

BHP Billiton Mine Management Company



May 27, 2014

BHP Billiton Limited  
BHP Billiton Mine Management Company  
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16 Miles South of Fruitland on CR 6675  
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Mr. Mychal Yellowman  
Navajo Mine Team Leader  
Office of Surface Mining Reclamation and Enforcement  
Western Region Program Support Division  
1999 Broadway, Suite 3320  
Denver, Colorado 80202-3050

14-05-28-02

**Re: Navajo Mine Permit Number NM-0003F; Rev 1404 Navajo Mine 2014 Permit Renewal Application**

Dear Mr. Yellowman,

BHP Billiton Mine Management Company (MMCo.) is submitting for your review and approval, seven (7) electronic copies of Rev 1404 Navajo Mine 2014 Permit Renewal Application. NM-0003F Permit Application Package expires on September 25, 2014. The renewal application is being filed pursuant to 30 CFR §774.15 Permit Renewal, prior to the 120 days required under 30 CFR §774.15(b) for permit renewal application.

MMCo. is requesting renewal of permit number NM-0003F for the permit term of September 25, 2014 to September 25, 2019. The renewal application package includes updated adjudication, ownership and control information, liability insurance, performance bond update for the proposed permit term and the proposed newspaper notice for the renewal.

MMCo. also made text changes in the permit to align with the new permit term.

Instructions for the replacement of updated permit contents follow:

**Part 1 Legal, Financial, Compliance, and Related Information**

**Section 1 Permitting History**

- Section 1 Permitting History text
  - Overwrite the entire Section 1 Permitting History text with the submitted Section 1 Permitting History text (word document).
- Section 2 Appendices
  - Overwrite Appendix 1.A Affidavit of Publication with the submitted appendix (pdf)

document).

## Section 2 Operation and Permit Description

- Section 2 Operation and Permit Description text
  - Overwrite the entire Section 2 Operation and Permit Description text with the submitted Section 2 Operation and Permit Description text (word document).
- Section 2 Tables
  - Overwrite Table 2-1 Navajo Mine Workforce by Class and Table 2-2 Navajo Mine Employee Residence by Vicinity with the submitted tables (word documents).
- Section 2 Exhibits
  - Overwrite Exhibit 2-1 Area 2 Permit Term Disturbance and Exhibit 2-2 Area 3\_4N Permit Term Disturbance Schedule with the submitted exhibits (pdf documents).

## Section 3 Permittee, Resident Agent, Payer of AML Reclamation Fees

- Section 3 Permittee, Resident Agent, Payer of AML Reclamation Fees text
  - Overwrite the entire Section 3 Permittee, Resident Agent, Payer of AML Reclamation Fees text with the submitted Section 3 Permittee, Resident Agent, Payer of AML Reclamation fees text (word document).

## Section 4 Permittee Ownership and Control

- Section 4 Permittee Ownership and Control text
  - Overwrite the entire Section 4 Permittee Ownership and Control text with the submitted Section 4 Permittee Ownership and Control text (word document).
- Section 4 Tables
  - Overwrite Table 4-1 Information for Entities with Ownership and Control Interest in Navajo Mine, Table 4-2 Other Permits Maintained by Navajo, Table 4-3 Other Permits Maintained by La Plata Mine, Table 4-4 Other Permits Maintained by San Juan Mine, and Table 4-5 Assigned MSHA Identification Numbers at Navajo Mine with the submitted tables (word documents).
- Section 4 Figures
  - Overwrite Figure 4-1 Owner Corporate Organizational Structure NTEC LLC and Figure 4-2 Operator Corporate Organization Structure BNCC with the submitted figures (pdf documents).
- Section 4 Appendices
  - Overwrite Appendix 4.A NTEC and MMCo Ownership and Control with the submitted appendix (pdf document).

## Section 5 Compliance Information

- Section 5 Compliance Information text
  - Overwrite the entire Section 5 Compliance Information text with the submitted Section 5 Compliance Information text (word document).
- Section 5 Appendices
  - Overwrite Appendix 5.A Notice of Violations with the submitted appendix (pdf document).

#### Section 6 Land Ownership and Control

- Section 6 Land Ownership and Control text
  - Overwrite the entire Section 6 Land Ownership and Control text with the submitted Section 6 Land Ownership and Control text (word document).
- Section 6 Exhibits
  - Overwrite Exhibit 6-2 Customary Use Area Sheet 1 of 2, Exhibit 6-2 Customary Use Area Sheet 2 of 2, Exhibit 6-3 ROW and Easements Sheet 1 of 2 and Exhibit 6-3 ROW and Easements Sheet 2 of 2 with the submitted exhibits (pdf documents).

