



# Environmental Cleanup and Closure of the Three Kids Mine, Henderson, Nevada

---



## Background

The Three Kids Mine, located just five miles from downtown Henderson, is a former open pit mine and mill site spanning over 1,000 acres that produced manganese for the U.S. government between 1917 and 1961.

As part of the agreement with the Nevada Division of Environmental Protection (NDEP), the developer will clean up the site in order to develop a master-planned housing community. As a result, a long-standing community health and safety issue will finally be addressed. Cleanup costs will be reimbursed by future property taxes generated by the homes to be developed. The result will be a far safer and more appealing space that benefits the greater Henderson community.



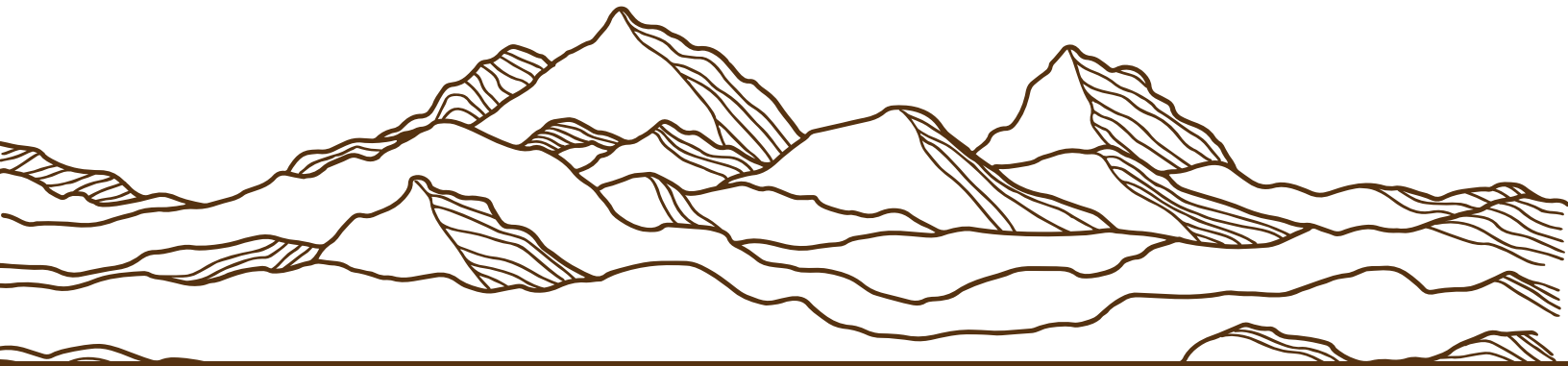
Mill site in 1943



## History

Discovered in 1917, the Three Kids Mine included an open-pit manganese mine and ore processing facility. In 1942, the Manganese Ore Company, under contract with the United States Defense Plant Corporation, constructed a mill at the site and produced manganese as part of the World War II effort. Operations at the mine reached their peak at this time. After the war, the U.S. government contracted with Manganese, Inc. to process federally-owned ore at the site.

The mine was abandoned after operations ceased in 1961, though manganese continued to be stored at the site until 2003.



