



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:	C0150025
Inspection Type:	COMPLETE
Inspection Date:	Thursday, February 7, 2019
Start Date/Time:	2/7/2019 10:00:00 AM
End Date/Time:	2/7/2019 2:00:00 PM
Last Inspection:	Thursday, January 17, 2019

Representatives Present During the Inspection:	
Company	Jaren Jorgensen
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Partly Cloudy, 20's, Snow Covered

InspectionID Report Number: 6350

Accepted by: SCHRISTE
2/14/2019

Permittee: **CASTLE VALLEY MINING LLC**
 Operator: **CASTLE VALLEY MINING LLC**
 Site: **BEAR CANYON MINE**
 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

10,991.83	Total Permitted
35.02	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 mine site was covered with 12 to 24 inches of snow.
 Cleaning of coal fines under the belt conveyor will be needed this spring.
 No pictures were taken due to the occasional malfunctions of the camera.

Stephen J. Demczak

Inspector's Signature:

Steve Demczak,
Inspector ID Number: 39

Date Monday, February 11, 2019



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 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Signs and Markers

The identification sign was inspected and it meets the requirements of the R645 Coal Rules. Picture was taken in January report. Sign has the new address for contact.

3. Topsoil

The topsoil piles were snow covered. It is unlikely that wind or water erosion has occurred.

4.a Hydrologic Balance: Diversions

Diversions and culverts were completely snow covered. Due to low temperatures it is unlikely that the diversions had water flow.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

I inspected a few sediment ponds. They contain water but were not discharging and unlikely to discharge. The embankments and inlets were snow covered. No hazardous conditions were noticed. No water was entering the sediment pond. I did not inspect other ponds due to access roads were snow covered and unsafe to drive. The Annual sediment pond inspection was taken on December 10, 2018 and a first quarter inspection on February 4, 2019. No hazardous conditions were reported.

4.d Hydrologic Balance: Water Monitoring

Water monitoring information is taken by the permittee and is sent electronically to the Division in Salt Lake City. This information is reviewed and analyzed by the Division staff. A report is written. The permittee was in compliance with the UPDES permit for the fourth quarter.

4.e Hydrologic Balance: Effluent Limitations

The UPDES Permit expired on August 31, 2018. Water Quality is in the process of writing a new permit, in the mean time the permittee is still under the requirements of the expire permit.

7. Coal Mine Waste, Refuse Piles, Impoundments

The permittee has required the Deer Creek refuse pile. This is under a different permit with a different inspector. Therefore, no information is given in this report.

8. Noncoal Waste

I did not notice any non-coal waste materials. The mine site is completely snow covered.

10. Slides and Other Damage

No slides or other damage was notice during the inspection. The mine site and loadout appear to be stable.

14. Subsidence Control

This information is given in the annual report.

16.a Roads: Construction, Maintenance, Surfacing

The roads were compacted with no dust control problem. The roads were snow covered.

16.b Roads: Drainage Controls

Road diversions and culverts were snow covered.

18. Support Facilities, Utility Installations

No new facilities constructed since the last inspection.

19. AVS check

AVS checks are made in Salt Lake City.

20. Air Quality Permit

Air Quality Permit is DAQE-GN01020000570

21. Bonding and Insurance

The insurance policy will expire on June 1, 2019. It is written by Lockton Company.
The bonding amount is \$2,934,000