

OK



GARY R. HERBERT
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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:	C0430001
Inspection Type:	COMPLETE OVERSITE
Inspection Date:	Tuesday, June 11, 2013
Start Date/Time:	6/11/2013 9:30:00 AM
End Date/Time:	6/11/2013 10:30:00 AM
Last Inspection:	Tuesday, July 31, 2012

Inspector: Joe Helfrich

Weather: sunny 75 clear

InspectionID Report Number: 3529

Accepted by: jhelfric

7/8/2013

Representatives Present During the Inspection:	
OSM	Flynn Dickinson
OSM	Daniel MacKinnon
OGM	Joe Helfrich

Permittee: **SUMMIT MINERALS INC**

Operator: **SUMMIT MINERALS INC**

Site: **SUMMIT #1 MINE**

Address: ,

County: **SUMMIT**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **RECLAIMED**

Current Acreages

14.00	Total Permitted
14.00	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:

As part of OSM's oversight responsibility of the State of Utah's approved coal regulatory program, an evaluation was conducted under the primary objective of OSM Directive REG-8. The evaluation was conducted to determine if the Utah Division of Oil, Gas and Mining (DOG M) has appropriate controls in place to prevent and manage off-site impacts on bond forfeiture sites. This inspection revealed that there were no off-site impacts to watersheds, streams, (Chalk Creek), or adjacent agricultural areas. This inspection was conducted as an oversight topic inspection with OSM.

The Summit #1 mine was not permitted under the Title V coal program. The collateral bond was forfeited on September 25, 1995. The site was abandoned, leaving the disturbed area un-reclaimed. Inspections continued in accordance with the requirements of R645-400 through September 1, 1995. The disturbed area was reclaimed under the guise of the Title IV Abandoned Mine Program. Reclamation commenced in 1997 and was completed in 1998. The site is a bond forfeiture site and classified as such for the purpose of as needed inspections in accordance with R645-100-200. This inspection revealed that there were no off-site impacts to watersheds, streams, (Chalk Creek), or adjacent agricultural areas. A recommendation of termination of jurisdiction is appropriate pending concurrence with the land owner.

Joseph C. Helfrich
Inspector's Signature

Date Wednesday, June 26, 2013

Joe Helfrich,

Inspector ID Number: 1



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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Signs and Markers

No trespassing signs are posted at the entrance to the property.

3. Topsoil

The topsoil at this site contains a fair amount of gravel which has impeded the establishment of vegetation. However the last several years have shown a greater density of grasses and forbs. This year's precipitation has resulted in an increase in the density of the vegetation.

4.a Hydrologic Balance: Diversions

The diversions within and adjacent to the permit area were observed to be in good condition and functioning as designed. No indications of sediment leaving the permitted area were observed during the time of the inspection.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The sediment pond was observed during the inspection. The sediment pond was constructed in a lowland, riparian area and is covered with vegetation. The embankments and containment berms of the pond are stable and well vegetated. No water/runoff was observed in the pond at the time of the inspection. The sediment pond was constructed in a riparian area and has basically self reclaimed, (the vegetation consisting of grasses, forbs, sedges and willow), to a current riparian area. There was no runoff in the pond at the time of this inspection.

4.c Hydrologic Balance: Other Sediment Control Measures

The surface roughening techniques utilized on the reclaimed slopes and disturbed areas appear to be functioning. No evidence of erosion was observed at the time of the inspection. The reclaimed surfaces did not exhibit signs of instability (i.e. gully's, rills, cutting etc).

9. Protection of Fish, Wildlife and Related Environmental Issues

There is a temporary corral for sheep located on the pad adjacent to the shop building. Deer have been feeding along the stream banks and portions of the reclaimed area.

10. Slides and Other Damage

No evidence of slides, slumping or instability was observed on the site. The reclaimed surfaces, including the portal areas, were observed to be stable.

13. Revegetation

There is some musk thistle along the access road and sediment pond that has been sprayed, considerably less than in previous years. As noted in the topsoil section, the vegetation would be doing better in a less porous soil media. However, the percent cover appears to be increasing from the 2012 inspection. Species observed include the following: Great basin wild rye, gumweed, sage brush, gamble oak, silky lupine, yellow sweet clover, palmer penstomen, mountain brome, and slender wheat grass.

16.a Roads: Construction, Maintenance, Surfacing

The access road to the mine site was observed during the inspection. The access road and out slopes were stable and well vegetated. The bridge crossing was stable with no evidence of scouring or undercutting observed at the time of the inspection.

16.b Roads: Drainage Controls

The drainage controls of the access road (vegetated out slopes) appear to be functioning as designed. The access road to the site is relatively flat. The out slopes of the access road are well vegetated and stable. No evidence of erosion or sediment transport was observed in association with the unreclaimed access road.

21. Bonding and Insurance

The collateral bond was forfeited on September 25, 1995.