

RESIDENTIAL REAL PROPERTY DISCLOSURE REPORT

NOTICE: THE PURPOSE OF THIS REPORT IS TO PROVIDE PROSPECTIVE BUYERS WITH INFORMATION ABOUT MATERIAL DEFECTS IN THE RESIDENTIAL REAL PROPERTY. THIS REPORT DOES NOT LIMIT THE PARTIES' RIGHT TO CONTRACT FOR THE SALE OF RESIDENTIAL REAL PROPERTY IN "AS IS" CONDITION. UNDER COMMON LAW, SELLERS WHO DISCLOSE MATERIAL DEFECTS MAY BE UNDER A CONTINUING OBLIGATION TO ADVISE THE PROSPECTIVE BUYERS ABOUT THE CONDITION OF THE RESIDENTIAL REAL PROPERTY EVEN AFTER THE REPORT IS DELIVERED TO THE PROSPECTIVE BUYER. COMPLETION OF THIS REPORT BY THE SELLER CREATES LEGAL OBLIGATIONS ON THE SELLER; THEREFORE THE SELLER MAY WISH TO CONSULT AN ATTORNEY PRIOR TO COMPLETION OF THIS REPORT.

Property Address: 7210 Coffeen Road
City, State & Zip Code: Coffeen, Illinois 62017
Seller's Name: New River Royalty, LLC

This Report is a disclosure of certain conditions of the residential real property listed above in compliance with the Residential Real Property Disclosure Act. This information is provided as of March 8th, 2021, and does not reflect any changes made or occurring after that date or information that becomes known to the seller after that date. The disclosures herein shall not be deemed warranties of any kind by the seller or any person representing any party in this transaction.

In this form, "am aware" means to have actual notice or actual knowledge without any specific investigation or inquiry. In this form, "material defect" means a condition that would have a substantial adverse effect on the value of the residential real property or that would significantly impair the health or safety of future occupants of the residential real property unless the seller reasonably believes that the condition has been corrected.

The seller discloses the following information with the knowledge that even though the statements herein are not deemed to be warranties, prospective buyers may choose to rely on this information in deciding whether or not and on what terms to purchase the residential real property.

The seller represents that to the best of his or her actual knowledge, the following statements have been accurately noted as "yes" (correct), "no" (incorrect), or "not applicable" to the property being sold. If the seller indicates that the response to any statement, except number 1, is yes or not applicable, the seller shall provide an explanation, in the additional information area of this form.

- | YES | NO | N/A | |
|------------------------------|-------------------------------------|--------------------------|--|
| 1. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Seller has occupied the property within the last 12 months. (No explanation is needed.) |
| 2. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of flooding or recurring leakage problems in the crawl space or basement. |
| 3. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware that the property is located in a flood plain or that I currently have flood hazard insurance on the property. |
| 4. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of material defects in the basement or foundation (including cracks and bulges). |
| 5. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of leaks or material defects in the roof, ceilings, or chimney. |
| 6. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of material defects in the walls or floors. |
| 7. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of material defects in the electrical system. |
| 8. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of material defects in the plumbing system (includes such things as water heater, sump pump, water treatment system, sprinkler system, and swimming pool). |
| 9. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of material defects in the well or well equipment. |
| 10. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of unsafe conditions in the drinking water. |
| 11. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of material defects in the heating, air conditioning, or ventilating systems. |
| 12. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of material defects in the fireplace or woodburning stove. |
| 13. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of material defects in the septic, sanitary sewer, or other disposal system. |
| 14. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of unsafe concentrations of radon on the premises. |
| 15. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of unsafe concentrations of or unsafe conditions relating to asbestos on the premises. |
| 16. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of unsafe concentrations of or unsafe conditions relating to lead paint, lead water pipes, lead plumbing pipes or lead in the soil on the premises. |
| 17. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of mine subsidence, underground pits, settlement, sliding, upheaval, or other earth stability defects on the premises. |
| 18. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of current infestations of termites or other wood boring insects. |
| 19. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of a structural defect caused by previous infestations of termites or other wood boring insects. |
| 20. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of underground fuel storage tanks on the property. |
| 21. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware of boundary or lot line disputes. |
| 22. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I have received notice of violation of local, state or federal laws or regulations relating to this property, which violation has not been corrected. |
| 23. <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | I am aware that this property has been used for the manufacture of methamphetamine as defined in Section 10 of the Methamphetamine Control and Community Protection Act. |

Note: These disclosures are not intended to cover the common elements of a condominium, but only the actual residential real property including limited common elements allocated to the exclusive use thereof that form an integral part of the condominium unit.

Note: These disclosures are intended to reflect the current condition of the premises and do not include previous problems, if any, that the seller reasonably believes have been corrected.

If any of the above are marked "not applicable" or "yes", please explain here or use additional pages, if necessary:

Check here if additional pages used: _____

Seller certifies that seller has prepared this statement and certifies that the information provided is based on the actual notice or actual knowledge of the seller without any specific investigation or inquiry on the part of the seller. The seller hereby authorizes any person representing any principal in this transaction to provide a copy of this report, and to disclose any information in the report, to any person in connection with any actual or anticipated sale of the property.

