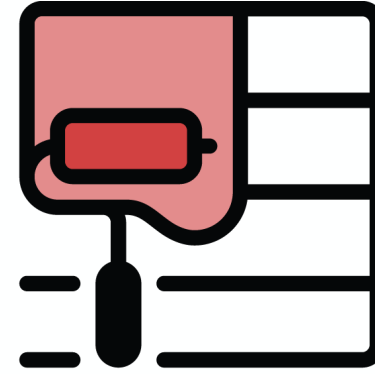


LEAD HAZARD ABATEMENT PROGRAM



City of Tuscaloosa

Lead Hazard Abatement Program
Chip Cates, PG, Program Manager



The City has received a grant from Office of Lead Hazard Control and Healthy Homes which is part of Office of Housing and Urban Development (HUD)

Goal is to remediate lead based paint hazards in 200 pre 1978 housing units within the city limits.

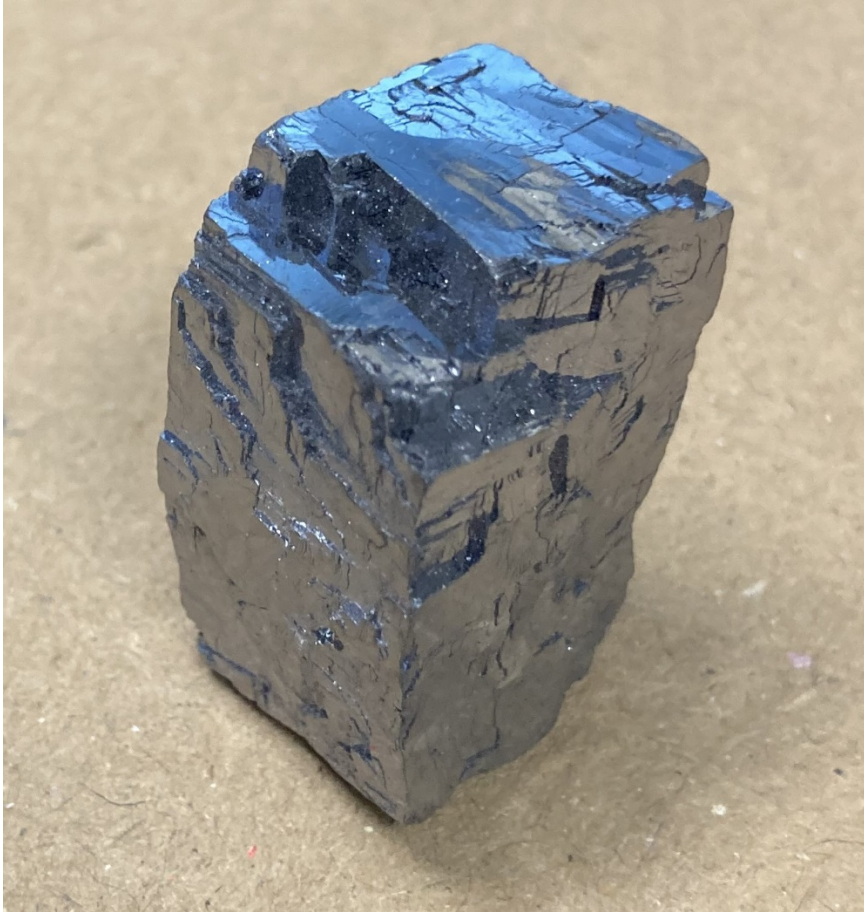
Priorities:

1. Homes with children under the age of 6 with Elevated Blood Levels.
2. Homes with children under the age of 6 or a pregnant Mother
3. Owner occupied units
4. Rental units

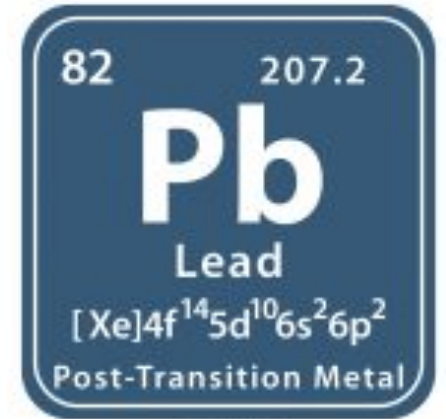


LEAD

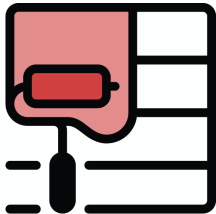
Lead is a dense metallic naturally occurring mineral that has no benefit to the human body.



Lead's high density, low melting point, ductility and relative inertness to oxidation make it useful. These properties, combined with its relative abundance and low cost, resulted in its extensive use in construction, plumbing, batteries, bullets and shot, weights, solders, pewters, fusible alloys, white paints, leaded gasoline, and radiation shielding. While lead based paint and leaded gasoline were taken out of production in North America and Europe over 40 years ago, some countries still produce things like toys that have lead based paints.



