



Bunker Hill Restart

Agenda

Morning brief [09:45-10:15]

- Safety Share
- Restart plan (high-level)
- Commitments & actions (AMD)
- Payments
- Clean-up & community

Afternoon site visit [12:40-14:10]

- Physical tour of infrastructure in Kellogg main yard
 - Kellogg Tunnel & EPA channel
 - Process Plant
 - Filter Plant site
 - Q&A

Safety Share



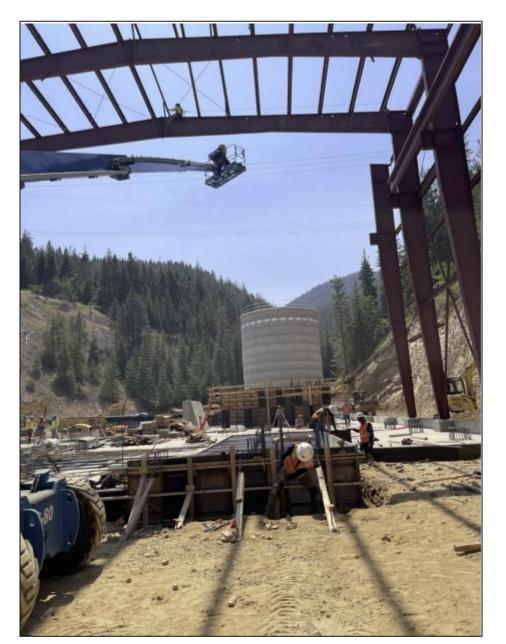


"Every Person Going Home Safe and Healthy Every Day"

Bunker Hill site activity

Workspace deconfliction



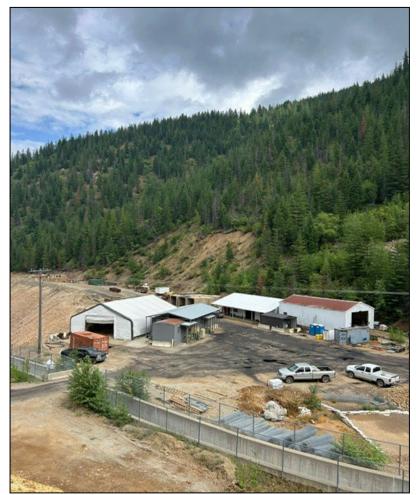




_						_				
		NEAR MISS REPORT								
1.	Incident Infor		07/00/00	4 Start Time of Incident:						
	Date of Incident:		07/23/2024			End Time of Incident:				
2.	Location/Project:		es er Incident:			End Time of Incident:				
_	Describe the Near Miss or Incident: A 1 ½ inch size both fell from approximately 45 feet near one our employees. The Performance Energenvices (PES) employee stated it fell within 5 feet of him onto the ground level. Suspected Cause: (Be as specific as possible.) A Mavrick Steel employee inadvertently dropped a bolt while performing work overhead on top of the steel structure.								ce Energy	
3.									op of the	
4.	Corrective Actions Taken: a) Temporary: An immediate shutdown took place with the near miss discussed with the entire crew. Performance employees were told not to work overhead, and Mavrick Steel was instructed not to									
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5.	a) Temporary An im Perfo work over an b) Permanent Perfo subcontracte Areas entry. Over	mediate ormance ny emplo t: rmance ors, and where ead wo Sub-Cor Contracto	e shutdown e employees oyees belo Energy en I PES emp overhead v ork / line of	s were told not to we w. nployees will stay aw loyees thereby physiwork is being conductive will be placed on	ork overhead, vay from overl ically avoiding oted will be co	and Mavrid head work a g the line of ordoned off and discusse	as condi- fire. or physi-	was in: ucted b	structed by contractionitored	ctors,
5.	a) Temporary An im Perfo work over an b) Permanent Perfo subcontracte Areas entry. Overt Client and/or Company Na	mediate ormance ormance ormance ors, and where oread wo Sub-Cor Contractor me:	e shutdown e employees belo Energy en I PES emp overhead v rk / line of ntractor Inju or	s were told not to wow. Inployees will stay aw loyees thereby physiwork is being conductive will be placed on un/Involvement:	vay from overtically avoiding oted will be conto the JSA and ained involving	and Mavrid head work a g the line of ordoned off and discusse	as condi- fire. or physi-	was in: ucted b	structed by contractionitored	ctors,





