



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:	COMPLETE
Inspection Date:	Tuesday, May 21, 2019
Start Date/Time:	5/21/2019 7:30:00 AM
End Date/Time:	5/21/2019 12:00:00 PM
Last Inspection:	Wednesday, April 24, 2019

Representatives Present During the Inspection:	
Company	Jaren Jorgensen
OGM	Karl Houskeeper
OGM	Priscilla Burton

Inspector: Karl Houskeeper

Weather: Cloudy, Temp. 46 Deg. F.

InspectionID Report Number: 6425

Accepted by: SCHRISTE

5/23/2019

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:

Comments by Priscilla Burton are denoted by (PB) at the beginning of the comment.

(PB) Coal mine waste was recently deposited on the pile.
 On the SE boundary of the South stockpile, the soil supporting the stockpile has given way. This requires immediate attention so that the stockpile is not affected.
 Refer to Plate 5-1 for locations of surface facilities.

Inspector's Signature:

Date: Tuesday, May 21, 2019

Karl Houskeeper,
Inspector ID Number: 49

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.
 telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

The DOGM permit is C/015/0036 issued on November 2, 2018 and expires on November 2, 2023.

Air Quality permit is DAQE- GN15613001-18, November 15, 2018.

SPCC plan dated January 10, 2019 and Utah P.E. certified 01/10/2019.

Business license issued 07/31/13 and expires 06/30/2019, Division of Corporations.

2. Signs and Markers

The identification is clearly posted on the entrance gate leading into the waste rock site. The sign contains the name, address, phone number and mining permit number. The sign is in compliance.

3. Topsoil

(PB) Ms. Burton walked the boundaries of the North and South soil stockpiles. On the SE boundary of the South stockpile, the soil supporting the stockpile has given way. This requires immediate attention so that the stockpile is not affected. The boundaries of the stockpiles shown on Plate 5-1 are approximate. While walking the boundary, the location of the excelsior logs was used as the base of the piles. The area of the South stockpile was recorded as 1.46 acres and is approximately 6 ft high on the average. The area of the North soil stockpile was recorded as 1.57 acres and is approximately 10 ft high on average. Vegetation on the stockpiles is almost exclusively shrubs such as shadscale, saltbush, and gardner saltbush. Grasses on the South pile were present, but not as numerous as on the North pile. Grasses on both piles were Indian ricegrass, galleta and wildrye, and on the North side of the North pile is cheat grass.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The sediment pond was last inspected in the fourth quarter of 2018 in December and was Utah P.E. certified on 01/24/2019.

4.e Hydrologic Balance: Effluent Limitations

No discharge permit. Sediment pond is designed for total containment.

5. Explosives

No explosives are stored on site.

7. Coal Mine Waste, Refuse Piles, Impoundments

The waste rock pile was last inspected in the fourth quarter of 2018 in December and was Utah P.E. certified on 01/24/2019.

(PB) Coal mine waste was deposited on the pile recently. Note: Each 18 inch lift of waste will be sampled (MRP Chap 7, p. 7-14).

9. Protection of Fish, Wildlife and Related Environmental Issues

(PB)Tamarisk in the drainage below the South soil stockpile are outside of the permit area.

20. Air Quality Permit

Air Quaility Permit DAQE-GN15613001-18. Name Change November 15, 2018

21. Bonding and Insurance

Indemnity National Insurance Co. Policy 092018-C0150036, 12th October 2018, for \$821,000.



