

May 14, 2025

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

RE: M-2000-016 Additional Information Required

Dear Mr. Lennberg:

Follow-up to your April 11, 2025 letter is below:

1. Please provide a monitoring well location map that shows the locations of all the monitoring wells relative to the permit boundary.

Map is attached.

2. Please provide a line graph that shows the water levels for all monitoring wells since March 2023.

Graph is attached.

3. Please provide an explanation of the large fluctuations (3 feet or greater) in water levels that appear in wells from one month to the next.

For DW-MW01 and DS-MW02, we do not have any explanation for the spikes. In 2023, we were not operating in the area. In 2024, we were actively dewatering and filling in the water surfaces, so that may have temporarily affected the water table to fall but not rise. They are not in areas we are currently mining but may be affected by the ditches and farming nearby or the adjacent mining by a competitor.

For MY-MW05, CH-MW06, and DS-MW09, we verified the Jun-24 readings with the field notes and will have to say that those were either a user error or equipment error.

For CH-MW06, CH-MW07 and CH-MW08, we are currently mining, the river did breach the bank during the flooding in May 2023, and there are several unlined irrigation ditches that run near the wells seasonally.

For RI-11 and RI-12, they sit right between the river or drainage swale from the south and the completed liner for Phase 1. They were definitely influenced by the water ways and we may have also been pumping and releasing water to the water ways in those areas.

4. In CH-MW01 it appears that the water level in the well has been rising, getting closer to the surface over time and was within 2 feet of the surface in June 2024. Please provide an explanation of this possible trend and if it is related to mining activities at the site.

Looking back at data from 2017 to 2024, the well readings for June-August get that close to the surface every year.

Date	Depth from PVC (ft)	Height of Pipe (ft)	Depth from ground (ft)
05/30/17	5.6	3.5	2.1
06/23/17	5.2	3.5	1.7
07/28/17	4.5	3.5	1.0
08/22/17	4.5	3.5	1.0
09/18/17	5.3	3.5	1.8
05/29/18	5.5	3.5	2.0
06/22/18	5.3	3.5	1.8
09/28/18	6.0	3.5	2.5
05/29/19	5.4	3.5	1.9
07/09/19	4.8	3.5	1.3
08/30/19	4.9	3.5	1.4
09/30/19	5.5	3.5	2.0

The well sits west of the Lupton Bottom Ditch in an area that we have not mined. From aerial photos in 2018 when the area was still farmed and 2022 after farming had ceased, it appears that there is an old oxbow and a possible explanation could be that well is influenced by when the ditch is running.



