



ERRS PROGRESS REPORT

Operational Period #10 – 12/12/22 – 12/18/22

DATE: 12/24/22

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

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

Weather Conditions:

Precipitation: No precipitation this week; snow remained on the ground in most undisturbed areas.

Comments: Weather was chilly in the mornings, lows in the mid-teens to the mid-20s.. Highs were high-20s to low-40s during the day with sunny to cloudy conditions.

Work Hours:

Monday 0700 - 1730

Tuesday 0700 – 1730

Wednesday 0700 - 1730

Thursday 0700 - 1730

Friday – demobilization

Saturday – no work

Sunday – no site work

Active Work Area(s): Work was performed at the Columbia Shaft, including excavation of waste rock from the second tier (completed on 12/21) and the third 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 excavation/prep work for the drainage channel. This week, 128 haul truck loads of material have been transported in the haul truck and 96 loads in the loader bucket, estimated to be 1,984 CYs removed this week. Total estimated volume removed at the Columbia Shaft to date is 12,926.

The gate at the Radon Mine was inspected daily. No issues noted.

Quantity of ER Personnel: 6 (FCA worked off-site. Crew demobilized on 12/23.

Crew Description(s): Response Manager – Rob Burton; Foreman/operator- Darren Williams; Operators- JM Cordova & D. Birkins; 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.



All the equipment was usable during this operational period.

The bulldozer was serviced on Wednesday.

Subcontractor Assignments: None

Problems Encountered/Resolved:

The batteries in the DustTrak don't last a full day in the cold temperatures. It 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 122 c/m.

Ambient air was monitored using the EPA DustTrak DRX device on days with no precipitation. The highest TWA value was 0.006 g/m³. The maximum reading was 0.103 mg/m³.

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

Summary of Tasks Performed:

- Monday 12/19/22
 - Excavation continued on the second tier at the Columbia Shaft. Material was placed in the repository area. 32 loads of waste rock/overburden were transported for placement in the repository.
 - The grading and site preparation was performed for the drainage channel.
- Tuesday 12/20/22
 - Excavation was continued on the second tier of Columbia Shaft. 36 loads of waste rock were excavated, transported, and placed in the repository.
 - Excavation continued on the adjacent slope. 53 loader buckets of material were transported to the repository.
- Wednesday 12/21/22
 - Excavation was completed on the second tier the Columbia Shaft. Excavation commenced on the third tier. 34 loads of waste rock were excavated, transported, and placed in the repository.
 - Grading, site preparation, and excavation were performed on the drainage channel.
- Thursday 12/22/22
 - Excavation continued on the third tier at the Columbia Shaft. The grade on the first tier was rem-worked generating waste rock that was removed. 26 loads of waste rock were excavated, transported, and placed in the repository.
 - Excavation continued on the adjacent slope. 43 loader buckets of material were transported to the repository.
 - The site was clean-up and secured for the long break.



- Friday 12/23/22
 - The crew demobilized
- Saturday 12/24/22
 - No site work
- 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.

Signed: _____

Date: _____

Rob Burton, Response Manager
Environmental Restoration, LLC

Signed: _____

Date: _____

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