Seller: Abijah Queen Digitally signed by Abijah Queen Date: 2021.03.08 11:28:55 -06'00' Date: _____
Seller: _____ Authorized Person Date: _____

THE PROSPECTIVE BUYER IS AWARE THAT THE PARTIES MAY CHOOSE TO NEGOTIATE AN AGREEMENT FOR THE SALE OF THE PROPERTY SUBJECT TO ANY OR ALL MATERIAL DEFECTS DISCLOSED IN THIS REPORT ("AS IS"). THIS DISCLOSURE IS NOT A SUBSTITUTE FOR ANY INSPECTIONS OR WARRANTIES THAT THE PROSPECTIVE BUYER OR SELLER MAY WISH TO OBTAIN OR NEGOTIATE. THE FACT THAT THE SELLER IS NOT AWARE OF A PARTICULAR CONDITION OR PROBLEM IS NO GUARANTEE THAT IT DOES NOT EXIST. THE PROSPECTIVE BUYER IS AWARE THAT HE MAY REQUEST AN INSPECTION OF THE PREMISES PERFORMED BY A QUALIFIED PROFESSIONAL.

Prospective Buyer: _____ Date: _____ Time: _____
Prospective Buyer: _____ Date: _____ Time: _____

DISCLOSURE OF INFORMATION ON RADON HAZARDS
(For Residential Real Property Sales or Purchases)
Radon Warning Statement

Every buyer of any interest in residential real property is notified that the property may present exposure to dangerous levels of indoor radon gas that may place the occupants at risk of developing radon-induced lung cancer. Radon, a Class-A human carcinogen, is the leading cause of lung cancer in non-smokers and the second leading cause overall. The seller of any interest in residential real property is required to provide the buyer with any information on radon test results of the dwelling showing elevated levels of radon in the seller's possession.

The Illinois Emergency Management Agency (IEMA) strongly recommends ALL homebuyers have an indoor radon test performed prior to purchase or taking occupancy, and mitigated if elevated levels are found. Elevated radon concentrations can easily be reduced by a qualified, licensed radon mitigator.

Property Address: 7210 Coffeen Road, Coffeen IL 62017

Seller's Disclosure (initial each of the following which applies)

- (a) _____ Elevated radon concentrations (above EPA or IEMA recommended Radon Action Level) are known to be present within the dwelling. (Explain)
- (b) _____ Seller has provided the purchaser with the most current records and reports pertaining to elevated radon concentrations within the dwelling.
- (c) _____ Seller either has no knowledge of elevated radon concentrations in the dwelling or prior elevated radon concentrations have been mitigated or remediated.
- (d) **AQ** _____ Seller has no records or reports pertaining to elevated radon concentrations within the dwelling.

Purchaser's Acknowledgment (initial each of the following which applies)

- (e) _____ Purchaser has received copies of all information listed above.
- (f) _____ Purchaser has received the IEMA approved Radon Disclosure Pamphlet.

Agent's Acknowledgment (initial) (if applicable)

- (g) **KJ** _____ Agent has informed the seller of the seller's obligations under Illinois law.

Certification of Accuracy

The following parties have reviewed the information above and each party certifies, to the best of his or her knowledge, that the information he or she provided is true and accurate.

SELLER/S:

Printed Name: Abijah Queen Sign: Abijah Queen Digitally signed by Abijah Queen
Date: 2021.03.08 11:24:40 -06'00'

Printed Name: Authorized Person Sign: _____ Date: _____

PURCHASER/S:

Printed Name: _____ Sign: _____ Date: _____

Printed Name: _____ Sign: _____ Date: _____

AGENT/S:

Printed Name: KEVIN JORDAN Sign: [Signature] Date: 3-26-21

Printed Name: _____ Sign: _____ Date: _____

Disclosure of Information on Lead-Based Paint and/or Lead-Based Paint Hazards

Lead Warning Statement

Every purchaser of any interest in residential real property on which a residential dwelling was built prior to 1978 is notified that such property may present exposure to lead from lead-based paint that may place young children at risk of developing lead poisoning. Lead poisoning in young children may produce permanent neurological damage, including learning disabilities, reduced intelligence quotient, behavioral problems, and impaired memory. Lead poisoning also poses a particular risk to pregnant women. The seller of any interest in residential real property is required to provide the buyer with any information on lead-based paint hazards from risk assessments or inspections in the seller's possession and notify the buyer of any known lead-based paint hazards. A risk assessment or inspection for possible lead-based paint hazards is recommended prior to purchase.

Seller's Disclosure

(a) Presence of lead-based paint and/or lead-based paint hazards (check (i) or (ii) below):

(i) Known lead-based paint and/or lead-based paint hazards are present in the housing (explain).

(ii) Seller has no knowledge of lead-based paint and/or lead-based paint hazards in the housing.

