



STATE OF
COLORADO

Ridley - DNR, Hunter <hunter.ridley@state.co.us>

Adequacy Review #2, RN08 Foidel Creek Mine (C-1982-056)

1 message

Ridley - DNR, Hunter <hunter.ridley@state.co.us>

Mon, Jun 12, 2023 at 3:46 PM

To: "Kawcak, Miranda" <mkawcak@peabodyenergy.com>

Miranda,

Please find attached the Division's 2nd adequacy review response for the Foidel Creek Mine RN08. Let me know if you have any questions.

Kind regards,
Hunter Ridley
Environmental Protection Specialist



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

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AdequacyRev#2_FoidelCreek.pdf

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COLORADO

Division of Reclamation,
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

June 12, 2023

Miranda Kawcak
Twentymile Coal, LLC
29515 Routt County Road #27
Oak Creek, CO 80467

**RE: Foidel Creek Mine; (Permit No. C-1982-056); Permit Renewal No. 8 (RN-8)
Adequacy review #2**

Dear Ms. Kawcak:

The Colorado Division of Reclamation, Mining, and Safety (Division) has reviewed the above referenced permit renewal adequacy review response letter and material submitted. The following is a list of the adequacy review items from the Division's January 10, 2023 first adequacy review letter followed by the response provided by Twentymile Coal, LLC (TC). If additional information or revision is required it will be noted. If an item is resolved, that will be indicated.

1. The Division found the application for RN-8 complete on November 21, 2022. Upon completeness Twentymile Coal is required to publish a Public Notice for four consecutive weeks which will initiate a 30 day comment period from the date of the last publication. As of the date of this letter, the Division has yet to receive a proof of publication of the public notice for RN-8. Please provide the Division a copy of the public notice to ensure that the Public Notice was published as required.
 - a. TC Response: The proof of publication is attached with this submittal.
 - b. Division Response: Resolved**

2.03.4 Identification of Interests

2. Please review ownership and control information provided in Section 2.03.4(3) of the permit and Exhibit 47 and provide any necessary updates.
 - a. TC Response: Exhibit 47 has been updated and provided with this submittal.
 - b. Division Response: Resolved**
3. The following entities are depicted on Map 1; Surface Ownership Map, but are not listed in Section 2.03.4(6)(a) of the application: Garell, Lynne; LJR Farms, LLC; Cross Mountain Ranch Limited Partnership; Layne, Larry & Elise (JT); Gary M & Shirley S. Despain Revocable Trust. Please provide the information required by Rule 2.03.4(6)(a) and 2.03.4(7) for these entities/persons.



- a. TC Response: Map 1 and Section 2.03.4(6)(a) has been updated and attached with this submittal.
- b. Division Response: Resolved**
- 4. Surface owner 'John McCollister, Trustee of...' is misspelled on Map 1 as 'McCallister, John'. Please correct this information when updating Map 1.
 - a. TC Response: This property parcel has been sold the Camellitti & Sons, Map 1 has been updated to reflect this.
 - b. Division Response: Resolved**
- 5. Please review and update the Surface Ownership information provided in Section 2.03.4(6)(a) in relation to Map 1. Please ensure that any entity/person that is listed in this section of the permit has their property correctly depicted and labeled on Map 1.
 - a. TC Response: Section 2.03.4(6)(a) has been update to reflect the updated Map 1.
 - b. Division Response: Resolved**
- 6. Map 2; the Coal Ownership map depicts the boundaries of the coal ownership areas and labels each area with their respective owner. Section 2.03.4(6)(a) and (b) of the permit has a list of the Coal Ownership within the Life of Mine Permit Boundary. This list does not appear to include all of the names of the coal owners depicted on Map 2, e.g. update if Male, David & Linda lease has been approved. Please review and update the Coal Ownership information in section 2.03.4(6)(a) and (b) on page 2.03-15 to list all owners that are shown within the permit boundary.
 - a. TC Response:
 - i. All Coal Ownerships depicted on Map 2 are correctly shown starting on Page 2.03-15 for the areas within the Mine Boundary. No changes are warranted for Map 2.
 - ii. The Laserfiche 2.03 file has old page numbers and causes confusion. Please remove page 2.03-33.1, 33.4, 33.5, 35.1, 36 (RN-06), 36.1, and 37.1.
 - b. Division Response: Resolved**

