



STATE OF
COLORADO

Lennberg - DNR, Patrick <patrick.lennberg@state.co.us>

Preliminary Adequacy Review, TR-1, Windsor East Mine, M2022-042

Julie Mikulas <Julie.Mikulas@martinmarietta.com>
To: "Lennberg - DNR, Patrick" <patrick.lennberg@state.co.us>

Sun, Dec 15, 2024 at 11:07 PM

Responses attached.

From: Lennberg - DNR, Patrick <patrick.lennberg@state.co.us>
Sent: Tuesday, December 3, 2024 10:18 AM
To: Julie Mikulas <Julie.Mikulas@martinmarietta.com>
Subject: Preliminary Adequacy Review, TR-1, Windsor East Mine, M2022-042

EXTERNAL SENDER – PLEASE ASSESS AND VERIFY

[Quoted text hidden]

3 attachments



M-2022-042 DRMS TR-1 Letter 2024-12-15.pdf
127K



M-2022-042 Exhibit G Table 5 revised.pdf
72K



M-2022-042 DRMS TR-1 Extension Request 2024-12-15.pdf
87K

December 15, 2024

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

RE: Windsor East Mine, M-2022-042, Adequacy Response 1

Dear Mr. Lennberg:

In follow-up to your letter dated December 3, 2024 below are responses to your requested clarifications and items needing addressed:

1. Please provide an explanation as to why only three duplicates were collected when five should have been collected.

We were not aware when we started the sampling in 2022 that duplicates were required. It was brought to our attention during the adequacy reviews of our application that duplicates should be included, and we got it corrected for future sampling events.

2. Please provide an updated analyte table that depicts the proposed analytes list with the relevant Regulation 41 standards.

Revised Exhibit G Table 5 is attached.

3. The results of the semiannual groundwater quality sampling and monthly groundwater level monitoring are to be submitted annually along with the annual report, map and fee. Please commit to providing the following to be submitted each year:

- A table of analytical sample results, including duplicate results, compared to appropriate standard.
- Well location map
- Graph of groundwater level data over for previous six (6) quarters to show seasonal variation.
- A table of groundwater level data for the same period as above

Martin Marietta commits to providing the above information annually along with the annual report.

Mr. Patrick Lennberg

December 15, 2024

Page 2

Feel free to contact me (970-407-3631) if any additional information is needed at this time.

Sincerely,

A handwritten signature in cursive script that reads "Julie Mikulas". The ink is dark and the signature is fluid.

Julie Mikulas

Regional Land Manager

Exhibit G Table 5. Water Quality Sampling Parameters (revised 12/15/24)

| Parameter | Applicable Water Quality Standard Concentration | Comments |
|-------------------------------|---|-------------------------------|
| Fluoride – Total F | 2.0 mg/L | |
| Nitrate (NO ₃) | 10.0 mg/L as N | Filter in field (0.45 micron) |
| Total Dissolved Solids (TDS) | 400 mg/L | Filter in field (0.45 micron) |
| Sulfate - Total | 250 mg/L | |
| Chromium – Dissolved (CrVI) | 0.1 mg/L | Filter in field (0.45 micron) |
| Boron – Dissolved | 0.75 mg/L | Filter in field (0.45 micron) |
| Manganese – Dissolved | 0.05 mg.L | Filter in field (0.45 micron) |
| Selenium - Dissolved | 0.02 mg/L | Filter in field (0.45 micron) |
| Uranium – Dissolved | 0.02 mg/L | Filter in field (0.45 micron) |
| Gross Alpha Particle Activity | 15 pCi/L | Filter in field (0.45 micron) |



Julie Mikulas
Regional Land Manager

December 15, 2024

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

RE: Windsor East Mine, M-2022-042, Extension Request for TR-1 for Groundwater Sampling

Dear Mr. Lennberg:

Please accept this letter as our request for a 30-day extension to extend the decision date for the Technical Revision from December 15, 2024 to January 15, 2025.

Feel free to contact me (970-407-3631) if any additional information is needed at this time.

Sincerely,

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

Julie Mikulas
Regional Land Manager