

Idarado Mining Company  
2020/2021 Annual Report

Permit Number: M-1977-403-HR  
Anniversary Date: July 1, 2021

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. IMC submitted Technical Revision 3 (TR-3) to DRMS on June 11, 2021 requesting the Reclamation Plan be modified to retain the existing air handling equipment in the existing Red Mountain maintenance shop as an intact visual historic artifact. The rest of the existing maintenance shop will be demolished and reclaimed as identified in TR-2. The loadout structure, cribbing, trestle, and a portion of the mill foundation at Red Mountain will also remain in place for historic viewing purposes as identified in TR-2.
2. 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 according to the schedule and requirements prescribed in the RAP.

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.
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 preservation of 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. IMC completed construction of the new Red Mountain maintenance shop to support RAP maintenance activities.
8. Mining and milling operations associated with the Idarado Mine are not and were not operational during the permit year. No mining beneficiation or waste rock/tailing disposal operations were conducted during the permit year.
9. No new surface land disturbances were conducted in the 2020/2021 anniversary year.