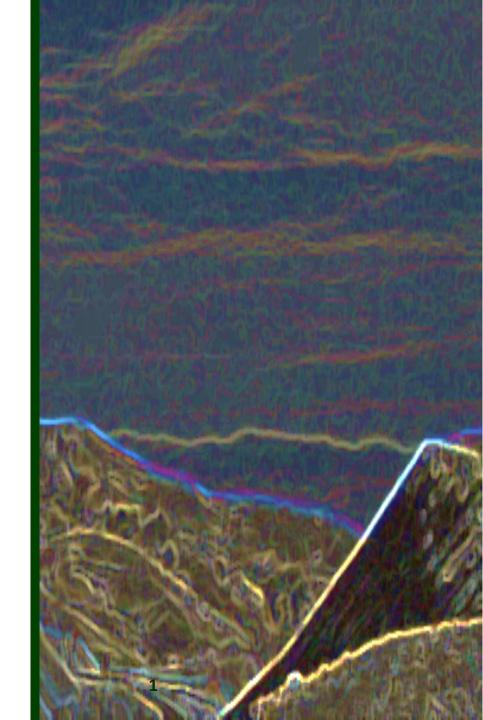
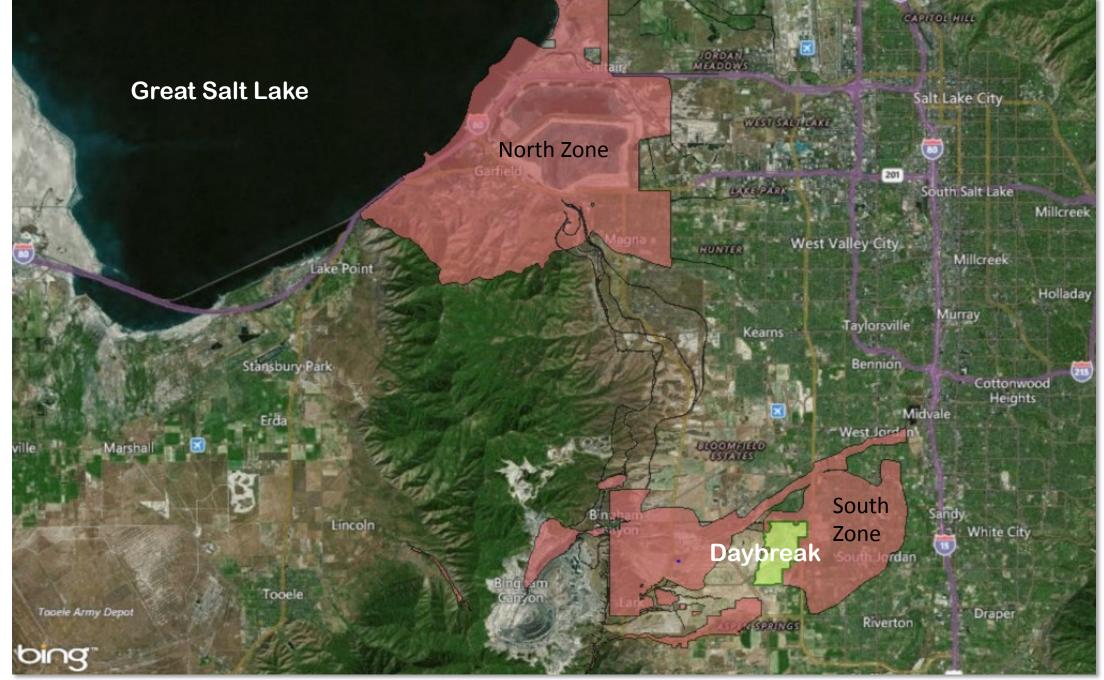
Re-imagining Mining Sites: Kennecott North and South Zones