(b) Records and reports available to the seller (check (i) or (ii) below):

(i) Seller has provided the purchaser with all available records and reports pertaining to lead-based paint and/or lead-based paint hazards in the housing (list documents below).

(ii) Seller has no reports or records pertaining to lead-based paint and/or lead-based paint hazards in the housing.

Purchaser's Acknowledgment (initial)

(c) Purchaser has received copies of all information listed above.

(d) Purchaser has received the pamphlet *Protect Your Family from Lead in Your Home*.

(e) Purchaser has (check (i) or (ii) below):

(i) received a 10-day opportunity (or mutually agreed upon period) to conduct a risk assessment or inspection for the presence of lead-based paint and/or lead-based paint hazards; or

(ii) waived the opportunity to conduct a risk assessment or inspection for the presence of lead-based paint and/or lead-based paint hazards.

Agent's Acknowledgment (initial)


(f) Kr Agent has informed the seller of the seller's obligations under 42 U.S.C. 4852(d) and is aware of his/her responsibility to ensure compliance.

Certification of Accuracy

The following parties have reviewed the information above and certify, to the best of their knowledge, that the information they have provided is true and accurate.

Abijah Queen

Digitally signed by Abijah Queen
Date: 2021.03.08 11:18:22 -06'00'

_____ Seller	_____ Date	_____ Seller	_____ Date
_____ Purchaser	_____ Date	_____ Purchaser	_____ Date
 Agent	3-15-21 Date	_____ Agent	_____ Date

Where the test should be conducted

Place the detector or detectors in each lowest area suitable for occupancy, such as:

- a family room, living room, den, play-room, bedroom, workshop, or exercise room;
- in the lowest level suitable for occupancy, even if it isn't currently used but could be, without renovating.

For instance, if the house has one or more of the following foundation types, e.g., basement, crawl space, slab-on-grade, a test should be performed in the basement and in at least one room over the crawlspace and slab-on-grade area. If an elevated radon concentration is found and confirmed in one of these areas, fix the house.

DO NOT MEASURE:

- in the kitchen, laundry room and bathroom (because fan systems and humidity may affect some detectors); or
- in crawl spaces, on floor or wall cracks, or right next to a sump pump, as this may cause a false high reading.

The detector should be placed:

- in an area where it will not be disturbed;
- at least three feet from doors and windows to the outside;
- at least one foot from exterior walls;
- 20 inches to 6 feet from the floor;
- at least four inches away from other objects horizontally and directly above the detector;
- away from drafts; and
- four feet from heat, fireplaces, furnaces, and away from direct sunlight and areas of high humidity.

If the test results show radon levels above 4 pCi/L

Contact the IEMA-Division of Nuclear Safety Radon Program. Staff can provide names and addresses of professional radon mitigators who are trained to reduce radon concentrations. We also recommend that you see our web site www.radon.illinois.gov or contact the Radon Program for a copy of our brochure, *IEMA-Division of Nuclear Safety Guide to Radon Mitigation*.

After a radon reduction system is installed

Perform an independent short-term test to ensure that the reduction system is effective. Make sure the system is operating during the entire test.

The IEMA-Division of Nuclear Safety Radon Program can provide:

- Information about radon and radon testing;
- Names of licensed radon measurement professionals;
- Names of licensed radon mitigation professionals trained to reduce radon.

Call the IEMA-Division of Nuclear Safety Radon Program at: 1(800) 325-1245



***IEMA-Division of Nuclear Safety
1035 Outer Park Drive • Springfield, IL 62704
(217) 782-1325 • TDD: (217) 782-6023
www.radon.illinois.gov***

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State of Illinois
Illinois Emergency Management Agency

Radon Testing Guidelines for Real Estate Transactions

Because of the unique nature of real estate transactions, involving multiple parties and financial interests, the U.S. Environmental Protection Agency (U.S. EPA) designed special protocols for radon testing in real estate transactions. The Illinois Emergency Management Agency (IEMA)-Division of Nuclear Safety has adapted these protocols to conform with its radon regulations. These options are listed in simplified form in the table below.

Recommendations for Real Estate Transactions

IEMA strongly recommends ALL homebuyers have an indoor radon test performed prior to purchase or taking occupancy, and mitigated if elevated levels are found. It is not in the best interest of the buyer or seller to rely on a radon measurement performed by anyone other than a licensed measurement professional or technician. Elevated radon concentrations can easily be reduced by a qualified, licensed radon mitigator.

Test Options for Real Estate Transactions

Conduct a short-term radon test in each of the lowest structural areas of the home. For example, if the house has one or more of the following foundation types, e.g., basement, crawl space, slab-on-grade, a test in each area is required for licensed professional measurements.

