

STATE OF
COLORADO

Carter - DNR, Jocelyn <jocelyn.carter@state.co.us>

M-2002-004 GCC Pueblo - Notification of GW Discharge Exceedance 2Q 2024

1 message

Amy Rodrigues <aveek@gcc.com>

Wed, Jun 12, 2024 at 9:28 AM

To: "Carter - DNR, Jocelyn" <jocelyn.carter@state.co.us>

Cc: Landon Beck <lbeck@slrconsulting.com>, Vance Sarah <svance@gcc.com>

Hi Jocelyn,

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 2024 groundwater sampling event at GCC's Pueblo Facility. On June 5th, GCC received one of the final laboratory reports from ACZ Laboratories indicating concentrations above the ag standards for the samples collected on May 15th from MW-6, MW-7, MW-2B (Duplicate of MW-6), MW-13 and MW-14. The report provided the following results:

Parameter	State Ag Standard	Results MW-6	Results MW-7	Results MW-2B	Results MW-13	Results MW-14
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Manganese	200	444	<50	437	<20	<50
Selenium	20	0.2	38.6	0.17	<0.2	<0.2
Fluoride	2000	520	550	530	6220	2870

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



Amy Rodrigues

Environmental Engineer

O: 719-647-6861

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[GCC.com](https://gcc.com)

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Carter - DNR, Jocelyn <jocelyn.carter@state.co.us>

M-2002-004 GCC Pueblo - Notification of GW Discharge Exceedance 2Q 2024

1 message

Amy Rodrigues <aveek@gcc.com>

Wed, Jun 12, 2024 at 2:45 PM

To: "Carter - DNR, Jocelyn" <jocelyn.carter@state.co.us>

Cc: Landon Beck <lbeck@slrconsulting.com>, Vance Sarah <svance@gcc.com>

Hi Jocelyn,

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 2024 groundwater sampling event at GCC's Pueblo Facility. On June 12th, GCC received one of the final laboratory reports from ACZ Laboratories indicating concentrations above the ag standards for the samples collected on May 20th from MW-9 and MW-11. The report provided the following results:

Parameter	State Ag Standard	Results MW-9	Results MW-11
Units	ug/L	ug/L	ug/L
Manganese	200	408	13
Selenium	20	<0.5	487

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 Rodrigues

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