Potential Region 8 Lead Focus Areas
For the
CERCLA Remedial Program

Summary Statistics:

- Given the history of mining and smelter activities throughout Region 8, lead contamination is prevalent throughout the states in our Region.
- EPA Region 8's Superfund program has 76 NPL sites that are proposed, final or Superfund Alternative Approaches
    - 31 of those sites have lead as a primary contaminant of concern
        - There are 10 of these NPL sites in each of the following states: Montana, Utah and Colorado; and 1 site in South Dakota
        - Nine of these sites had a 5-year review conducted in FY17 and three of these sites will have a 5-year review completed in FY18.
- EPA is actively working to reduce lead contamination at Superfund sites throughout the Region 8 states and tribes, and also provides assistance to communities for identifying lead contaminated properties and opportunities for redevelopment via our Brownfields program.

Recommended Lead Focus for Superfund

- Focus on 13 sites with Human Exposure not under Control (HENC) or that have insufficient data to determine human exposure status (HEID)
    - This is already a priority under the Superfund Taskforce

        - Region 8 has 8 of lead sites that are human exposure not under control
            - Central City/Clear Creek (CO)
            - Colorado Smelter (CO)
            - ACM Smelter and Refinery (MT)
            - ***Anaconda Smelter (MT)***
            - Barker Hughesville (MT)
            - Carpenter Snow Creek (MT)
            - Upper Ten Mile (MT)
            - Jacobs Smelter (UT)

        - Region 8 has 5 lead sites that have insufficient data to determine the human exposure status
            - ***Bonita Peak Mining District (CO)***
            - VB/I-70 (CO)
            - Flat Creek (MT)
            - ***Silver Bow Creek/Butte (MT)***
            - Richardson Flat Tailings (UT)

    - The 3 sites that are on the Administrator's Special Emphasis List for Superfund also appear on one of the lists above (in bold italics).

Other EPA Assistance for Potential Lead Contaminated Property

Targeted Brownfields Assessments

- EPA provides environmental assessment services free of charge to communities through the Targeted Brownfields Assessment (TBA) program. TBA applications are accepted anytime throughout the year.
- Targeted Brownfields Assessments can help communities across Region 8 reduce the uncertainties of environmental contamination and identify cleanup options.
- TBAs are not grants, but rather assessments conducted by environmental consultants under contract funded by EPA Region 8 at no cost to the community. Funds for actual cleanup or demolition work are not available under this program.

Removal Actions

- The Region 8 removal program can deploy On-Scene Coordinators to assist with removing contaminated soil and replacing it with clean fill and topsoil where extremely high lead contamination is found to be endangering human health.

ST	Site Name	NPL Status	HEUC
CO	Bonita Peak Mining District	Final NPL	HEID
CO	California Gulch	Final NPL	HEUC
CO	Captain Jack Mill	Final NPL	HEUC
CO	Central City, Clear Creek	Final NPL	HENC
CO	Colorado Smelter	Final NPL	HENC
CO	Eagle Mine	Final NPL	HEUC
CO	Nelson Tunnel/Commodore Waste Roc	Final NPL	HEUC
CO	Smeltertown Site	Proposed for NPL	HHPA
CO	Smuggler Mountain	Deleted from Final NPL	HHPA
CO	Vasquez Boulevard and I-70	Final NPL	HEID
MT	ACM Smelter and Refinery	Final NPL	HENC
MT	Anaconda Co. Smelter	Final NPL	HENC
MT	Barker Hughesville Mining District	Final NPL	HENC
MT	Basin Mining Area	Final NPL	HEUC
MT	Carpenter Snow Creek Mining District	Final NPL	HENC
MT	East Helena Site	Final NPL	HEUC
MT	Flat Creek IMM	Final NPL	HEID
MT	Milltown Reservoir Sediments	Final NPL	HEUC
MT	Silver Bow Creek/Butte Area	Final NPL	HEID
MT	Upper Tenmile Creek Mining Area	Final NPL	HENC
SD	Gilt Edge Mine	Final NPL	HEUC
UT	Davenport and Flagstaff Smelters	Final NPL	HHPA
UT	Eureka Mills	Final NPL	HHPA
UT	International Smelting and Refining	Deleted from Final NPL	HHPA
UT	Jacobs Smelter	Final NPL	HENC
UT	Kennecott (North Zone)	Proposed for NPL	HEUC
UT	Kennecott (South Zone) - SAA	Removed from Proposed NPL	HEUC
UT	Midvale Slag	Deleted from Final NPL	HHPA
UT	Murray Smelter	Proposed for NPL	HHPA
UT	Richardson Flat Tailings	Proposed for NPL	HEID
UT	Sharon Steel Corp. (Midvale Tailings)	Deleted from Final NPL	HHPA

Of the 76 Superfund sites that are proposed, final, deleted or Superfund Alternative Approach (SAA), 31 have lead as a primary Contaminant of Concern (COC).

8 of the 31 sites are HENC 5 of the 31 sites are HEID

EI Codes - Human Exposure

HEUC - Human Exposure Under Control

HEID - Insufficient Data to Determine Human Exposure Control Status

HENC - Current Human Exposure Not Controlled

HEPR - Current Human Exposure Controlled and Protective Remedy in Place