Mr. Patrick Lennberg

May, 14, 2025

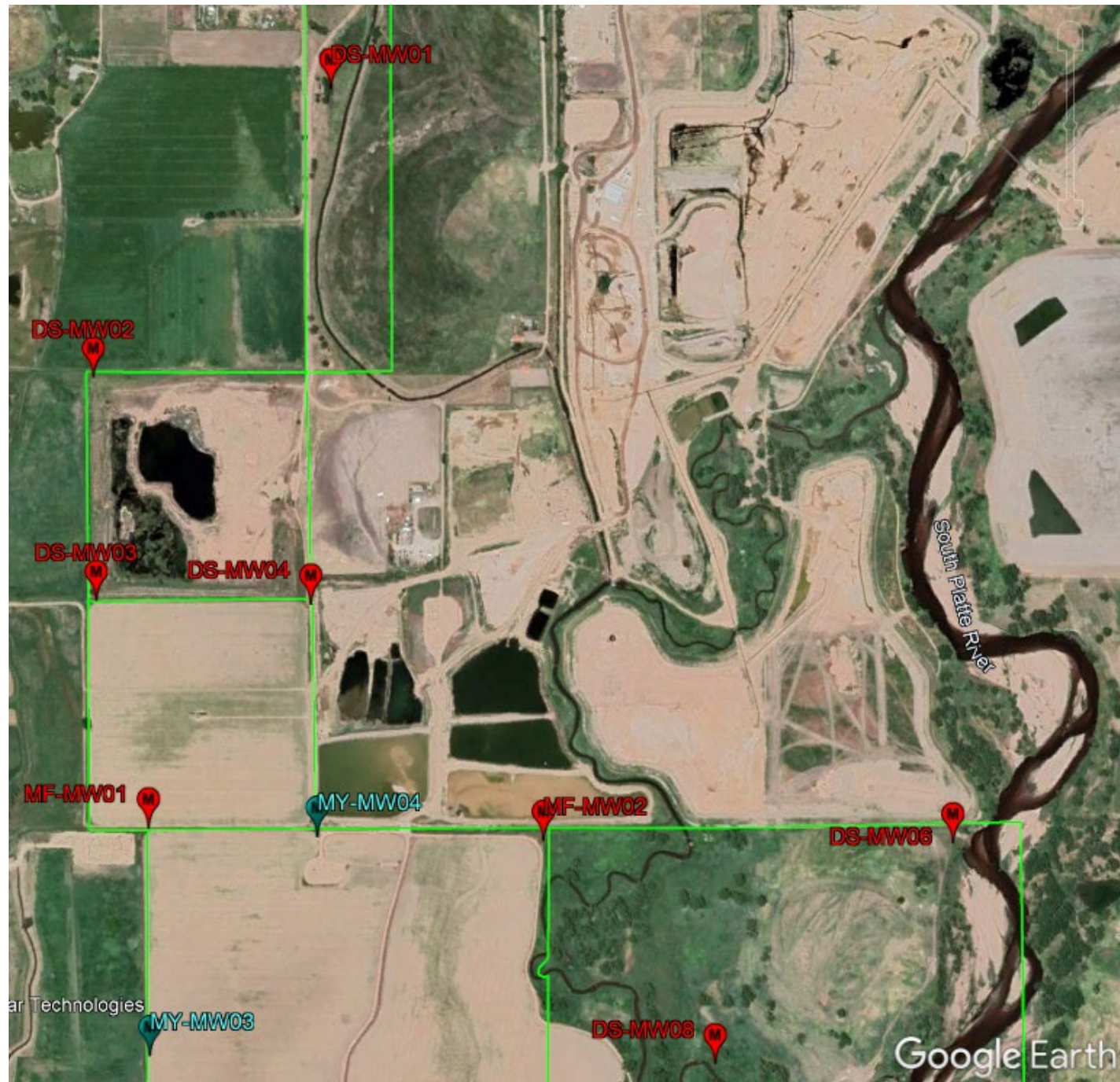
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If any additional information is needed, please contact me by email at julie.mikulas@martinmarietta.com or cell phone at 970-227-4041.