## Assessment Work Completed

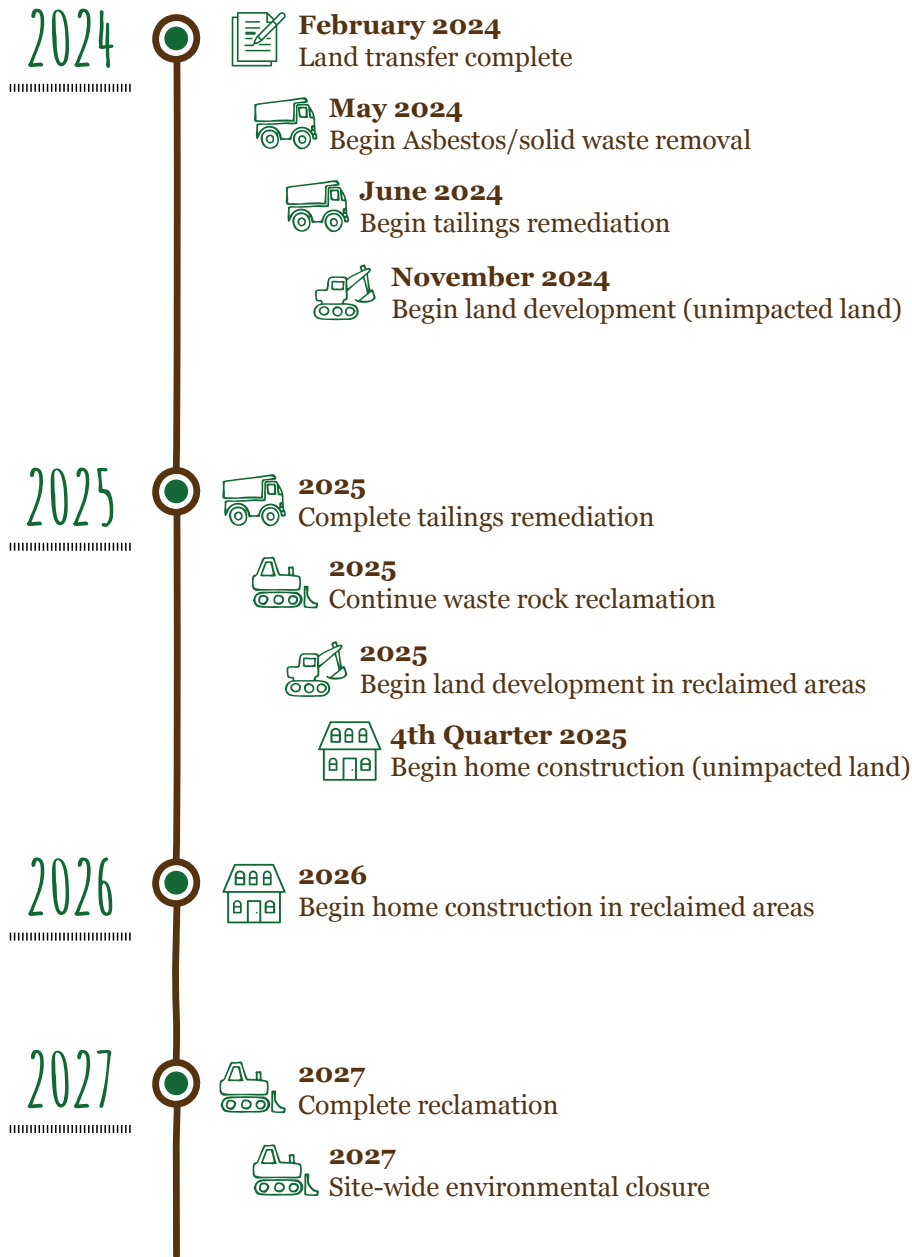
NDEP is the lead environmental agency overseeing cleanup of the mine site. About 500 acres of the site have been identified as needing corrective action. Contaminants found at the site include asbestos, lead, arsenic, manganese, and petroleum hydrocarbons.

Environmental work that has occurred to date at the site includes soil testing, geotechnical investigations, leaching analyses, asbestos surveys, approval of a remedial investigation report, evaluation of cleanup alternatives, approval of a corrective action plan, issuance of a proposed plan, issuance of a record of decision identifying the selected cleanup alternative, and approval of a remedial design report containing more details about the cleanup plan. Site assessment reports are available on the NDEP website at <https://bit.ly/3PVadvE>.

