

STATE OF  
COLORADO

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

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## **GCC Pueblo Facility - Notification of Groundwater Discharge Exceedance 2019-Q4 - Permit #M2002004**

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**Furman Diana** <dfurman@gcc.com>

Mon, Dec 23, 2019 at 3:00 PM

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

Cc: Lotito Gina &lt;glotito@gcc.com&gt;, Alarcon Alejandro &lt;aalarcon@gcc.com&gt;, Fuchs Urs &lt;ufuchs@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 4th Quarter 2019 sampling event at GCC's Pueblo Facility. On December 17th, GCC received a laboratory report from Origins Laboratories indicating concentrations above the ag standards in the samples collected from MW-6 and MW-7 on December 9th. GCC is still awaiting results for samples provided for the same wells from ACZ Laboratories as well. The report provided the following results:

Parameter

State Ag Standard

Results (MW-6)

Results (MW-7)

Units

Ug/L

Ug/L

Ug/L

Manganese

200

459

21.2

Selenium

20

106

99.3

As noted in Water Quality Control Commission, Regulation 41 - The Basic Standards for Groundwater<[https://www.colorado.gov/pacific/sites/default/files/41\\_2016%2812%29.pdf](https://www.colorado.gov/pacific/sites/default/files/41_2016%2812%29.pdf)>, 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 would like to note that MW-7 is a much higher yielding well and more reflective of water emanating from or under the quarry; therefore, GCC continues to believe MW-7 is a more reliable and representative monitoring point.

GCC will proceed to complete our data review, validation and verification process and will send the field and laboratory records with the annual report, which will be submitted by January 31, 2020.

Please feel free to contact me if you have any questions.

Thanks,

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Parameter	State Ag Standard	Results (MW-6)	Results (MW-7)
Units	Ug/L	Ug/L	Ug/L
Manganese	200	459	21.2
Selenium	20	106	99.3