



STATE OF  
COLORADO

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

## M-2002-004 GCC Pueblo - Notification of GW Discharge Exceedance 2Q 2022

1 message

**Amy Veek** <aveek@gcc.com>

Thu, Jun 9, 2022 at 2:08 PM

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

Cc: Vance Sarah <svance@gcc.com>, Alarcon Alejandro <aalarcon@gcc.com>, Landon Beck <lbeck@resourcehydrogeologic.com>

Patrick,

Pursuant to Rule 3.1.7(9), this email provides the notification of concentrations above Colorado state ag standards in groundwater samples collected as part of the recent 2nd Quarter 2022 sampling event at GCC's Pueblo Facility. On June 9th, GCC received the final laboratory reports from ACZ Laboratories indicating concentrations above the ag standards in the samples collected from MW-6, MW-8, MW-9, MW-10, MW-11, MW-12 and MW-14 on May 17<sup>th</sup> and MW-13 collected on May 10<sup>th</sup>. The reports provided the following results:

| Parameter | State Ag Standard | Results MW-6 | Results MW-8 | Results MW-9 | Results MW-11 | Results MW-12 | Results MW-13 | Results MW-14 |
|-----------|-------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Units     | ug/L              | ug/L         | ug/L         | ug/L         | ug/L          | ug/L          | ug/L          | ug/L          |
| Manganese | 200               | 200          | 299          | 761          | 22            | 30            | <2            | <2            |
| Selenium  | 20                | 53.8         | <0.1         | 0.3          | 132           | 0.74          | 18.4          | 12.4          |
| Fluoride  | 2000              | 570          | 1010         | 440          | 910           | 2210          | 6060          | 3100          |

As noted in [Water Quality Control Commission, Regulation 41 - The Basic Standards for Groundwater](#), the manganese standard of 200 µg/L is only appropriate where irrigation water is applied to soils with pH values lower than 6.0, which is not the case for areas potentially receiving waters from this facility.

Let me know if you have any questions.

Regards,

Amy



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Environmental Engineer

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