

Radon Mine – Lisbon Valley Mining District (B818)

ERRS Operations Plan and Work Order

Operational Period: 09 December 5 – December 11, 2022

Open and honest team discussions that involve EVERYONE are critical to understanding hazards, mitigating risks, preventing accidents, and insuring a successful response.

Top Priority is Site Safety and Security

- Always watch out and protect yourself and the people around you from physical hazards and exposure to radioactive dust.
- Prevent contamination from spreading beyond footprints of waste piles.
- Conduct daily safety checks on equipment and general site conditions.
- Remove, mark or remedy hazards when you see them. Notify crew of all hazards.

Emergency Contacts:

- San Juan County Sheriff Dispatch - 435-587-2237 (911 if it is an emergency).
- San Juan County Fire Department - 435-587-3225 (911 if it is an emergency).
- Moab Regional Hospital - 435-719-3500 (450 Williams Way, Moab, Utah 84532)

Site Objectives

Radon Mine

1. Remove radioactive metal debris found on surface of waste pile.
2. Regrade the waste pile and install erosion control features.
3. Pull toe of the waste pile out of the ephemeral drainage.
4. Restrict visitor access until new vegetation is established.

Deliverables

Operations Periods are Mondays-Sundays. OSC will issue weekly Work Orders before the beginning of each Operations Period to include authorized activities and resources.

- ☐ ER will conduct pre and post UAV flights that provide site topography and 30-second videos for public information.
- ☐ ER will deliver daily photos documenting progress and Site conditions to mccomb.martin@epa.gov.
- ☐ ER shall provide a Progress Report at the end of each Operations Period including:
 - a) summary of activities accomplished.
 - b) deviations from the authorized activities and resources.
 - c) summary of equipment/personnel utilized. The equipment utilization summary should include equipment that is working/available for use on each day.
- ☐ ER shall submit a 1900-55 RCMS Report at the end of each Operations Period.

Authorized Activities

- Additional hydro-mulch will be installed on the site.
- The rock water-bars will be installed on the slope break.
- An additional radiation sign will be installed near the top of the ramp.
- The access road to the mine will be kept secure and will be inspected.

Goals/Schedule

Day #	Date	Goals	Status
Day 1	10/10/22	Mobilization	Complete
Day 2 & 3	10/11/22 -10/12/22	Set-up and orientation	Complete
Day 4 - 18	10/13/22 - 10/29/22	Remove material from the top	Complete
Day 19 - 20	10/31/22 - 11/1/22	Build ramp down into drainage	Complete
Day 21 - 33	11/2/22 - 11/16/22	Remove material from the lower slope; install riprap	Complete
Day 34 - 38	11/17/22 - 11/21/22	Clean-up, road closure, other tasks	Complete
Day 39	11/22/22	Demobilization	Complete
Day 40 - 50	11/23/22 – 12/3/22	Site security	Complete
Day 51 - 70	12/4/22 – 12/23/22	Erosion controls and Site security	

Authorized Resources

PERSONNEL	QUANTITY	COMMENTS
Response Manager	1	
Equipment Operator	1	
Laborer	1	
Field Accountant	1	
EQUIPMENT	QUANTITY	COMMENTS
Skidsteer	1	To be billed to Columbia Shaft Task Order.

Approvals:

EPA On Scene Coordinator

ERRS Response Manager