Sincerely,

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

Julie Mikulas
Regional Land Manager

**LEGEND**

Existing

Added 2022

RI = Rittenhouse

NO = Norden

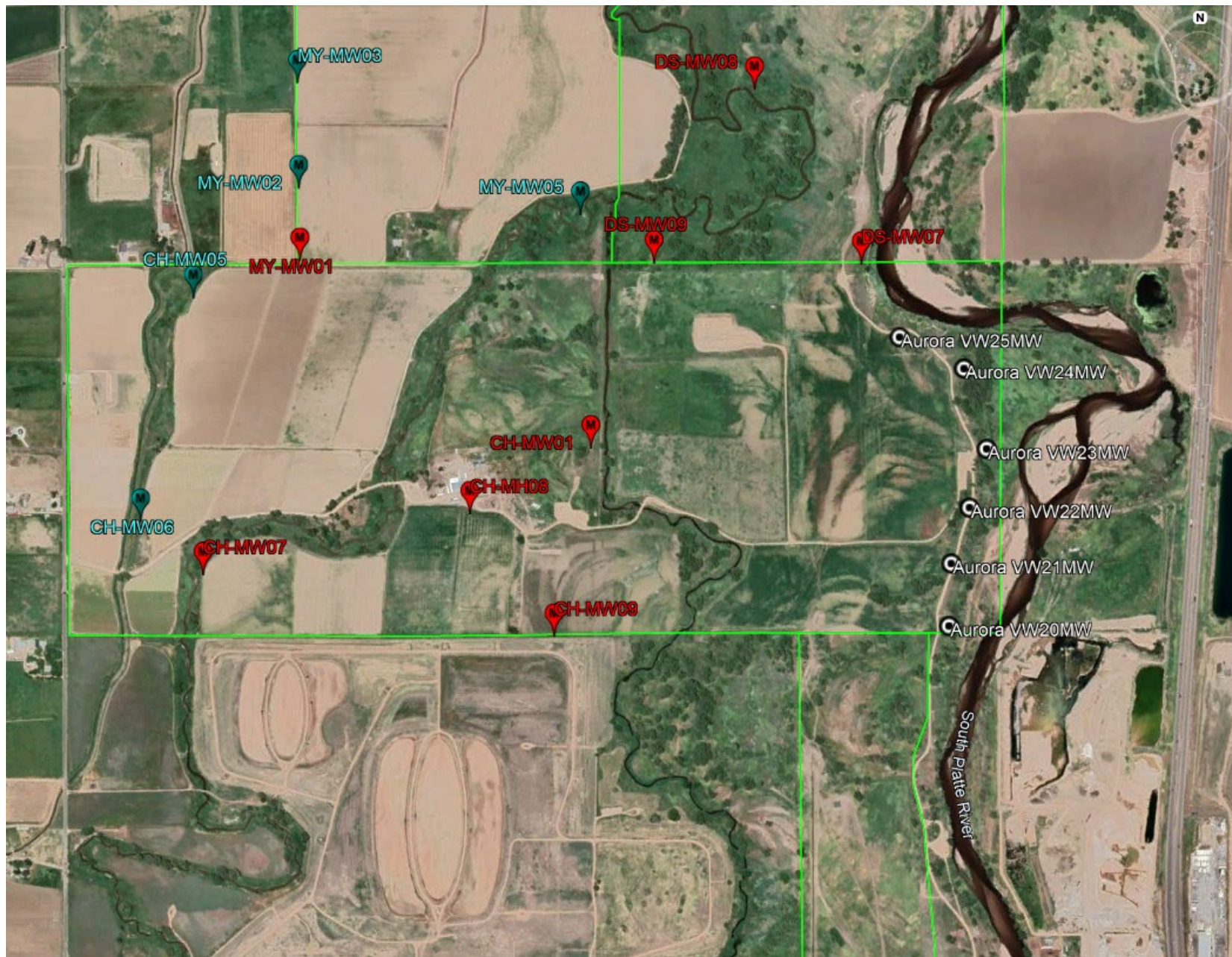
MM = Anderson

