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DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 29, 2017

Patrick Collins, Resident Agent
Mr. Nebo Scientific
P.O. Box 337
Springville, Utah 84663

Subject: 2016 Annual Report Review Completion, Wellington Prep Plant, C/007/0012, Task #5373

Dear Mr. Collins:

The Division staff has completed the review of the 2016 Annual Report. Enclosed is a copy of the review with each reviewer's comments.

Thank you for your diligence in completing the Annual Report. If you have any questions, please call me at (801) 538-5350.

Sincerely,

Steve Christensen
Permit Supervisor

SKC/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	Price River Terminal, LLC	Mine Name	Wellington Preparation Plant
Permit Number	C/007/0012	Permit expiration Date	12/10/2019
Operator Name	Price River Terminal (PRT)	Phone Number	+1 (817) 717-1000
Mailing Address	3215 West 4th Street	Email	mt.nebo@xmission.com
City	Fort Worth		
State	Texas	Zip Code	76107

DOG M File Location or Annual Report Location

Excess Spoil Piles

- Required
- Not Required

Refuse Piles

- Required
- Not Required

Impoundments

- Required
- Not Required

Other:

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: Slurry pond refuse analysis

Objective: To determine the chemical characteristics of the waste being uncovered by re-mining.

Frequency: Every 5 years beginning in 2016 as described in Section 5.23

Status: Pending initiation of re-mining activity.

Reports: 2016 annual report

Citation: MRP Chapt. 5 Section 5.23

Operator Comments (Optional)

This sampling was accomplished in 2016. The following final report has been attached to this document:

Evaluation of Soils
Following Coal Fines Removal
in the Upper Slurry Pond Basin
at the
Wellington Preparation Plant

Reviewer Comments Met Requirements Did Not Meet Requirements

6/12/2017, PB. The commitment in Section 5.23 states that working areas will be sampled every five years, down to a depth of four feet. The 2016 sampling of re-exposed, buried soils, fulfilled that requirement for areas mined through 2016. Three soil samples were taken of the 11 acres of re-exposed soil in the upper refuse basin. Each sample was a composite of 48 inches of the soil profile. The three composite soil samples indicate that the soil is loam to silty loam in texture, with slightly alkaline pH. The SAR values of 4.66 and 5.36 in the South half of the re-exposed soil (Figure 1) are rated Fair. This soil is dominated by Mg and Na cations; the Mg/Ca ratio is 1.3 to 1.4. This combination may create impervious soil and reduced availability of calcium, a major plant nutrient. This soil would benefit from calcium addition and a complete fertilizer (containing the macronutrients N:P:K) application, since potassium, is also severely lacking in this soil. Photos that accompany the soil report show the soil to be compacted and massive in structure. In addition to contour ripping and organic matter additions to improve soil aggregation, the reclamation plan could include the introduction of rhizobium and mycorrhizae treated seed to build soil structure.

As re-mining has progressed, some areas of the upper refuse pond have been determined to be undesirable. These areas must also be sampled from 0-4 feet to provide information on the chemical characteristics of the mining waste remaining. The Permittee should map and sample these areas as well as re-exposed soil during the next sampling event in 2021.

FUTURE COMMITMENTS AND CONDITIONS

Although there are not any technical reports due for the current year, the following are 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: RIPARIAN AREA ENHANCEMENT

Objective: To enhance wildlife habitat in the riparian area within the permit area. Salt Cedars will be removed by cutting and herbicide application. Cottonwoods and willow cuttings (collected from upstream borrow area) will be planted in addition to the seed mix.

Frequency: N/A

Status: Due to the magnitude of tamarisk along the Price River, this commitment should be re-evaluated and other mitigation to enhance wildlife habitat at this site should be considered.

Reports: None

Citation: Volume I-A, Chapter 3, Section 3.42, pg. 2-3.

Title: AIR QUALITY

Objective: Should fines removal operations exceed 1,000,000 tons per year, PRT will submit an air pollution control plan.

Frequency: Once, if fine removal exceed 1,000,000 per year

Status: Have not met exceedance

Reports: Submit when approved by Division of Air Quality

Citation: Section 4.20, Page 1

Title: BASELINE WATER SAMPLING

Objective: Determine any changes in water quality data over time

Frequency: One year preceding permit renewal. Next baseline: 11/2018

Status: Have not met exceedance

Reports: Submit when approved

Citation: Section 4.20, Page 1

Operator Comments (Optional)

The Riparian Area Enhancement mentioned above has been re-evaluated by Lisa Reinhart (DOGM) and Patrick Collins (Mt. Nebo Scientific).

Reviewer Comments

The Future Commitments and Condition requirements outlined above have been addressed by the Permittee.

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:

- 1) Quarterly water monitoring is required at the site. Results from the laboratory analyses for this monitoring have been submitted to the DOGMs EDI system on a quarterly basis. The hard-copies of the lab work is also shown to DOGMs inspector during the quarterly complete inspections.
- 2) Certified Quarterly Refuse Pile inspection reports have been submitted in this document.
- 3) Certified Annual Pond Inspection reports have also been submitted herein.
- 4) Evaluation of Soils Following Coal Fines Removal in the Upper Slurry Pond Basin at the Wellington Preparation Plant

Reviewer Comments

The required inspection reports (i.e. quarterly refuse pile and sediment ponds) were conducted and provided by the Permittee with the Wellington Prep Plant 2016 Annual Report.

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
The Wellington MRP at the DOGM is current		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Reviewer Comments Met Requirements Did Not Meet Requirements

NA