



# 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, March 4, 2020
Start Date/Time:	3/4/2020 12:30:00 PM
End Date/Time:	3/4/2020 3:00:00 PM
Last Inspection:	Wednesday, December 11, 2019

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

Inspector: Justin Eatchel

Weather: Clear and sunny, 47F

InspectionID Report Number: 6653

Accepted by:

Permitee: **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 complete the first quarterly inspection of 2020. The entire waste rock site was accessible but the main site was still under at least 1 - 2 feet of snow.

Inspector's Signature: \_\_\_\_\_

Justin Eatchel,

Inspector ID Number: 73

Date Wednesday, March 4, 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 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 checked="" type="checkbox"/>	<input 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 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 checked="" 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 was recently renewed, and will expire on February 21, 2025. The MRP is currently in the process of being updated. 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. A small, 50-foot section of chain link fence surrounding the main site had fallen over recently. It appears that the metal fence posts had rusted off at the base and then succumbed to the wind. Permittee has plans to repair and rehab this section soon.

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

Diversions at the main site were still covered by snow. The diversions at the waste rock site were clear for the most part although they might need to be cleaned out at some point in the coming months as snowmelt and precipitation continue to wash undisturbed sediment into them.

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

The main site sediment pond was still covered in snow. The waste rock site sediment pond was about 25% full of ice water. The sediment from the waste rock site sediment pond was cleaned out last Fall and the sediment placed beside the waste rock piles west of the pond.

## **15. Cessation of Operations**

Permittee requested cessation status on October 15, 2018.

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

Roads leading into the waste rock site were very muddy.

## **19. AVS check**

An AVS check was completed on Thursday, March 5, 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 Great Midwest Insurance Co, and was recently renewed for another 3 months. Policy# GL00169760 and CA00169882 covers General Commercial Liability and Automobile Liability, and will expire on May 1, 2020.

**ATTACHMENT A – March 04, 2020 Complete inspection**



**PHOTO 1 – POSTED PERMIT, MAIN SITE**  
Posted along the County road on the north of the Permit area.



**PHOTO 2 – 66” CULVERT OUTLET, MAIN SITE**



**PHOTO 3 – CHAIN LINK FENCE, MAIN MINE SITE**  
The snowy conditions persist, especially in the shady sections.



**PHOTO 4 – COTTONWOOD MINE DRAINAGE**  
This 24” drop culvert captures the Cottonwood Mine water drainage in route to Cottonwood Creek.

**ATTACHMENT A – March 04, 2020 Complete inspection**


**PHOTO 5 – SEDIMENT POND, MAIN SITE**  
Winter snows haven't quite melted yet. No standing water.



**PHOTO 6 – PERIMETER FENCE, MAIN SITE**  
This section of chain link fence had fallen over due to several fence posts rusting off at the base.



**PHOTO 7 – PERIMETER FENCE, MAIN SITE**  
Note the post has completely rusted/snapped off at the base.



**PHOTO 8 – 66" CULVERT INLET, MAIN SITE**

**ATTACHMENT A – March 04, 2020 Complete inspection**


**PHOTO 9 – TOPSOIL STOCKPILE, MAIN SITE**  
The snow is about 2 feet deep here.



**PHOTO 10 – POSTED PERMIT, MAIN SITE**



**PHOTO 11 – PERMIT SIGN, WASTE ROCK SITE**  
Topsoil pile #3 just behind this sign.



**PHOTO 12 – WASTE ROCK PILES, WASTE ROCK SITE**  
The blonde piles are sediments that were dug out of the sediment pond during last year's cleanout.

**ATTACHMENT A – March 04, 2020 Complete inspection**



**PHOTO 5 – SEDIMENT POND, WASTE ROCK SITE**  
Looking south, decant structure left of center.



**PHOTO 6 – SEDIMENT POND, WASTE ROCK SITE**  
Looking southeast. Pond is about 25% full.



**PHOTO 7 – SUBSOIL STOCKPILE, WASTE ROCK SITE**  
Looking southeast from the top of the subsoil stockpile.



**PHOTO 8 – SNOWPLOW TURNAROUND, MAIN MINE SITE**  
These two fluorescent orange poles along the county road mark where county owned space has been reserved for snow plows.