CH = Chikuma

DS = D&S Mining

MY = Myrna

MF = Myrna and Freda

**LEGEND**

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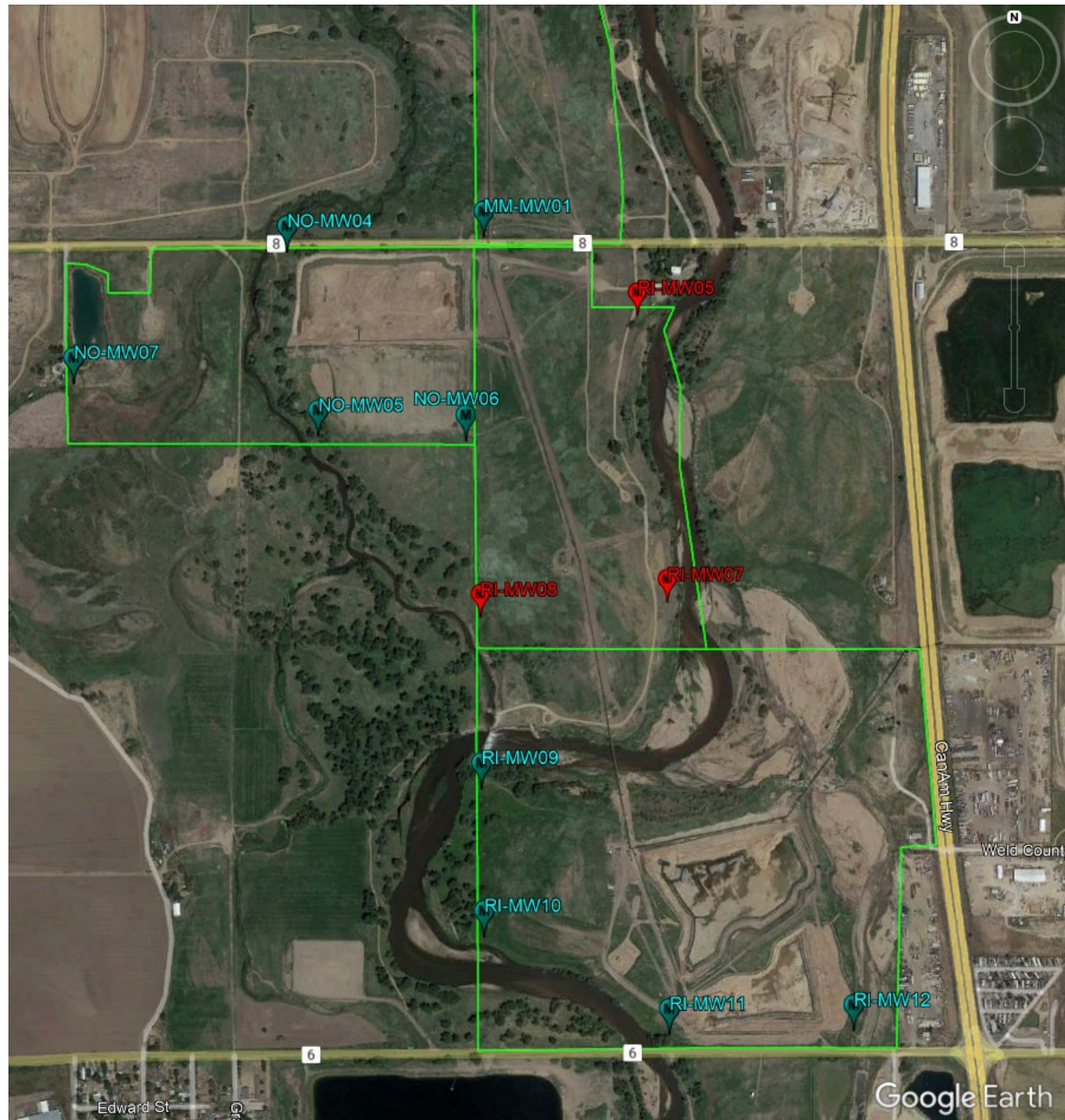
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CH = Chikuma

