



Julie Mikulas
Regional Land Manager

November 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, Technical Revision for Groundwater Sampling

Dear Mr. Lennberg:

Martin Marietta submits this Technical Revision to Permit M-2022-042 to:

- Provide background results from the groundwater monitoring program
- Request modifications to the groundwater monitoring program

The attached summary report provides the Division with the results of monitoring from monitoring wells MW-5, MW-6 and MW-7, MW-10, and MW-11 as established in the initially approved permit.

Martin Marietta requests the following changes to the ground water monitoring program:

1. As stated in the initial mine permit application, following the five quarters of background sample collection and analysis, Martin Marietta will reduce the sampling frequency to twice per year for each of the five monitoring wells. The two events will occur during August or September and during March or April with the intent of capturing the potential chemistry associated with the end of the irrigation season when agricultural contributions are at the highest concentrations and the end of the winter before irrigation begins when the agricultural contributions are at their lowest.
2. There is no activity at the mine that is expected to impact the parameters. Therefore, Martin Marietta proposes to report the results of water quality monitoring to the Division of Reclamation, Mining & Safety with the submittal of the annual report due for this permit on May 25 each year.
3. On the basis of the data enclosed in the Technical Memo submitted with this request, Martin Marietta requests to discontinue sample analysis for any of parameters which have no potential basis of originating in the Windsor East Mine property boundary or have not been detected in any of the samples at concentrations above half of the regulatory standard for the compound. Martin Marietta requests that the analyte sampling be limited to the following:

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- Fluoride – Total F
- Nitrate (NO₃)
- Total Dissolved Solids (TDS)
- Sulfate - Total
- Chromium – Dissolved (CrVI)
- Boron – Dissolved
- Manganese – Dissolved
- Selenium - Dissolved
- Uranium – Dissolved
- Gross Alpha Particle Activity

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

Sincerely,

A handwritten signature in cursive script, reading "Julie Mikulas".

Julie Mikulas
Regional Land Manager