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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:	Monday, May 6, 2019
Start Date/Time:	5/6/2019 9:00:00 AM
End Date/Time:	5/9/2019 2:00:00 PM
Last Inspection:	Sunday, March 10, 2019

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

Inspector: Steve Demczak,

Weather: Partly Cloudy, 50's, semi dry conditions

InspectionID Report Number: 6415

Accepted by: SCHRISTE
5/23/2019

Permitee: **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

- [x] Federal
- [ ] State
- [ ] County
- [x] Fee
- [ ] Other

Types of Operations

- [x] Underground
- [ ] Surface
- [ ] Loadout
- [ ] Processing
- [ ] Reprocessing

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

The permittee will be submitting an amendment to add an ASCA to the permit. This “alternate sediment control area” (ASCA) will be treating sediment/coal coming off the beltline. After the Air Jig system amendment is approved, the ASCA will be submitted.

Stephen J. Demczak

Inspector's Signature:

Date Thursday, May 9, 2019

Steve Demczak,
Inspector ID Number: 39

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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UTAH DNR OIL, GAS & MINING

Permit Number: C0150025
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Inspection Continuation Sheet

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 performace 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	☑	☐	☑	☐
2. Signs and Markers	☑	☐	☑	☐
3. Topsoil	☑	☐	☑	☐
4.a Hydrologic Balance: Diversions	☑	☐	☑	☐
4.b Hydrologic Balance: Sediment Ponds and Impoundments	☑	☐	☑	☐
4.c Hydrologic Balance: Other Sediment Control Measures	☐	☐	☐	☐
4.d Hydrologic Balance: Water Monitoring	☑	☐	☑	☐
4.e Hydrologic Balance: Effluent Limitations	☑	☐	☐	☐
5. Explosives	☐	☑	☐	☐
6. Disposal of Excess Spoil, Fills, Benches	☑	☐	☐	☐
7. Coal Mine Waste, Refuse Piles, Impoundments	☐	☑	☐	☐
8. Noncoal Waste	☑	☐	☑	☐
9. Protection of Fish, Wildlife and Related Environmental Issues	☑	☐	☐	☐
10. Slides and Other Damage	☑	☐	☑	☐
11. Contemporaneous Reclamation	☐	☑	☐	☐
12. Backfilling And Grading	☐	☑	☐	☐
13. Revegetation	☐	☑	☐	☐
14. Subsidence Control	☑	☐	☑	☐
15. Cessation of Operations	☐	☑	☐	☐
16.a Roads: Construction, Maintenance, Surfacing	☑	☐	☑	☐
16.b Roads: Drainage Controls	☑	☐	☑	☐
17. Other Transportation Facilities	☑	☐	☐	☐
18. Support Facilities, Utility Installations	☑	☐	☑	☐
19. AVS check	☑	☐	☑	☐
20. Air Quality Permit	☑	☐	☑	☐
21. Bonding and Insurance	☑	☐	☑	☐
22. Other	☐	☐	☐	☐

1. Permits, Change, Transfer, Renewal, Sale

The permittee has one amendment with the Division. It is the "Addition Air Jig System". That is schedule to be review by June 3, 2019.
DOGM Permit - Expires November 2, 2020
UPDES Permit – UTG040006 and expired on August 31, 2018
SPCC Plan – Reviewed on January 10, 2018, P.E. Certified
Air Quality Permit – DAQE-GN01020000570

2. Signs and Markers

The identification sign was inspected and it meets the requirements of the R645 Coal Rules. See Photo

3. Topsoil

I inspected the topsoil piles and I did not see any signs of wind or water erosion. The topsoil piles appear to be stable and protected by a berm.

4.a Hydrologic Balance: Diversions

The diversions and culverts were open and functioning as design. Sediment had started to fill within these structures. The permittee had cleaned out several diversions since the last inspection. The permittee is in the process of cleaning off more diversions and culverts. See Photos

4.b Hydrologic Balance: Sediment Ponds and Impoundments

I inspected the sediment ponds throughout the property. They contained some water but were not discharging. It is unlikely these structures will discharge in the near future. The embankments appear to be stable. Inlets and outlets would function as design. I did not see any hazardous conditions to these structures. The permittee conducted a first quarter sediment pond inspections on February 5, 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 first quarter.

8. Noncoal Waste

The property was clear of non-coal waste materials such as oil, trash and grease cans.

10. Slides and Other Damage

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

14. Subsidence Control

Subsidence information is given in the Annual Report. This information is reviewed by the Engineer in Salt Lake City.

16.a Roads: Construction, Maintenance, Surfacing

The roads were compacted with no dust control problem. They were wet and slightly muddy from the melting snow.

16.b Roads: Drainage Controls

I inspected the road diversions and culverts throughout the property. They were functioning as design. See Photos

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 – 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. This amount will change once the Air Jig amendment is approved.

Castle Valley
Mining LLC
Castle Valley Mine
P.O. Box 475
435-687-5454