



STATE OF
COLORADO

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

M-2002-004 GCC Pueblo - Notification of GW Discharge Exceedance 1Q 2023

1 message

Amy Veek <aveek@gcc.com>

Fri, Apr 7, 2023 at 3:42 PM

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

Cc: Vance Sarah <svance@gcc.com>, Alarcon Alejandro <aalarcon@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 1st Quarter 2023 groundwater sampling event at GCC's Pueblo Facility. On April 4th and 7th, GCC received the final laboratory reports from ACZ Laboratories indicating concentrations above the ag standards in the samples collected on March 6th and 7th from MW-6, MW-8, MW-9, MW-11, MW-13 and MW-14. The reports provided the following results:

Parameter	State Ag Standard	Results MW-6	Results MW-8	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	839	234	460	<10	<20	<50
Cobalt	50	63.3	0.545	3.56	0.426	<0.25	0.655
Selenium	20	<0.5	<0.2	<0.1	114	<0.2	<0.5
Fluoride	2000	520	1030	440	890	6490	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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