



## ERRS PROGRESS REPORT

### Operational Period #15 – 1/23/23 – 4/16/23

**DATE:** 4/12/23

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

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

#### **Weather Conditions:**

**Precipitation:** Snow covered the site and surrounding areas until mid-March. Minor snowing at the site on 4/2/23 and 4/3/23.

**Comments:** Weather was around freezing in the morning, with freezing overnights sometimes and no freezing other times. The temperatures warmed up as the field work progressed, melting the snow and creating mud. During the hydroseeding, the temperature had swung, with highs in the 70s.

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#### **Work Hours:**

Wednesday (3/29/23) - mobilization  
Thursday (3/30/23) – 0700 - 1730  
Friday (3/31/23) – 0700 - 1730  
Saturday (4/1/23) – 00700 – 1730  
Sunday (4/2/23) – no site work  
Monday (4/3/23) – 0700 – 1730  
Tuesday (4/4/23) – 0700 – 1730  
Wednesday (4/5/23) – 0700 – 1730  
Thursday (4/6/23) – 0700 – 1730  
Friday (4/7/23) – 0900 – 1400 (partial demobilization)  
Saturday (4/8/23) – 0800 – 1300  
Sunday (4/9/23) – 0800 – 1300  
Monday (4/10/23) – 0700 – 1730  
Tuesday (4/11/23) – 0800 – 1830 (RM demobilization)  
Wednesday (4/12/23) - demobilization

**Active Work Area(s):** Work was performed at the Columbia Shaft, including the installation of rock drains, bulk grading, final grading, clean-up tasks, installation of posts/signs, installation of hydroseed, and constructions of barriers to the site.

**Quantity of ER Personnel:** 5 (FCA worked off-site.)



**Crew Description(s):** Response Manager – Rob Burton; Foreman/operator- Darren Williams; Operators- Demian Birkins & Derek Harrington; FCA- Damian Sanchez

The crew mobilized to the site on Wednesday, March 29. Demobilization was completed on 4/12/23.

**Equipment Utilized:** ER Pick-ups (2), ER decon trailer, excavator, bulldozer, skidsteer, water trailer, laser level.

All the equipment was usable during this operational period.

**Subcontractor Assignments:** Clark and Co. was on-site to install the hydroseed on April 10<sup>th</sup> and 11<sup>th</sup>.

**Problems Encountered/Resolved:**

The site was snow covered for most of this operational period. Site inspections for snow conditions were performed twice during this operational period.

Once site work resumed, there was a lot of mud that we dealt with as the last of the snow was melting.

The adhesive on the radiation signs wouldn't come off. Only three signs are currently up at the site. There are four posts awaiting signs.

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

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**Summary of Tasks Performed:**

- Wednesday 3/29/23
  - Crew and equipment mobilized to the site.
- Thursday 3/30/23
  - Site walk performed and a punch list of activities to complete was generated. Site was set-up to resume work.
  - Grading was performed on the upper part of the repository and on the bottom tier. An armored channel was constructed to connect the bottom tier with the toe of the waste pile. A few loads of material were transported with the skid steer, but the volume was negligible and not tracked.
- Friday 3/31/23
  - Grading on the upper part of the repository continued.
  - The space between the lower repository and the adjacent excavated area was scraped. A few loads of material were transported with the skidsteer, but the volume was negligible and not tracked.
- Saturday 4/1/23
  - Grading on the upper part of the repository continued. Grading was also performed on the second and third tiers.



- The area where the fuel tank was stationed, near the beginning of the road choke, was pulled back to native and graded.
- Sunday 4/2/23 – NO SITE WORK
- Monday 4/3/23
  - Grading on the upper part of the pile continued.
  - An armored drain from the top of the pile to the fifth tier was constructed.
  - An armored drain from the fifth tier to the beginning of the main drainage channel was constructed.
- Tuesday 4/4/23
  - Site walk performed with the OSC.
  - Final grading tasks were performed.
- Wednesday 4/5/23
  - Final clean-up tasks on the pile were completed.
  - Final grading tasks were performed.
- Thursday 4/6/23
  - The support area was cleaned up.
  - Equipment was decontaminated.
  - Equipment was set-up for demobilization.
  - Site was cleaned up and prepared for hydroseeding.
- Friday 4/7/23
  - D. Birkins and D. Harrington demobilized. One ER pick-up and the decontamination trailer demobilized.
  - Site walk with the hydroseed contractor was performed. Hydroseed materials were off-loaded and staged.
- Saturday 4/8/23
  - Roadway and support area was seeded by hand.
  - Road to the site was graded with the bulldozer.
- Sunday 4/9/23
  - Seeded area was raked in with the skidsteer and excavator.
  - Road to the site was graded with the bulldozer.
- Monday 4/10/23
  - Hydroseeding performed.
- Tuesday 4/11/23
  - Hydroseeding completed.
  - Hillside road blockage constructed.
  - Road barricade constructed at the construction between the support area and the repository.
  - Road barricade constructed at the intersection of County Road 302 and the road that accesses the support area.
- Wednesday 4/12/23
  - Demobilization complete



**Remaining Tasks:**

The following tasks remain to be completed at the Columbia Shaft site:

1. UAV data will be collected and analyzed.
2. The site will be inspected as directed by EPA.

**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