



ERRS PROGRESS REPORT

Operational Period #4 – 10/31/22 – 11/6/22

DATE: 11/7/22

Report Prepared for: Marty McComb, OSC, USEPA Region 8

Report Prepared by: Rob Burton, RM, Environmental Restoration, LLC

Weather Conditions:

Precipitation: Active precipitation during site work on November 3rd (Thursday). The snow was still on-site and a minor hinderance to progress for the remainder of the week.

Comments: Weather was chilly in the mornings, mid-20s to mid-30s, with sunny and overcast skies and high 30s to mid-40s during the day.

Work Hours:

Monday 0700 - 1730

Tuesday 0700 - 1730

Wednesday 0700 - 1730

Thursday 0700 – 2100

Friday 0700 - 1800

Saturday 0700 - 1500

Active Work Area(s): Work was performed at the Radon Mine along the top of the waste rock slope. The ramp into the drainage was completed. The remainder of the metal pile was removed and buried under at least 3 feet of soil. Material from within the drainage was removed. The topsoil pile was moved out of the repository footprint. Riprap was generated.

To date, 393 haul truck loads of material have been transported in the haul truck (105 this week). The quantity of material moved with just the excavator and bulldozer is undetermined.

Quantity of ER Personnel: 8

Crew Description(s): Response Manager – Rob Burton; Foreman/operator- Darren Williams; Operators- JM Cordova & D. Birkins; Truck Driver/operator- Gail Paige; Cleanup Technician/operator- Bryce Sikes; FCA- Damian Sanchez

Equipment Utilized: ER Pick-ups (3), ER decon trailer, large excavator, haul truck, bulldozer, small excavator, water truck, water buffalo, generator, 3” pump, fuel tank, FCA rental vehicle, hammer hoe, front-end loader.



The water truck was down all week.

The excavator with the hammer hoe has a small hydraulic oil leak. We are waiting on a technician for a repair.

All other equipment was usable during this operational period.

Subcontractor Assignments: None

Problems Encountered/Resolved: An issue with the culvert was discovered on Wednesday. There was a long-standing disconnection between two sections of the pipe that had allowed material to fall in between the disconnection and then to be wash down the pipe during precipitation/flow events. The disconnection was exposed with the excavator. A solution is under discussion.

H&S Monitoring/Testing Performed:

Decontamination monitoring was performed using the EPA Ludlum device- all observations were below 300 c/min.

Ambient air was monitored using the EPA DustTrak DRX device. Daily TWA values fluctuated between 0.001 and 0.007 mg/m³. The maximum reading was 0.415 mg/m³.

Construction Photographs Taken: Photographs were sent to the OSC via email.

Summary of Tasks Performed:

- Monday 10/31/22
 - Excavation of the waste rock from the top of the slope near the top of the ramp continued. The haul truck moved 12 loads.
 - The remainder of the metal debris, 8 haul truck loads, was removed and buried.
 - Riprap was generated with the hammer hoe.
 - The topsoil pile was relocated to the other side of the access road.
 - Decontamination was monitored with the Ludlum device – no readings over 300 c/min.
 - One water buffalo load was brought to the site. Dust suppression was performed.
- Tuesday 11/1/22
 - Excavation of the waste rock from along the ramp continued. The haul truck moved 32 loads.
 - Riprap was generated with the hammer hoe.
 - The topsoil pile was relocated to the other side of the access road.
 - Decontamination was monitored with the Ludlum device – no readings over 300 c/min.
 - One water truck load was brought to the site. Dust suppression was performed.
- Wednesday 11/2/22



- Excavation of the waste rock from along the ramp continued. The haul truck moved 12 loads.
- The crew encountered a sink hole in the slope above the culvert pipe. Further investigation and excavation showed that there was disconnect between the culvert sections that had allowed material to wash into the culvert from above the disconnect. The downstream sections of the culvert were removed. A solution to the issue is under discussion.
- Decontamination was monitored with the Ludlum device – no readings over 300 c/min.
- Two water truck loads were brought to the site. Dust suppression was performed.
- Thursday 11/3/22
 - The crew began excavation of the second tier starting on the east end. The excavator loaded into the haul truck for transport. 12 loads of excavated material were placed in the designated area. The area where the culvert was separated continued to be excavated out so that the crew could access the area for the repair.
 - Decontamination was monitored with the Ludlum device – no readings over 300 c/min.
 - One water truck load was brought to the site. Dust suppression was not needed due to the moisture in the ground.
 - Two crew members traveled to Silverton for site supplies.
- Friday 11/4/22
 - The crew continued excavation on the second tier. The excavator loaded 19 loads into the haul truck for transport.
 - Decontamination was monitored with the Ludlum device – no readings over 300 c/min.
 - No water truck loads were brought to the site. Dust suppression was not needed due to the moisture in the ground.
 - The replacement culvert and the liner that will be used for the channel below the culvert were mobilized to the site.
- Saturday 11/5/22
 - Excavation of the waste rock from the bottom of the slope commenced. 18 loads were loaded into the haul truck. Excavated material was placed in the designated area.
 - Decontamination was monitored with the Ludlum device – no readings over 300 c/min.
 - No water truck loads were brought to the site. Dust suppression was not needed due to the moisture in the ground.
 - The water truck was switched out for a replacement water truck due to the PTO issue.

Safety Summary:

Daily toolbox safety meetings were held each morning before work commenced.

There were no safety issues or near misses of import during this operational period.



Signed: _____ **Date:** _____

Rob Burton, Response Manager
Environmental Restoration, LLC

Signed: _____ **Date:** _____

Marty McComb, Federal On-scene Coordinator
U.S. Environmental Protection Agency, Region 8