please contact the Department at the Bureau of Radiation Protection, Dept. Of Environmental Protection, P.O. Box 8469, Harrisburg, PA 17105-8469, (717-783-3594).

**RHODE ISLAND NOTICE TO CLIENTS:** This notice is provided to you by an organization or individual licenses and/or certified by the Rhode Island Dept. of Health to perform radon measurements. Any questions, comments, or complaints regarding the person performing these measurements may be directed to the RI Dept. of Health, Office of Occupational and Radiological Health, 3 Capitol Hill Room 206, Providence RI 02908-5097, (401-222-2438).

Rev: Dec.2010