What to Look for in Short-Term Real Estate Testing Options

Option	Detector Location	What to do Next
Simultaneous Two short-term tests, 48 hours or longer, performed at the same time.	Two detectors, four inches apart, in each of the lowest structural areas suitable for occupancy.	Fix the home if the average of the two tests is 4 picoCuries per liter (pCi/L) or more.
Continuous Monitor Test One test, 48 hours or longer, performed with an active continuous monitor that integrates and records radon levels hourly.	Continuous monitor placed in each of the lowest structural areas suitable for occupancy.	Fix the home if the average radon level is 4 pCi/L or more.

Short-term tests may last between two and 90 days. Most last between two and seven days. Tests between seven and 90 days are usually impractical for real estate transactions. Examples of short-term detectors used in real estate testing include: activated charcoal canisters, charcoal liquid scintillation vials, electret chambers and continuous radon monitors.

When do you average radon test results?

The only time radon test results can be averaged is when two test results are placed



simultaneously. Test results from different areas, such as above the crawl space and in the basement, are considered two different tests. Results are each independent of the other and are reported independently, such as basement result

of 4.2 pCi/L and family room over crawl space result of 6.1 pCi/L. With an elevated radon level in any one of the lowest structural areas, the recommendation is to fix the house.



If your tests don't agree, contact the IEMA-Division of Nuclear Safety

If your simultaneous tests are not in agreement (or if you're not sure whether or not they agree), contact the IEMA-Division of Nuclear Safety Radon Program or your licensed radon measurement professional.

IEMA-Division of Nuclear Safety Recommendations for Real Estate Radon Measurements

- Hire a licensed radon measurement professional.
- Be sure that IEMA-Division of Nuclear Safety Radon Program radon testing protocols are followed.
- Contact the IEMA-Division of Nuclear Safety Radon Program if you are uncertain about anything regarding radon testing.

www.radon.illinois.gov

Disclosure of Radon Information

The Illinois Radon Awareness Act and the Illinois Real Property Disclosure Act require that a seller of a home disclose information if aware of unsafe concentrations of radon in the home. The acts do not require that testing or remediation work be conducted. However, many relocation companies and lending institutions, as well as home buyers, request a radon test when purchasing a house. Sellers and brokers are cautioned to err on the side of full disclosure of material facts prior to entering into a purchase agreement.

When Testing

Be aware that any test lasting less than a week requires closed-house conditions. Closed-house conditions mean keeping all windows closed, keeping doors closed except for normal entry and exit, and not operating fans or other machines which bring air in from outside (except for fans that are part of a radon reduction system, or small exhaust fans that operate for only short periods of time).

- Before Testing: Begin closed-house conditions at least 12 hours before the start of the short-term test.
- During Testing: Maintain closed-house conditions during the entire duration of the short term test, especially for tests less than one week in duration. Operate home heating or cooling systems normally during the test. For tests lasting less than one week, only operate air conditioning units that recirculate interior air.

Note that professional measurement licensees are required to post Radon Measurement in Progress Notifications at every building entry.

Interference with successful completion of a radon measurement is illegal in Illinois.



Protect Your Family From Lead in Your Home



United States
Environmental
Protection Agency



United States
Consumer Product
Safety Commission



United States
Department of Housing
and Urban Development

Are You Planning to Buy or Rent a Home Built Before 1978?

Did you know that many homes built before 1978 have **lead-based paint**? Lead from paint, chips, and dust can pose serious health hazards.

Read this entire brochure to learn:

- How lead gets into the body
- How lead affects health
- What you can do to protect your family
- Where to go for more information

Before renting or buying a pre-1978 home or apartment, federal law requires:

- Sellers must disclose known information on lead-based paint or lead-based paint hazards before selling a house.
- Real estate sales contracts must include a specific warning statement about lead-based paint. Buyers have up to 10 days to check for lead.
- Landlords must disclose known information on lead-based paint or lead-based paint hazards before leases take effect. Leases must include a specific warning statement about lead-based paint.

If undertaking renovations, repairs, or painting (RRP) projects in your pre-1978 home or apartment:

- Read EPA's pamphlet, *The Lead-Safe Certified Guide to Renovate Right*, to learn about the lead-safe work practices that contractors are required to follow when working in your home (see page 12).



Simple Steps to Protect Your Family from Lead Hazards

If you think your home has lead-based paint:

- Don't try to remove lead-based paint yourself.
- Always keep painted surfaces in good condition to minimize deterioration.
- Get your home checked for lead hazards. Find a certified inspector or risk assessor at [epa.gov/lead](https://www.epa.gov/lead).
- Talk to your landlord about fixing surfaces with peeling or chipping paint.
- Regularly clean floors, window sills, and other surfaces.
- Take precautions to avoid exposure to lead dust when remodeling.
- When renovating, repairing, or painting, hire only EPA- or state-approved Lead-Safe certified renovation firms.
- Before buying, renting, or renovating your home, have it checked for lead-based paint.
- Consult your health care provider about testing your children for lead. Your pediatrician can check for lead with a simple blood test.
- Wash children's hands, bottles, pacifiers, and toys often.
- Make sure children eat healthy, low-fat foods high in iron, calcium, and vitamin C.
- Remove shoes or wipe soil off shoes before entering your house.