Kerri Fiedler
Remedial Project Manager
EPA Region 8





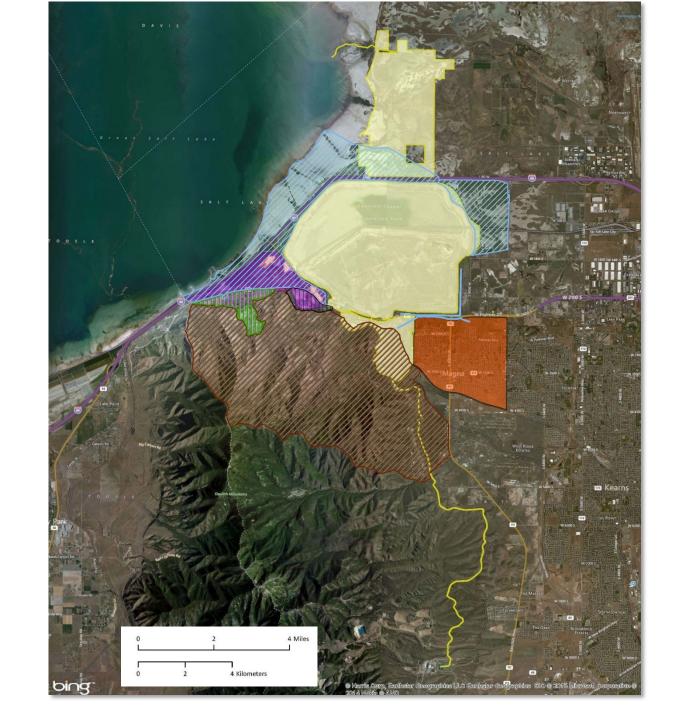
Kennecott Utah Copper: NPL areas of interest and surrounding areas.

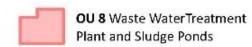
Kennecott North Zone Background

- Smelter processed metal-bearing ores.
- Activities related to mining contaminated soils, sludge, surface water and groundwater.
- The Kennecott North Zone was proposed for NPL listing in 1994.
- Cleanup as well as active mining operations are ongoing.



Kennecott North Zone (Source: EPA)









OU 13 Smelter and Acid Plants



OU 14 Refinery



OU 15 Mills and Tailings Pond



OU 19 Smelter Fallout



OU 22 Great Salt Lake Wetlands



OU 23 North End Groundwater

Kennecott South Zone Background

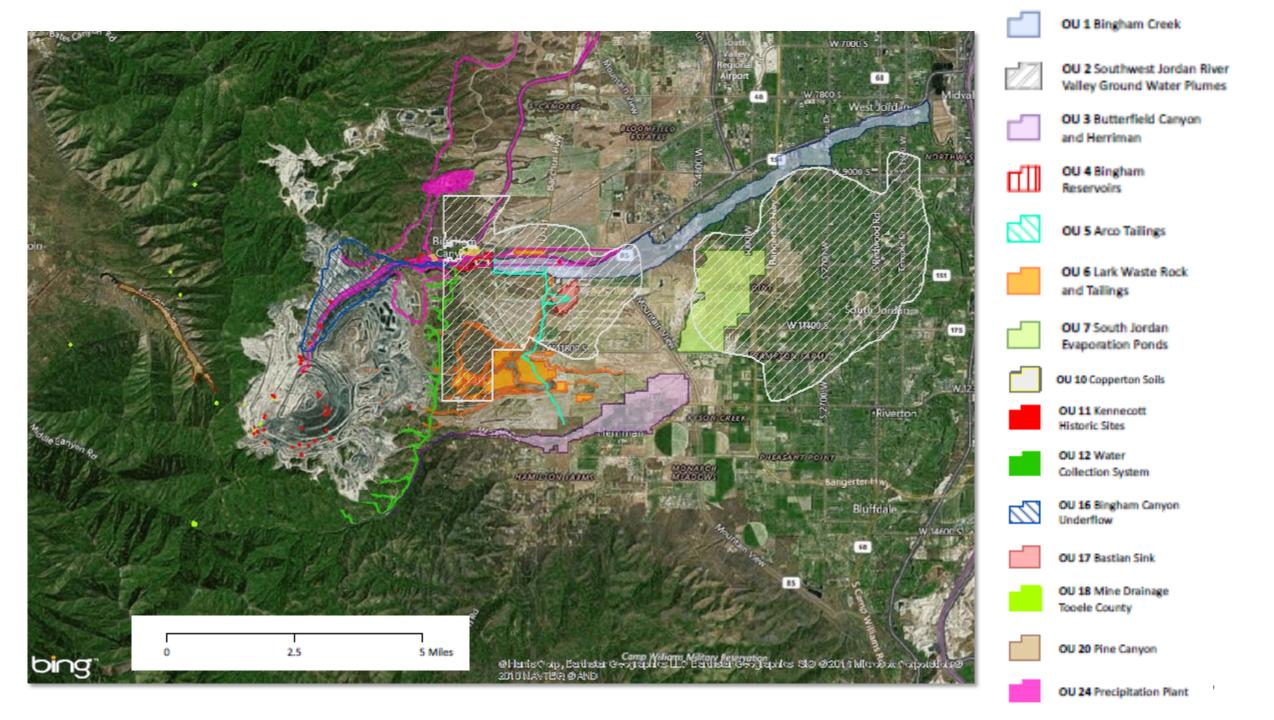
 Mining activities began in the 1860s.

