



Suzanne Steab <suzannesteab@utah.gov>

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## 2017 Annual Report Review Completion

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**Suzanne Steab** <suzannesteab@utah.gov>  
To: Kenneth Fleck <kenneth.fleck@pacificcorp.com>  
Cc: Keenan Storrar <kstorrar@utah.gov>

Wed, Jun 27, 2018 at 9:02 AM

The Division staff completed the review of the 2017 Annual Report for the Cottonwood/Wilberg 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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 **Cottonwood.pdf**  
34K

# 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	Interwest Mining Company	Mine Name	Cottonwood/Wilberg
Permit Number	C/015/0019	Permit expiration Date	7/6/2019
Operator Name	PacifiCorp	Phone Number	+1 (435) 687-4712
Mailing Address	15 North Main Street	Email	ken.fleck@pacificorp.com
City	Huntington		
State	Utah	Zip Code	84528

## DOG M File Location or Annual Report Location

Excess Spoil Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	
Refuse Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	
Impoundments	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Reports submitted to DOGM quarterly throughout 2017.
Other: Vegetation Monitoring		Refer to attachment A

## OPERATOR COMMENTS

Final reclamation of the mine site was in progress at the end of 2017. As of March 22, 2018, final reclamation of the Cottonwood/Wilberg Mine has been completed.

## 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
Raptor map		<input checked="" 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"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

The following detailed maps have been included in this annual report submission: Hydrologic Monitoring Map, Spring Map, Permit Boundary Map, Subsidence Monitoring Maps, a Final Production Map (with seals), and a confidential Raptor Map. Since the permit areas for Cottonwood and Deer Creek overlap, most relevant maps are shared. JE

## REPORTING OF OTHER TECHNICAL DATA

Please list attachments:

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.

Attachment A: Vegetation Monitoring Report

**REVIEWER COMMENTS**

A report titled "Vegetation Monitoring for Phase III Bond Release at the Leach Field for the Cottonwood Mine, Year One, 2017" by Mt. Nebo Scientific is included in the annual report. The report details vegetation monitoring for the leach field site in anticipation of Phase III bond release. The report includes a narrative of the methods used, data, results, photos, and discussion of the overall vegetative success of the leach field.

TM (6/1/18)

## **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: To evaluate vegetation success**

**Frequency: Annual**

**Status: Pending revegetation**

**Reports: All vegetation monitoring data will be reported annually. This report will contain a narrative of the actual monitoring methods used, results, and a discussion of the overall success or failure of each area. Raw data sheets will also be included in the annual reports.**

**Citation: V. 2, part 4, page 25, Figure 3**