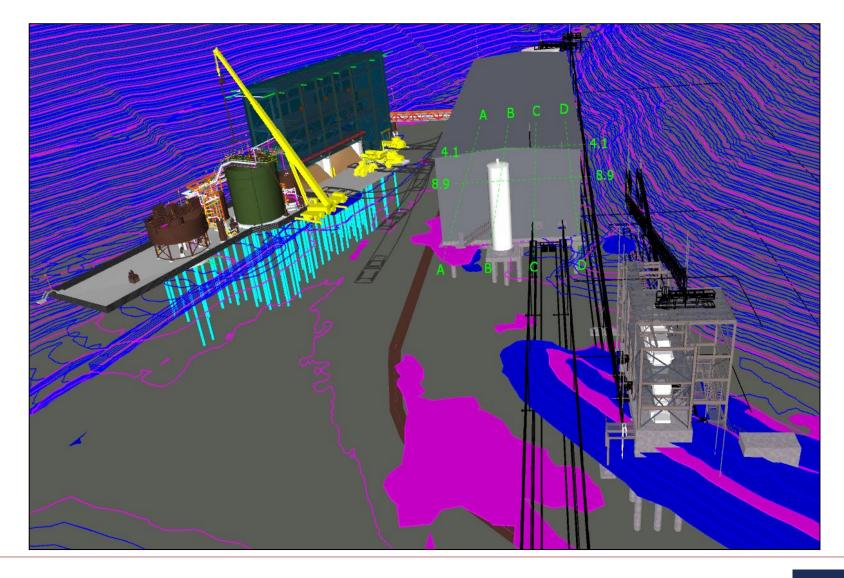


High-level summary of plan, process flow, timeline

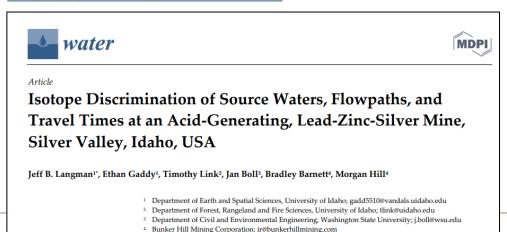


- No Smelter
- No Zinc plant
- Mining to be based at 'Wardner' site
 - Russell Portal upgrade, mainline power
- Ore to be transported to Kellogg
 - Via surface trucks
 - Using Haul Road (not through town)
- Ore to be processed at 'Kellogg' site
- Product is two concentrates
 - Zinc (*Critical Mineral*)
 - Silver/Lead
- Waste stream to go to Filter Plant
 - Recycle water
- Dried Tailings to be disposed of
 - UG paste backfill (initially & primarily)
 - Waste back up on haul road
 - Dry Stack facility
 - No tailings dams or surface ponds
- To be fully permitted
- Ramping up through Q1 2025

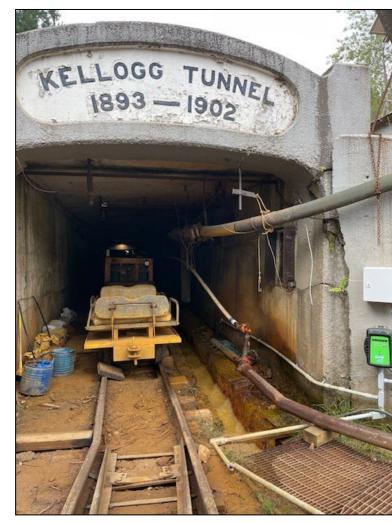




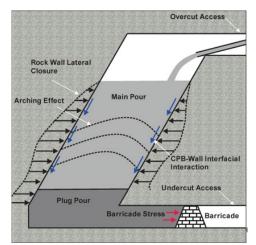
- AMD source control reduce quantity of water entering the mine
 - West Fork Milo Creek diversion
 - Phil Sheridan raise rehabilitation and/or equivalent impact projects
 - Plugging-in mine drill holes
 - Tailings UG
- AMD collection collect & convey AMD within the mine to Kellogg Tunnel
 - Greenhouse area
- AMD storage during plant down time
 - Store untreated AMD in mine pool or lined pond at the CTP
- AMD conveyance ensure only exit point for water is from the Kellogg Tunnel
 - Pipe and pump water out of the Kellogg Tunnel
 - Block/re-route flows from Reed/Russell portals
 - https://youtu.be/eta4kOYNWz8



