



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
 JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0150036
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, July 14, 2020
Start Date/Time:	7/14/2020 10:00:00 AM
End Date/Time:	7/14/2020 3:00:00 PM
Last Inspection:	Thursday, June 11, 2020

Inspector: Karl Houskeeper,
 Weather: Clear Skies, Temp. 90 Deg.. F.
 InspectionID Report Number: 6716
 Accepted by: SCHRISTE
 8/4/2020

Permittee: **CASTLE VALLEY MINING LLC**
 Operator: **CASTLE VALLEY MINING LLC**
 Site: **CASTLE VALLEY WASTE ROCK SITE**
 Address: **5550 W. BEAR CANYON ROAD, P.O. BOX 475 HUNTINGTON UT 84528**
 County: **EMERY**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

49.05	Total Permitted
49.05	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- Federal
- State
- County
- Fee
- Other

Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The Castle Valley Waste Rock (CVWR) Partial Inspection was conducted un-attended according to the Division's current policy during the COVID 19 pandemic. The lower terrace or the waste rock site had been graded. (see item 7). Tamarisks are present in the sediment pond and should be removed.(see item 4b.).

Pictures were taken during the partial inspection and are attached to the PDF version of this inspection report.

Karl R. Houskeeper

Inspector's Signature:

Date Tuesday, July 14, 2020

Karl Houskeeper,
 Inspector ID Number: 49



REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Signs and Markers

There is one identification sign posted on the entrance gate that leads into the Castle Valley Waste Rock site. This sign posts the name, address, phone number and mining permit number for Rhino who is the owner and permit holder. The sign meets the requirements set forth for identification signs and is in compliance.

3. Topsoil

There are several topsoil piles at the Castle Valley Waste Rock site. The majority of these piles are located to the side or adjacent to the disturbed areas. The piles are marked by signs that identify the soils as topsoil..

The weak area at the base of the topsoil pile on the south side of the waste rock site was checked and found to be stabilized. A picture was taken of this area and it is apparent that the straw wattle structure at the base of the pile is holding material back. The weakened area below the straw wattle has straw bales tucked into the cut and it appears that this area is stable as well. Pictures taken are attached to the PDF version of this inspection report.

4.a Hydrologic Balance: Diversions

Diversions are open and functional.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The sediment pond at the Castle Valley Waste Rock site is designed as a total containment sediment pond. The banks are stable. The pond did not contain any water during the inspection. Several tamarisk's were observed on the interior of the pond. The tamarisk plants are focused mainly in the pond bottom and lower inner slopes. The tamarisk plants need to be removed from the pond as they are a woody species.

4.e Hydrologic Balance: Effluent Limitations

There is no discharges from this site. The sediment pond is designed as a total containment pond.

5. Explosives

There are no explosives on site.

7. Coal Mine Waste, Refuse Piles, Impoundments

The lower cell/terrace of the waste rock site has been graded by a road grader. The road grader is still on site. The waste rock site was not active during the partial inspection. The site appeared stable. Pictures of the waste rock pile were taken and are attached to the PDF version of this inspection report.

8. Noncoal Waste

The waste rock site was free of noncoal waste items during the partial inspection.

14. Subsidence Control

This is a waste rock site. There is no subsidence associated with this permitted site.

ATTACHMENT A – Photos CVWR Partial Inspection July 14, 2020 site visit



PHOTO 1

Castle Valley Waste Rock Identification Sign



PHOTO 2

Castle Valley Waste Rock Access Road



PHOTO 3

Castle Valley Waste Rock Site



PHOTO 4

Castle Valley Waste Rock Upper Cell/Terrace

ATTACHMENT A – Photos CVWR Partial Inspection July 14, 2020 site visit



PHOTO 5

Castle Valley Waste Rock Upper Cell/Terrace



PHOTO 6

Castle Valley Waste Rock Sediment Pond (Tamarisk)



PHOTO 7

Castle Valley Waste Rock Site (Road Grader)



PHOTO 8

Castle Valley Waste Rock Lower Cell/Terrace

ATTACHMENT A – Photos CVWR Partial Inspection July 14, 2020 site visit



PHOTO 9

Castle Valley Waste Rock Lower Cell/Terrace



PHOTO 10

Castle Valley Waste Rock Lower Cell/Terrace



PHOTO 11

Castle Valley Waste Rock Access Road



PHOTO 12

Castle Valley Waste Rock Straw Wattle Structure South Topsoil Pile

ATTACHMENT A – Photos CVWR Partial Inspection July 14, 2020 site visit



PHOTO 13

Castle Valley Waste Rock Straw Wattle Structure South Topsoil Pile



PHOTO 14

Castle Valley Waste Rock Straw Wattle Structure South Topsoil Pile



PHOTO 15

Castle Valley Waste Rock Site



PHOTO 16

Castle Valley Waste Rock Expansion Area