



OPEN HOUSE:
Newton County Mine Tailings
Superfund Site


***Elizabeth Kramer, EPA Community Involvement
Coordinator***

U.S. Environmental Protection Agency, Region 7
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Introductions

- Liz Hagenmaier, EPA Remedial Project Manager
- Kim Burr, EPA Remedial Project Manager
- Todd Campbell, EPA On-Scene Coordinator
- Elizabeth Kramer, EPA Community Involvement Coordinator
- Cory Kokko, ATSDR
- Kyle Anderson, Missouri Department of Natural Resources
- Nicole Niehues, Missouri Department of Health and Senior Services
- Michelle Hartman, Missouri Department of Health and Senior Services
- Lorena Locke, Missouri Department of Health and Senior Services
- Other local, state and federal representatives

Topics of Discussion

- What is Superfund?
 - Site Background
 - Past Activities
 - Future Activities
 - Ways to Get Involved
- 
- The bottom of the slide features a decorative graphic consisting of several overlapping geometric shapes. On the left, there are two shades of green (light and dark) forming a triangular shape. To the right of this, a large blue shape extends across the bottom, with a lighter blue section on the far right. The shapes are separated by thin white lines, creating a modern, abstract design.

What Is Superfund?

Law passed in 1980 by Congress – Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

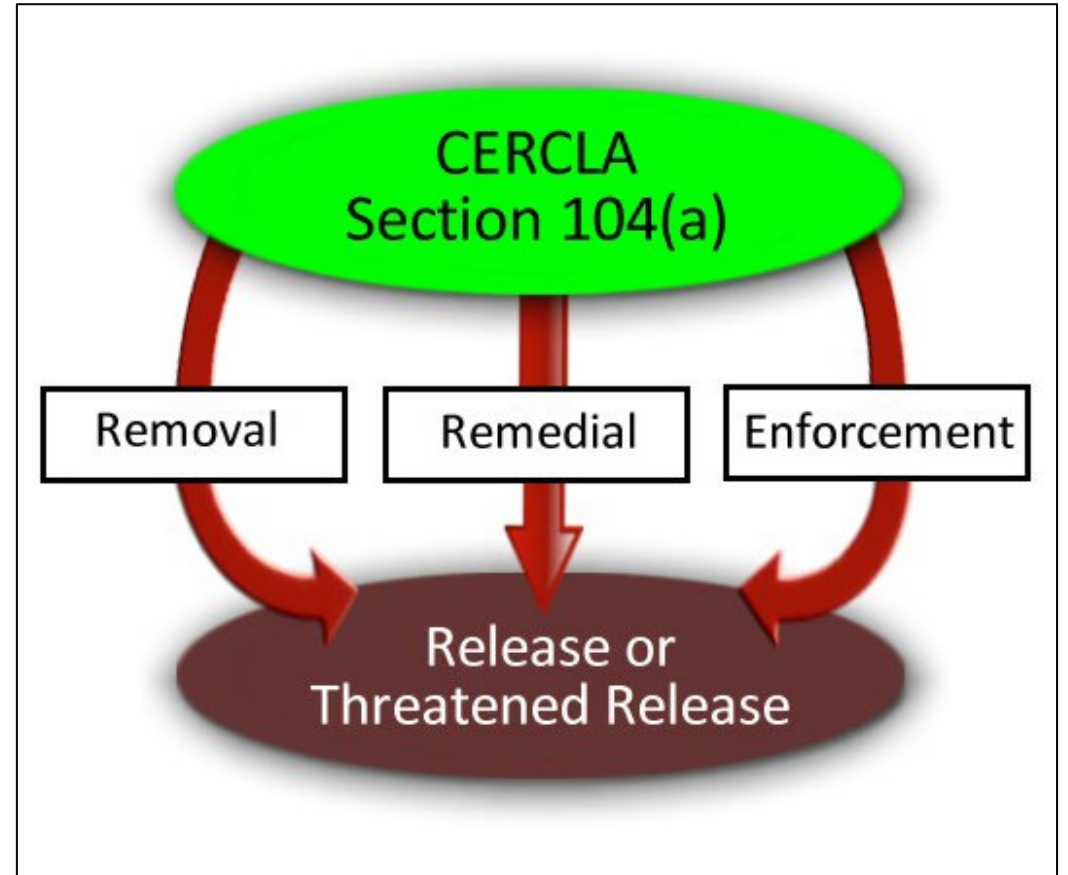
- Provisions under CERCLA:
 - Gave the federal government the authority to clean up abandoned or uncontrolled hazardous waste sites
 - Established the Hazardous Substance Trust Fund, commonly called Superfund, to pay for cleanups
 - Established the National Priorities List (NPL)

National Priorities List (NPL)

Definition: List of national priorities among the **known releases or threatened releases** of hazardous substances, pollutants, or contaminants throughout the United States.

Response Actions

- CERCLA defines three kinds of response actions:
 - Removal
 - Remedial
 - Enforcement



Tri-State Mining District Map

This map illustrates the Tri-State Mining District, which spans across Cherokee, Jasper, and Newton counties in Oklahoma. The map includes an inset showing the location of this district within the larger context of the tri-state area (Oklahoma, Kansas, and Missouri). The main map details various mining districts, including the Treece Mine Tailings, Tar Creek, Baxter Springs, Spring City - Spurgeon, and others. It also shows major water bodies like the Neosho River and several creeks, as well as towns such as Lawton, Joplin, and Granby. The map is color-coded to distinguish between different mining districts and state boundaries. A legend in the bottom right corner provides a key for the symbols used, including Mining Sub-district Boundaries, State Boundaries, County Boundaries, Spring River Watershed, Tar/Elim Creek Watershed, Water Bodies, Selected Streams, State Roads, Interstate, and Railroads. A scale bar indicates distances up to 5 miles.

