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State of Utah

DEPARTMENT OF NATURAL RESOURCES

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Division of Oil, Gas and Mining

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Outgoing
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June 24, 2013

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

Subject: 2012 Annual Report Review Completion, Sunnyside Cogeneration, C/007/0035, Task ID #4318

Dear Mr. Carter:

The Division staff has completed the review of the 2012 Annual Report. Enclosed is a copy of the review with each reviewer's comments completed on June 24, 2013.

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:\007035.SRS\WG4318\4318 CompletionLetter.doc

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

Mine Name

Permit Number

Permit expiration Date

Operator Name

Phone Number

Mailing Address

Email

City

State

Zip Code

DOGM File Location or Annual Report Location

Excess Spoil Piles

Required

Not Required

Refuse Piles

Required

Not Required

Impoundments

Required

Not Required

Other:

OPERATOR COMMENTS

All impoundments performed as designed with no discharges during 2012
The refuse Pile is being excavated as intended and the Disposal Areas are being constructed in conformance with the approved plan

REVIEWER COMMENTS



Met Requirements



Did Not meet Requirements

The sediment ponds and refuse pile were inspected during each quarter of the year. Refuse piles are required to be inspected quarterly and certified by a P.E. Sediment ponds need to be inspected quarterly and certified annually.

The 2012 annual report submission shows that the refuse pile was inspected and P.E. Certified on a quarterly basis. The report also shows that the sediment ponds were inspected and P.E. certified for each quarter of 2012. This exceeds the requirements for annual certification. (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 was reclaimed. Due to low precipitation in 2012, SCA seeded again in Fall 2012. 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

Reviewed by Priscilla Burton on 6/21/2012: Phase 1 reclamation of the Excess Spoil Disposal Area #2 was undertaken in late December 2011 and finished on February 8, 2012 when the site was seeded. The germination was poor and the site was reseeded on November 10, 2012 with a mix that included fourwing saltbush, alfalfa, shadscale, winterfat, intermediate wheatgrass, bottlebrush squirreltail, lewis flax, rubber rabbitbrush, palmer penstemon, and western yarrow. The seed mix is saved in the Incoming folder with the date 11162012.

(Please refer to Division inspection reports #2971 (12/28/12), #2977 (1/9/12), #2993 (1/20/2012), #2995 (1/27/2012), and #3009 (2/8/2012) for more information on the reclamation of Excess Spoil Pile #2.)

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. Samples were composited and tested at BYU soils lab for parameters and methods as directed by the Division. Test results are included in Appendix A of the Annual Report and also submitted to the Division with the 1st and 4th Quarter and Annual Inspection Reports.

Reviewer Comments

Met Requirements

Did Not Meet Requirements

Reviewed by Priscilla Burton on 6/21/2012. The Excess Spoil Pile #1 waste analysis are on pages 46 and 47 of the electronic copy of the Annual Report. BYU Soil and Plant Labs reported a sandy loam texture with neutral pH with no salinity or sodium hazard. The selenium concentrations of 0.22 and 0.47 are not desirable in the surface four feet of cover. Although it should be noted that background selenium in the alluvium cover material used to reclaim Spoil Pile #2 was between 0.01 and 0.15 ppm (RE: sample analysis received on 5/19/2011).



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.

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| 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. |
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OPERATOR COMMENTS (OPTIONAL)

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| 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. |
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REVIEWER COMMENTS

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| The permittee has met the annual report requirements. (JCO) |
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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 2012 is submitted with this report
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.

Reviewer Comments

The permittee has met the annual report requirements. (JCO)

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 permittee has met the annual report requirements. (JCO)