



Julie Mikulas
Regional Land Manager

June 11, 2025

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

RE: M-2022-042 Additional Information Required

Dear Mr. Lennberg:

As follow-up to your May 15, 2025 letter, please find enclosed:

1. Table of analytical sample results, including an additional sheet with the duplicate results
2. Graph of the groundwater level data and table of groundwater level data

The well locations were included on the annual report map. A second copy of the map is enclosed.

If any additional information is needed, please contact me by email at julie.mikulas@martinmarietta.com or cell phone at 970-227-4041.

Sincerely,

A handwritten signature in black ink that reads "Julie Mikulas".

Julie Mikulas
Regional Land Manager



Imagery Date: 09/29/24

- 1 – Topsoil
- 2 – Overburden
- 3 – Conveyor to Parsons M-2009-082
- 4 – PDC Waterline disturbance

Water Quality Summary
Windsor East MW-5

Parameter	Units	Standard	9/14/2022	3/7/2023	9/21/2023	3/21/2024	10/2/2024
Fluoride - Total F	mg/L	2	0.98	0.69	<1.0	0.8	0.91
Nitrate (NO3)	mg/L	10	0.3	9.3	10.9	9.9	11
TDS	mg/L	400		1380	1570	1500	1600
Sulfate - Total	mg/L	250	200	617	732	720	750
Chromium - Dissolved (CrVI)	mg/L	0.1	0.072	<0.020	<0.010	ND	ND
Boron - Dissolved	ug/L	750	153	346	410	390	440
Manganese - Dissolved	ug/L	50	291	<2.0	52.9	1.1	0.68
Selenium - Dissolved	ug/L	20	0.93	5.5	6.7	6.2	6
Uranium - Dissolved	ug/L	30	10.6	31.8	39.3	33	32
Gross Alpha Particle Activity	pCi/L	15	234	17.8	6	25.6	27.4

Water Quality Summary
Windsor East MW-6

Parameter	Units	Standard	9/14/2022	3/7/2023	9/21/2023	3/21/2024	10/2/2024
Fluoride - Total F	mg/L	2	0.69	0.63	<2.5	0.86	1.1
Nitrate (NO3)	mg/L	10	10.2	10.8	12	9.1	11
TDS	mg/L	400	1700	1830	2210	1700	1800
Sulfate - Total	mg/L	250	888	936	1160	850	890
Chromium - Dissolved (CrVI)	mg/L	0.1	<0.010	<0.010	<0.010	0.019	0.013
Boron - Dissolved	ug/L	750	377	380	438	430	470
Manganese - Dissolved	ug/L	50	32.7	3.7	2.5	0.84	0.51
Selenium - Dissolved	ug/L	20	7.4	6.9	9.6	8.1	7.5
Uranium - Dissolved	ug/L	30	37.8	38.4	45.1	34	32
Gross Alpha Particle Activity	pCi/L	15	22.4	45.3	10.6	22	14.5

Water Quality Summary
Windsor East MW-7

Parameter	Units	Standard	9/14/2022	3/7/2023	9/21/2023	3/21/2024	10/2/2024
Fluoride - Total F	mg/L	2	1.1	0.96	2.4	1.1	1.4
Nitrate (NO3)	mg/L	10	5.5	5.2	3.1	4.5	5.6
TDS	mg/L	400	1480	1560	2470	1700	2000
Sulfate - Total	mg/L	250	763	741	1360	850	1000
Chromium - Dissolved (CrVI)	mg/L	0.1	<0.010	<0.010	<0.10	ND	ND
Boron - Dissolved	ug/L	750	383	350	482	420	420
Manganese - Dissolved	ug/L	50	17.2	<2.0	2.2	<2.0	0.58
Selenium - Dissolved	ug/L	20	11.4	10.3	4.6	6.6	10
Uranium - Dissolved	ug/L	30	40.9	42.6	88.8	46	30
Gross Alpha Particle Activity	pCi/L	15	16.3	15.9	39.5	26.8	19.3

Water Quality Summary
Windsor East MW-10

Parameter	Units	Standard	9/14/2022	3/7/2023	9/21/2023	3/21/2024	10/2/2024
Fluoride - Total F	mg/L	2	1.1	1.1	2.6	1.3	1.3
Nitrate (NO3)	mg/L	10	12.1	9.7	21.3	15	13
TDS	mg/L	400	1610	1800	1720	1300	1500
Sulfate - Total	mg/L	250	845	950	842	540	700
Chromium - Dissolved (CrVI)	mg/L	0.1	<0.010	<0.010	<0.010	0.69	ND
Boron - Dissolved	ug/L	750	330	276	323	320	410
Manganese - Dissolved	ug/L	50	17.8	<2.0	1.2	1.2	0.75
Selenium - Dissolved	ug/L	20	5	4.4	6.4	4.8	3.9
Uranium - Dissolved	ug/L	30	34.1	31	33.6	23	31
Gross Alpha Particle Activity	pCi/L	15	8	1.8	16.8	13.3	25.1