Lead Gets into the Body in Many Ways

Adults and children can get lead into their bodies if they:

- Breathe in lead dust (especially during activities such as renovations, repairs, or painting that disturb painted surfaces).
- Swallow lead dust that has settled on food, food preparation surfaces, and other places.
- Eat paint chips or soil that contains lead.

Lead is especially dangerous to children under the age of 6.

- At this age, children's brains and nervous systems are more sensitive to the damaging effects of lead.
- Children's growing bodies absorb more lead.
- Babies and young children often put their hands and other objects in their mouths. These objects can have lead dust on them.



Women of childbearing age should know that lead is dangerous to a developing fetus.

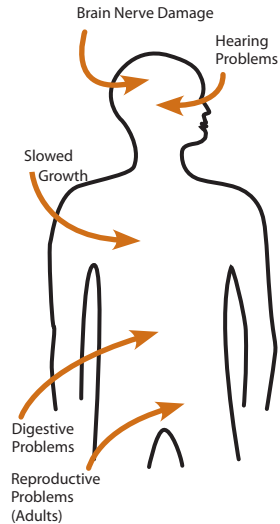
- Women with a high lead level in their system before or during pregnancy risk exposing the fetus to lead through the placenta during fetal development.

Health Effects of Lead

Lead affects the body in many ways. It is important to know that even exposure to low levels of lead can severely harm children.

In children, exposure to lead can cause:

- Nervous system and kidney damage
- Learning disabilities, attention-deficit disorder, and decreased intelligence
- Speech, language, and behavior problems
- Poor muscle coordination
- Decreased muscle and bone growth
- Hearing damage



While low-lead exposure is most common, exposure to high amounts of lead can have devastating effects on children, including seizures, unconsciousness, and in some cases, death.

Although children are especially susceptible to lead exposure, lead can be dangerous for adults, too.

In adults, exposure to lead can cause:

- Harm to a developing fetus
- Increased chance of high blood pressure during pregnancy
- Fertility problems (in men and women)
- High blood pressure
- Digestive problems
- Nerve disorders
- Memory and concentration problems
- Muscle and joint pain

Check Your Family for Lead

Get your children and home tested if you think your home has lead.

Children's blood lead levels tend to increase rapidly from 6 to 12 months of age, and tend to peak at 18 to 24 months of age.

Consult your doctor for advice on testing your children. A simple blood test can detect lead. Blood lead tests are usually recommended for:

- Children at ages 1 and 2
- Children or other family members who have been exposed to high levels of lead
- Children who should be tested under your state or local health screening plan

Your doctor can explain what the test results mean and if more testing will be needed.

Where Lead-Based Paint Is Found

In general, the older your home or childcare facility, the more likely it has lead-based paint.¹

Many homes, including private, federally-assisted, federally-owned housing, and childcare facilities built before 1978 have lead-based paint. In 1978, the federal government banned consumer uses of lead-containing paint.²

Learn how to determine if paint is lead-based paint on page 7.

Lead can be found:

- In homes and childcare facilities in the city, country, or suburbs,
- In private and public single-family homes and apartments,
- On surfaces inside and outside of the house, and
- In soil around a home. (Soil can pick up lead from exterior paint or other sources, such as past use of leaded gas in cars.)

Learn more about where lead is found at [epa.gov/lead](https://www.epa.gov/lead).

¹ “Lead-based paint” is currently defined by the federal government as paint with lead levels greater than or equal to 1.0 milligram per square centimeter (mg/cm²), or more than 0.5% by weight.

² “Lead-containing paint” is currently defined by the federal government as lead in new dried paint in excess of 90 parts per million (ppm) by weight.

Identifying Lead-Based Paint and Lead-Based Paint Hazards

Deteriorated lead-based paint (peeling, chipping, chalking, cracking, or damaged paint) is a hazard and needs immediate attention. **Lead-based paint** may also be a hazard when found on surfaces that children can chew or that get a lot of wear and tear, such as:

- On windows and window sills
- Doors and door frames
- Stairs, railings, banisters, and porches

Lead-based paint is usually not a hazard if it is in good condition and if it is not on an impact or friction surface like a window.

Lead dust can form when lead-based paint is scraped, sanded, or heated. Lead dust also forms when painted surfaces containing lead bump or rub together. Lead paint chips and dust can get on surfaces and objects that people touch. Settled lead dust can reenter the air when the home is vacuumed or swept, or when people walk through it. EPA currently defines the following levels of lead in dust as hazardous:

- 10 micrograms per square foot ($\mu\text{g}/\text{ft}^2$) and higher for floors, including carpeted floors
- 100 $\mu\text{g}/\text{ft}^2$ and higher for interior window sills

Lead in soil can be a hazard when children play in bare soil or when people bring soil into the house on their shoes. EPA currently defines the following levels of lead in soil as hazardous:

- 400 parts per million (ppm) and higher in play areas of bare soil
- 1,200 ppm (average) and higher in bare soil in the remainder of the yard

Remember, lead from paint chips—which you can see—and lead dust—which you may not be able to see—both can be hazards.