#### Section 7 Liability Insurance

- Section 7 Liability Insurance text
  - Overwrite the entire Section 7 Liability Insurance text with the submitted Section 7 Liability Insurance text (word document).
- Section 7 Appendices
  - Overwrite Appendix 7.A Certificate of Liability with the submitted appendix (pdf document).

### **Part 3 Operations Plan**

#### Section 20 Mining Operations

- Section 20 Mining Operations text
  - Overwrite the entire Section 20 Mining Operations text with the submitted Section 20 Mining Operations text (word document).
- Section 20 Tables
  - Overwrite Table 20-3 Navajo Mine Typical Major Mining Equipment, Table 20-4 Areas Mined by Year, and Table 20-5 Anticipated Tonnage to be Mined for Each Fiscal Year with the submitted tables (word documents).

#### Section 22 Support Facilities

- Section 22 Support Facilities text
  - Overwrite the entire Section 22 Support Facilities text with the submitted Section 22

Support Facilities text (word document).

- Section 22 Tables
  - Overwrite Table 22-7 Topdressing Stockpile Approximate Volume and Table 22-8 Miscellaneous Mitigation Area Capacities with the submitted tables (word documents).

#### Section 23 Roads

- Section 23 Tables
  - Overwrite Table 23-1 Primary Roads with the submitted table (word document).

### **Part 4 Sediment Control Plan**

#### Section 25 Sediment Control Plan

- Section 25 Exhibits
  - Overwrite Exhibit 25-2 Area 1 Revegetated Areas, Exhibit 25-3 Area 2 Revegetated Areas, and Exhibit 25-4 Area 3 Revegetated Areas with the submitted exhibits (pdf documents).

#### Section 26 Drainage Control Plan

- Section 26 Drainage Control Plan text
  - Overwrite the entire Section 26 Drainage Control Plan text with the submitted Section 26 Drainage Control Plan text (word document).
- Section 26 Tables
  - Overwrite Table 26-5.1 Area 3 Lowe Hole 3 Pond 2, Table 26-5.2 Area 3 Lowe Impoundment 1, Table 26-5.3 Area 2 Barber Stockpile Pond 2, Table 26-5.4 Area 2 Barber Stockpile Pond 3, Table 26-5.5 Area 2 South Barber Pond, Table 26-5.6 Area 3 Collyer Road Pond 4, Table 26-5.7 Area 1 Emmas Pond, Table 26-5.8 Area 2 Hosteen Stockpile Pond 1, Table 26-5.9 Area 2 Hosteen Stockpile Pond 2, Table 26-5.10 Area 2 Hosteen Stockpile Pond 3, Table 26-5.11 Area 3 Lowe Railroad Impoundment 1, Table 26-5.12 Area 3 Lowe Railroad Impoundment 2, Table 26-5.13 Area 3 Lowe Stockpile Pond, Table 26-5.14 North Pinto Pond, Table 26-5.15 Area 1 North Pond Cell A\_B\_C Combined, Table 26-5.16 Area 1 North Pond 1 Cell A, Table 26-5.17 Area 1 North Pond 1 Cell A2, Table 26-5.18 Area 1 North Pond 1 Cell B, Table 26-5.19 Area 1 North Pond 1 Cell C, Table 26-5.20 Area 1 Pond 5, Table 26-5.21 Area 3 Northwest Dixon, Table 26-5.22 Area 3 South Dixon Pond 1, Table 26-5.23 Area 3 South Dixon Pond 2, Table 26-5.24 Area 3 South Dixon Pond 3, Table 26-5.25 Area 3 Southwest Dixon Pond, Table 26-5.26 Area 1 Vinnel Pond, Table 26-5.27 Area 2 Block C Pond 1, Table 26-5.28 Area 2 Block C Pond 2, Table 26-5.29 Area 2 Block C Pond 3, Table 26-5.30 Area 3 Lowe Hole 3 Pond 3, Table 26-5.31 Area 2 Mason Pond, Table 26-5.32 Area 2 Employee Coal Dump, Table 26-5.45 Area 3 Pond 301, Table 26-5.46 Area 3 Pond 302, Table 26-5.47 Area 2 Block C Pond 4, Table 26-5.48 Area 3 Pond 309A, Table 26-5.49 Area 3 Pond 309B,

Table 26-5.50 Area 4 North Pond 414, and Table 26-5.52 Area 3 Pond 306 with submitted tables (word documents).

