



M-2002-004 GCC Pueblo - Notification of GW Discharge Exceedance 3Q 2022

3 messages

Amy Veek <aveek@gcc.com>

Wed, Sep 7, 2022 at 4:04 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 3rd Quarter 2022 sampling event at GCC's Pueblo Facility. On September 7th, GCC received the final laboratory reports from ACZ Laboratories indicating concentrations above the ag standards in the samples collected on August 15th from MW-6, MW-8, MW-9, MW-11, MW-2B (sample duplicate), 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-2B (sample duplicate)	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	290	236	547	<10	239	<20	<50
Nickel	200	409	<16	<4	<8	<16	<16	<4
Selenium	20	11.2	<0.2	<0.1	125	<0.2	<0.2	<0.2
Fluoride	2000	500	1090	430	930	1070	6460	3100

As noted in [Water Quality Control Commission, Regulation 41 - The Basic Standards for Groundwater](#), the manganese standard of 200 ug/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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Lennberg - DNR, Patrick <patrick.lennberg@state.co.us>

Thu, Sep 8, 2022 at 4:56 AM

To: Amy Veek <aveek@gcc.com>

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

Good Morning Amy,

What is the parent sample of duplicate sample MW-2B?

Thank you,
Patrick

[Quoted text hidden]

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Patrick Lennberg
Environmental Protection Specialist



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

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Patrick.Lennberg@state.co.us | <https://drms.colorado.gov>

Amy Veek <aveek@gcc.com>

Thu, Sep 8, 2022 at 7:55 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,

It is MW-8.

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