The only way to find out if paint, dust, or soil lead hazards exist is to test for them. The next page describes how to do this.

Checking Your Home for Lead

You can get your home tested for lead in several different ways:

- A lead-based paint **inspection** tells you if your home has lead-based paint and where it is located. It won't tell you whether your home currently has lead hazards. A trained and certified testing professional, called a lead-based paint inspector, will conduct a paint inspection using methods, such as:
 - Portable x-ray fluorescence (XRF) machine
 - Lab tests of paint samples
- A **risk assessment** tells you if your home currently has any lead hazards from lead in paint, dust, or soil. It also tells you what actions to take to address any hazards. A trained and certified testing professional, called a risk assessor, will:
 - Sample paint that is deteriorated on doors, windows, floors, stairs, and walls
 - Sample dust near painted surfaces and sample bare soil in the yard
 - Get lab tests of paint, dust, and soil samples
- A combination inspection and risk assessment tells you if your home has any lead-based paint and if your home has any lead hazards, and where both are located.



Be sure to read the report provided to you after your inspection or risk assessment is completed, and ask questions about anything you do not understand.

Checking Your Home for Lead, continued

In preparing for renovation, repair, or painting work in a pre-1978 home, Lead-Safe Certified renovators (see page 12) may:

- Take paint chip samples to determine if lead-based paint is present in the area planned for renovation and send them to an EPA-recognized lead lab for analysis. In housing receiving federal assistance, the person collecting these samples must be a certified lead-based paint inspector or risk assessor
- Use EPA-recognized tests kits to determine if lead-based paint is absent (but not in housing receiving federal assistance)
- Presume that lead-based paint is present and use lead-safe work practices

There are state and federal programs in place to ensure that testing is done safely, reliably, and effectively. Contact your state or local agency for more information, visit [epa.gov/lead](https://www.epa.gov/lead), or call **1-800-424-LEAD (5323)** for a list of contacts in your area.³

³ Hearing- or speech-challenged individuals may access this number through TTY by calling the Federal Relay Service at 1-800-877-8339.

What You Can Do Now to Protect Your Family

If you suspect that your house has lead-based paint hazards, you can take some immediate steps to reduce your family's risk:

- If you rent, notify your landlord of peeling or chipping paint.
- Keep painted surfaces clean and free of dust. Clean floors, window frames, window sills, and other surfaces weekly. Use a mop or sponge with warm water and a general all-purpose cleaner. (Remember: never mix ammonia and bleach products together because they can form a dangerous gas.)
- Carefully clean up paint chips immediately without creating dust.
- Thoroughly rinse sponges and mop heads often during cleaning of dirty or dusty areas, and again afterward.
- Wash your hands and your children's hands often, especially before they eat and before nap time and bed time.
- Keep play areas clean. Wash bottles, pacifiers, toys, and stuffed animals regularly.
- Keep children from chewing window sills or other painted surfaces, or eating soil.
- When renovating, repairing, or painting, hire only EPA- or state-approved Lead-Safe Certified renovation firms (see page 12).
- Clean or remove shoes before entering your home to avoid tracking in lead from soil.
- Make sure children eat nutritious, low-fat meals high in iron, and calcium, such as spinach and dairy products. Children with good diets absorb less lead.

Reducing Lead Hazards

Disturbing lead-based paint or removing lead improperly can increase the hazard to your family by spreading even more lead dust around the house.

- In addition to day-to-day cleaning and good nutrition, you can **temporarily** reduce lead-based paint hazards by taking actions, such as repairing damaged painted surfaces and planting grass to cover lead-contaminated soil. These actions are not permanent solutions and will need ongoing attention.
- You can minimize exposure to lead when renovating, repairing, or painting by hiring an EPA- or state-certified renovator who is trained in the use of lead-safe work practices. If you are a do-it-yourselfer, learn how to use lead-safe work practices in your home.
- To remove lead hazards permanently, you should hire a certified lead abatement contractor. Abatement (or permanent hazard elimination) methods include removing, sealing, or enclosing lead-based paint with special materials. Just painting over the hazard with regular paint is not permanent control.



Always use a certified contractor who is trained to address lead hazards safely.

- Hire a Lead-Safe Certified firm (see page 12) to perform renovation, repair, or painting (RRP) projects that disturb painted surfaces.
- To correct lead hazards permanently, hire a certified lead abatement contractor. This will ensure your contractor knows how to work safely and has the proper equipment to clean up thoroughly.

Certified contractors will employ qualified workers and follow strict safety rules as set by their state or by the federal government.

Reducing Lead Hazards, continued

If your home has had lead abatement work done or if the housing is receiving federal assistance, once the work is completed, dust cleanup activities must be conducted until clearance testing indicates that lead dust levels are below the following levels:

- 10 micrograms per square foot ($\mu\text{g}/\text{ft}^2$) for floors, including carpeted floors
- 100 $\mu\text{g}/\text{ft}^2$ for interior windows sills
- 400 $\mu\text{g}/\text{ft}^2$ for window troughs

Abatements are designed to permanently eliminate lead-based paint hazards. However, lead dust can be reintroduced into an abated area.

