

Hydromet - Leaching Operations

Significant Risk - Pipe Break, oversaturation, Natural disaster (earthquake, storm event)

Potential Consequence - Side slope failure (stockpiles) impacts the environment including flora, fauna, waters of the US and soil—Rocky Gulch, Lower Chase Creek, Rock House Canyon

Controls We Use

Documents we follow:

- Aquifer Protection Permit (APP)
- PMA—Pollution Management Area
- LCH-WIS-001 Feedline Charging SOP
- Leach-035 Installing 8' & 12" Yellow Mine
- BMP 201—Discharge of Dredge or Fill Material to Waters of US
- BMP 206—Seep Identification & Evaluation
- BMP 400—Spill Notification
- BMP 900—Management of Change Process

Engineering controls we use:

- Slope Design
- Piping location
- Water Balancers
- Stock Pile footprint as outlined in APP Permit
- Engineered Pipe Design

Monitoring, Inspections and Maintenance we conduct:

- Daily Area Inspections
- Weekly Stockpile Surveys in GIS
- Turn On Audits / Quality Audits—Water Balancers

Training we receive:

- Annual Enviro Training
- Permit requirements-APP, Title V (dust)
- New hire and/or site specific training
- Quarterly Training