



ERRS PROGRESS REPORT

Operational Period #12 – 12/26/22 – 1/8/23

DATE: 1/8/23

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 over the break. There was about one foot of snow on the ground upon arrival on Tuesday. It snowed lightly on Tuesday. The snow remained on the ground in shaded, undisturbed areas and turned to mud on the sunny areas.

Comments: Weather was cold in the mornings and warmed in the afternoons. The lows were in the mid-20s and highs were in the mid and upper-30s to as much as 40 degrees (Saturday). Conditions ranged from snowing to partly cloudy to sunny.

Work Hours:

12/26/22 through 1/1/23 there was no site work. Crew was off-site for the holiday.

Monday – mobilization

Tuesday 0700 - 1730; mobilization

Wednesday 0700 - 1730

Thursday 0700 - 1730

Friday – 0700 - 1730

Saturday – 0700 - 1730

Sunday – no site work

Active Work Area(s): Work was performed at the Columbia Shaft, including excavation of waste rock from the third tier and clean-up excavation on the second tier; 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, 147 haul truck loads of material (~2,058 bank CY) have been transported in the haul truck and 253 loads (~506 bank CY) in the loader bucket, estimated to be 2,564 bank CYs removed this week. Total estimated bank volume removed at the Columbia Shaft to date is 15,490 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



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:

Weather issues delayed the mobilization of part of the crew.

The batteries in the DustTrak don't last a full day in the cold temperatures. Early shut-off happened twice this week.

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 124 c/m.

Ambient air was monitored using the EPA DustTrak DRX device on days with no precipitation. The highest TWA value was 0.003 g/m³. The maximum reading was 0.059 mg/m³.

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

Summary of Tasks Performed:

- Monday 1/2/23
 - D. Williams and J.M. Cordova mobilized to Moab. G. Paige mobilized to Grand Junction.
- Tuesday 1/3/23
 - R. Burton, G. Paige, and D. Birkins mobilized to Moab.
 - Excavation was continued on the third tier of Columbia Shaft. 27 loads of waste rock were excavated, transported, and placed in the repository.
- Wednesday 1/4/23
 - B. Sikes mobilized to the jobsite.
 - Excavation continued on the third tier. 33 loads of waste rock were excavated, transported, and placed in the repository.
 - Material hauling from the adjacent slope continued. 62 loader buckets of material was transported to the repository.
 - Installation of liner and riprap at the top of the drainage channel was performed.
- Thursday 1/5/23
 - Excavation continued on the third tier at the Columbia Shaft. 34 loads of waste rock were excavated, transported, and placed in the repository.



- Material removal continued on the adjacent slope. 97 loader buckets of material were transported to the repository.
- Installation of liner and riprap continued on the upper part of the drainage channel.
- Friday 1/6/23
 - Excavation continued on the third tier at the Columbia Shaft. 34 loads of waste rock were excavated, transported, and placed in the repository.
 - Material removal continued on the adjacent slope. 62 loader buckets of material were transported to the repository.
 - Installation of liner and riprap commenced on the lower part of the drainage channel.
- Saturday 1/7/23
 - Excavation clean-up work continued on the upper tiers at the Columbia Shaft. 19 loads of waste rock were excavated, transported, and placed in the repository.
 - The grade on the second tier was established with the bulldozer.
 - Material removal continued on the adjacent slope. 30 loader buckets of material were transported to the repository.
 - Installation of liner and riprap continued on the lower part of the drainage channel.
- Sunday 12/18/22
 - 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.

Rob Burton

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Date: 2023.01.08 11:27:13
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Signed: _____ **Date:** _____

Rob Burton, Response Manager
Environmental Restoration, LLC

Signed:  _____ **Date:** 1-12-2023

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