



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

BRIAN C. STEED  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

February 18, 2020

Bryant Bunnell  
Fossil Rock Resources, LLC  
9815 South Monroe, Suite 203  
Sandy, Utah 84070

Subject: Conditional Approval of WRS Source Information, Fossil Rock Resources, LLC,  
Fossil Rock Mine, C/015/0009, Task #6060

Dear Mr. Bunnell:

The above-referenced amendment is approved conditioned upon receipt of 2 clean copies prepared for incorporation. Please submit these copies by March 19, 2020. Once we receive these copies, final approval will be granted.

A stamped incorporated copy of the approved plans will also be returned to you at that time, for insertion into your copy of the Mining and Reclamation Plan.

If you have any questions, please call me at (801) 538-5350.

Sincerely,

Steve Christensen  
Coal Program Manager

SKC/sqs  
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## Technical Analysis and Findings

### Utah Coal Regulatory Program

**PID:** C0150009  
**TaskID:** 6060  
**Mine Name:** FOSSIL ROCK MINE  
**Title:** WRS SOURCE INFORMATION

#### Operation Plan

##### Spoil Waste Coal Mine Waste

*Analysis:*

The application meets the State of Utah R645 requirements for Coal Mine Waste.

The application satisfies the requirements of R645-301-536.100 through -536.230 because narrative on page 14 of Volume 4 clarifies that waste rock generated at the Savage Coal Terminal (SCT) will be considered as a future source for waste rock material for the Fossil Rock Waste Rock Site. Waste rock previously generated from Canyon Fuel Company coal operations has traditionally been sent exclusively to the waste rock site at the Dugout Canyon Mine, but this amendment clarifies that the Fossil Rock Waste Rock Site may also be used to dispose of waste rock going forward. A description of the handling and placement of waste rock is given on pages 10 and 11 of Volume 4, and additional information concerning sediment control and hydrologic impoundments are given on pages 12 - 13. Based on extensive analytical testing over many years at the Dugout Canyon waste rock site it is not anticipated that waste rock generated will be toxic or acid-forming. Sampling data in Appendix B give the results of the most recent waste rock sample analysis completed by Pace Analytical Laboratories.

Maps illustrating the anticipated dimensions of the Fossil Rock Waste Rock Site at maximum capacity throughout reclamation are included on pages 290 and 291 of Volume 4. Plan views are supplemented with section views along the side of Plates CM-10824-WB and CM-10825-WB. Both plates have been stamped and signed by Mark A. Reynolds, a Licensed Professional Engineer in the State of Utah as per R645-301-512.230.

jeatchel