Castle Valley Mining LLC

Waste Rock Site
5550 W Bear Canyon Rd
P.O. Box 475
Huntington, UT 84528
435-687-5454

MSHA ID #:

DOG M C-015-0036

Identification Sign



Waste Rock Pile



Topsoil Pile



TOPSOIL

Sediment Pond

Topsoil Pile



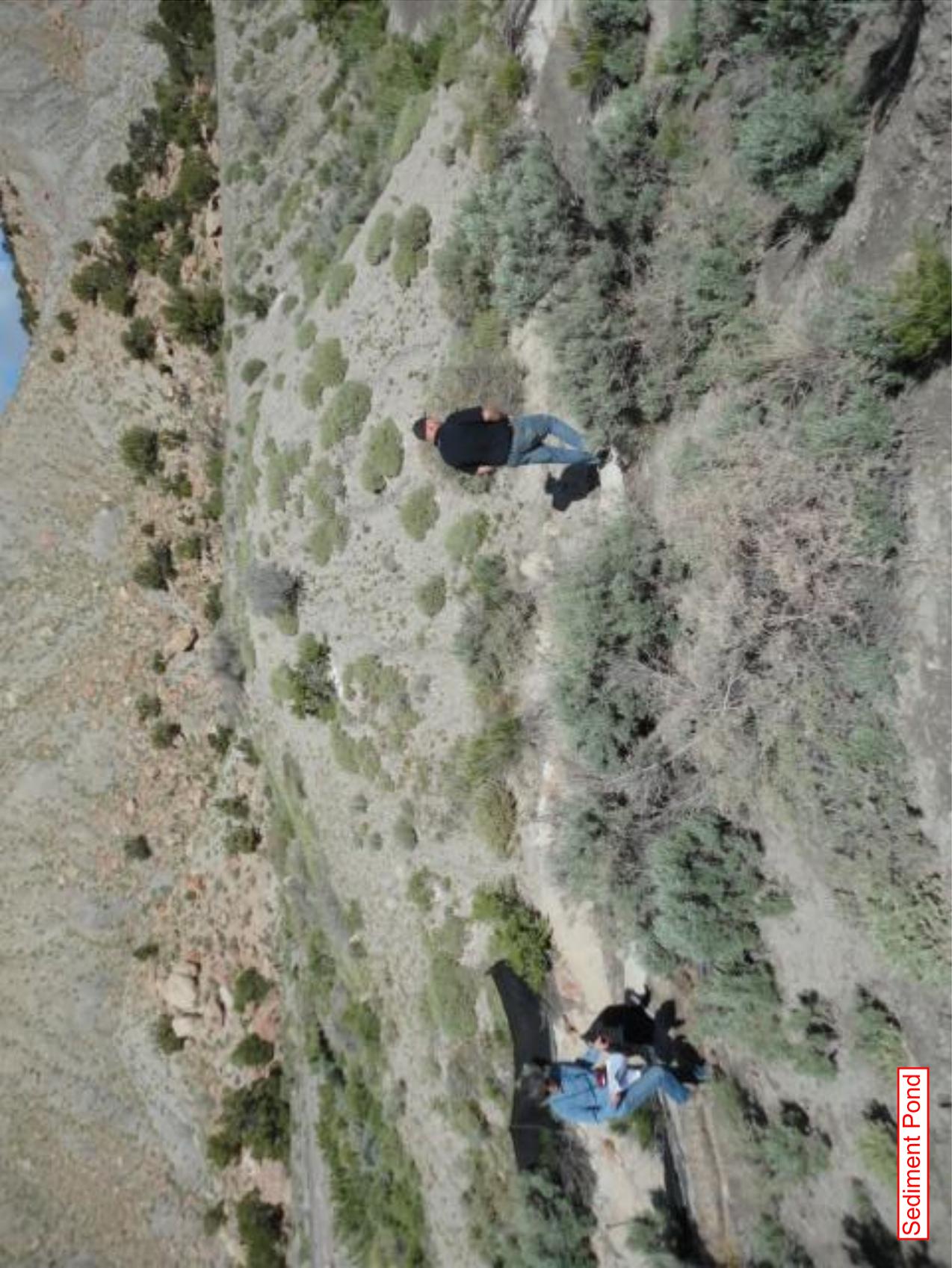
Sediment Pond



Waste Rock Pile



Waste Rock Pile



Sediment Pond



Sediment Pond