

# Hydromet SX & Leaching Operations

**Significant Risk** - Equipment Failure (Pipeline fatigue or wear and tear, power outage)  
Human Error (operator closing the wrong valve, damage by equipment, improper PM)

**Potential Consequence** - Uncontrolled release of solutions to waters of the US (Chase Creek / San Francisco River, Eagle Creek) results in enforcement action (San Francisco River)

## 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

### 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
- New hire and/or site specific training
- Quarterly Training