Lead Uses?



Lead Paint in homes built before 1978



Lead Dust is created by Abrasion on Friction Surfaces that contain Lead Paint as well as the Weathering of Lead Containing surfaces such as walls, trim, porches and even mini blinds

The most common form of Lead Poisoning in children is from hand to mouth ingestion of Lead Dust!!



Lead Poisoning

Lead contaminated
dust



**Lead contaminated
DUST!! or paint chips**

If you are exposed to small amounts of lead over time or one large dose, your body may take in more lead than it can clean out. Lead poisoning is a disease that occurs when too much lead builds up in the body.

Lead in Soil

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



Health effects of lead poisoning

Lead can harm both children and adults. Many times there are no symptoms until the health problems are very serious. Usually people who are lead poisoned do not seem to be sick.

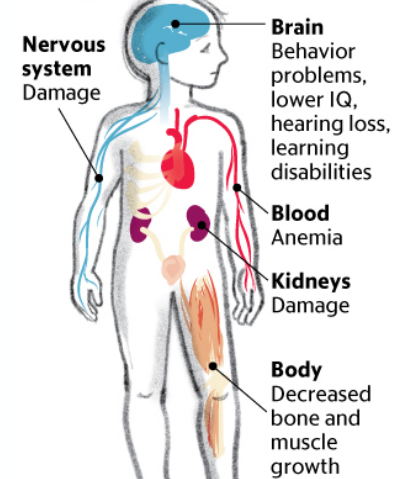
Children under the **age of six** and **pregnant women** are most vulnerable due to rapid organ development and sensitivity to lead absorption. The kids are the ones crawling on the floor and putting hands / things into their mouth that could have lead dust.

A blood lead test is the only way to know if your child has lead poisoning!

Lead exposure

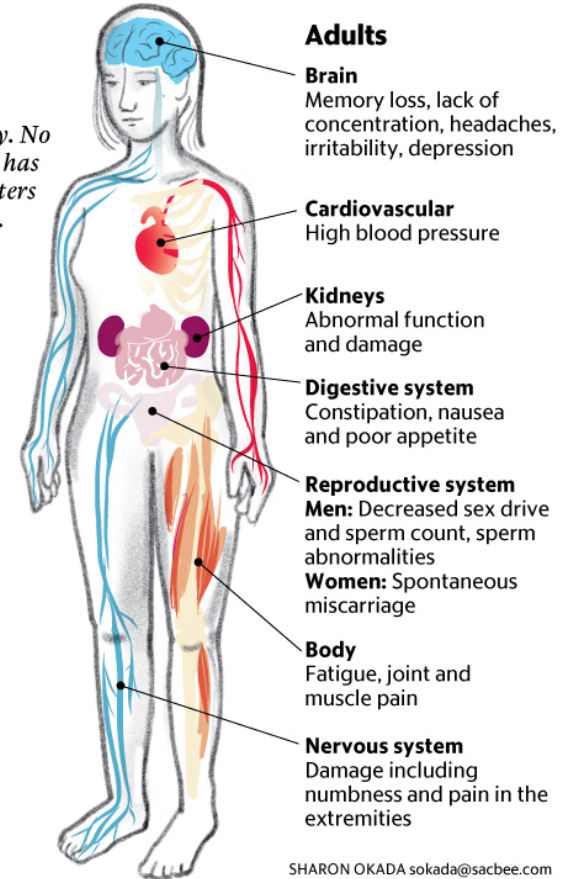
Although often without obvious symptoms, lead exposure can affect nearly every part of the human body. No safe level of lead in the bloodstream has been determined by the federal Centers for Disease Control and Prevention.

Children



Sources: Centers for Disease Control and Prevention; National Institutes of Health

Adults



SHARON OKADA sokada@sacbee.com

Blood Test

ETS

Energy Technical Services, LLC
Tuscaloosa, Alabama 205.330.7994
Mobile, Alabama 251.288.3766

Customer: Rock Castle
P.O. Box 1081
Tuscaloosa, AL 35403

Project Name: Secondary Drinking Water

Location: Special Sample for DW

Analytical Report

Date/Time collected: 8/28/20 0:00
Sampled by: Sampler, Client
Sample type: Grab
Customer ID: Filter
PO: n/a

Analyte	Analysis Started Date/Time/Analyst			Result	Units	Det Lim	Dil. Factor	Method
200831J002 Filter	9/1/2020	09:33	jcg	< 0.005	mg/L	0.005	1	EPA 200.7
200831J002 Kitchen	9/1/2020	09:33	jcg	< 0.005	mg/L	0.005	1	EPA 200.7
200831J002 Outside	9/1/2020	09:33	jcg	0.479	mg/L	0.005	1	EPA 200.7
200831J002 Upstairs	9/1/2020	09:35	jcg	< 0.005	mg/L	0.005	1	EPA 200.7

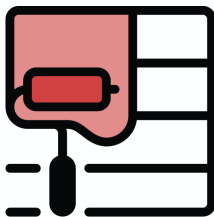
479 Parts Per Billion!!!

