



CARTER LAKE FILTER PLANT

7100 W. County Rd. 8-E
Berthoud, Colorado 80513
(970)532-3624

February 23, 2023

To: Stan Linker, District Manager, Central Weld County Water District

From: Rick Whittet, Plant Manager, Carter Lake Filter Plant

Dear Stan,

This letter is in response to your phone call on February 23, 2023 concerning a customer complaint you received relating to color in the water supply. As your drinking water provider, I appreciate the opportunity to explain what may have caused a change in the color of the water.

In recent weeks, we have utilized Dry Creek Reservoir as a water source in addition to Carter Lake and have measured an increased disinfectant demand in the Dry Creek source. This increased demand is likely due to the level of organic matter in the water. At the treatment facilities, we add chlorine to the water as a disinfectant. A reaction known as oxidation between the chlorine and the organic matter in the water may be the cause for the tint that was observed.

At the treatment facilities, we continually monitor the level of turbidity and the chlorine residual levels in the water prior to the water leaving the facilities to ensure the water is safe to drink. I have reviewed the records for both treatment facilities for the current month and both treatment facilities have complied for both turbidity and disinfection standards.

As of February 21, 2023, we have stopped using the Dry Creek source to complete a maintenance project and I would expect the tint in the water to clear up in the coming weeks.

Please let me know if you have any further questions regarding this matter.

Sincerely,

Rick Whittet, Carter Lake Filter Plant - Plant Manager