



# 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>C0150009</b>
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, September 16, 2020
Start Date/Time:	9/16/2020 10:30:00 AM
End Date/Time:	9/16/2020 1:00:00 PM
Last Inspection:	Tuesday, June 2, 2020

Representatives Present During the Inspection:	
OGM	Justin Eatchel
Company	Bryant Bunnell

Inspector: Justin Eatchel

Weather: Sunny & warm, 78F

InspectionID Report Number: 6777

Accepted by: SCHRISTE  
9/22/2020

Permittee: **FOSSIL ROCK RESOURCES, LLC**  
 Operator: **FOSSIL ROCK RESOURCES, LLC**  
 Site: **FOSSIL ROCK MINE**  
 Address: ,  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **INACTIVE**

#### Current Acreages

43.82	<b>Total Permitted</b>
27.83	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### 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 Division met with Wolverine representative Bryant Bunnell to inspect the main mine site and waste rock site. The grounds were physically inspected on foot to assess the current condition of drainage ditches, culverts, slopes, and overall stability of the site.

Inspector's Signature:

Justin Eatchel,  
Inspector ID Number: 73

Date Monday, September 21, 2020



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

## **1. Permits, Change, Transfer, Renewal, Sale**

The existing permit is current and will expire on February 21, 2025. Records of quarterly inspections of impoundments and refuse disposal areas are current. UPDES permit #UT0023728 was recently renewed and is set to expire on April 30, 2024. The Storm Water Pollution Prevention Plan (SWPPP) for the Main Site and Waste Rock Site was up to date.

## **2. Signs and Markers**

Signs designating topsoil, subsoil, and disturbance limits are in place and in good condition. A sign indicating the name, permit number, and other contact information is posted in plain view at the main mine site as well as the waste rock site.

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

Diversions and drainage ditches appeared to be functioning unobstructed, although some of the ditches along the west side of the waste rock site are starting to fill with sediment washing down from the adjacent slopes. The culverts at the main site as well as the waste rock site appeared to be clear and free of debris. There has not been a measureable amount of precipitation anywhere within the permit area for several months.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The sediment ponds at both the main site as well as the waste rock site are bone dry and haven't impounded water since the late Spring months.

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

The silt fence adjacent to the topsoil stockpile at the waste rock site was recently replaced by a newer, stronger liner. The old liner was falling over in several places and was not functioning as designed. The new liner was installed by SCAMP construction, and appears to be durable and well constructed.

## **10. Slides and Other Damage**

R645-301-515.311 - In the previous complete inspection in June, it was noted that a section of chain link fence surrounding the main site was slumped over and required repairs. The fence was slumping because the fence posts had rusted through at the base and the weight of the fence caused the posts to buckle and fail. The fence has since been repaired and the posts are all standing upright again.

Also of note was an incident of burglary that occurred in mid-July. As I was driving past the site following an inspection of Crandall's drill site on East Mountain, I noticed that several outbuildings appeared to have been broken into. I immediately contacted Bryant Bunnell, who later confirmed that the site had been broken into for the apparent objective of stealing items of potential value. While numerous outbuildings and high voltage power boxes had been broken into, very little was found to be missing. Most everything of value to opportunistic thieves was stolen years ago not long after the mine had declared cessation status. Nevertheless, the entrances to the outbuildings have been closed, and the entrance gate on the perimeter fence rechained.

## **15. Cessation of Operations**

Permittee requested cessation status on October 15, 2018.

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

Primary roads into both the waste rock site as well as the main site were found to be in good operating condition as per R645-301-534.300.

## **19. AVS check**

An AVS check was completed on Tuesday, September 21, 2020. There were no outstanding violations.

## **20. Air Quality Permit**

Air quality permit #DAQE-EN156760001-16 was issued September 7, 2016.

## **21. Bonding and Insurance**

Division records indicate that a surety bond in the amount of \$1,168,000 is currently held with Endurance Assurance Co., an A+ rated surety company.

Insurance is provided through Imperium Insurance Co., and was recently renewed for another year. Policy# MNG-IIC-GL-0000157-00 and MNG-IIC-GL-0000107-00 cover General Commercial Liability and Automobile Liability, and will expire on May 1, 2021.