Site investigation



# Three Kids Mine Closure Execution Timeline

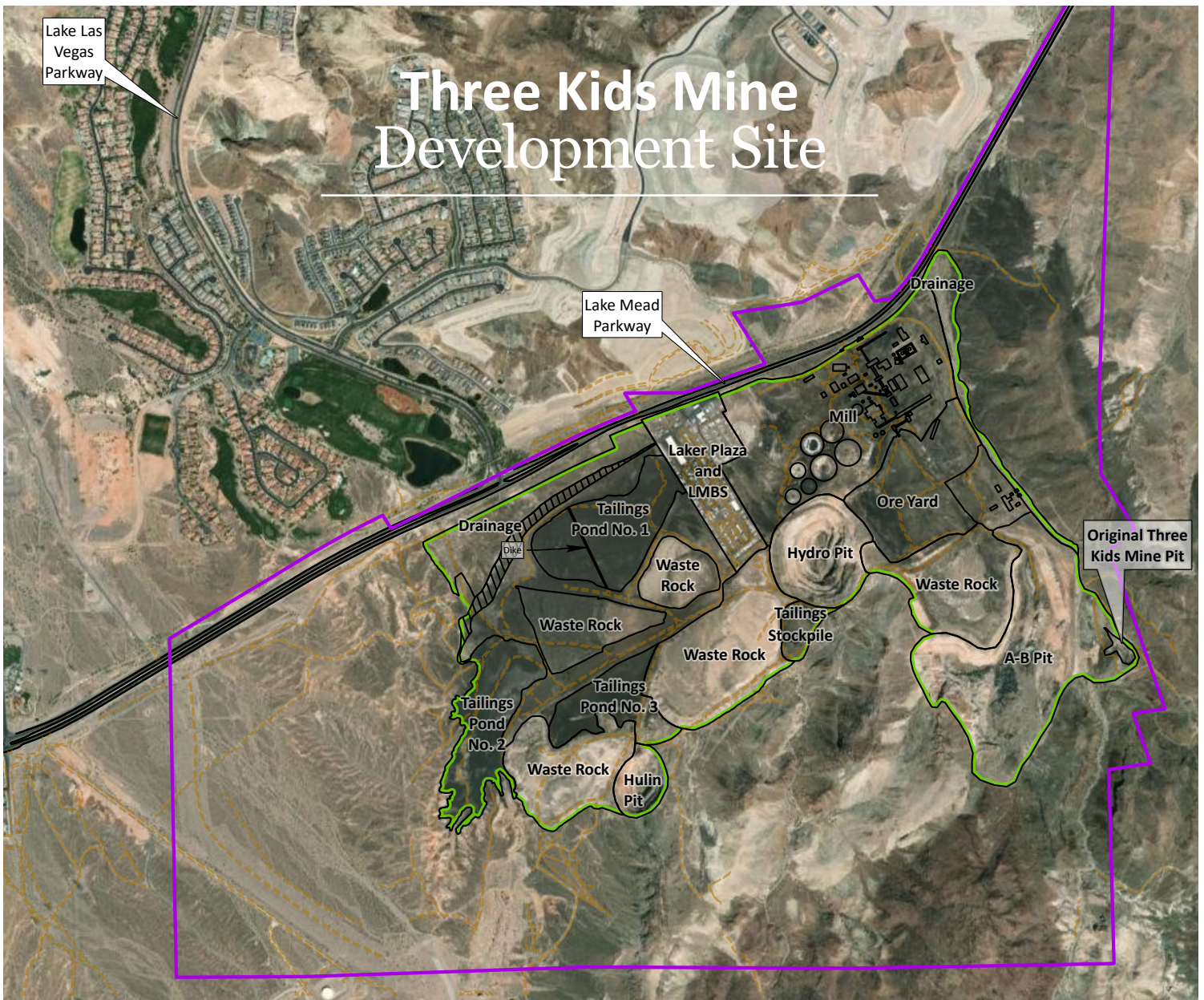



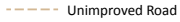

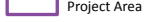
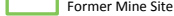
## LEGEND

-  Land ownership transfer
-  Remediation
-  Land Development
-  Reclamation
-  Home Construction

## Air Monitoring

Throughout the duration of the project, dust will be controlled using multiple water application methods and air quality will be monitored in accordance with Clark County Air Quality Regulations. Air sampling devices will be located around the perimeter of the project area, including upwind and downwind of cleanup activities. Due to the dust control measures that will be implemented during cleanup and development of the site, any dust that is generated by site activities is expected to be less than the uncontrolled dust that is currently generated by wind and trespassers. The Perimeter Air Monitoring Plan, approved by NDEP in April 2024, includes additional details regarding air monitoring procedures and is available on the NDEP website at <https://bit.ly/3PVadvE>.



- Legend:
-  Site Feature
  -  Unimproved Road
  -  Tailings Dam
  -  Project Area
  -  Former Mine Site

## Additional Information and Community Involvement

**The NDEP oversees all aspects of the environmental work at the Site.**



**Learn more about the site**

<https://bit.ly/3PVadvE>



**FAQ's**

<https://tinyurl.com/3vxxhk4p>

Additional information from the NDEP can be obtained by contacting Alan Pineda at 702-668-3925 or [alan.pineda@ndep.nv.gov](mailto:alan.pineda@ndep.nv.gov). We welcome community input for this project and recognize the need to respond to community concerns. Reports related to the environmental work at the Site can be obtained from NDEP's office in Las Vegas or Carson City.