



Suzanne Steab <suzannesteab@utah.gov>

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## 2018 Annual Report Review Completion

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**Suzanne Steab** <suzannesteab@utah.gov>

Thu, Jun 13, 2019 at 6:50 AM

To: Bryant Bunnell <bbunnell@wolverinefuels.com>

Cc: Keenan Storrar <kstorrar@utah.gov>, Todd Miller <toddmiller@utah.gov>

The Division staff have completed the review of the 2018 Annual Report for the Fossil Rock Mine. Attached is a copy of the review with comments.

No hard copy will follow.

Thank you for your diligence in completing the Annual Report.

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**Fossil Rock.pdf**

32K

# 2018 ANNUAL REPORT

Submit the completed document and any additional information identified to the Division by March 31, 2019.

## GENERAL INFORMATION

Company Name	Fossil Rock Resources	Mine Name	Fossil Rock
Permit Number	C/015/0009	Permit Expiration Date	02-21-20
Operator Name	Fossil Rock Resources, LLC	Phone Number	+1 (801) 695-9107
Mailing Address	9815 South Monroe Street, Suite 203	Email	cheaps@wolverinefuels.com
City	Sandy		
State	UT	Zip Code	08400

## DOGM File Location or Annual Report Location

Excess Spoil Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	
Refuse Piles	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Submitted to DOGM Quarterly
Impoundments	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Submitted to DOGM Quarterly
Other:		

## OPERATOR COMMENTS

**REVIEWER COMMENTS**     Met Requirements     Did Not Meet Requirements

The annual report meets the State of Utah R645 requirements for Hydrology.

The sediment pond at the Fossil Rock mine is inspected quarterly and the reports are submitted to the Division. The sediment pond was in good condition during 2018 and was structurally sound (KS 5/29/2019).

5/8/2019, PB. There was no activity at the site in 2018. Quarterly inspection reports were received on 7/15/2018 and 10/18/2019. Temporary cessation was declared on 10/15/2018.

# COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the Mining and Reclamation Plan and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If additional written response is required, it should be filed as an attachment to this report.

**Title: REMINING WASTE ROCK FACILITY****Objective:** As-Built Drawings and Salvaged Soil Quantities**Frequency:** Ongoing, within 6 months of conclusion of Re-mining operations**Status:** Annually, One time**Reports:** Annual Reports**Citation:** MRP, R645-301-231.100**OPERATOR COMMENTS**

A letter declaring cessation of mining activities at the Fossil Rock Waste Rock site was sent to the Division in October of 2018. As-built drawings and salvaged soil quantities will be submitted to the Division in April 2019. These are currently being prepared.

**REVIEWER COMMENTS**

Met Requirements



Did Not Meet Requirements

5/2/2019, PB. As-built soil drawings and soil volumes will be forthcoming in the next week (personal communication with Bryant Bunnell, 5/8/2019).

# FUTURE COMMITMENTS AND CONDITIONS

The following commitments are not required for the current annual report year, but will be required by the permittee in the future as indicated by the "status" field. These commitments are included for information only, and do not currently require action. If you feel that the commitment is no longer relevant or needs to be revised, please contact the Division.

## **Title: VEGETATION MONITORING**

**Objective:** Observe revegetation efforts

**Frequency:** Annually upon revegetation

**Status:** Revegetation efforts have not been initiated

**Reports:** Annual Reports

**Citation:** MRP, R645-301-231.100

## **Title: ROOF AND FLOOR SAMPLES**

**Objective:** To determine if toxic or acid forming potential exists

**Frequency:** Annually during mining operations

**Status:** To be initiated if mining resumes

**Reports:** Annual Reports

**Citation:** Chapter 6 Section 6.6.5 page 6-8

## **Title: GROUNDWATER MONITORING**

**Objective:** Analyze mine working water balance, account for mine inflows, outflows, consumptive uses, and sump storage

**Frequency:** Annually during mining operations

**Status:** To be initiated if mining resumes

**Reports:** Annual Reports

**Citation:** Chapter 6 Section 6.7 page 6-10

# REPORTING OF OTHER TECHNICAL DATA

Please list other technical data or information that was not included in the form above, but is required under the approved plan, which must be periodically submitted to the Division.

Please list attachments:

**REVIEWER COMMENTS**

Met Requirements

Did Not Meet Requirements

# MAPS

Copies of mine maps, current and up-to-date, are to be provided to the Division as an attachment to this report in accordance with the requirements of R645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential.

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
Mine Map with Five Year Projected Plan	No mining since 3/15/2001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**REVIEWER COMMENTS**     Met Requirements                       Did Not Meet Requirements

N/A - No mining activity since 2001, and the mine is currently in temporary cessation.