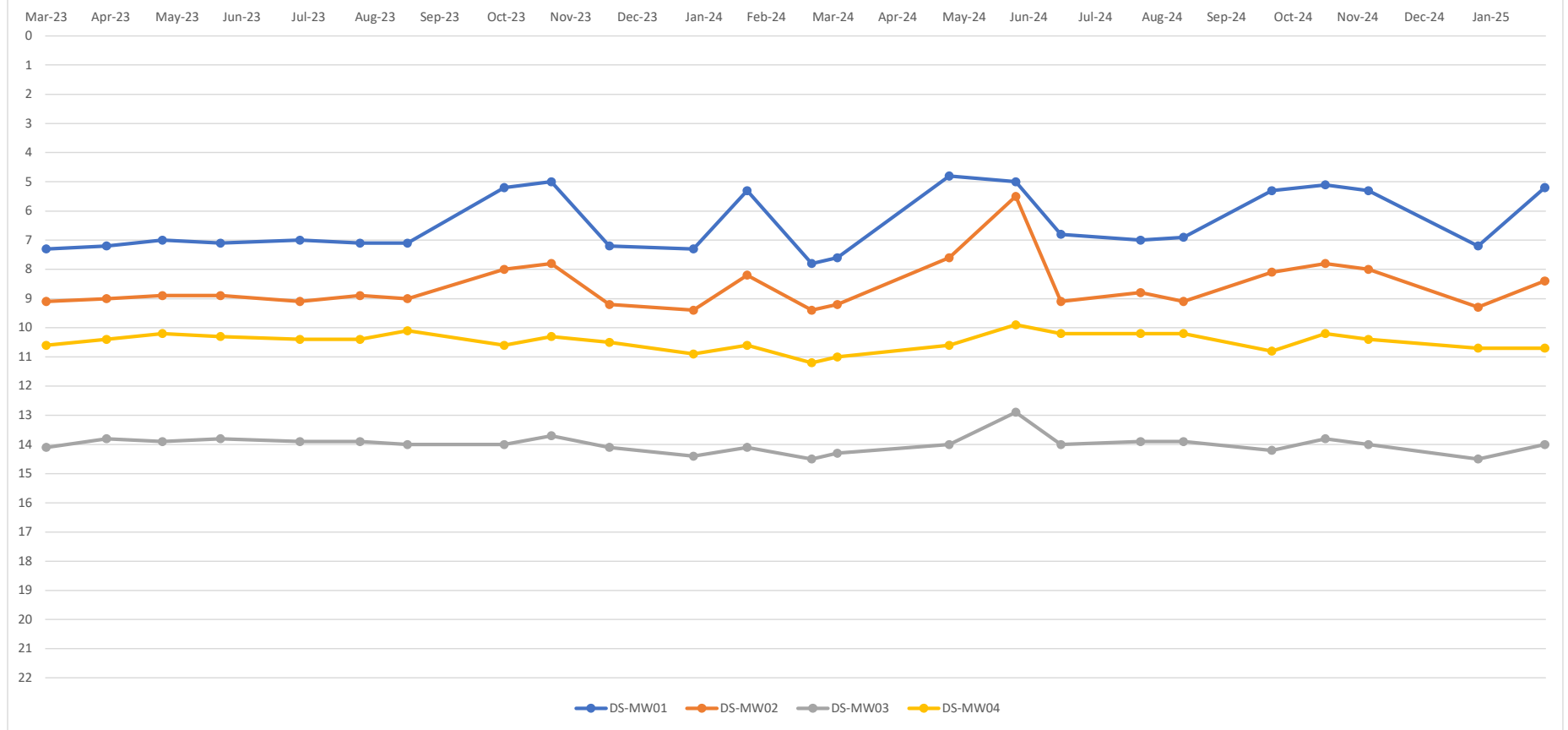
DS = D&S Mining

MY = Myrna

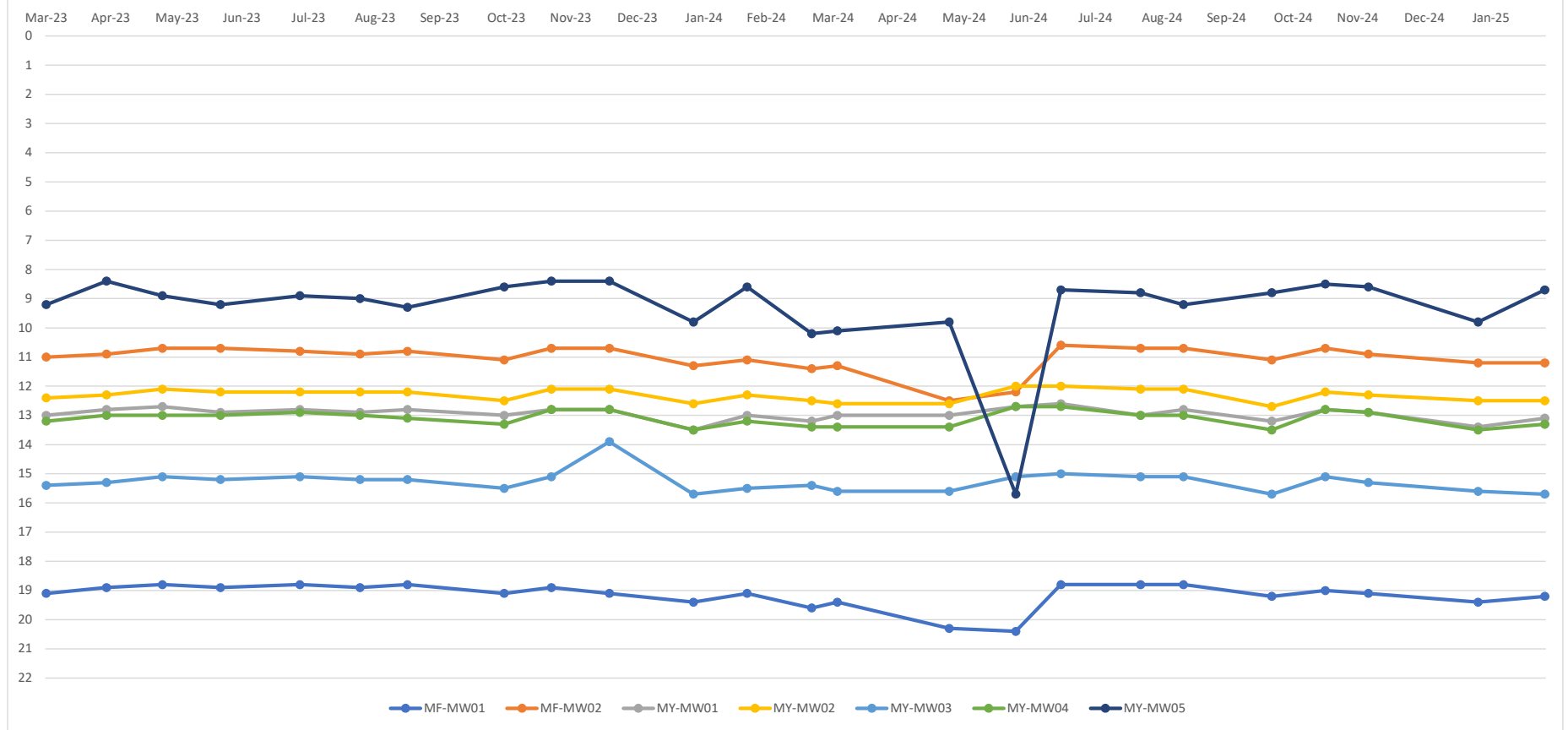