Note: Samples were analyzed in general accordance with the following Method References:

- Code of Federal Regulations, Title 40, Part 136
- Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846
- ASTM Annual Standards
- US EPA Lab Code AL01153

15 ppb is the
maximum amount of
lead EPA allows in
drinking water

LEAD HAZARD
ABATEMENT PROGRAM



DCH HEALTH SYSTEM LABORATORIES

DCH REGIONAL MEDICAL CENTER
809 UNIVERSITY BLVD. E.
TUSCALOOSA, AL 35401

NORTHPORT MEDICAL CENTER
2700 HOSPITAL DRIVE
NORTHPORT, AL 35476

FAYETTE MEDICAL CENTER
1653 TEMPLE AVENUE N
FAYETTE, AL 35555

PATIENT: CATES, [REDACTED] CHART #: 241425	ACCT #: [REDACTED] AGE/SX: 5Y 06M/M	LOC: OPC.L2 DOB: [REDACTED]	U #: [REDACTED] REG: 09/02/20
SPEC #: 0902:SN00225R PT ID:	COLL: 09/02/20-1608 RECD: 09/02/20-2007	STATUS: COMP SUBM DR: BOBO, PHILLIP K., M.D.	REQ #: 28649927
ENTERED: 09/02/20-2006 ORDERED: LEADP-717009 COMMENTS: FROZEN 1 RMTMP REFRIG URINE SLIDES DATE: 09/03/20 TIME: 0728 TECH: LB.WILD	OTHER DR: EMERGI-CARE		
Campus: DHA			
Test/Procedure	Result	Flag Reference	Ver Date/Time
LEAD, BLOOD	<0	(@RCH) L 0-4 ug/dL	09/04/20 1450
NONE DETECTED			
This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration. Performed at: MB - LabCorp Birmingham 1801 First Avenue South, Birmingham, AL 352331935 Lab Director: Brian Ragland MD, Phone: 2055813500			

@RCH - LABCORP
TESTING PERFORMED BY LABCORP



Blood testing for Lead

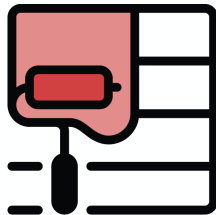
In Tuscaloosa County, children receive venous blood lead screening from their primary care provider which may be a private medical practice, a hospital owned clinic, or a Federally Qualified Health Center (FQHC).



2731 Martin Luther King Jr. Blvd.
Tuscaloosa, AL 35401-5235

**(205) 758-
6647**

**LEAD HAZARD
ABATEMENT PROGRAM**



1601 University Blvd E
Tuscaloosa AL 35404

**(205) 349-
2273**



Elevated Lead Blood Level (EBLL)

All child lead blood testing results should be reported to The Alabama Department of Public Health



Alabama Childhood Lead Poisoning Prevention Program

Form Updated: February 11, 2020

Use this form to report all **elevated blood lead levels** greater than or equal to 5 µg/dL. Please print or type all requested information.

Fax to (334) 206-3726 within 5 days of testing. Please call (334) 206-3883 with any questions.

Blood lead levels less than 5 µg/dL should be reported on the non-elevated lead reporting form within 30 days of testing.

Name: Last, First			
DOB/ Sex / Race, Ethnicity	/ /		
Street Address			
City, State Zip/ Phone	/		
Lead Result	Collection Date / /	<input type="checkbox"/> Venous or Capillary (circle or select one)	Blood Lead Level µg/dL
Medicaid Number (or N/A)/ Guardian name	/		

Name: Last, First			
DOB/ Sex/ Race, Ethnicity	/ /		
Street Address			
City, State Zip/ Phone	/		
Lead Result	Collection Date / /	<input type="checkbox"/> Venous or Capillary (circle or select one)	Blood Lead Level µg/dL
Medicaid Number (or N/A)/ Guardian name	/		

Reporting Facility _____

Name of Sender _____ Phone _____

Page ____ of ____



REPORT ALL LEAD LEVELS
Phone: 1-833-667-1495
Fax: 1-334-206-3726

The Health Department responds to positive child lead blood tests **(An EBLL Investigation is initiated to find the lead source when a child has been lead poisoned)**



Tuscaloosa Lead Paint Hazard Abatement Program

PROGRAM ELIGIBILITY

The Lead Hazard Abatement Program assists homeowners and landlords who can meet the following qualifications:

- The residential unit must be located within the city limits of the City of Tuscaloosa
- The unit must have been built prior to 1978

Income Criteria

- Homeowners must make >80% AMI and renters must make >50% AMI

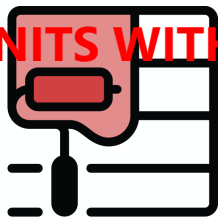
Owner-Occupied units must have one of the following:

- a child under the age of 6 who resides in the unit, or
- a child under the age of 6 who spends a “significant amount of time” in the unit, OR
- a pregnant woman who resides in the unit

Rental units do not require a qualifying child occupant at the time of assistance. **BUT** The landlord must agree to give priority to families with children under the age of 6 when renting for 3 years following the completion of lead abatement activities. Vacant Rental units are eligible for assistance as well.