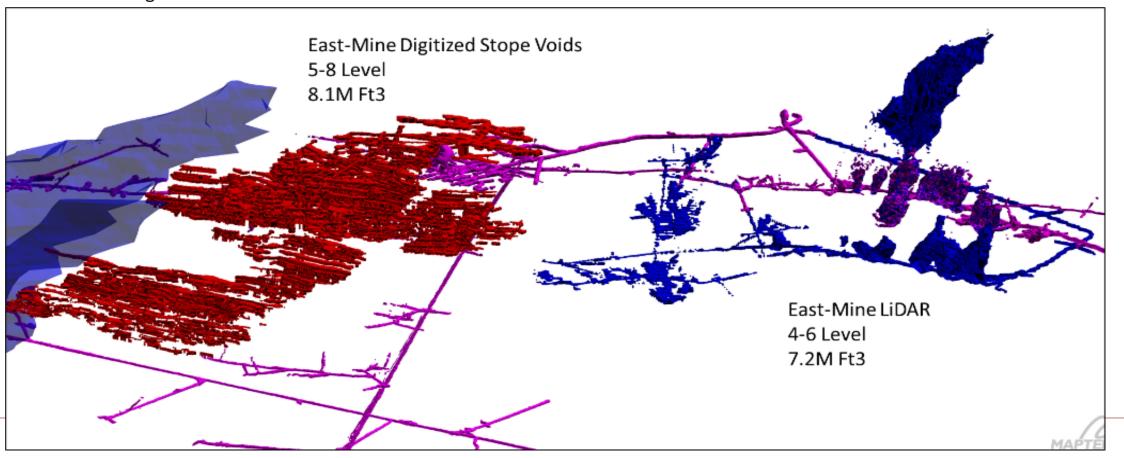




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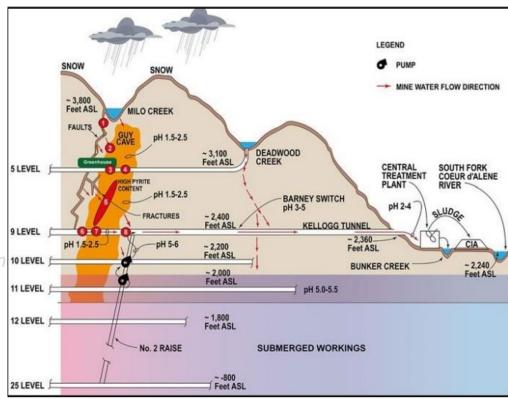
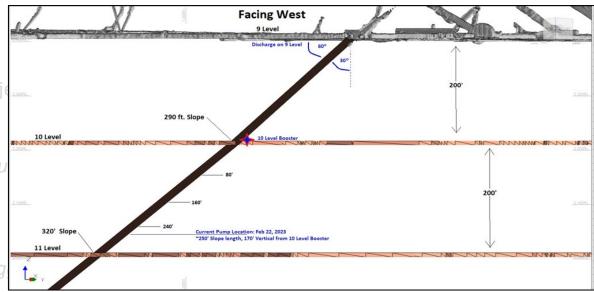


Figure 2. Simplified cross-section of Bunker Hill Mine and the likely pathways of infiltrating precipitation into the color-coded pyritic zone (from Germon et al. [8] courtesy of Bunker Hill Mining Corporation). Only select mine levels are presented. The Bunker Hill Mine consists of 29 levels.

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Our commitments & actions - AMD management

AMD conveyance

Figure 2: Before and after pictures of ground water improvements

BEFORE AFTER





Our commitments & actions - payments

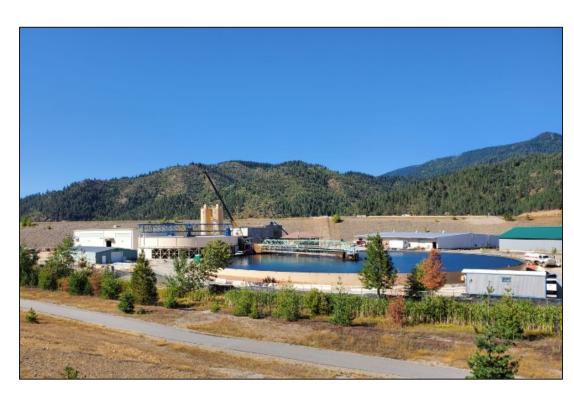
Past EPA/IDEQ water payments:

From 2020 on								
Vendor	Description of work	Actuals						
EPA	EPA Cost Recovery	4,555,161						
Idaho Department of Environmental Quality	Water Treatment Costs	4,360,210						
	Total	8,915,371						

Future scheduled EPA payments:

- Nov 2024 \$3m
- Nov 2025 \$3m
- Nov 2026 \$3m
- Nov 2027 \$3m
- Nov 2028 \$3m
- Nov 2029 \$2m
- Total \$17m





Our commitments & actions - clean-up & community







Our commitments & actions - clean-up & community









