



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

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:	PARTIAL
Inspection Date:	Tuesday, September 27, 2016
Start Date/Time:	9/27/2016 10:15:00 AM
End Date/Time:	9/27/2016 11:50:00 AM
Last Inspection:	Tuesday, September 13, 2016

Representatives Present During the Inspection:
Company Jaren Jorgensen

Inspector: Daron Haddock

Weather: Clear, Sunny, 70's

InspectionID Report Number: 5646

Accepted by: DHADDOCK
9/28/2016

Permittee: **CASTLE VALLEY MINING LLC**
 Operator: **CASTLE VALLEY MINING LLC**
 Site: **BEAR CANYON MINE**
 Address: **2352 NORTH 7TH STREET, UNIT B, GRAND JUNCTION CO 81501**
 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 main purpose of this inspection was to evaluate the abatement of NOV #21171.

Inspector's Signature

Daron Haddock

Daron Haddock,

Inspector ID Number: 28

Date Wednesday, September 28, 2016



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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

3. Topsoil

The topsoil pile next to the #2 conveyor access road appeared to be stable. Jaren intends to get it hydroseeded this fall.

4.a Hydrologic Balance: Diversions

The site had been hit by a significant rain storm event on last Thursday. (Approximately 2 inches of rain in about 2 hours) The site seemed to handle it well. Jaren indicated that he had collected a sample of discharge from the pond just east of the bathhouse. The diversions along the road appear to have been recently maintained.

18. Support Facilities, Utility Installations

We drove to the portal area above the conveyor #4 and looked down the canyon. The conveyor was running and seemed to be functioning well. The pans beneath the conveyor have all been repaired and installed and seemed to be functioning. We then drove to the transfer station near the mid-point of the conveyor system and walked up the hill below the conveyor. This area had been previously covered with coal, but was now relatively clean. Water that was flowing down the drainage appeared to be clear and was able to flow unrestricted. We also hiked to the upper section of belt #4 and noted that the coal in this area had been cleaned up. There is some residual coal below the conveyor which could still be cleaned further. I suggested to Jaren and the maintenance people that they spend some more time cleaning coal from beneath the belt in this area just to make it look better. We then drove down to the #2 belt area and noted that this belt had also been repaired with all the pans being installed. This area had also been cleaned up and looked significantly better than it did when the violation was issued. Again there is a little bit of residual coal in spots and it was suggested that these areas be cleaned a little further. All in all, the conveyor was functioning properly and the spilt coal had been removed. There is a little bit of cosmetic clean up of residual coal that was suggested. NOV #21171 was terminated. Although things are currently functioning, with the history of this conveyor, it appears that there could be the possibility of future coal spills. The company must be vigilant in maintaining the conveyor and getting any spilt coal immediately cleaned up.

ATTACHMENT A – Photos September 27, 2016 site visit



PHOTO 1

Sept. 27, 2016

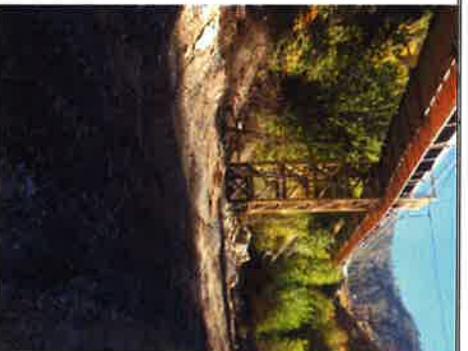


PHOTO 2

Sept. 27, 2016



PHOTO 3

Sept. 27, 2016



PHOTO 4

Sept. 27, 2016



ATTACHMENT A – Photos March 16 & 17, 2016 site visit



PHOTO 5

Sept. 27, 2016

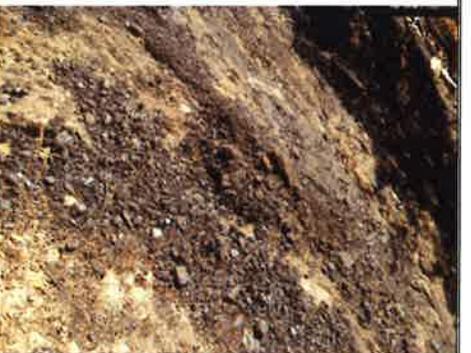


PHOTO 6

Sept. 27, 2016



PHOTO 7

Sept. 27, 2016

PHOTO 8