- Use a HEPA vacuum on all furniture and other items returned to the area, to reduce the potential for reintroducing lead dust.
- Regularly clean floors, window sills, troughs, and other hard surfaces with a damp cloth or sponge and a general all-purpose cleaner.

Please see page 9 for more information on steps you can take to protect your home after the abatement. For help in locating certified lead abatement professionals in your area, call your state or local agency (see pages 15 and 16), [epa.gov/lead](https://www.epa.gov/lead), or call 1-800-424-LEAD.

Renovating, Repairing or Painting a Home with Lead-Based Paint

If you hire a contractor to conduct renovation, repair, or painting (RRP) projects in your pre-1978 home or childcare facility (such as pre-school and kindergarten), your contractor must:

- Be a Lead-Safe Certified firm approved by EPA or an EPA-authorized state program
- Use qualified trained individuals (Lead-Safe Certified renovators) who follow specific lead-safe work practices to prevent lead contamination
- Provide a copy of EPA's lead hazard information document, *The Lead-Safe Certified Guide to Renovate Right*



RRP contractors working in pre-1978 homes and childcare facilities must follow lead-safe work practices that:

- **Contain the work area.** The area must be contained so that dust and debris do not escape from the work area. Warning signs must be put up, and plastic or other impermeable material and tape must be used.
- **Avoid renovation methods that generate large amounts of lead-contaminated dust.** Some methods generate so much lead-contaminated dust that their use is prohibited. They are:
 - Open-flame burning or torching
 - Sanding, grinding, planing, needle gunning, or blasting with power tools and equipment not equipped with a shroud and HEPA vacuum attachment
 - Using a heat gun at temperatures greater than 1100°F
- **Clean up thoroughly.** The work area should be cleaned up daily. When all the work is done, the area must be cleaned up using special cleaning methods.
- **Dispose of waste properly.** Collect and seal waste in a heavy duty bag or sheeting. When transported, ensure that waste is contained to prevent release of dust and debris.

To learn more about EPA's requirements for RRP projects, visit epa.gov/getleadsafe, or read *The Lead-Safe Certified Guide to Renovate Right*.

Other Sources of Lead

Lead in Drinking Water

The most common sources of lead in drinking water are lead pipes, faucets, and fixtures.

Lead pipes are more likely to be found in older cities and homes built before 1986.

You can't smell or taste lead in drinking water.

To find out for certain if you have lead in drinking water, have your water tested.

Remember older homes with a private well can also have plumbing materials that contain lead.

Important Steps You Can Take to Reduce Lead in Drinking Water

- Use only cold water for drinking, cooking and making baby formula. Remember, boiling water does not remove lead from water.
- Before drinking, flush your home's pipes by running the tap, taking a shower, doing laundry, or doing a load of dishes.
- Regularly clean your faucet's screen (also known as an aerator).
- If you use a filter certified to remove lead, don't forget to read the directions to learn when to change the cartridge. Using a filter after it has expired can make it less effective at removing lead.

Contact your water company to determine if the pipe that connects your home to the water main (called a service line) is made from lead. Your area's water company can also provide information about the lead levels in your system's drinking water.

For more information about lead in drinking water, please contact EPA's Safe Drinking Water Hotline at 1-800-426-4791. If you have other questions about lead poisoning prevention, call 1-800 424-LEAD.*

Call your local health department or water company to find out about testing your water, or visit [epa.gov/safewater](https://www.epa.gov/safewater) for EPA's lead in drinking water information. Some states or utilities offer programs to pay for water testing for residents. Contact your state or local water company to learn more.

* Hearing- or speech-challenged individuals may access this number through TTY by calling the Federal Relay Service at 1-800-877-8339.

Other Sources of Lead, continued

- **Lead smelters** or other industries that release lead into the air.
- **Your job.** If you work with lead, you could bring it home on your body or clothes. Shower and change clothes before coming home. Launder your work clothes separately from the rest of your family's clothes.
- **Hobbies** that use lead, such as making pottery or stained glass, or refinishing furniture. Call your local health department for information about hobbies that may use lead.
- Old **toys** and **furniture** may have been painted with lead-containing paint. Older toys and other children's products may have parts that contain lead.⁴
- Food and liquids cooked or stored in **lead crystal** or **lead-glazed pottery or porcelain** may contain lead.
- Folk remedies, such as "**greta**" and "**azarcon,**" used to treat an upset stomach.

⁴ In 1978, the federal government banned toys, other children's products, and furniture with lead-containing paint. In 2008, the federal government banned lead in most children's products. The federal government currently bans lead in excess of 100 ppm by weight in most children's products.

For More Information

The National Lead Information Center

Learn how to protect children from lead poisoning and get other information about lead hazards on the Web at epa.gov/lead and hud.gov/lead, or call **1-800-424-LEAD (5323)**.

