



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:	TECHNICAL
Inspection Date:	Tuesday, October 30, 2012
Start Date/Time:	10/30/2012 11:30:00 AM
End Date/Time:	10/30/2012 3:00:00 PM
Last Inspection:	

Representatives Present During the Inspection:	
OGM	April Abate
Company	Jaren Jorgensen

Inspector: April Abate

Weather: Sunny, Clear 70F

InspectionID Report Number: 3281

Accepted by:

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
40.46	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 purpose was to reconn some of the hydrologic monitoring stations feeding the Fish Creek area where mining is currently taking place.

Inspector's Signature:

April Abate

Digitally signed by April Abate
 DN: cn=April Abate, o=Division of Oil, Gas, & Mining, ou=Coal Regulatory Program, email=aprilabate@utah.gov, c=US
 Date: 2012.11.05 10:05:38 -07'00'

Date Wednesday, October 31, 2012

April Abate,

Inspector ID Number: 60

Note: This inspection report does not constitute an official statement 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

4.d Hydrologic Balance: Water Monitoring

Located CK-1 stream monitoring location near the Mohrland portal discharge location. Collected GPS and elevation data, and photo of location. Located FC-6 water monitoring location. Collected GPS and elevation data, and photo of location. This was no defined channel at this sampling location. According to the MRP, water is only observed during storm events or during spring run off. Located FC-4 and collected GPS and elevation data, and photo. FC-4 is a spring-fed stream location that flows perennially from downstream of the spring. Castle Valley is currently conducting weekly monitoring at the following locations: FC-3, FC-4, FC-6, FC-7, FC-8 now that they are mining beneath the area. Spring SBC-21 is due for weekly monitoring starting in November 2012. The mine has committed to weekly monitoring of several spring and stream sites while mining in the Wildhorse Ridge area. However, no commitment to establish the frequency of the deliverable email to the Division was established in the plan. The Division suggested the Permittee amend their MRP to note that the weekly data collection information will be submitted to the Division on a monthly basis. The most logical place to add this commitment is page 7-60A of the MRP where the company commits to emailing the weekly reports to the Division. A single-page revision indicating that the reports will be submitted monthly will suffice. Several unmapped springs near FC-4 were also observed. None of these springs appeared to be developed. Jaren indicated that Norwest had performed a spring and seep survey of the area. This area has been fairly extensively inventoried for springs and seeps by the Division, the Forest Service and consultants in the past. Castle Valley is planning on collecting at least one year's worth of data prior to reassessing the weekly monitoring protocol in place. The Division would like the opportunity to continue to look at the other Fish Creek and spring locations in the Wild Horse area, as the weather permits.

7. Coal Mine Waste, Refuse Piles, Impoundments

Noticed a coal stockpile at the base of the Mohrland road where the paved road becomes a dirt road. This stockpile was on the property of CoOp. One front-end loader was noted near the stockpile, but otherwise, no other activity was noted. This stockpile was at the base of Ben Johnson Canyon, just outside the Hiawatha Mine permit area (C/007/0011). According to discussions with inspection staff at DOGM, this is a loadout operated by Genwal, not under DOGM permit because no crushing or screening was performed.

22. Other

Discussed the unpaid fine N10096 that Bear Canyon has outstanding with the Division. Jaren indicated that he would look into it with his accounting department. As a result, a check was cut today 10/31/2012 and was mailed to the Division.



Figure 1. Water Monitoring location CK-1.



Figure 2. Water Monitoring location FC-6.



Figure 3. FC-6 looking south - no defined channel. Water reportedly flows in response to spring runoff and storm events.



Figure 4. Water Monitoring Location FC-4.



Figure 5. FC-4 is a spring-fed perennial stream location. During the October 2012 visit, the spring was flowing at 10 gal/minute.



Figure 6. Coal stockpile at the base of Ben Johnson Canyon along the Mohrland Road.