

Idarado Mining Company
2019/2020 Annual Report

Permit Number: M-1977-403-HR

Anniversary Date: July 1, 2020

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 during the spring and fall seasons;
 - Performing diversion channel inspections and maintenance, as necessary;
 - Performing stormwater inspections and submittal of the annual stormwater report;
 - Conducting visual inspections of the tailing piles,
 - Conducting and monitoring rodent control 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 periodic water quality monitoring according to the schedule and requirements prescribed in the RAP.
2. In coordination with CDPHE and DRMS, IMC completed installation of the Mill Level Tunnel Flow-Control Bulkhead. The Flow-Control Bulkhead will be operated, as necessary during peak flows, to regulate the water flowrate delivered to the existing infiltration lagoons and infiltration ditch by temporarily impounding water within the tunnel behind the bulkhead.
3. 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*.

4. IMC continues to explore avenues for preservation of the Pandora Mill and other structures.
5. 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.
6. IMC submitted Technical Revision No. TR-2 to DRMS on September 23, 2019 to update the reclamation plan, provide an updated map and clarify the status of permanent structures for the Red Mountain Permit Area. DRMS approved the Technical Revision on October 7, 2019.
7. IMC initiated construction of the new Red Mountain maintenance shop in 2018 that will be completed during the 2020 season to support RAP maintenance activities. The existing maintenance shop is scheduled to be demolished in 2020 in accordance with applicable laws and regulations.
8. The Red Mountain mill was demolished, with a portion of the foundation retained for historic viewing purposes. The remaining mill foundation was partially buried, graded to a gentle slope, and seeded.
9. The loadout structure, cribbing, and trestle at Red Mountain will remain in place for historic viewing purposes.
10. 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.
11. No new surface land disturbances were conducted in the 2019/2020 anniversary year.