



Julie Mikulas
Regional Land Manager

May 5, 2025

Mr. Patrick Lennberg
Division of Reclamation Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

RE: M-2009-082 Response to Adequacy Review No. 1 for TR-2

Dear Mr. Lennberg:

As a follow-up to your adequacy review, please consider the following:

Item 1

The Exhibit C and Exhibit F maps are not consistent with one another. The Exhibit C maps indicate the areas where oil and gas encumbrances have been removed and will be mined through. However, the Exhibit F maps show the encumbrances remaining. Please update the Exhibit F maps to reflect their removal.

Response: Exhibit F maps have been updated.

Item 2

Based on item #1 above, please provide an estimate, in feet, of each proposed water resource pond perimeter. The perimeter length will be used to refine the reclamation cost estimate for slurry wall installation at the site.

Response: We currently are not planning on installing slurry walls, there should be sufficient material on site to make all clay liners. In any case, the perimeter of Cell 1 will be approximately 6022 lineal feet and Cell 4 will be approximately 7299 lineal feet. Cell 2 is 4892 lineal feet and has been completed with a clay liner and the liner has been approved by the SEO. See the enclosed letter.

Item 3

The mining limits in the Exhibit C maps need to be updated to reflect the removal of the oil and gas encumbrances.

Response: Exhibit C maps have been updated.

Item 4

Based on the current conditions at the site, please provide information on where and total length of slurry walls currently installed, if any.

Response: No slurry walls are currently installed or planned to be installed.

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Item 5

Please provide the dimensions (width and height) of the conveyor system used at the site. Additionally, please affirm the dimensions of the conveyor crossings are consistent with those provided in the original permit documents.

Response: The north conveyor crossing across CR 25 is no longer needed and has been removed from the City of Greeley Right of Way. The south conveyor crossing is still in use. A copy of the City of Greeley Right of Way permit is attached which includes the design for width and height. The conveyor crossing over Weld County Road 25 is 100 feet wide and the bottom of the conveyor bridge sits approximately 19 feet above the road elevation as required by the City of Greeley. Most of the field conveyor sits about 5 feet off the ground.

Item 6

The Mining Plan Map needs to show the approximate location of the conveyor belt alignment across the site and provide an estimate of the maximum length that will be installed at any one time.

Response: Exhibit C has been updated to show the location of the conveyor. Once mining of M-2022-042 is completed west of this permit, we will begin pulling the conveyor back towards the plant area. The maximum length is 5500 feet now that mining on Phase 5 is completed.

Item 7

Is the Operator still planning on mining Phase 5C? If not, then the maps need to be updated to reflect this change.

Response: Phase 5C is no longer planned to be mined. It has been removed from the revised Exhibit C and F

Item 8

A review of aerial imagery for the site, dated September 2024, indicates that mining activities have occurred within 200 feet of the river, e.g. Phase 5A near MW-11, Phase 4C, and 1C. As stated in Exhibit E all mining activities will be set back a minimum of 200 feet from each site of the river.

Response: For Phase 5A near MW-11, no mining has occurred, the disturbance is an overburden pile that will be used to finish reclamation of Phase 5A. Phase 4C and 1C were mined based on the approved plan and location of the river at the time. Since the flooding of the river over the years, the river has moved closer to mining operations which was the purpose of the setback. No permanent structures have been installed or are planned to be installed. Reclamation will include backfilling to 400 feet of the river as it sits today and not as was shown for the river location in 2009.

Item 9

Please provide the details for construction of the inflow/outflow structures.

Response: There will be no inflow/outflow structures. Reclamation has been revised to backfill all areas to 400' from the top of the riverbank.

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Item 10

Please note, pursuant to rule 6.2.1(2) all maps and figures submitted must comply with the following requirements:

Maps, except the index map, must conform to the following criteria:

(a) show name of Applicant; (b) must be prepared and signed by a registered land surveyor, professional engineer, or other qualified person; (c) give date prepared; (d) identify and outline the area which corresponds with the application; (e) with the exception of the map of the affected lands required in Section 34-32.5-1 12(2)(d), C.R.S. 1984, as amended, shall be prepared at a scale that is appropriate to clearly show all elements that are required to be delineated by the Act and these Rules. The acceptable range of the map scales shall not be larger than 1 inch = 50 feet nor smaller than 1 inch = 60 feet.

Response: Maps have been revised to comply with the above comments.

Please give me a call (970-407-3631), if additional information is needed for you to complete your review.

Sincerely,

A handwritten signature in cursive script that reads "Julie Mikulas".

Julie Mikulas
Regional Land Manager