

Idarado Mining Company
2023/2024 Annual Report

Permit Number: M-1977-403-HR

Anniversary Date: July 1, 2024

Idarado Mining Company (IMC) is performing maintenance and monitoring of remedial elements completed pursuant to the Consent Decree (D. Colorado Civil Action No. 83-C-2385) between the State of Colorado Department of Public Health and Environment (CDPHE), the State of Colorado Office of Attorney General, and IMC.

All reclamation and remediation activities prescribed by the Remedial Action Plan (RAP) have been completed. Monitoring and maintenance of these reclamation and remedial activities are being performed and will continue to be conducted until the RAP performance criteria are achieved or modified.

Site activities conducted during the anniversary year related to the RAP and/or DRMS Reclamation Permit included:

1. Conducting operation and maintenance of the RAP remedial elements where inspection or monitoring activities determined that repairs or maintenance were required. All monitoring and maintenance activities were completed according to the specifications and requirements of the RAP. Operation, maintenance and monitoring activities consist of:
 - Inspecting, cleaning and repairing, as necessary, runoff diversion and conveyance channel systems at the tailing piles;
 - Performing diversion channel inspections and maintenance, as necessary;
 - Performing stormwater inspections and submitting the annual stormwater report;
 - Conducting visual inspections of the tailing piles;
 - Conducting and monitoring rodent control on the tailing piles;
 - Placing and seeding soil cover over bare ground areas on the tailing piles;
 - Monitoring vegetation cover and density of the tailing piles;
 - Managing water from the Treasury Tunnel, Mill Level Tunnel, and Meldrum Tunnel underground mine workings throughout the reporting period in accordance with the RAP provisions; and,
 - Performing routine water quality monitoring and submitting reports to CDPHE according to the schedule and requirements prescribed in the RAP.
2. As provided by RAP Modification No. 31, the EPA previously placed miscellaneous tailings removed from the U.S. Forest Service Telluride Valley Floor Tailing Site on the top surface of Telluride Tailing Pile TT 5/6. During the anniversary year, grading and seeding of the material placed by EPA on TT 5/6 were completed.
3. IMC operated the Mill Level Tunnel Flow-Control Bulkhead to regulate the water flowrate delivered to the existing infiltration lagoons and infiltration ditch, as necessary during peak flows, by temporarily impounding water within the tunnel behind the bulkhead according to the RAP

requirements. During the anniversary year, installation of a new pipeline was completed to convey water from the bulkhead to the infiltration system.

4. The noxious weed control program continued with inspections and control measures conducted at the Telluride and Red Mountain permit areas according to the approved *Weed Management Plan for the Idarado Mine Site*.
5. IMC continues to explore avenues for the Pandora Mill and other structures.
6. IMC continues to engage with the CDPHE and evaluate other source control and passive water treatment technologies that have a reasonable potential to further reduce zinc concentrations from sources in Red Mountain Creek according to the provisions of the RAP.
7. Mining and milling operations associated with the Idarado Mine are not and were not operational during the permit year. No mining beneficiation was conducted during the permit year.