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DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 1, 2014

Gerald Hascall, Plant Manager
Sunnyside Cogeneration Associates
One Power Plant Road
P.O. Box 159
Sunnyside, Utah 84539

Subject: 2013 Annual Report Review Completion, Sunnyside Refuse, C/007/0035, Task ID #4563

Dear Mr. Hascall:

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 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
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Print Form

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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	Sunnyside Cogeneration Associates	Mine Name	Sunnyside Refuse and Slurry
Permit Number	C/007/0035	Permit expiration Date	2018-02-04
Operator Name	Plant Manager - Gerald Hascall	Phone Number	+1 (435) 888-4476
Mailing Address	PO Box 159	Email	
City	Sunnyside		
State	UT	Zip Code	84539

DOGM File Location or Annual Report Location

Excess Spoil Piles

- Required
 Not Required

Submitted quarterly to DOGM

Refuse Piles

- Required
 Not Required

Submitted quarterly to DOGM

Impoundments

- Required
 Not Required

Submitted quarterly to DOGM

Other:

OPERATOR COMMENTS

All impoundments performed as designed with no discharges during 2013
 The refuse Pile is being excavated as intended and the Disposal Areas are being constructed in conformance with the approved plan
 SCA received renewal of its Title V air permit in 2013
 UPDES permit was renewed in 2013

REVIEWER COMMENTS

- Met Requirements Did Not meet Requirements

The sediment ponds were inspected in 2013 and P.E. certified on a quarterly basis. The 4th quarter 2013 sediment pond report is also the 2013 Annual Certification Report. The sediment ponds were inspected and certified by a Utah P.E. as follows: 1st quarter 2013 on March 28, 2013, 2nd quarter 2013 on June 27, 2013, 3rd quarter 2013 on September 26, 2013 and 4th quarter/annual 2013 on December 19, 2013. (KRH)

The excess spoil piles #1 and #2 were inspected and P.E. certified as follows: 1st quarter 2013 on March 28, 2013, 2nd quarter 2013 on June 27, 2013, 3rd quarter 2013 on September 26, 2013 and 4th quarter/annual 2013 on December 19, 2013. (KRH)

The refuse pile was inspected and certified as follows: 1st quarter 2013 on March 28, 2013, 2nd quarter 2013 on June 27, 2013, 3rd quarter 2013 on September 26, 2013 and 4th quarter/annual 2013 on December 19, 2013. (KRH)

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: ANNUAL RECLAMATION

Objective: To reclaim areas no longer needed for mining activities and to reduce the acreage under the currency reclamation cost estimate.

Frequency: Annually

Status: Ongoing, excess spoil pile #2 may have reached designed capacity in 2010.

Reports: Annual- Summary of Reclamation work and include vegetation monitoring reports (if any).

Citation: MRP, Book 6, Chapter 9, page 900-25, section 9.12, paragraph 2.

Operator Comments

The Phase 1 portion of the Excess Spoil Disposal Area #2 (which reached designed capacity) was reclaimed in 2011. Due to low precipitation in 2012, SCA seeded again in Fall 2012. Vegetation cover appears to be improving in 2013. SCA may request Phase 1 bond release for this area.

No other areas within the permit boundary are ready for reclamation.

Reviewer Comments Met Requirements Did Not Meet Requirements

The Division should schedule a site visit to evaluate the success of the companies seeding efforts.

Title: EXCESS SPOIL (REFUSE) SAMPLING

Objective: To evaluate the chemistry of the waste rock for the purpose of determining final cover depth requirement per R-645-301-553.252.

Frequency: After completion of each 2-4 ft. lift.

Status: Ongoing.

Reports: Annual report

Citation: MRP, Chapter 9, page 900-12 and Appendices 9.5 and 9-7.

Operator Comments

SCA completed sampling of material placed in the Excess Spoil Disposal Area #1 in 2012. SCA has also collected samples of the material placed in XS Spoil #2 Phase 2 in 2013. Samples were composited and tested at BYU soils lab for parameters and methods as directed by the Division. Test results are included with this Annual Report and also submitted to the Division with the 1st Quarter 2014 Inspection Reports.

Reviewer Comments



Met Requirements



Did Not Meet Requirements

Approximately 85,505 tons of excess spoil waste were placed in the Phase 2 Excess Spoil pile #2 during 2013. Analysis of the waste is found on p. 108 of the electronic copy of the 2013 Annual Report. The composite sample of the lift was analyzed by BYU Environmental Analytical Lab on May 12, 2014. The sandy loam material has a neutral pH, and contains adequate carbonate buffering capacity for the pyritic sulfur content. The waste is high in selenium and should be buried under four feet of cover. (PWB, 6/30/3014)

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: REFUSE SAMPLING PRIOR TO FINAL RECLAMATION

Objective: To sample the remainder of the refuse and slurry areas for acid/toxic parameters prior to final reclamation.

Frequency: Final Reclamation

Status: Ongoing

Reports: Annual

Citation: MRP, Chapter 7, Section 731.300 thru 731.320, page 700-15.

OPERATOR COMMENTS (OPTIONAL)

Surface sampling of refuse material remaining in the coarse refuse pile is scheduled to occur prior to final reclamation. No reclamation has occurred on the pile, hence the sampling program is deferred.

SCA has sampled other areas prior to final reclamation in past years. No acid/toxic concerns were noted.

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:

Sunnyside City climate data (temperature and precipitation) for 2013 is submitted with this report (The city weather station was out of order for portions of 2013 and that data is not available)
No subsidence monitoring is required
No raptor surveys are required
Quarterly water monitoring reports are submitted to the Division throughout the year
No Geological monitoring is required.
SCA burned 129,798 tons of material excavated from the Sunnyside site, in addition to material transported in from other locations.
Approximately 85,505 tons of material was placed in the Excess Spoil Disposal Area 2, Phase 2 area during the year.

Reviewer Comments

Climate data was submitted along with a summary of the water monitoring completed in 2013. The climate data provided by Sunnyside City was unavailable in August, part of October, November and December. (ad)

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	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mine sequencing plan is current in Permit documents	9-4	<input type="checkbox"/>	<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"/>

Reviewer Comments Met Requirements Did Not Meet Requirements

The required maps were included with the annual report. (JCO)