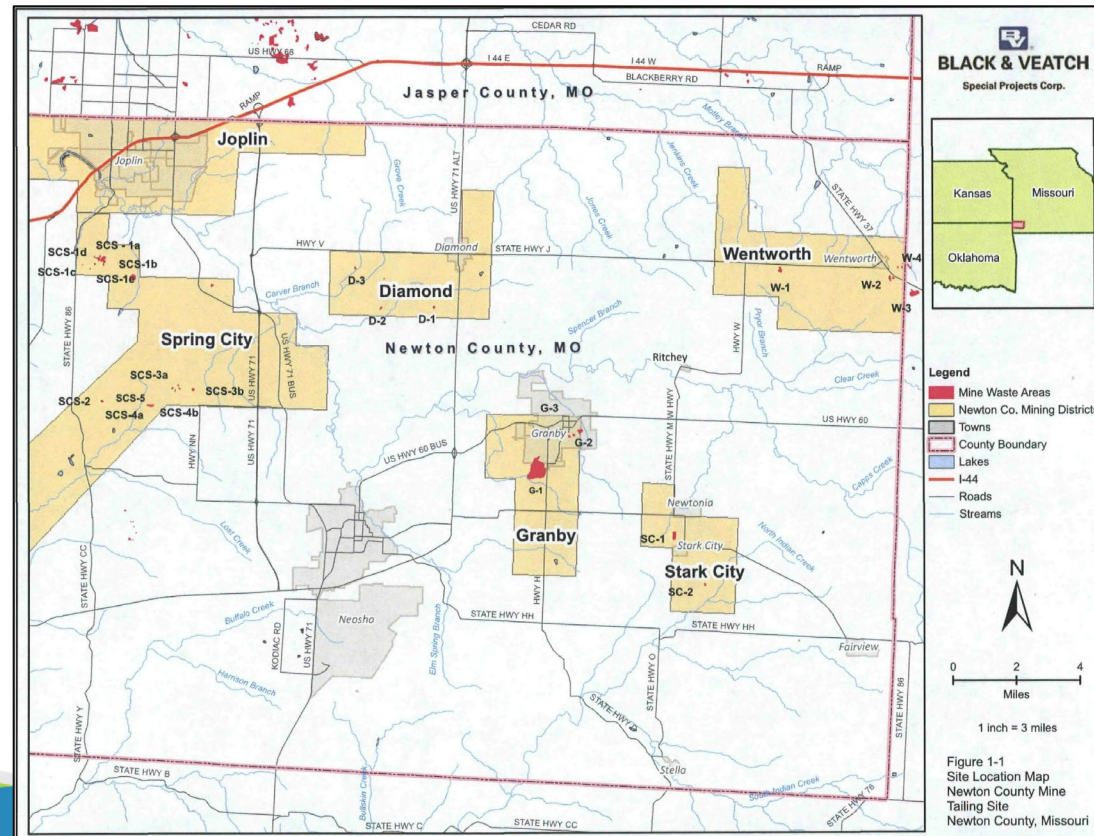
Tri-State Mining District

- Mining from 1850s to mine closing in 1970
- Lead and zinc mining in the District resulted in over million of tons of waste left at the surface
- Four NPL sites in the Tri-State Mining District

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Site Background

- The Newton County Mine Tailings Superfund Site was listed on the NPL in 2003.
- The site was separated into five subdistricts that generally include the 14 mining camps:
 - Granby
 - Spring City/Spurgeon
 - Wentworth
 - Diamond
 - Stark City



Past Remedial and Removal Actions

Work Completed Under Removal Authority: 1999-2012

- 400 residential properties remediated
- 1,600 households supplied with alternate water
- 85 private wells installed

Work Completed Under Remedial Authority: 2015-2017

- 100 acres of mine waste remediated
- 700,000 cubic yards of mine waste remediated

Future Remedial and Removal Actions

Work Left to Be Completed

- Approximately 600 acres of mine waste remaining throughout the county
 - Next phase of work starts in Granby
 - Continue road repair and revegetation
- Newly identified residential yards and private drinking water wells to be addressed



Ways the Public Can Get Involved

- Contact your CIC and Project Managers
- Join EPA's contact list and fill out the event evaluation
- Participate in public meetings, comment periods, and provide input
- Participate in community interviews for the Community Involvement Plan
- Learn more about technical assistance opportunities
- Review site informational materials and information repository at:
www.epa.gov/superfund/newtoncountymine



For more information about community involvement, visit:
www.epa.gov/superfund/superfund-community-involvement



- Talk with your child's doctor or local health department about a simple blood test
- Talk with EPA about testing of your yard and private drinking water wells



For more information, visit: www.epa.gov/mo/missouri-cleanups

Prevent Childhood Lead Poisoning

Exposure to lead can seriously harm a child's health



Damage to
the brain and
nervous system



Slowed growth
and
development



Learning and
behavior
problems



Hearing
and speech
problems

Lead Poisoning is 100% Preventable

- Talk with your child's doctor or local health department about a simple blood lead test.
- Talk with the Environmental Protection Agency (EPA) about testing your yard or private well.

Online Resources:

CDC - www.cdc.gov/nceh/lead
EPA - www.epa.gov/lead

Contact Information:

Agency for Toxic Substances and Disease Registry

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EPA, Newton County Mine Tailings Superfund Site

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National Center
for Environmental Health
Agency for Toxic Substances
and Disease Registry

Open House Session

Open Discussion/Question & Answer:

Visit directly with EPA and other federal and state government agency representatives near display tables, maps, and posters.



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