2.03.5 Compliance Information

- 7. Please update Section 2.03.5(3) of the application to add or delete any information about violations received more than three years ago.
 - a. TC Response: No violation have been received in the last three years by Twentymile Coal, LLC. The 2.03 text has been updated to reflect this information.
 - b. Division Response: Resolved**

2.03.6 Right of Entry Information

8. In section 2.03.6 of the permit, for documents # 21 (Mining Lease; January 15, 1982), #22 (State of Colorado Coal Mining Lease 530/13-S; November 12, 199), #23 (Mining Lease; December 27, 2006), #24 (Easement; March 14, 1983), #27 (Option to Purchase Coal; November 14, 1983), and #28 (Mineral Deed; January 24, 1974), please revise the pages to indicate if the right-to-enter applies to surface or mineral rights or both.
 - a. TC Response: Section 2.03.6 has been updated to reflect the right-to-enter information and has been attached with this submittal. Below is a summary of the updates:
 - b. i. #21-Mineral
 - c. ii. #22-Surface & Mineral
 - d. iii. #23-Mineral, (Legal description also corrected)
 - e. iv. #24-Surface
 - f. v. #27-Mineral (Peabody Purchased)
 - g. vi. #28-Mineral
 - h. **Division Response: Resolved**
9. The Division could not locate in section 2.03.6 of the permit a citation of the document upon which TCC indicates that they have the right-to-enter and conduct mining operations in the following portions of the Permit Boundary:
 - a. N2 NW/4 of section 25 of Township 5 North, Range 86 West.
 - i. TC Response: This section is within our permit boundary but not our future mine plan. TC has no plans for this area.
 - ii. **Division Response: Resolved**
 - b. SE/4, E/2SW/4 of Section 22, Township 5 North, Range 87 West.
 - i. TC Response: This section is within our permit boundary but not our future mine plan. TC has no plans for this area.
 - ii. **Division Response: Resolved**
 - c. N/2, N/2N/2S/2 of Section 36, Township 5 North, Range 87 West.
 - i. TC Response: This section is within our permit boundary but not our future mine plan. TC has no plans for this area. The Coal is Federal coal that was part of a previous lease that has been relinquished since due to the mine plan.
 - ii. **Division Response: Resolved**

Please update section 2.03.6 to provide this information.

2.03.10 Other Licenses and Permits

10. In section 2.03.10 of the permit, please provide an issuance date/date of approval for the NPDES Permit and Well Permits in accordance with Rule 2.03.10(4). Please also revise the section if necessary to document any new permits obtained or provide proof of renewal of permits currently held.

- a. TC Response: TC's NPDES permits have been in administration since 2012, New permits are expected anytime. Section 2.03.10 has been update to reflect this. There are no updates to the well permits.

b. Division Response: Resolved

11. Please clarify if the Exhibit 30 NPDES CO-0027154 permit which expired in 2013 is currently in the process of renewal, has expired and needs to be reissued, or give justification if the permit is no longer needed.

- a. TC Response: All NPDES permits for the Foidel Creek mine site are under administrative extension. CDPHE is currently reviewing the permits and preparing new permits.

b. Division Response: Resolved

2.04.7 Hydrology Description

12. In accordance with Rule 2.04.7(1)(a)(iv), ownership, uses and location information for all existing wells, springs and other developed ground water resources must be included in the permit application package. Please address the following issues:

- a. Wells within the Permit Boundary are referenced to be listed in revised Table 9 for groundwater. Page 2.04-39 references an updated Table 9. This Table was said to have been updated as part of Permit Renewal No. 7. However, the Division's current PAP is missing Table 9. Please provide the referenced updated Table 9 for insertion in the PAP.
 - i. TC Response: Updated table from RN7 is attached with this submittal. No further updates are necessary at this time.
 - ii. **Division Response: Resolved**