## **Part 5 Reclamation Plan**

### **Section 32 Temporary Structures and Facilities Removal and Reclamation**

- Section 32 Temporary Structures and Facilities Removal and Reclamation text
  - Overwrite the entire Section 32 Temporary Structures and Facilities Removal and Reclamation text with the submitted Section 32 Temporary Structures and Facilities Removal and Reclamation text (word document).
- Section 32 Appendices
  - Overwrite Appendix 32.A Bond Calculation Worksheet Worse Case Bond Scenario 2014 with submitted exhibit (pdf document).

### **Section 34 Post-Reclamation Topography**

- Section 34 Post-Reclamation Topography text
  - Overwrite the entire Section 34 Post-Reclamation Topography text with the submitted Section 34 Post-Reclamation Topography text (word document).

### **Section 36 Post-Reclamation Soil**

- Section 36 Post-Reclamation Soil
  - Overwrite the entire Section 36 Post-Reclamation Soil text with the submitted Section 36 Post-Reclamation Soil text (word document).
- Section 36 Tables
  - Overwrite Table 36-1 Topdressing Resources at Navajo Mine and Table 36-3 Mitigation Resources at Navajo Mine December 2003 with submitted tables (word documents).

### **Section 37 Post-Reclamation Vegetation**

- Section 37 Exhibits
  - Overwrite Exhibit 37-1 Navajo Mine Reference Area with submitted exhibit (pdf document).

## **Part 7 Bonding**

### **Section 50 Bonding**

- Section 50 Bonding text
  - Overwrite the entire Section 50 Bonding text with the submitted Section 50 Bonding text (word document).
- Section 50 Tables

- Overwrite Table 50-1 Reclamation Bond Summary and Table 50-2 Reclamation Bond Adjustment Summary with submitted tables (word documents).
- Section 50 Appendices
  - Overwrite Appendix 50.A Topography Channel Stabilization Bond Reclamation 2014 with submitted exhibit (pdf document).
- Section 50 Exhibits
  - Overwrite Exhibit 50-1 Area 2 Hosteen Yazzie Area Post Mining, Exhibit 50-2 Area 2 Mason Barber Areas Post Mining, Exhibit 50-3 Area 3 Lowe Dixon Post Mining Configuration, Exhibit 50-4 Area 4N Post Mining Configuration, Exhibit 50-5 Area 1 Pinto Post Mining Configuration, Exhibit 50-6 Area 2 Hosteen Yazzie North Bond Surface Configuration, Exhibit 50-7 Area 2 Mason Barber South Bound Surface Configuration, Exhibit 50-8 Area 3 Lowe Dixon Bond Surface Configuration, Exhibit 50-9 Area 4N Bond Surface Drop Structure Watershed, Exhibit 50-10 Area 1 Pinto Bond Surface Configuration, Exhibit 50-11 Area 2 Hosteen Yazzie Cut Fill Contours, Exhibit 50-12 Area 2 Mason Barber Cut Fill Contours, Exhibit 50-13 Area 3 Lowe Dixon Cut Fill Contours, Exhibit 50-15 Area 2 Hosteen Yazzie Cut Fill Contours, Exhibit 50-16 Area 2 Mason Barber Cut Fill Contours, Exhibit 50-18 Area 2 Hosteen Yazzie Topdressing Replacement, Exhibit 50-19 Area 4N Cut Fill Blocks Bond Scenario 2014, Exhibit 20-21 Area 2 Mason Barber Topdressing Replacement, Exhibit 50-22 Area 3 Lowe Dixon Topdressing Replacement, Exhibit 50-23 Area 2 Hosteen Yazzie Bond Spoil Mitigation, Exhibit 50-24 Area 2 Mason Barber Bond Spoil Mitigation, Exhibit 50-25 Area 3 Lowe Dixon Bond Spoil Mitigation, Exhibit 50-26 Area 4N Topsoil Replacement Bond, Exhibit 50-27 Area 4N Bond Spoil Mitigation, Exhibit 50-28 Area 1 Topdressing Replacement, and Exhibit 50-29 Area 1 Bond Spoil Mitigation with submitted exhibits (pdf documents).
  - Remove Exhibit 50-14 Area 1 Pinto Cut Fill Contours from permit.
  - Add Exhibit 50-17 Area 3 Lowe Dixon Cut Fill Blocks to permit.

If you have any questions regarding this application package, please contact Vivie Melendez at 505-598-3284.

Sincerely,



**Steven Perkins**  
Superintendent Environmental Permitting and Technical Services

cc. Samuel Woods, NTEC Acting Management Committee Executive  
enc. Flash drives with 2014 Navajo Mine Permit Renewal Application