



ERRS PROGRESS REPORT

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

DATE: 12/19/22

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 12/12 to the morning of 12/13. It snowed lightly the evening 12/14 to the morning of 12/15. Snow was around on the ground for the whole week.

Comments: Weather was chilly in the mornings, lows of 9, 10, 11, and 13 degrees and highs of mid- to upper-20s, with a combination of sunny and overcast skies.

Work Hours:

Monday 0700 - 1730

Tuesday 0700 – 1730

Wednesday 0700 - 1730

Thursday 0700 - 1730

Friday 0700 - 1730

Saturday 0700 - 1530

Sunday – no site work

Active Work Area(s): Work was performed at the Columbia Shaft, including excavation of waste rock from the first tier (completed on 12/13) and 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 siting of the drainage channel. This week, 217 haul truck loads of material have been transported in the haul truck and 533 loads in the loader bucket, estimated to be 4,104 CYs removed this week. Total estimated volume removed at the Columbia Shaft to date is 10,942 CY.

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

Quantity of ER Personnel: 7 (D. Sanchez demobilized on 12/16; G. Paige demobilized on 12/17)

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), FCA rental car, ER decon trailer, large excavator, haul truck, bulldozer, small excavator, water truck, water buffalo, generator, 3" pump, fuel tank, FCA rental vehicle, hammer hoe attachment, skidsteer, front-end loader.

All the equipment was usable during this operational period.

The water truck was demobilized on Saturday.

Subcontractor Assignments: None

Problems Encountered/Resolved: The pond where we get water is frozen over and now shut off. Dust control will be performed by reducing on-site speed and blading off dry layers from work surfaces with the bulldozer.

The batteries in the DustTrak don't last a full day in the cold temperatures.

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 125 c/m.

Ambient air was monitored using the EPA DustTrak DRX device on days with no precipitation. The highest TWA value was 0.002 g/m³. The maximum reading was 0.375 mg/m³.

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

Summary of Tasks Performed:

- Monday 12/12/22
 - Excavation continued on the first tier at the Columbia Shaft. Material was placed in the repository area. 44 loads of waste rock/overburden were transported for placement in the repository.
 - The ramp to the bottom of the adjacent slope was completed. The loader moved 178 loads of material from this area and transported it to the repository.
- Tuesday 12/13/22
 - Excavation was completed on the first tier of Columbia Shaft. Excavation commenced on the second tier. 37 loads of waste rock were excavated, transported, and placed in the repository.
 - Excavation continued on the adjacent slope. 61 loader buckets of material were transported to the repository.
- Wednesday 12/14/22
 - Excavation continued on the second tier the Columbia Shaft. 31 loads of waste rock were excavated, transported, and placed in the repository.



- Excavation continued on the adjacent slope. 86 loader buckets of material were transported to the repository.
- Thursday 12/15/22
 - Excavation continued on the second tier at the Columbia Shaft. 41 loads of waste rock were excavated, transported, and placed in the repository.
 - Excavation continued on the adjacent slope. 68 loader buckets of material were transported to the repository.
- Friday 12/16/22
 - Excavation continued on the second tier at the Columbia Shaft. 34 loads of waste rock were excavated, transported, and placed in the repository.
 - Excavation continued on the adjacent slope. 125 loader buckets of material were transported to the repository.
- Saturday 12/17/22
 - Excavation continued on the second tier at the Columbia Shaft. 30 loads of waste rock were excavated, transported, and placed in the repository.
 - Excavation continued on the adjacent slope. 15 loader buckets of material were transported to the repository.
 - Work began on the drainage channel. The area was graded out and initial excavation was performed.
- 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