



STATE OF
COLORADO

Michels - DNR, Amber <amber.michels@state.co.us>

M-2002-004 GCC Pueblo - Notification of GW Discharge Exceedance 2Q 2023

Parrish Lyle <lparrish@gcc.com>

Fri, Jun 30, 2023 at 9:09 AM

To: "Michels - DNR, Amber" <amber.michels@state.co.us>, "patrick.lennberg@state.co.us" <patrick.lennberg@state.co.us>

Cc: Amy Veek <aveek@gcc.com>, Hoon Erick <ehoon@gcc.com>, Landon Beck <lbeck@resourcehydrogeologic.com>

Hi Amber,

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 2023 groundwater sampling event at GCC's Pueblo Facility. On June 27th and 28th, GCC received the final laboratory reports from ACZ Laboratories indicating concentrations above the ag standards in the samples collected on May 30th and 31st from MW-6, MW-7, MW-9, MW-11, MW-13 and MW-14. The reports provided the following results:

Parameter	State Ag Standard	Results MW-6	Results MW-7	Results MW-9	Results MW-11	Results MW-13	Results MW-14
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Manganese	200	656	<10	454	20	<10	35
Cobalt	50	54.1	2.07	2.52	0.077	0.220	0.622
Selenium	20	3.23	98.1	<0.5	38.6	<1	<2
Fluoride	2000	520	410	350	870	5790	2610

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,

Joey



Joey Parrish

Environmental Engineer - Trident

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