 Operations produced copper, molybdenum, gold and silver ores.

 Rio Tinto Kennecott Copper currently operates the mine.



Bingham Canyon Mine (Source: Rio Tinto)



Kennecott South Zone Background (cont.)

 Mining operations led to widespread contamination of soil and groundwater.

• In 1994, EPA proposed the site for inclusion on the NPL.



Bingham Canyon, Kennecott South Zone (Source: EPA)

Kennecott Paves the Way

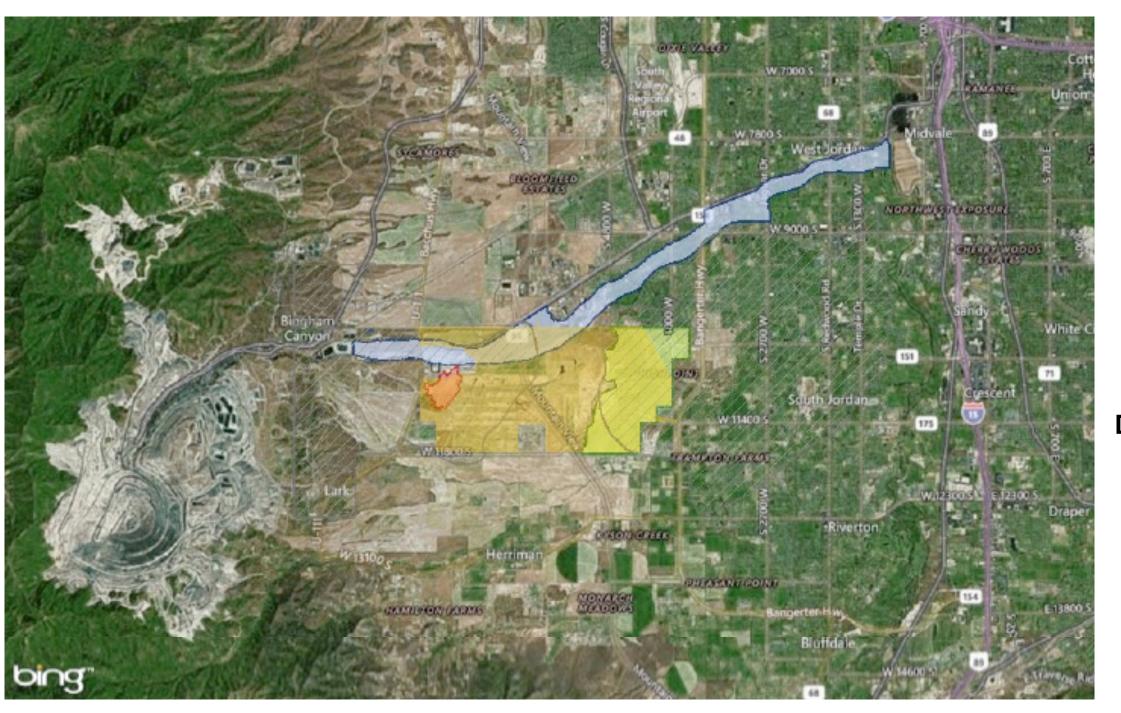
• EPA, UDEQ, and Kennecott initiated a process to address implementation of remedial efforts for quicker cleanup.

 Memorandum of Understanding (MOU) – 1995

 Leads to the Superfund Alternative Approach



Kennecott reclaimed land. (Source: EPA)



OU 2

 \Box

OU 17



OU 1



OU 7



Daybreak

For More Information, Contact

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