MF = Myrna and Freda



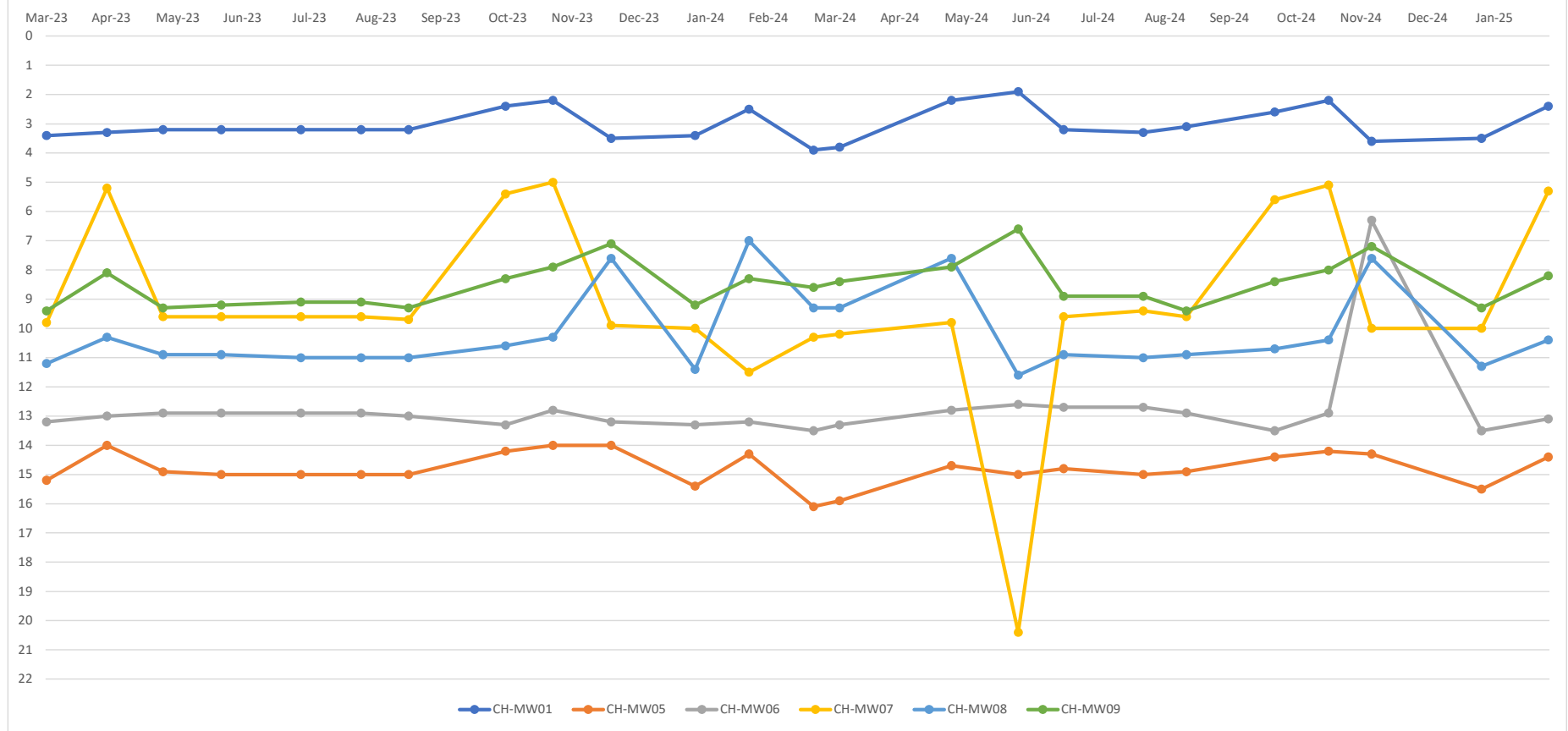
M-2000-016 Riverbend Monitoring Wells



