

PRIORITIZED CRITERIA, YARD REMOVAL PROCEDURES AND ABATEMENT DEFINITIONS

Prioritized Criteria for Yard and House Abatement (highest to lowest):

On March 2, 1993 the Lead Levels Advisory Committee recommended the implementation of a long term Lead Poisoning Prevention and Abatement Program in Butte-Silver Bow County. The following criteria was prepared by the Committee and presented to the Butte-Silver Bow Health Board.

1. Homes occupied by one or more children with a blood lead (PbB) equal to or greater than 10 µg/dL {which is considered to be an elevated blood lead (EBL)}.
2. Secondary residence or subsequent homes occupied by children with an EBL.
3. Homes previously occupied by children with an EBL, even if no child is currently living at the address.
4. Homes with very young children (e.g. <1 year) and PbB of 5-9 µg/dL.
5. Homes with no children but with one or more sources (paint, water, soil, house dust) with a lead concentration which exceeds the 95th percentile as determined by the Butte-Silver Bow Environmental Health Lead Study (1990). Particular attention should be given to homes built prior to 1940.
6. Designated playgrounds maintained by Butte-Silver Bow.
7. Informal play areas frequented by children with or without property owners permission.

General Yard Abatement Procedures:

Each yard removal was conducted according to the following procedures:

- Soil Sampling Request form signed by the landowner.
- Soil sampling of yards according to approved sampling protocol.
- Back-fill and top soil sampling.
- Yard Specific Removal Plans developed for each removal.
- Access Agreement signed by landowner.
- Yard Specific Removal Plans submitted to EPA for approval.
- EPA, BSB and ARCO site visit.
- Finalize Yard Specific Removal Plan.
- BSB and contractor site visit.
- Photographic and/or video record on each yard to document pre- and post-removal condition of property.
- Yard excavated to a depth of 18 inches and contaminated soil hauled to repository. Yard back-filled as follows:

Geotextile fabric
Clean soil—14 inches (approx.)
Topsoil—2-3 inches
Sod installed

General House Abatement Procedures:

Replacement Replace old lead based painted components with new.

Enclose Mechanically attached solid surface sealed to prevent dust escape.

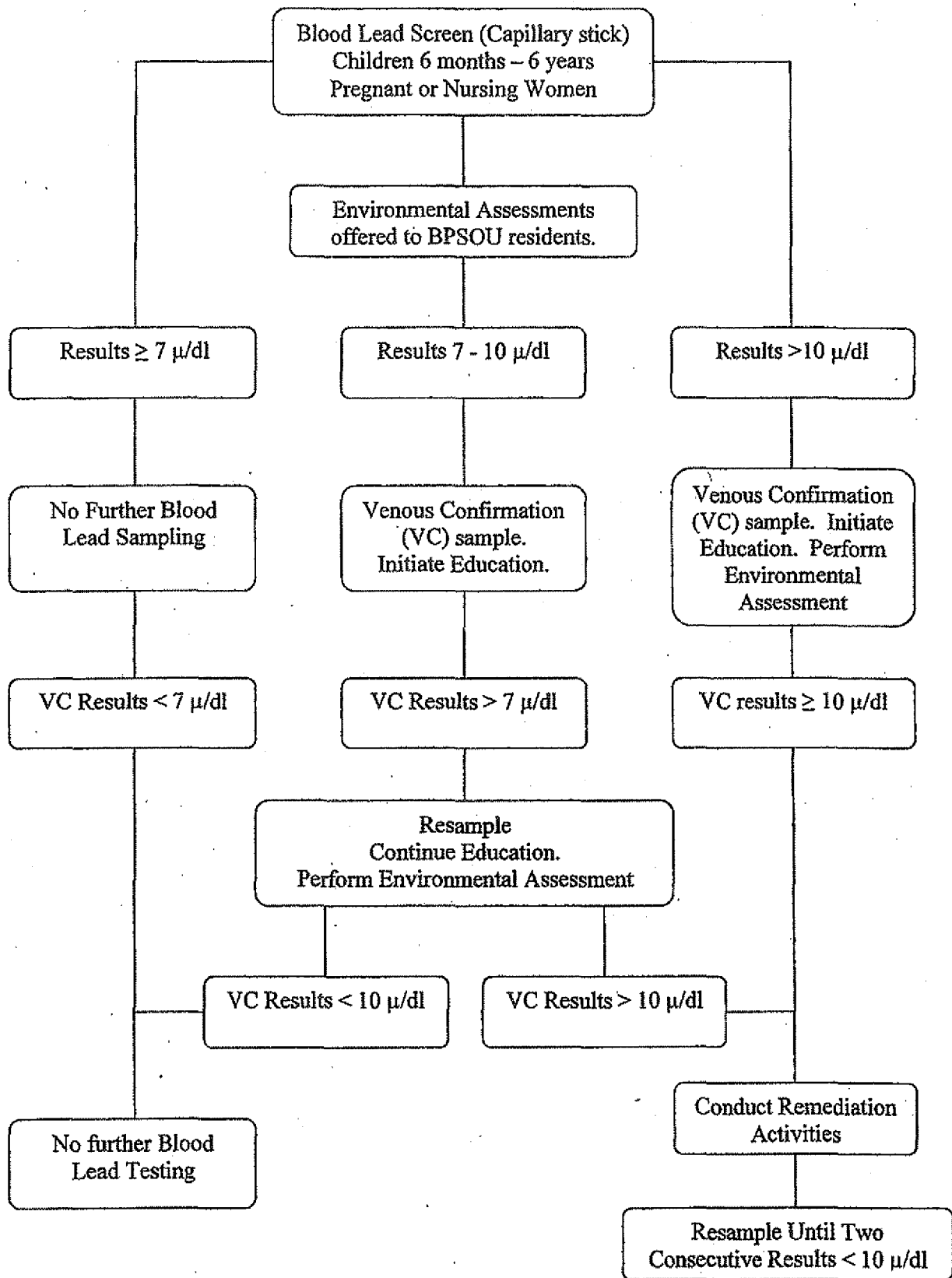
Encapsulate Application of a liquid material that hardens to the lead painted surface and prevents dust escape. Usually with a thickness of 10 millimeters.

