



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 8, 2016

All Coal Operators

Subject: 2015 Coal Mining Annual Reports for Active and Inactive Coal Mines

Dear Mine Operator:

Enclosed, please find an electronic Annual Report document. You should be able to Save, and Email the form. When completed, it must be submitted to the Division *electronically* either by emailing the form with the associated report documents, uploading on the Division ePermitting site or by saving the form to a CD.

The 2015 Annual Report form includes entries for regulatory requirements, such as annual impoundment certification; however, many Mining and Reclamation Plans include unique, mine-specific commitments that also must be reported annually. Depending on the status of your mine (active or inactive), some of the sections of the annual report may not apply or may not require a response. Also, please be sure to submit the following items:

- 1) Raptor and archeology reports marked as confidential and in a separate folder marked confidential (R645-300-124.300);
- 2) Mine map identifying mining in 2015 as well as the mining proposed for the next five years [PE Certified] (R645-301-512 and R645-301-521); and
- 3) Notices of Proposed Mining sent to water conservancy districts and all owners and occupants of surface property above the underground workings (R645-301-525.700).

**Please submit the completed form by March 31, 2016.** If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron R. Haddock  
Coal Program Manager

DRH/ss



Print Form

Submit by Email

Reset Form

# Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by the date specified in the cover letter. During a complete inspection an inspector will check and verify the information.

## GENERAL INFORMATION

Company Name	<input type="text"/>	Mine Name	SUFCO Mine
Permit Number	C/041/0002	Permit expiration Date	<input type="text"/>
Operator Name	<input type="text"/>	Phone Number	<input type="text"/>
Mailing Address	<input type="text"/>	Email	<input type="text"/>
City	<input type="text"/>		
State	<input type="text"/>	Zip Code	<input type="text"/>

## DOGM File Location or Annual Report Location

Excess Spoil Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	<input type="text"/>
Refuse Piles	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	<input type="text"/>
Impoundments	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	<input type="text"/>
Other:	<input type="text"/>	<input type="text"/>

## OPERATOR COMMENTS

## REVIEWER COMMENTS

Met Requirements     Did Not meet Requirements

# 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: RAPTOR SURVEYS

**Objective:** To determine existence and status of raptor nests within 1/2 miles of surface mining activities or areas that may be impacted by subsidence. Any raptor nest that has the potential to be disturbed by subsidence will be evaluated with DWR and FWS and an appropriate plan of action will be developed on a case by case basis.

**Frequency:** Annually using aerial or ground surveys near the end of May.

**Status:** Ongoing

**Reports:** Annual

**Citation:** MRP, Volume 1, Chapter 3, page 3-9

Operator Comments

Reviewer Comments  Met Requirements  Did Not Meet Requirements

## Title: SUBSIDENCE MONITORING

**Objective:** To document the amount of subsidence that has occurred.

**Frequency:** Annually

**Status:** Ongoing

**Reports:** Annual

**Citation:** MRP, Volume 1, Chapter 5, page 5-29

Operator Comments

Reviewer Comments  Met Requirements  Did Not Meet Requirements

**Title: CLIMATOLOGICAL DATA**

**Objective:** Collect climatological data to aid in determining the impact to runoff, stream flow and local springs from mining.

**Frequency:** Annually

**Status:** Ongoing

**Reports:** Annual

**Citation:** MRP, Volume 2, page 7-51E

Operator Comments

Reviewer Comments  Met Requirements  Did Not Meet Requirements

**Title: Refuse Sampling**

**Objective:** To determine chemical characteristics of the waste and ensure burial beneath four feet of non-toxic, non-acidic material and protect surface and groundwater.

**Frequency:** Quarterly, during periods of deposition at the waste rock site.

**Status:** Ongoing

**Reports:** Annual, indicate frequency of sampling (#samples/volume).

**Citation:** Vol. 3. Chap. 5 Sec. 528.

Operator Comments

Reviewer Comments  Met Requirements  Did Not Meet Requirements

**Title: NORTHWATER SPRING MITIGATION**

**Objective:** Mitigation for water loss

**Frequency:** Annual

**Status:** Ongoing. By 2017, a perpetual maintenance agreement needs to be constructed between the Division, USFS and Sufco.

