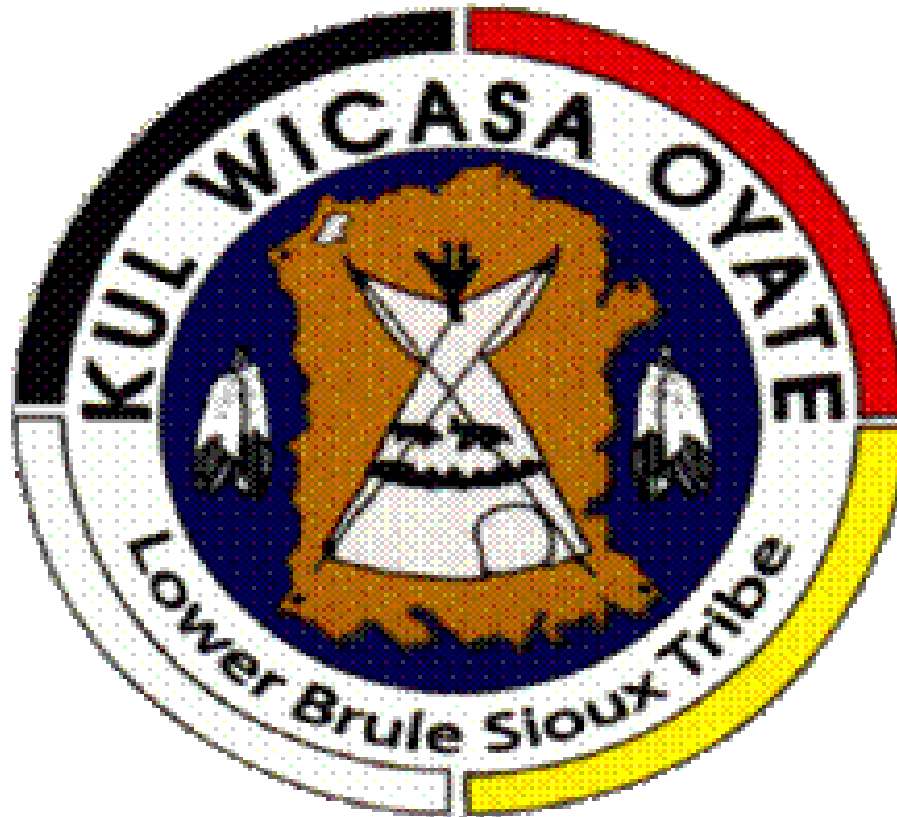


Lower Brule Sioux Tribe Brownfields Program



Lbst-epo.org

605-473-0163

Its Spring (I think)



Overview

- Lead poisoning occurs when you absorb too much lead by breathing or swallowing a substance with lead in it, such as paint, dust, water or food. Lead can damage almost every organ system.
- Although it is normal to have lead in your body, a small amount is present in most people.

Highest risks

- Live in or regularly visits homes or buildings built before 1978. The risk is even higher in buildings built before 1950.
- Are 6 years old or younger. Young children are at higher risk because:
 - They often put their hands/objects in their mouths.
 - They sometimes swallow nonfood items.
 - Their bodies absorb lead at a higher rate
 - Their brains are developing quickly.

Lead Exposure

- Long-term, low-level lead exposure may be linked with more than 256,000 premature deaths from heart disease in middle-aged and older Americans each year. Lead exposure has been associated with hardened arteries, high blood pressure, and coronary heart disease. Historical exposure occurs from leads present in the environment because of past use in fuel, paint and plumbing.

Facts

- Lead is practically everywhere in today's environment! It enters our bodies from many sources including defective glazes (pottery), drinking water, contaminated soil, airborne particulate, leaded gasoline, paint and several other sources.
- Lead is very poisonous to human beings. Even in tiny amounts of it in our blood can harm our health.

Limited Phase I/Transaction Screen Old Shooting Range



Facilities

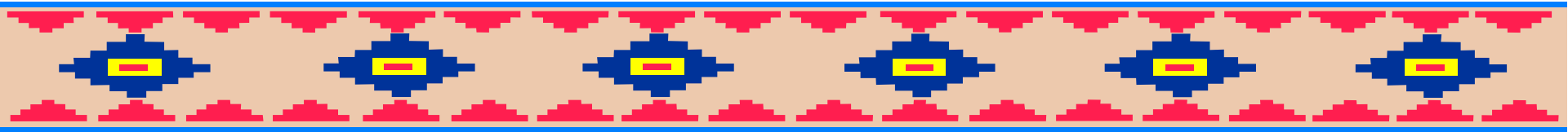


Up close



Lead Contamination in soil!

- According to estimates by the Environmental Working Group, outdoor firing ranges put more lead into the Environment than any other industry in the United States.
- Lead has been the material of choice because of its low cost, easy availability, versatility and excellent performance. Bullets from rifles are more likely to break apart, exposing more lead to the soil and providing a larger surface area.
- Once the lead bullets and debris settle on the soil, a number of factors will determine the extent of the actual hazard it might pose.



Lead

- When shooters fire guns with lead-based ammunition, they spread lead vapor and dust, insidious toxins.
- Lead bullets, bullet particles, or dissolved lead can be moved by storm water runoff.
- Dissolved lead can migrate through soils to groundwater.

Environmental Health

Our cultural believes everything is connected. Example our health is connected to the health of the environment through the food we eat, the water we drink and the air we breathe. We need to create conditions in our Environment that are good for our health and the environment! We only have one earth!



- LBST TRP Brownfields Inventory List 2017
- 2004-10 BIA Administration Building
- 2012-02 Old Housing Office
- 2011-01 Old BIA Jail
- Old Diabetic Building(Boxing Club) 1-26-13 Burned Down
- 2012-01 Old Transfer Station
- 2004-04 Old West Brule Dump
- Lagoon Rubble Site/ across form Red Store
- Sioux Boys-(Gas Tanks)
- 2004-03 Kids Pond
- 2000-01 Rodeo Dump
- Old Shooting Range
- Old Boys & Girls Club
- Old Yellow School Buildings
-
- Rural Area
- 2004-02 Durkin Dump
- Durkin Curve House
- Thompson Site/Fort Hale Bottom
-



ATTENTION

The following is a list of what may be deposited at the
Material Recovery Facility (MRF)

WOOD: Trees, Tree Limbs, Yard Waste, etc.

METALS: Iron, Steel, Rims, Bikes, Bed Frames, etc.

WHITE GOODS: STOVES - REFRIGERATORS-
WATER HEATERS- FURNACES etc.

OR leave all the big stuff by the curb of your home and the Solid Waste workers will pick it up!
Please don't leave it by the dumpsters or in the dumpsters.

Please throw your garbage in the dumpsters evenly.

THANK YOU FOR YOU COOPERATION!!!!!!

The Solid Waste Crew.

The Solid Waste Crew works really hard to keep the Reservation clean!



The mission of EPA is to protect human health and to safeguard the natural environment --air, water and land-- upon which life depends.

Since 1970, EPA has been working for a cleaner, healthier environment for the American people.



Brownfields Program Tribal Vision

Contaminated or potentially contaminated sites located in Indian Country are restored to the highest and best use, based upon tribal priorities and available resources. The focus on brownfields revitalization helps instill the concept of environmental protection and reuse and leads to increased benefits in Indian Country.



Thank You Everyone
for supporting the
Lower Brule Environmental Office.