2.04.11 Fish and Wildlife Resources

13. Please update the list of the Federal and State listed species of concern (Threatened, Endangered and Candidate species) contained in Exhibit 23 that may be found within the permit area. For any new species not discussed in the relevant permit sections, please update permit section 2.04.11 and the Fish and Wildlife Protection Plan in section 2.05.6 of the permit in accordance with Rule 2.05.6(2)(a)(iii). To find the most up to date lists, the following websites may be useful;

USFWS-

<http://www.fws.gov/endangered/>

CPW-

<http://cpw.state.co.us/learn/Pages/SOC-ThreatenedEndangeredList.aspx>

- a. TC Response: A new Exhibit 23 has been created with this submittal. The new exhibit combines the state and federal protection list for a more simplified exhibit. New Exhibit 23 attached with this submittal.
- b. **Division Response: Resolved**

2.05.2 Operation Plan - Estimated Area for Life of Operation

14. Approved Map 23B shows the five-year mining plan for Foidel Creek Mine, Wolf Creek Mine section. Currently, the Division holds two files labeled 'Map 23B Mine Plan' in the public file. One file, from 2/8/2019 and is listed as a permit file while the other, from 8/8/2018, is listed as a revision. The most recent version of Map 23B (2019) only shows the mining plan up until 2021. However, the 2018 revision file shows the mining plan until 2030- which is sufficient for the Divisions requirements in Rule 2.05.2. Please advise the Division on which version of Map 23B is accurate. If neither currently available Map 23B are correct, or the 2019 version of Map23B is most accurate, the Division requests an updated Map 23B and related text which shows the Mine Plan extending to at least the next midterm review (2026) or, preferably, the next renewal (2028).
- a. TC Response: TC is working to update Map 23B and will submit it to DRMS as it become available. TC is in the process of analyzing the coal market and the demand for export coal to determine a mine plan that is fitting for our mine and the economy. This map will be submitted at later date as a Minor revision.
 - b. **Division Response: An update to Map 23B which significantly changes the mining plan will need to come in as a separate revision, as noted in TC's response. However, for the purpose of this renewal and to complete the public file, the Division will require submission of an updated Map23B which shows TC's current mine plan to date. If the version of Map23B which was submitted with RN07 and shows plans out to 2030 (attached) is most accurate, please inform the Division of this so it can be added to the permit file to replace the current version of Map23B listed in the PAP which only lists out plans to 2021 (attached).**

2.05.3 Operation Plan - Permit Area

15. As required by Rule 2.05.3(a), narrative and maps to meet the standards prescribed in 2.10, describing the location, construction, modification, use, maintenance and removal of mine facilities in the permit area including all buildings, structures and utility corridors must be updated within the PAP. While the associated map (Map 24, Surface Facilities) is available and up to date in the PAP, the associated table (Table 49b, Mine Facilities Summary) is either out of date or not available within the PAP. Please provide a replacement Table 49b to update the PAP.
- a. TC Response: Table 49b has been updated and attached to this submittal. The COC has also been updated to reflect this table.

b. Division Response: Resolved

16. In accordance with Rule 2.05.3(1), please provide the Division with an updated Table 46 Production Schedule for the site. The most recent Table 46 in the PAP only shows production through 2015.

a. TC Response: CONFIDENTIAL Table 46 has been updated and attached to this submittal.

b. Division Response: Resolved

2.05.4 Reclamation Plan

17. The Division is currently updating the reclamation cost estimate for the 2022 Foidel Creek Mine Permit Renewal, RN-8. This updated estimate will be provided to Twentymile Coal upon completion and may be revised based on adequacy responses provided by Twentymile Coal. The estimate includes reclamation tasks identified in the permit that were updated with revision to the permit since the 2020 Midterm Review Cost Estimate.

a. TC Response: No response

b. Division Response: Resolved

This concludes the Division's review of the permit renewal adequacy review response letter dated January 10, 2023. The decision date for this revision is July 1, 2023. If you have any questions, please contact me.

Sincerely,



Hunter C. Ridley
Environmental Protection Specialist

CC: Michael Cunningham, DRMS