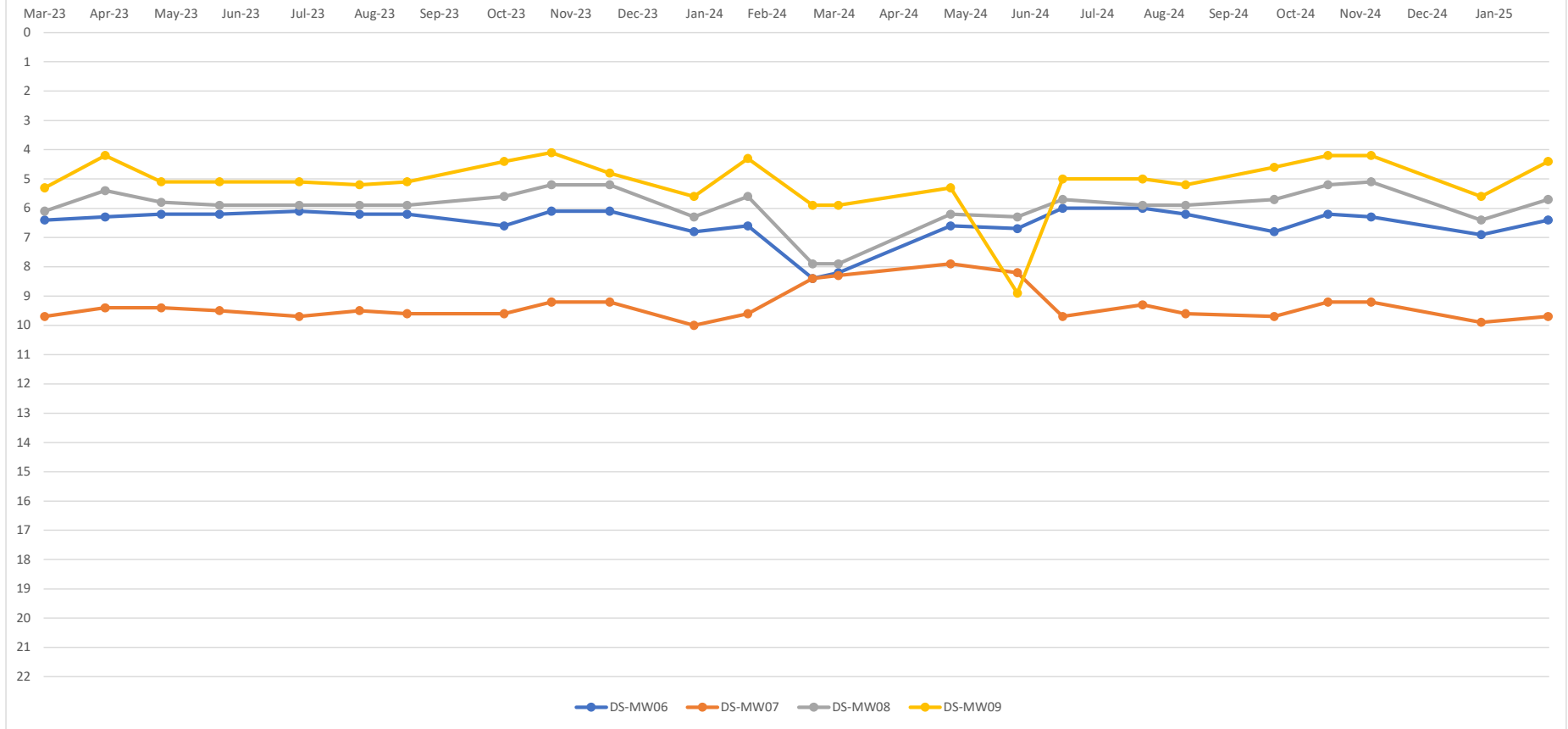
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