



**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:	<b>C0150025</b>
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, May 13, 2020
Start Date/Time:	5/13/2020 9:30:00 AM
End Date/Time:	5/13/2020 2:00:00 PM
Last Inspection:	Wednesday, March 11, 2020

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

Inspector: Steve Demczak  
 Weather: Cloudy, 50's, Dry Conditions  
 InspectionID Report Number: 6666  
 Accepted by: SCHRISTE  
 5/28/2020

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		Mineral Ownership	Types of Operations
10,991.83	<b>Total Permitted</b>	<input checked="" type="checkbox"/> Federal	<input checked="" type="checkbox"/> Underground
35.08	<b>Total Disturbed</b>	<input type="checkbox"/> State	<input type="checkbox"/> Surface
	<b>Phase I</b>	<input type="checkbox"/> County	<input type="checkbox"/> Loadout
	<b>Phase II</b>	<input checked="" type="checkbox"/> Fee	<input type="checkbox"/> Processing
	<b>Phase III</b>	<input type="checkbox"/> Other	<input type="checkbox"/> Reprocessing

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

The permittee was still installing the conveyor to the Air Jig. The mine was in full operation.

Stephen J. Demczak

**Inspector's Signature:**

Steve Demczak,  
 Inspector ID Number: 39

**Date** Wednesday, May 20, 2020



**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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**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 checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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. See Photo

## **3. Topsoil**

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

### **4.a Hydrologic Balance: Diversions**

The permittee did their annual spring cleaning of diversions and culverts. All diversions were functioning as design. 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 fourth quarter sediment pond inspections on March 23, 2020. No hazardous conditions were reported.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

The permittee was installing straw bales under the belt conveyor to treat the area affected by the coal fines from off the belt line. This treatment was approved by an amendment that was submitted to the Division. See Photo

### **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.

### **4.e Hydrologic Balance: Effluent Limitations**

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 and loadout appear to be stable.

## **14. Subsidence Control**

Subsidence survey information is in the annual report.

**16.a Roads: Construction, Maintenance, Surfacing**

The roads were compacted with no dust control problem.

**16.b Roads: Drainage Controls**

Roads diversions and culverts were recently clean out of sediment. 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.

**21. Bonding and Insurance**

The insurance will expire on June 1, 2020. The company affording coverage is Federal Insurance Company with policy #36043255. The new bonding amount is \$3,159,000.

**ATTACHMENT A – Photos Bear Canyon**



**PHOTO 1**  
Identification Sign



**PHOTO 2**  
Installing Straw Bales under beltline



**PHOTO 3**  
Installing Straw bales Under Belt line



**PHOTO 4**  
Air Jig and Conveyor Belt