



SITE REPORT Site work 10/09-20/2017

DATE: 10/24/17

Report Prepared for: Duane Newell, OSC, USEPA Region 8

Report Prepared by: Matt Francis, RM, Environmental Restoration, LLC

Weather Conditions:

Comments: Weather was relatively mild throughout the reporting period.

Work Hours: 0700 – 1730 with mild variations

Quantity of ER Personnel: 5-8

Active Work Area(s): Work was performed at the Jumbo Mine and surrounding area of private and USFS ownership

Crew Description(s): Response Manager – Matt Francis; Cost Accountant – Damian Sanchez ; Crew of 3-6 equipment operators and technicians

Equipment Utilized: Pick-up trucks; stake bed truck , dump truck, front end loader, mini excavator, skid steer, tool trailer

Subcontractor Assignments: Equipment and materials vendors

Problems Encountered/Resolved: Difficult terrain with icy spots managed by careful travel and use of ice spikes as necessary.

Sampling/Documentation Performed: START function

Erosion/Sediment Control Issues: Site drainage was designed to route precipitation into the limestone.

Construction Photographs Taken: Photographs taken by ERRS are included in this report. Additional photos are available at the OSCs request.

Summary of Tasks Performed:

- Monday 10/09
 - Bad weather delayed planned mobilization of crew to Keystone
 - Equipment vendors dropped mini-excavator and skid steer as planned



- Tuesday 10/10
 - RM and crew arrived on site to review HASP and discuss SOW with OSC. Work began removing collapsed portion of cabin and setting up bypass system.
 - Approximately 30' of channel dug
- Wednesday 10/11 – Thursday 10/19
 - Completed approximately 362' of ditch underlaid with construction felt and 2 layers of 15ml poly liner and topped with 6" minus limestone
 - Installed two 20' culverts - one under private road and one under USFS road.
 - Installed catchment at toe of mine dump to receive water infiltrating waste rock and routing it to limestone ditch
 - Removed 50cy of trash and debris from top of mine dump. All trash was placed in rolloff containers bound for local dump
 - Installed 12' gate to close USFS road from vehicle traffic
 - Installed large rocks to block off USFS land from vehicle traffic
 - Removed seven camp fire rock rings from USFS land
 - Demobilized crew and equipment

Disposal Summary:

50 cy of trash and debris was removed and hauled to local landfill

Materials Summary:

- 80.46 Tons of 6" minus limestone
- 27.37 Tons of ¾" road base
- 12.25 Tons of pea gravel
- 1 roll of construction fabric
- 3 rolls of 15ml poly liner
- 1 12' gate
- 13 sacks of concrete
- 2 ADS 18" culverts, 20' ea
- 2 gate posts, 8" diameter 1/8" thick 8' length each
- 1 galvanized lock post 4" diameter 6'11" length

Safety Summary: The HASP was discussed with subcontractor and provided to the OSC. There were no safety issues or near misses of import on this project.

Signed: _____

Date: _____

Matt Francis, Response Manager