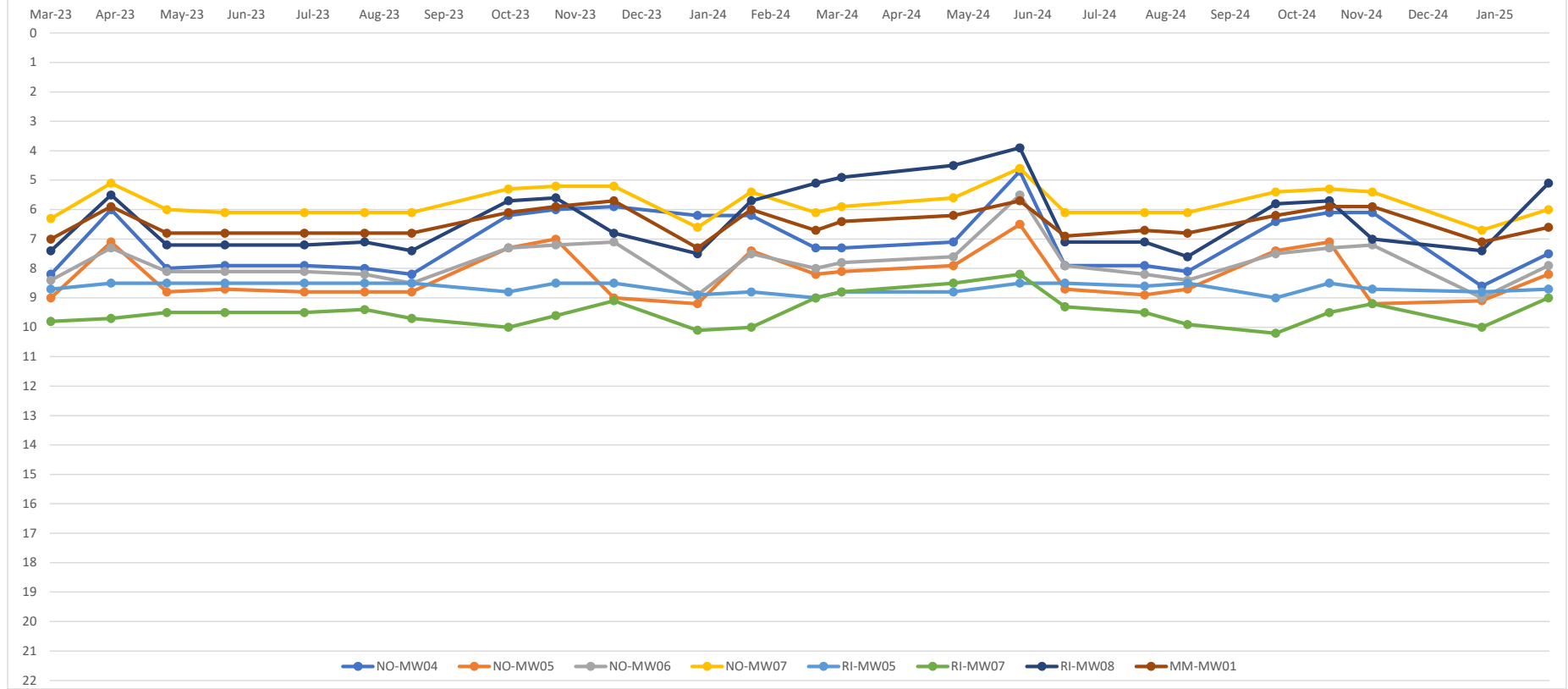
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