

STATE OF  
COLORADO

Lennberg - DNR, Patrick &lt;patrick.lennberg@state.co.us&gt;

**GCC Pueblo Facility - Notification of Groundwater Discharge Exceedance 2019-Q3 - Permit #M2002004**

2 messages

Furman Diana &lt;dfurman@gcc.com&gt;

Mon, Oct 12, 2020 at 4:43 PM

To: "Lennberg - DNR, Patrick" &lt;patrick.lennberg@state.co.us&gt;

Cc: "Landon Beck - Resource Hydrogeologic Services (lbeck@resourcehydrogeologic.com)" &lt;lbeck@resourcehydrogeologic.com&gt;, Lotito Gina &lt;glotito@gcc.com&gt;, Alarcon Alejandro &lt;aalarcon@gcc.com&gt;, Furman Diana &lt;dfurman@gcc.com&gt;

Good Afternoon Patrick,

Pursuant to Rule 3.1.7(9), this email provides timely notification of concentrations above Colorado state ag standards in a sample collected as part of the recent 2<sup>nd</sup> Quarter 2020 sampling event at GCC's Pueblo Facility. On October 6<sup>th</sup>, GCC received a laboratory report from ACZ Laboratories indicating concentrations above the ag standards in the samples collected from MW-6 and MW-7 on September 16<sup>th</sup>. Note, that while the laboratory had delivered the report (via email) on September 30<sup>th</sup>, GCC did not receive the report until October 6<sup>th</sup> upon my return to work. The report provided the following results:

Parameter	State Ag Standard	Results (MW-6)	Results (MW-7)	Results (MW-7 Duplicate)
Units	Ug/L	Ug/L	Ug/L	Ug/L
Manganese	200	390	10	10
Selenium	20	6	66	65

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. In addition, the manganese result for MW-6 is consistent with prior analytical results.

GCC will proceed to complete our data review, validation and verification process and will send the field and laboratory records in the annual report. Note that GCC has not received the report for the new well, MW-8, which was sampled on October 28<sup>th</sup>. GCC will provide an additional notification upon receipt, if necessary.

Please let me know if you have any questions.

Thanks,

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Furman Diana &lt;dfurman@gcc.com&gt;

Fri, Oct 23, 2020 at 11:27 AM

To: "Lennberg - DNR, Patrick" &lt;patrick.lennberg@state.co.us&gt;

Cc: "Landon Beck - Resource Hydrogeologic Services (lbeck@resourcehydrogeologic.com)" &lt;lbeck@resourcehydrogeologic.com&gt;, Lotito Gina &lt;glotito@gcc.com&gt;, Alarcon Alejandro &lt;aalarcon@gcc.com&gt;, Furman Diana &lt;dfurman@gcc.com&gt;

Good Morning Patrick

Follow up to the email below, this email provides notification of concentrations above Colorado state ag standards in a sample collected as part of the recent 3<sup>rd</sup> Quarter 2020 sampling event at GCC's Pueblo Facility for the new well, MW-8 (note there is a typo in the original email referring to 2<sup>nd</sup> quarter, when the sampling was conducted in the 3<sup>rd</sup> quarter). The report provided the following results:

Parameter	State Ag Standard	Results (MW-8)
Units	Ug/L	Ug/L
Boron	750	1,200
Manganese	200	300

GCC will proceed to complete our data review, validation and verification process and will send the field and laboratory records in the annual report.

Please let me know if you have any questions.

Thanks,



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