PRIORITY GIVEN TO UNITS WITH CHILD ELEVATED BLOOD LEVELS!!!!

**LEAD HAZARD
ABATEMENT PROGRAM**



Annual Household Income Limits for Occupants		
Household	Maximum Annual Income	
Size	Renters	Owners
1 Person	\$23,750	\$38,000
2 Person	\$27,150	\$43,400
3 Person	\$30,550	\$48,850
4 Person	\$33,900	\$54,250
5 Person	\$36,650	\$58,600
6 Person	\$39,150	\$62,950
7 Person	\$42,050	\$67,300
8 Person	\$44,750	\$71,650
Income Limits are subject to change (9/15/20)		

The chart shows 50% & 80% of the Area Median Income by household size



How to apply to get a free Lead Blood Test for my child under the age of 6 and/or a Lead Paint Inspection and Risk Assessment for my house?

Go to the website and fill out the pre-application or email or call to get a pre-application form to fill out and mail in

tuscaloosa.com/lead

Email: lead@tuscaloosa.com

Call: 205-248-5087



What happens next?

If you meet the qualifications to join the program, a certified lead firm will conduct a lead paint inspection and/or risk assessment on your home at no cost to you.



What if the certified lead risk assessor finds lead paint hazards in my home?

A certified lead abatement contractor will make repairs using lead safe work practices including the setting up of containment areas that will keep lead dust from spreading throughout your home. If necessary the Program will provide temporary relocation of your family to a hotel during the lead abatement process.

Interim Controls

- Paint Stabilization
- Friction and Impact Surface Treatment
- Dust Control
- Soil Interim Control

Abatement

- Paint Removal
- Enclosure
- Encapsulation
- Replacement (windows)
- Removal or "permanent" covering of soil-lead hazards



What if I don't qualify for the Program but live in a house built before 1978??

- 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.
- 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 Alabama 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.



What if I want to do Lead Paint Inspections, Risk Assessments and/or Abatement for this Program?

You must be trained and certified by the State of Alabama!!

Individuals

Accredited Lead Based Paint Inspector
Accredited Lead Based Paint Risk Assessor
Accredited Lead Based Paint Worker
Accredited Lead Based Paint Supervisor
Accredited Lead Based Paint Project Designer



Firms

Certified Inspection/Risk Assessment Contractor
Certified Abatement Contractor
Certified Project Designer Contractor



State of Alabama Program

Michael Rasbury, Associate Director

(205) 348-3967

mrasbury@ua.edu

Ashley Chambers, Manager of Environmental Services

(205) 348-9761

ashley.chambers@ua.edu

Individual Accreditation

Training Provider Accreditation



**Steven McDaniel, Indoor Air
Quality/Lead Branch**

Bureau of Environmental Services

(334) 206-5752

Steven.McDaniel@adph.state.al.us

Firm Certification

Inspections

Enforcement



STATE REGISTRATION IS A 4-STEP PROCESS

- Successfully complete training from an Alabama Approved/ Accredited Training Provider
- PASS Third party exam
- Register as an INDIVIDUAL with UA SafeState and get Accredited
- Get your FIRM Certified with the Alabama Department of Public Health



Navigating to the Websites

UASafeState LBP Abatement
LBP.ua.edu

ADPH Lead Programs
alabamapublichealth.gov/lead



Alabama – Lead Based Paint Abatement Accreditation Numbers

LBP Abatement Firms 44

Alabama – Lead Based Paint Renovator Accreditation Numbers

LBP Renovator Firms 253 (active)

LBP Individual Renovators 510 (active)

*List of Certified Firms is Available at alabamapublichealth.gov/lead

If your company is not on the ABATEMENT list you can't work within this program



Training

There are plans for the City of Tuscaloosa Lead Hazard Abatement Program to hold free training opportunities for individuals to receive Lead Based Paint Worker and Lead Based Paint Inspector/ Risk Assessor training in the future.



Contact

Chip Cates, PG

Program Manager

City of Tuscaloosa Lead Based Paint Hazard Abatement

tuscaloosa.com/lead

lead@tuscaloosa.com

205-248-5087