Paint Stabilization Occurs when painted surface is capable of holding new paint. Area is wetted with a spray bottle, scraped, primed and re-painted.

General Attic Dust Abatement Procedures:

Each attic abatement was conducted according to the following procedures:

- Sampling Request form signed by the landowner.
- Dust sampling of attics according to approved sampling protocol.
- Dust Specific Removal Plans developed for each removal.
- Access Agreement signed by landowner.
- Dust Specific Removal Plans submitted to EPA for approval.
- EPA, BSB and ARCO site visit.
- Finalize Dust Specific Removal Plan.
- BSB and contractor site visit.
- Photographic and/or video record on each attic to document pre- and post-removal condition of property.
- Containment is set up at the entrance/exit to each attic, insulation and debris is hand bagged when necessary, remaining debris and contaminated dust is removed with a HEPA equipped vacuum system, all materials removed are double bagged and disposed of at the repository.



16.28.239 LEAD POISONING: ELEVATED BLOOD LEAD

LEVELS IN CHILDREN: (1) When an elevated capillary test of a child shows an elevated blood lead level (EBL) greater than or equal to 10 micrograms per deciliter (ug/dl), the Health Care Provider who ordered the capillary test must confirm the results as soon as possible by a venous draw.

(2) In the case of an elevated venous level, the Health Care Provider must retest the blood lead level at intervals recommended by the Federal Centers For Disease Control & Prevention, until two consecutive tests taken at least two months apart show a level of less than 10 ug/dl.

(3) The department hereby adopts and incorporates by reference the recommendations for blood lead testing intervals for children with elevated venous levels published in November 1997 by the Federal Centers For Disease Control & Prevention (CDC) and contained in CDC's manual "Screening Young Children For Lead Poisoning: Guidance For State And Local Public Health Officials", which contains guidance for identifying children with dangerous blood lead levels and intervening to protect them. A copy of the manual is available from the Centers For Disease Control, MASO Publications Distribution Facility, 5665 New Peachtree Road (PO7), Atlanta, GA 30341. (History: Sec. 50-1-202, MCA; IMP, Sec. 50-1-202, MCA; NEW, 2000 MAR p. 2528, Eff. 9/22/00.)

WIC PROGRAM FOR WOMEN, INFANTS AND CHILDREN (WIC)
RELEASE OF INFORMATION
MONTANA STATE WIC PROGRAM

Each section must be completed.

I. I authorize the release of information obtained by the WIC Program for _____
(Name of Participant)

II. The information is to be released from:

Name of Facility: _____

Address: _____

City, State, Zip: _____

and is to be provided to:

Name of Person/organization/facility: _____

Address: _____

City, State, Zip: _____

III. The information to be released is from my WIC Chart and includes: (Mark as appropriate)

☐ The entire record

☐ Only information related to (specify): _____

☐ Only the period or events from _____

IV. I understand that I may revoke this authorization in writing at any time, except to the extent that action has been taken in reliance on this authorization. If this authorization has not been revoked, it will terminate one year from the date of my signature.

Signature of Participant: _____ (Date: _____)

Signature of Parent, Guardian:
Or, Authorized Representative (if necessary) _____ (Date: _____)

This information is to be released for the purpose stated above and may not be used by the recipient for any other purpose.