**Reports:** A report will describe conditions of water systems and future mitigation will be evaluated.

**Citation:** Vol. 3. Chap. 5 Sec. 528.

Operator Comments

Reviewer Comments  Met Requirements  Did Not Meet Requirements

**Title: Topsoil Sampling during Waste Rock construction**

**Objective:** To determine soil chemistry and nutrient status prior to disturbance. During each phase of construction, "a composite sample will be taken [of each soil map unit] during each phase and analyzed for the pH; % Saturation; EC; Soluble Na, K, Mg, Ca; Available N03-N; Available Phosphorus; Particle Size% very fine sand, sand, silt, clay; Organic Matter%; CaC03%; and Extractable Potassium."

Frequency: During each Phase of construction prior to soil salvage.

**Status:** During construction of each Phase of the Waste Rock site.

**Reports:** Appendix V

**Citation:** MRP Vol 3 Chap 2 Sec 222.400

Operator Comments

Reviewer Comments  Met Requirements  Did Not Meet Requirements

**Title: Topsoil Salvage**

**Objective:** Topsoil and subsoil salvage will be under the direction of a qualified person and will utilize pits or trenches to determine depth of salvage. "The quantity of topsoil/subsoil salvaged during the construction of the expanded WRDS will be determined by surveying the phased area prior to salvage and post salvage. The M&RP will be updated with as-built drawings, cross sections and a table( s) listing volumes of subsoil and topsoil stockpiles."

**Frequency:** During each Phase of construction within six months of completion of salvage

**Status:** During construction of each Phase of the Waste Rock site.

**Reports:** As Built drawings and updated narrative listing volumes salvaged

**Citation:** Vol 3. Chap 2. Sec. 231.100 and 242.100 page 2-22.

Operator Comments

Reviewer Comments  Met Requirements  Did Not Meet Requirements

# 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: COLOR INFRARED PHOTOGRAPHY**

**Objective:** To assess changes in vegetation due to mining. Photos submitted after 2008 must include an analysis between 2008 and current photos to assess changes in vegetation due to subsidence.

**Frequency:** Once every 5 years beginning in 2008.

**Status:** Due in 2018.

**Reports:** Annual

**Citation:** MRP, Volume 1, Chapter 3, page 3-45, Chapter 5, page 5-29

---

**Title: PROTECTION OF WILDLIFE DURING EXCLUSIONARY PERIODS**

**Objective:** To avoid disturbance to wildlife during critical periods of their life cycle. Surface activities are curtailed from Nov. 1-April 1, & May 1 and July 1 in the calving area, except in the portal areas, for wintering elk. Any maintenance requiring heavy equipt will require monitoring from Dec.1 -April 15 for big game winter range and from Jan.1-Aug15 for raptors.

**Frequency:** During surface disturbing activity

**Status:** When construction or mitigation activities during wildlife exclusionary periods

**Reports:** Not Required, Contact DOGM if disturbance occurs during exclusion period

**Citation:** MRP, Vol. 1, Ch.3, Pg. 3-42 through 3-44 and 3-9

---

**Title: VEGETATION SURVEY OF SOUTH FORK QUITCHUPAH**

**Objective:** To provide sufficient data to make a determination of the degree of impacts of subsidence on riparian vegetation.

**Frequency:** Surveys will be conducted the fifth year following undermining (2018)

**Status:** Ongoing, Reports were provided in 2013. Next report due 2018.

**Reports:** 2018, (Reports shall provide information and data collected before the area is mined, throughout the mining period, and after mining is past. Monitoring and data collection will continue until the mine, Division and Forest agree that mining impacts, if any, have occurred, have been mitigated, and no further impacts are anticipated. Two reports shall be provided and the Division will provide the second copy to the Fishlake National Forest.)

**Citation:** MRP, Volume 5, appendix 3-14 page 5

---

**Title: Topsoil sampling at reclamation**

**Objective:** "The topsoil will be tested for need of nutrients and soil amendments following application and grading at the rate of one sample/acre. The depth of sampling should be the surface six inches of distributed topsoil. Parameters for testing will include plant available nitrogen, phosphorus and potassium. Section 528 contains the sampling commitments for the placed waste rock. Application will be on an as needed basis as determined by the tests."

**Frequency:** Reclamation

**Status:** Reclamation

**Reports:** Confer with the Division and include in the Annual Report (where easily found at bond release)

**Citation:** Vol 3. Chap 2. Sec. 231.300 and Section 243.

**OPERATOR COMMENTS (OPTIONAL)**

**REVIEWER COMMENTS**

## 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

# 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
Annual subsidence map		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mine Map		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>

Reviewer Comments  Met Requirements  Did Not Meet Requirements