



## ERRS PROGRESS REPORT

### Operational Period #9 – 12/05/22 – 12/11/22

**DATE:** 12/5/22

---

**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 12/5 to the morning of 12/7. Snow was around on the ground for the next few days.

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

---

#### **Work Hours:**

Monday 0700 - 1730

Tuesday 0700 – 1730

Wednesday 0700 - 1730

Thursday 0700 - 1730

Friday 0700 - 1730

Saturday 0700 - 1500

Sunday – no site work

**Active Work Area(s):** Work was performed at the Columbia Shaft, including excavation of waste rock from the first tier (near completion), transport and placement of the waste rock in the repository, generation of riprap from on-site rock, staging the riprap, excavation of the adjacent hillside and minor bulldozer work, and dust control with the water truck. This week, 236 haul truck loads of material have been transported in the haul truck and 164 loads in the loader bucket, estimated to be 3,632 CYs removed this week. Total estimated volume removed at the Columbia Shaft to date is 6,838 CY.

Work at the Radon Mine included installation of hydro-mulch, installation of water bars, installation of rock around the parking area, security checks on the gate, and the installation of the fifth radiation warning sign.

**Quantity of ER Personnel:** 7

**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.

**Subcontractor Assignments:** RK Hydroseeding was on-site to install the hydro-mulch 12/5 through 12/7.

**Problems Encountered/Resolved:** None

**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 121 c/m.

Ambient air was monitored using the EPA DustTrak DRX device. The highest TWA value was 0.003 g/m<sup>3</sup>. The maximum reading was 0.114 mg/m<sup>3</sup>.

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

---

**Summary of Tasks Performed:**

- Monday 12/5/22
  - Excavation continued on the first tier at the Columbia Shaft. Material was placed in the repository area. 35 loads of waste rock/overburden were transported for placement in the repository.
  - Two loads of water were brought to the site for dust suppression at Columbia Shaft.
  - RK Hydroseeding mobilized to the Radon mine. Four loads of hydromulch were installed at the site.
- Tuesday 12/6/22
  - Excavation continued on the first tier Columbia Shaft. 40 loads of waste rock were excavated, transported, and placed in the repository.
  - Riprap was generated and staged on-site
  - No water was brought on-site for dust control due to the overnight precipitation.
  - RK Hydroseeding continued their work at the Radon Mine. Five loads of hydromulch were installed.
- Wednesday 12/7/22
  - Excavation continued on the first tier the Columbia Shaft. 41 loads of waste rock were excavated, transported, and placed in the repository.
  - Riprap was generated and staged on-site.
  - No water was brought on-site for dust control due to the snow still on the ground.



- RK Hydroseeding completed their installation of hydromulch at the site. Three loads of hydromulch were installed.
- Thursday 12/8/22
  - Excavation continued on the first tier at the Columbia Shaft. 47 loads of waste rock were excavated, transported, and placed in the repository.
  - Riprap was generated and staged on-site
  - One load of water was brought to the site for dust suppression.
  - An attempt was made to install the water bars on the ramp at the Radon Mine, but the ramp was too snowy. Large rocks were collected to be used to line the parking area. The fifth radiation warning sign was installed.
- Friday 12/9/22
  - Excavation continued on the first tier at the Columbia Shaft. 43 loads of waste rock were excavated, transported, and placed in the repository.
  - Excavation commenced on the adjacent slope/ The smaller excavator removed the material and the loader transported the material to the repository. 100 loader buckets of waste material were transported, estimated at 2 bank CY per load (200 CY for the day).
  - One load of water were brought to the site for dust suppression.
- Saturday 12/10/22
  - Excavation continued on the first tier at the Columbia Shaft. 30 loads of waste rock were excavated, transported, and placed in the repository.
  - Excavation continued on the adjacent slope. 64 loader buckets of material were transported to the repository.
  - No water was brought to the site for dust suppression.
  - The water bars were installed at the Radon Mine. Rocks around the parking area were installed.
- Sunday 12/5/22
  - 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