



Twentymile Coal, LLC

29515 Routt County Road 27
Oak Creek, CO 80467
970.879.3800

February 08, 2022

Ms. Tabetha Lynch
Environmental Protection Specialist
Division of Reclamation, Mining, and Safety
1313 Sherman Street - Room 215
Denver, Colorado 80203
(970) 866-3567 X8147

Re: Twentymile Coal, LLC (TC) – Foidel Creek Mine (C-82-056), 2021 Annual Reclamation Report

Dear Ms. Lynch:

Enclosed is the 2021 Annual Reclamation Report (ARR) for the Foidel Creek Mine. During 2021, a few activities were permitted and initiated under Technical and Minor Revision approvals (summarized as follows), with all of the permitted activities occurring within the existing Permit Area and most within existing disturbance areas, with changes in acreage noted below:

- TR21-96 - Bond Reduction. (Submitted 03/11/2021 and approved 07/02/2021, no change in acreage)
- MR21-318– 15LT Thickener Underflow Pad Site Modification (Submitted 06/22/2021 and approved 07/02/21, no new disturbance)
- MR21-319 – 18LT Dewatering Borehole, pad site, pipeline, powerline, and road (Submitted 07/27/2021 and approved 08/06/2021, 3.0 acres new disturbance)
- TR21-97 – 7East Cross Entries Borehole, Pad Site, and Road (Submitted 07/01/2021 and approved 09/22/2021, 9 acres new disturbance)

Changes in permitted, disturbed, and affected area acreages during 2021 included a total increase of 12 acres for permitted disturbed acreage resulting in a total of 798.8 acres disturbed. No additional acreage was added to the affected area or the permit boundary during 2021, keeping the total at 22,647 acres and 19,996.33 acres, respectively. Please refer to the latest maps and text associated with the revisions referenced above, for specific details.

Key mining and related activities occurring during 2021 included:

- Ongoing development and longwall mining operations in the Wolf Creek Reserve
- Ongoing refuse placement activities.
- Sedimentation Ponds B, D and E were dredged to remove accumulated sediment as part of our ongoing drainage maintenance program

- Dewatering on the New West Mining District commenced.
- 6MN passive treatment system continue to develop.
- On-going CDPHE discharge permit application updates.

Under our ongoing noxious weed control program, TC contracted with Osborne Industries to complete noxious weed control spraying for both active and bond-released areas (approximately 100 acres), consistent with the approved Noxious Weed Control Plan (MR06-206). Areas sprayed for weeds are shown on the most recent map 29, Reclamation Map, and/or listed as follows (spot or area spraying, as appropriate):

- Substations electrical installations, propane storage areas, and surface conveyors (bare-ground spraying to address combustion hazard per MSHA)
- Both sides (approximately 30 to 40 feet) of facility roads
- Soil stockpiles
- Facility pad areas (e.g. 9RT, 10RT, 5MN, 6MN, 13LT, Fish Creek Borehole, 16LT, 18LT)
- Select areas on CRDA and associated soil/cover material stockpiles
- Pond embankments and perimeters

The spring spraying program (June) focused on spot or area spraying for control of white-top (hoary cress), houndstongue, knapweed, and mullein using Escort, Liberate, and 2,4D. The fall spraying program (August - September) focused on control of thistle, any residual weeds, and toadflax, which had previously been found on the site only as small, isolated occurrences, using 2,4D in combination with Tordon. Spraying was also conducted during the fall, within and around electrical installations, conveyors, and propane storage areas using Esplanade, Buccaneer, and Piper to eliminate all vegetation, as a fire-safety and MSHA consideration. Also part of the fall weed spraying is application towards all thistle varieties. As part of our ongoing land management programs, TC conducted managed livestock grazing activities (approximately 2,000 steers) on the bond-released areas.

There are several areas on the attached “2021 Annual Reclamation Report Disturbed Acreage” summary that are identified as “Reclaimed”. These areas have previously been regraded and stabilized with vegetation, however, TC has not pursued bond release for these areas due to the potential for re-disturbance in conjunction with required access and site maintenance activities.

Permit approvals and updated bond calculations during 2021 resulted in an overall increase in bond (\$1,157,805.74), increases in the calculated reclamation liability and required surety coverage, summarized as follows:

- TR21-96 – Bond Reduction and Circes Update (+\$1,100,095.74)
- MR20-317 – 18LT Dewatering Borehole Site (+\$20,828)
- TR21-97 – Cross Entries Borehole Site (+\$36,882)

Attached is the standard form (CDRMS) Annual Reclamation Report for 2021 and an updated disturbance summary. If you have any questions or require further information, please feel free to contact me directly at (970) 870-2718.

Sincerely,

For Twentymile Coal, LLC

Miranda Kawcak

Miranda Kawcak
Manager Environmental

Attachments

cc: Nick Aromando/TC