Water Quality Summary
Windsor East MW-11

Parameter	Units	Standard	9/14/2022	3/7/2023	9/21/2023	3/21/2024	10/2/2024
Fluoride - Total F	mg/L	2	0.99	0.92	Not	Not	Not
Nitrate (NO3)	mg/L	10	13.6	9.9	enough	enough	enough
TDS	mg/L	400	1650	1670	water	water	water
Sulfate - Total	mg/L	250	838	868	in well	in well	in well
Chromium - Dissolved (CrVI)	mg/L	0.1	<0.010	<0.010	to sample,	to sample,	to sample,
Boron - Dissolved	ug/L	750	389	331	have	have	have
Manganese - Dissolved	ug/L	50	12.2	<2.0	dewater	dewater	dewater
Selenium - Dissolved	ug/L	20	10.6	9.5	pump	pump	pump
Uranium - Dissolved	ug/L	30	42.7	43.7	20 feet	20 feet	20 feet
Gross Alpha Particle Activity	pCi/L	15	15.5	39.7	away	away	away

Water Quality Summary
Windsor East Duplicates

Parameter	Units	Standard	None	MW-7	MW-5	MW-10	MW-6
			9/14/2022	3/7/2023	9/21/2023	3/21/2024	10/2/2024
Fluoride - Total F	mg/L	2	(1)	0.93	<2.5	1.3	1.1
Nitrate (NO3)	mg/L	10	(1)	5.2	10.7	13	11
TDS	mg/L	400	(1)	1570	1590	1200	1800
Sulfate - Total	mg/L	250	(1)	743	704	540	880
Chromium - Dissolved (CrVI)	mg/L	0.1	(1)	<0.010	<0.010	0.0079	ND
Boron - Dissolved	ug/L	750	(1)	344	409	330	460
Manganese - Dissolved	ug/L	50	(1)	<2.0	50.2	1	0.71
Selenium - Dissolved	ug/L	20	(1)	10.5	7	4.6	7.3
Uranium - Dissolved	ug/L	30	(1)	41.5	38.1	21	30
Gross Alpha Particle Activity	pCi/L	15	(1)	16.8	16.8	16.2	15

(1) none pulled, first sample wasn't aware we needed it

Windsor East Mine, Permit M-2022-042

Water Elevation (feet)						
Date	Month	MW-5	MW-6	MW-7	MW-10	MW-11
10/18/23	Oct-23	4727.9	4726.5	4723.7	4717.2	4710.9
11/15/23	Nov-23	4727.8	4726.4	4723.6	4715.7	4710.8
12/12/23	Dec-23	4727.6	4726.4	4723.4	4715.7	4710.8
01/17/24	Jan-24	4727.6	4726.4	4723.4	4715.7	4710.8
02/20/24	Feb-24	4727.6	4726.4	4723.5	4715.7	4710.8
03/21/24	Mar-24	4727.7	4726.7	4723.7	4715.7	4710.9
04/12/24	Apr-24	4727.7	4726.6	4723.7	4715.7	4711.0
05/15/24	May-24	4727.6	4726.4	4723.7	4715.7	4712.2
06/18/24	Jun-24	4727.5	4726.0	4724.1	4715.7	4711.0
07/15/24	Jul-24	4727.2	4725.5	4723.2	4717.0	4711.0
08/22/24	Aug-24	4727.2	4725.5	4723.2	4716.7	4710.8
09/30/24	Sep-24	4727.3	4725.6	4723.1	4713.2	4710.7
10/21/24	Oct-24	4725.8	4723.6	4724.7	4717.2	4710.8
11/13/24	Nov-24	4725.1	4723.5	4723.7	4717.1	4716.1
12/02/24	Dec-24	4721.8	4722.8	4723.3	4716.7	4716.1
01/02/25	Jan-25	4721.3	4722.5	4722.8	4716.4	4716.1
02/20/25	Feb-25	4721.1	4722.4	4722.9	4716.0	4715.9
03/17/25	Mar-25	4721.0	4722.4	4723.0	4715.9	4716.0
04/10/25	Apr-25	4721.0	4722.4	4723.1	4715.8	4716.1