Standards for eligibility and participation in the WIC Program are the same for everyone, regardless of race, color, national origin, age, disability, or sex. If you feel you have been discriminated against, write immediately to the Secretary of Agriculture, Washington, D.C. 20250, and/or the Office of Civil Rights, USDA - Food and Consumer Services, 1244 Speer Boulevard, Room 903, Denver, Colorado 80204.

INFORMED CONSENT FOR LEAD TESTING

CHILD'S NAME	BIRTHDATE	MEDICAID NUMBER	RESULTS

A small amount of blood will be collected for the analysis of lead. The sample will be collected by a fingerstick from a finger or toe or by venipuncture from the arm. The risks of blood collection may include: discomfort/bruising, bleeding or swelling at the puncture site.

The results will remain confidential to the client's family, WIC, Butte Silver Bow Lead Program, and the client's physician (_____). If the results are provided to other groups, all client identifiers (names, numbers, etc.) will be removed from the data.

☐ I agree to hold Butte Silver Bow Health Department harmless and free from liability from any medical claim that may arise from authorized release of information or injury during the sample collection.

SIGNED _____ DATE _____

Is your home owned or rented? _____ Own _____ Rent

Are you currently renovating or remodeling? _____ Yes _____ No

Are there any vinyl mini-blinds in your home? _____ Yes _____ No

Does anyone do car repair or reloading bullets? _____ Yes _____ No

Was your home built before 1950? _____ Yes _____ No

Is there chipping or peeling paint inside or out? _____ Yes _____ No

Is food served on imported or antique dishes? _____ Yes _____ No

Does your child attend daycare? _____ Yes _____ No

Sampling Procedures

1) Paint

- a) Calibrate the XRF in accordance with manufactures specs.
- b) Visually inspect the property.
- c) Start on the interior of the house, in the room farthest from the entry point. (If possible)
- d) Test all painted surfaces in each room, closet, and hallway.
- e) After every shot write down the information required for every shot on the LBP testing data sheets.
- f) Move to the exterior of the house and shoot as many different surfaces as possible on each wall.
- g) After the house is complete move to any out buildings/fences and test all painted surfaces possible.
- h) Re-calibrate the XRF.
- i) Down load the XRF onto the computer and generate the report using the info from the LBP testing data sheets.

2) Attics/Crawl Spaces (If a pathway is present)

- a) Label a bag for the sample with the address and the location of the sample.
- b) Visually inspect the attic/crawl space for any hazards.
- c) Move insulation and/or debris to find the dust.
- d) Using the Quick Take 30, vacuum enough dust to meet lab specs for a sample.
- e) Take photos of the attic/crawl space.
- f) Replace any disturbed insulation and close access.
- g) Empty dust sample into the labeled bag.
- h) Clean sample bottle and hose for the next sample location.

3) Indoor Vacuums (Using the HVS₃ vacuums)

- a) Label a bag for the sample with the address and the location of the sample.
- b) A floor area directly inside the main entries.
- c) The floor areas in the most frequently occupied rooms. (Normally living room and/or kitchen)
- d) The floors in the children's bedrooms.
- e) The floor areas adjacent to or under attic pathways.
- f) Empty dust sample into the labeled bag.
- g) Clean vacuum parts from the sample bottle down for the next vacuum sample.

4) Basements (If it is a living space with a dirt floor)

- a) Label a bag for the sample with the address and the location of the sample.
- b) Visually inspect the basement for any hazards.
- c) Draw a map of the area, including the boundaries and labels for each composite sample section.
- d) Label a bag for each composite sample with the address and the location of the sample.
- e) Take five sub-samples for each composite sample through out the basement and put them in a properly labeled bag.
- f) Mark the locations of the sub-samples taken on the map.
- g) Take photos of the basement.

5) Yards

- a) Visually inspect the property and determine the number of sections needed for composite sampling.
- b) Draw a map of the property, including the boundaries and labels for each composite sample section.
- c) Label a bag for each composite sample with the address and the location of the sample.
- d) Take five sub-samples in an X pattern (if possible) for each composite sample section.
- e) Clean the shovel after each section is sampled and use a new scoop for each section.
- f) Mark the locations of the sub-samples taken on the map.
- g) Take photos of the property.

6) Logging Samples (yards, basements, indoor vacuums, and attics)

- a) Assign each sample a corresponding sample number.
- b) Log each sample and it's information into the BSB sample logbook.
- c) Make sure that each sample is labeled with a sample number, address, and sample location.
- d) Fill out a chain of custody and deliver to the lab for testing.
- e) All Samples will be tested for Lead, Arsenic, and Mercury.
- f) After the lab delivers the results, log sample results into the BSB logbook and onto the databases.