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# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

July 1, 2014

Garth Nielsen, General Manager  
Savage Services Corporation  
901 W. Legacy Center Way  
Midvale, Utah 84047

Subject: 2013 Annual Report Review Completion, Savage Coal Terminal, C/007/0022, Task ID #4555

Dear Mr. Nielsen:

The Division staff has completed the review of the 2013 Annual Report. Enclosed is a copy of the review with each reviewer's comments completed on July 1, 2014.

Thank you for your diligence in completing the Annual Report. If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron R. Haddock  
Coal Program Manager

DRH/sqs  
Enclosure  
O:\007022.SAV\WG4555\ReviewCompletionLetter.doc

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# 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	Savage Services Corporation	Mine Name	Savage Coal Terminal
Permit Number	C/007/0022	Permit expiration Date	08/06/2014
Operator Name	Savage Coal Terminal	Phone Number	+1 (435) 637-5664
Mailing Address	P.O. Box 1001	Email	garthnielsen@savageservices.com
City	Price		
State	UT	Zip Code	84501

## DOGM File Location or Annual Report Location

Excess Spoil Piles

- Required
- Not Required

Refuse Piles

- Required
- Not Required

Included in Appendix A

Impoundments

- Required
- Not Required

Included in Appendix A

Other:

## OPERATOR COMMENTS

Reports included in Appendix A

## REVIEWER COMMENTS

- Met Requirements
- Did Not meet Requirements

The Permittee, Savage Services Corporation, submitted a permit renewal application to the Division on April 1, 2014 (Task ID # 4572). The current permit expires on August 6, 2014. Thus, the permit renewal application meets the 120 day requirement for timely submittals.

Appendix "A" contains four quarterly inspection reports for the Savage refuse disposal area for 2013, each of which have been P.E. certified by Mr. Dan W. Guy, Utah registered professional engineer. The refuse pile has been removed and sent to Sunnyside Co-generation Associates for the utilization of the contained BTU resource. The pile is gone, as noted by Mr. Guy's 3rd Quarter report. Appendix "A" contains Annual impoundment inspection reports for 2013 with P.E. certifications for ponds 1, 2, 3, 5 and 6 which are sediment containment ponds, as well as Annual reports / certifications for slurry cells 1, 2, 3 and 4. All impoundments were inspected

and certified on September 24, 2013 by Mr. Guy. All sediment ponds retain volume below the 60 % cleanout elevation; no hazardous conditions or signs of instability were noted for any of the sediment ponds. The four slurry cells are incised, and are used to re-capture effluent for re-cycling through the preparation plant. They do not capture surface runoff or treat it. No hazardous conditions were noted in any of Mr. Guy's inspection reports for slurry cells 1-4. All annual impoundment certifications (9 total) have P.E. certifications which meet the requirements of R156-22-601, P.E. Seal Requirements. (PHH, 4/2/2014)

The permittee submitted all quarterly refuse pile inspections for 2013. The permittee submitted only 3rd quarterly sediment pond inspection (annual inspection) which is P.E. certified. The permittee may have submitted the quarterly inspection to the Division quarterly as required by the R645 Coal Rules.

# 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: **NOXIOUS WEED CONTROL**

**Objective:** To control invasive species in and adjacent to the disturbed area. The permittee should obtain a list of noxious weeds from the county and invasive species from DWR.

**Frequency:** Ongoing treatment. Report annually

**Status:** Ongoing

**Reports:** Summarize treatment in Annual report.

**Citation:** MRP, Volume 1, Section 3.4.5.4 or .5, page 3-62a

### Operator Comments

Past removal of Tamerisk and Russian Olive. No new removal needed in 2013.

Reviewer Comments  Met Requirements  Did Not Meet Requirements

DOG M staff should visit the site in 2014 to evaluate the current status of these plants.

# 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: WASTE STREAM FROM PROCESSING PLANT**

**Objective:** Provide documentation of chemical characteristics of process waste returned to site through analysis of parameters.

**Frequency:** Sample every 5,000 tons returned to site.

**Status:** Ongoing, report required if waste is returned to site. Or, state if reported in Dugout Annual Report.

**Reports:** Submit Laboratory analysis sheets with annual report.

**Citation:** MRP, Volume 1, Chapter 5, Appendix 5-2.

**Title: FINAL RECLAMATION SOIL TESTING**

**Objective:** To ensure vegetation establishment

**Frequency:** At final reclamation

**Status:** At reclamation

**Reports:** Discussions with DOGM and laboratory analysis reporting required at final reclamation.

**Citation:** MRP, Volume 1, Chapter 5, Section 542.200, page 50

**Title: SEALING OF WELLS**

**Objective:** Permanent closure of wells using measures required by DOGM to prevent access and prevent contamination of ground water.

**Frequency:** Seal wells when no longer needed.

**Status:** Ongoing

**Reports:** Report status when mining is terminated or wells are no longer needed.

**Citation:** MRP, Volume 2, Chapter 6, Section 631, page 5, and Volume 1, Chapter 5, page 46.

**OPERATOR COMMENTS (OPTIONAL)**

One ground water monitoring well (S-2-GW) decommissioned and sealed in 2013 with Division approval.

**REVIEWER COMMENTS**

Abandonment of well S-2-GW was approved, and according to plan, would be cut off at least 6" below ground level and filled with sand to within 12" of the top of the pipe. The upper 12" of pipe would then be filled with concrete. (ad)

# 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:

N/A

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
N/A		<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"/>	<input type="checkbox"/>	<input type="checkbox"/>

Reviewer Comments  Met Requirements  Did Not Meet Requirements