

Anaconda - Deer Lodge County

Blood Lead Testing – the past

- Mid 1990's – CDC lead testing grant – venous draws – ADLC scheduled, BSB County staff
- 2006 – CPMP – Lead Care II - random upon request
- 2008 – Head Start children (90) yearly LC II
- 2012 – MT HHLPPP grant – in progress

- BLL Testing has not seemed a high priority among health professionals

HHLPPP Grant

Collaboration between:

- **ADLC – Public Health Department**
- **ADLC – Superfund Department**
- **ADLC – Community Protective Measures Program**
- **GIS (Geographic Information System)**

Contacting the Families

- **Challenges**

- **Lack of updated contact information**

- 150 / 96 numbers (30 % not valid), 20 / 7
 - New addresses

- **Home “issues”**

- Reluctant to let us into the home
 - Afraid of land lord backlash
 - Unsure of process (holes in wall)
 - Lack of clean workspace
 - Cleaning house during visit

Contacting the Families

- **Strategies**
 - Letters to families with no numbers
 - Interactive appointment schedule
 - GIS maps - locate homes - maximize effort
 - Anaconda Leader article (7/13/12)
 - WIC - cross reference with clients
 - KXLF – news interview (8/9/12)
 - Head Start – cross reference lists & screenings
 - Flyers - incentives
 - Door hangers
 - Chance meetings

Testing Techniques

- Instructions for family
- Supplies carrier
- WIC mother's milk cool box - test tubes
- Filter paper transport box
- Laptop - real-time data entry
- Team work

- Incentives
 - During visit - stickers, glasses, bubbles, suckers, coloring books, videos
 - Final drawing – bikes, Kindle, dinner certificate
- Ribitt Book / pictures
 - Make connection with child
 - Keep child occupied during assessment

Results as of 8-23-12

- Children tested – **105** (list **63**, siblings **38**, others **4**)
- **63** - List
 - **14 POSITIVE** - LEAD CARE II – 3.4, 5.1, 3.4, 3.6, 3.6, 3.6, 5.3, 3.3, 4.5, 5.4, 10.9, 4.2, 4.7, 3.6
 - **13 POSITIVE** - FILTER PAPER – 2.3, 1.0, 5.2, 3.7, 3.1, 1.0, 1.4, 1.8, 1.3, 1.6, 1.3, 1.6, 2.5, 1.9.
- **38** - Siblings
 - **6 POSITIVE** - LEAD CARE II – 3.8, 4.0, 4.7, 4.6, 4.2, 3.9
 - **3 POSITIVE** - FILTER PAPER – 1.3, 1.8, 3.6
- **4** – Other
 - **0 POSITIVE** - LEAD CARE II
 - **0 POSITIVE** - FILTER PAPER
- **14** – awaiting Filter Paper results
- **GIS – LAYER of results map**
- **CPMP – several families enrolled for soil testing, etc.**

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Lead Testing – the future

- Proposed Plan to include lead – end 2012
- Modification to the Record of Decision-2013
 - Soil, yard testing for As, Pb in 2013/14
- Negotiations with Atlantic Richfield
 - Lead abatement program
 - Baseline BLL & urinary As levels (summer 2013 ?)
 - Dovetail HHLPPP results with future program
 - Soil sampling
- CPMP sampling
 - ongoing