Standard Mine Site

2017 Construction Progress and Future Monitoring Plans
Level 1:

- Completed Activities:
  - Bulkhead Grouting
  - Gate Valve and Flume Installation
- In Progress:
  - Instrumentation
  - Installation of Portal Structure
Level 3:
- Completed Activities:
  - Portal Structure Concrete Footers
  - Mine Raises:
    - Chemically seal concrete
    - Epoxy coating
- In Progress:
  - Backfill foam and grade for drainage
  - Install mine portal structure
2017 Construction Progress

- Completed Activities:
  - Repository Closure
  - Level 2 Well Installation
- In Progress:
  - Level 2 Dewatering
Interim Monitoring

- Goal: Monitor to evaluate the need for Phase II Remedial Action (Treatment of Mine Discharge)
2017/2018 Interim Monitoring

2017/2018 Plan:
- USGS to Install Minisippers at Five Locations:
  - Level 1 Bypass Discharge
  - Level 3 Discharge
  - Elk-08
  - Elk-05
  - Elk-00
2017/2018 Interim Monitoring

- 2017/2018 Plan:
  - Twice/Year Sampling and Flow Measurements at Eight Locations:
    - Five Minisipper Locations
    - Level 1 Original Adit
    - Level 1 Point of Discharge into Elk Creek
    - New Location (ELK–11) just above Level 1 Point of Discharge
  - USGS to Bring ELK–00 Gauging Station Back into Service
2017 Interim Monitoring