EPA's Safe Drinking Water Hotline

For information about lead in drinking water, call **1-800-426-4791**, or visit epa.gov/safewater for information about lead in drinking water.

Consumer Product Safety Commission (CPSC) Hotline

For information on lead in toys and other consumer products, or to report an unsafe consumer product or a product-related injury, call **1-800-638-2772**, or visit CPSC's website at cpsc.gov or saferproducts.gov.

State and Local Health and Environmental Agencies

Some states, tribes, and cities have their own rules related to lead-based paint. Check with your local agency to see which laws apply to you. Most agencies can also provide information on finding a lead abatement firm in your area, and on possible sources of financial aid for reducing lead hazards. Receive up-to-date address and phone information for your state or local contacts on the Web at epa.gov/lead, or contact the National Lead Information Center at **1-800-424-LEAD**.

Hearing- or speech-challenged individuals may access any of the phone numbers in this brochure through TTY by calling the toll-free Federal Relay Service at **1-800-877-8339**.

U. S. Environmental Protection Agency (EPA)

Regional Offices

The mission of EPA is to protect human health and the environment. Your Regional EPA Office can provide further information regarding regulations and lead protection programs.

Region 1 (Connecticut, Massachusetts, Maine, New Hampshire, Rhode Island, Vermont)

Regional Lead Contact
U.S. EPA Region 1
5 Post Office Square, Suite 100, OES 05-4
Boston, MA 02109-3912
(888) 372-7341

Region 2 (New Jersey, New York, Puerto Rico, Virgin Islands)

Regional Lead Contact
U.S. EPA Region 2
2890 Woodbridge Avenue
Building 205, Mail Stop 225
Edison, NJ 08837-3679
(732) 906-6809

Region 3 (Delaware, Maryland, Pennsylvania, Virginia, DC, West Virginia)

Regional Lead Contact
U.S. EPA Region 3
1650 Arch Street
Philadelphia, PA 19103
(215) 814-2088

Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee)

Regional Lead Contact
U.S. EPA Region 4
AFC Tower, 12th Floor, Air, Pesticides & Toxics
61 Forsyth Street, SW
Atlanta, GA 30303
(404) 562-8998

Region 5 (Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin)

Regional Lead Contact
U.S. EPA Region 5 (LL-17J)
77 West Jackson Boulevard
Chicago, IL 60604-3666
(312) 353-3808

Region 6 (Arkansas, Louisiana, New Mexico, Oklahoma, Texas, and 66 Tribes)

Regional Lead Contact
U.S. EPA Region 6
1445 Ross Avenue, 12th Floor
Dallas, TX 75202-2733
(214) 665-2704

Region 7 (Iowa, Kansas, Missouri, Nebraska)

Regional Lead Contact
U.S. EPA Region 7
11201 Renner Blvd.
Lenexa, KS 66219
(800) 223-0425

Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming)

Regional Lead Contact
U.S. EPA Region 8
1595 Wynkoop St.
Denver, CO 80202
(303) 312-6966

Region 9 (Arizona, California, Hawaii, Nevada)

Regional Lead Contact
U.S. EPA Region 9 (CMD-4-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 947-4280

Region 10 (Alaska, Idaho, Oregon, Washington)

Regional Lead Contact
U.S. EPA Region 10 (20-C04)
Air and Toxics Enforcement Section
1200 Sixth Avenue, Suite 155
Seattle, WA 98101
(206) 553-1200

Consumer Product Safety Commission (CPSC)

The CPSC protects the public against unreasonable risk of injury from consumer products through education, safety standards activities, and enforcement. Contact CPSC for further information regarding consumer product safety and regulations.

CPSC

4330 East West Highway
Bethesda, MD 20814-4421
1-800-638-2772
cpsc.gov or saferproducts.gov

U. S. Department of Housing and Urban Development (HUD)

HUD's mission is to create strong, sustainable, inclusive communities and quality affordable homes for all. Contact to Office of Lead Hazard Control and Healthy Homes for further information regarding the Lead Safe Housing Rule, which protects families in pre-1978 assisted housing, and for the lead hazard control and research grant programs.

HUD

451 Seventh Street, SW, Room 8236
Washington, DC 20410-3000
(202) 402-7698
hud.gov/lead

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IMPORTANT!

Lead From Paint, Dust, and Soil in and Around Your Home Can Be Dangerous if Not Managed Properly

- Children under 6 years old are most at risk for lead poisoning in your home.
- Lead exposure can harm young children and babies even before they are born.
- Homes, schools, and child care facilities built before 1978 are likely to contain lead-based paint.
- Even children who seem healthy may have dangerous levels of lead in their bodies.
- Disturbing surfaces with lead-based paint or removing lead-based paint improperly can increase the danger to your family.
- People can get lead into their bodies by breathing or swallowing lead dust, or by eating soil or paint chips containing lead.
- People have many options for reducing lead hazards. Generally, lead-based paint that is in good condition is not a hazard (see page 10).