Climax Molybdenum
A Freeport-McMoRan Company

Environmental Stewardship at Climax

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Climax Molybdenum is committed to managing and minimizing any adverse impacts of its operations on the surrounding environment, and to reclaiming, restoring and remediating affected land and waters as applicable.

Through our Environmental Policy, we commit to:

- Sound environmental management and practices;
- ISO 14001 certifications at our operating sites;
- Providing adequate resources to fulfill our responsibilities; and
- Continuously improving our environmental performance at every operational site.

The Eagle Park Reservoir, which formerly contained tailings and impacted process water, was reclaimed in the 1990s.

We support both scientific research to further understand the environments in which we operate and comprehensive monitoring to determine the effectiveness of our management practices. We work with governmental agencies, academic institutions, recognized national and international experts, the local population and nongovernmental organizations to enhance our environmental performance.

Regulatory Compliance

Climax Molybdenum is committed to ensuring we operate within all required environmental permits and authorizations and comply with all applicable regulations. Our environmental management systems at our Henderson site is internationally certified under ISO 14001 standards.

The company's environmental team is focused on compliance, permitting and risk management activities to support existing operations at the Henderson Mine and for resumption of future operations of the Climax Mine.

Climax collects and treats all of its industrial wastewater and is at the forefront of water treatment in the mining industry. At the Henderson Mine, a state-of-the-art water treatment plant was constructed in 1997 to treat water from Henderson's underground operation. In 2007, the Climax Mine commissioned a $23 million upgrade for its industrial water treatment system using the same technology. These plants treat impacted waters for eventual discharge as clean water into trout fisheries. Industrial wastewater generated at the Henderson Mill is managed within a non-discharging industrial water circuit where all water is collected, recycled and reused.

Reclamation

The company has completed many reclamation projects. Mine reclamation is the process of converting land used by the mining operation into economically productive post-mining land uses or back to their natural or semi-natural state. Reclamation activities include: re-contouring, stabilization, capping, soil placement, re-vegetation and maintenance. Mine reclamation is an integral part of modern mining planning and practice.

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With the closure of the URAD Mine in 1974, the first comprehensive mine reclamation project in Colorado was initiated and completed using Biosolids (received from local domestic wastewater facilities) as a soil amendment. This visionary high-altitude mine reclamation technique created the flourishing meadowland found at the URAD site today.

At our Climax Mine, we utilize biosolids for reclamation similar to the reclamation at URAD. After biosolids are composted with recycled wood waste and blended into the surface of a disturbed area, they act as a nutrient source for establishing vegetation. This represents a creative and successful reuse of a waste material for supporting Climax's ongoing reclamation efforts. Climax Molybdenum and its municipal partners received state and national award recognition for successful implementation of this program.

In addition, Eagle Park Reservoir was reclaimed from a former tailings pond to a fresh water reservoir for water users in the Eagle River Valley. This project earned Climax "The Colorado Division of Reclamation Mining and Safety's 1998 Hardrock Reclamation Award."

Restoration

Climax Molybdenum has successfully completed several multi-million dollar environmental restoration projects; a process whereby land that has been modified by mining is restored to a condition that mimics the habitat, vegetation, wildlife and ecology that existed prior to disturbance.

Key environmental restoration projects include reconstructing wetland areas critical to surrounding habitats and the Upper Arkansas Daylighting Project, which involved the restoration of about one-half mile of the Arkansas River channel that decades ago had been placed in a pipeline.

Historic mining impacts surrounding the Climax Mine have also been restored. Turn-of-the-century mining left waste rock stockpiles, mine opening headframes, and prospecting pits located in the Searle Gulch area north of Climax's industrial area. Mine waste was collected, removed and relocated to a storage area located within Climax's industrial footprint; the area has been re-vegetated and old-mine openings have been sealed to prevent accidents.

Recycling

Site-wide waste recycling programs are in place at Climax operations that have resulted in significant reductions in the volume of domestic trash and industrial waste materials that are disposed off-site. Climax's waste recycling programs now comprise recycling of scrap metal, used oil, scrap lumber, tires and other materials.

Awards/Recognition

In addition to recognition for its reclamation activities, Climax Molybdenum has received acknowledgment from the United States Forest Service and the Colorado Department of Public Health and Environment for its environmental stewardship and Pollution Prevention initiatives. Such awards include commendation for successful environmental efforts during Henderson's 1999 system upgrade project and for operational excellence in waste minimization.

Climax Molybdenum will continue to integrate future restoration and reclamation projects into our mining operations and prepare for long-term sustainability of our operations for many years to come.

Additional information about each of these programs can be found at our website fcx.com in the community and environment section or by calling Tara Hosick at 303-960-8048 or emailing Tara_Hosick@fmi.com.