



ERRS PROGRESS REPORT

Operational Period #13 – 1/9/23 – 1/15/23

DATE: 1/16/23

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

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

Weather Conditions:

Precipitation: It snowed at the site the evening of 1/9/23. The snow melted quickly in most areas that receive sun and caused muddy conditions at the site.

Comments: Weather was cold in the mornings and warmed in the afternoons. The lows were in the mid-20s and highs were in the upper-30s to lower-40s.

Work Hours:

Monday 0700 - 1730

Tuesday 0700 - 1730

Wednesday 0700 - 1730

Thursday 0700 - 1730

Friday 0700 - 1730

Saturday 0700 - 1600

Sunday – no site work

Active Work Area(s): Work was performed at the Columbia Shaft, including excavation/clean-up of waste rock from the lower tiers; transport and placement of the waste rock in the repository; excavation of the adjacent hillside; moving that material with the loader; bulldozer work; and installation of liner/riprap in the drainage channel. This week, 83 haul truck loads of material (~1,162 bank CY) have been transported in the haul truck and 75 loads (~150 bank CY) in the loader bucket, estimated to be 1,312 bank CYs removed this week. Total estimated bank volume removed at the Columbia Shaft to date is 16,802 CY.

Quantity of ER Personnel: 7 (FCA worked off-site.)

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

D. Birkins demobilized from the site on 1/14/23



Equipment Utilized: ER Pick-ups (3), ER decon trailer, large excavator, haul truck, bulldozer, small excavator, generator, fuel tank, hammer hoe attachment, skidsteer, front-end loader, laser level.

All the equipment was usable during this operational period.

Subcontractor Assignments: None

Problems Encountered/Resolved:

The site was muddy this week, as was the access road.

H&S Monitoring/Testing Performed:

Decontamination monitoring was performed using the EPA Ludlum device- all observations were below 300 c/min. The highest reading was around 127 c/m.

Ambient air was monitored using the EPA DustTrak DRX device on days with no precipitation. The highest TWA value was 0.004 g/m³. The maximum reading was 0.094 mg/m³.

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

Summary of Tasks Performed:

- Monday 1/9/23
 - Waste material was excavated from the third tier. 16 loads were transported by the haul truck to the repository.
 - Installation of the drainage channel continued.
 - The loader transported material excavated from the adjacent hillside. 12 loads were transported.
- Tuesday 1/10/23
 - Excavation was performed on the lower tier of Columbia Shaft. Excavation also was performed on the SW side of the pile down to bedrock. 8 loads of waste rock were excavated, transported, and placed in the repository.
 - The drainage channel was completed.
 - 47 loader buckets of material were transported from the adjacent hillside to the repository.
- Wednesday 1/11/23
 - Excavation continued on various places on the waste rock pile. 10 loads of waste rock were excavated, transported, and placed in the repository.
 - Material hauling from the adjacent slope continued. 16 loader buckets of material were transported to the repository.
 - Grading continued on the waste rock pile.
- Thursday 1/12/23
 - Excavation continued on the waste rock pile. 18 loads of waste rock were excavated, transported, and placed in the repository.
 - Grading and clean-up activities were performed.



- Friday 1/13/23
 - Excavation of the material from the adjacent slope continued. 22 loads of waste rock were excavated, transported, and placed in the repository.
 - Grading and clean-up activities continued.
- Saturday 1/14/23
 - Excavation of the material from the adjacent slope continued. 9 loads of waste rock were excavated, transported, and placed in the repository.
 - Topsoil/organic layer material was spread over the waste pile tiers.
 - Grading and clean-up tasks continued.
- Sunday 1/15/23
 - No site work

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