



ERRS PROGRESS REPORT

Operational Period #1 – 10/10/22 – 10/16/22

DATE: 10/17/22

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

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

Weather Conditions:

Precipitation: No precipitation during site work or operational period

Comments: Weather was chilly in the mornings, with sunny skies and mid-60s during the day.

Work Hours:

Monday was mobilization, various hours used for mobilization

Tuesday 0700 - 1800

Wednesday 0700 - 1730

Thursday 0700 – 1730

Friday 0700 - 1730

Saturday 0700 - 1500

Quantity of ER Personnel: 7

Active Work Area(s): Work was performed at the Radon Mine in the area with the metal debris and the top of the waste rock slope.

Crew Description(s): Response Manager – Rob Burton; Foreman/operator- Darren Williams; Operators- JM Cordova & D. Birkins; Truck Driver- Gail Paige; Cleanup Technician- Bryce Sikes; FCA- Damian Sanchez

Equipment Utilized: ER Pick-ups (3), ER decon trailer, large excavator, haul truck, bulldozer, small excavator, water truck, water buffalo, generator, 2" pump, fuel tank, FCA rental vehicle

All equipment was usable during this operational period.

Subcontractor Assignments: None

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.

Ambient air was monitored using the EPA DustTrak DRX device. Daily TWA values fluctuated between 0.001 and 0.003 mg/m³. The maximum reading was 1.280 mg/m³ and coincided with the water truck leaving the site and creating dust in the support zone. After discussion with the water truck driver to reduce speed/dust generation, further spikes were eliminated.

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

Summary of Tasks Performed:

- Monday
 - Crew and equipment mobilized to the site
- Tuesday
 - Radiation awareness training was performed by ER's regional safety manager and was attended by all ER site personnel.
 - The Health and Safety Plan was reviewed with the crew.
 - The site was walked with the crew and the OSC. Site set-up commenced.
 - The ER crew was trained on the use of the Ludlum device and the DustTrak device.
- Wednesday
 - Site set-up was completed. EPA MEOC was mobilized to the site and set-up.
 - Excavation began at the top of the slope when the metal debris was located. The excavator removed the debris from the slope as far as could be reached from the top of the slope. The material was staged against the stone terraces in the exclusion zone.
 - Decontamination was monitored with the Ludlum device – no readings over 300 c/min.
 - Two water truck loads were brought to the site. Dust suppression was performed.
- Thursday
 - The area where the metal debris was located was scraped down to native material.
 - Excavation of the waste rock began. Material was excavated from the top of the slope as far down the slope as the excavator could safely reach. Excavation started on the east side of the top of the slope and moved westward.
 - Decontamination was monitored with the Ludlum device – no readings over 300 c/min.
 - Three water truck loads were brought to the site. Dust suppression was performed.
- Friday
 - Excavation of the waste rock from the top of the slope continued. Excavated material was placed in the designated area.
 - Decontamination was monitored with the Ludlum device – no readings over 300 c/min.
 - Four water truck loads were brought to the site. Dust suppression was performed.
- Saturday
 - Excavation of the waste rock from the top of the slope continued. Excavated material was placed in the designated area.



- Decontamination was monitored with the Ludlum device – no readings over 300 c/min.
- Two water truck loads were brought to the site. Dust suppression was performed.

Safety Summary: The HASP was reviewed with the crew prior to work beginning. Radiation training was held with the crew. Additional on-site training was performed by EPA S. Merritt. An action level of 300 counts per minute was established to drive decontamination measures.

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: 10/17/22

Rob Burton, Response Manager
Environmental Restoration, LLC

Signed: _____ **Date:** _____

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