

STATE OF
COLORADO

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

M-2002-004 GCC Pueblo - Notification of GW Discharge Exceedance 1Q 2022

Amy Veek <aveek@gcc.com>

Wed, Apr 20, 2022 at 11:31 AM

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 1st Quarter 2022 sampling event at GCC's Pueblo Facility. On April 19 and 20, GCC received the final laboratory reports from ACZ Laboratories indicating concentrations above the ag standards in the samples collected from MW-9, MW-10, MW-12, and MW-14 on March 28nd and MW-13 collected on March 23rd. The reports provided the following results:

Parameter	State Ag Standard	Results (MW-9)	Results (MW-10)	Results (MW-12)	Results (MW-13)	Results (MW-14)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Manganese	200	609	686	14	<20	<20
Fluoride	2000	490	990	2520	5410	2350

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.

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