



August 28, 2015

NOTICE OF WATER CONDITIONS AT DONNER SUMMIT PUBLIC UTILITY DISTRICT

All DSPUD Water Customers:

As you are aware, the District is experiencing difficulty in treating the aesthetics of your drinking water. The cause of the problem is twofold: 1) our raw water source, Lake Angela and 2) the District water treatment plant. The purpose of this letter is to inform you of what the District has done to correct the problem and what we have planned in the near future.

Cause

Lake Angela algal blooms have formed at an unprecedented level which has caused an increase in turbidity. (Turbidity is caused by particles suspended or dissolved in water that scatter light and make the water appear cloudy or murky.) The District's water treatment plant was not designed to treat this level of turbidity so consequently, dead algae is floating in the water tanks.

Actions already taken by the District:

- Constant fine tuning of the amount of chemicals used to treat the water.
- Opened and observed the filter media (media consists of anthracite coal, sand and gravel) for optimum functioning and cleaning.
- Reduced the amount of water being treated to relieve stress on the filter.
- Consulted with State engineers and the District's consulting engineer.
- Collected bacteria samples (results will be received on 8/31/15).
- Reconfigured piping in the treatment plant to maximize effectiveness.

Actions we will take over the next two weeks:

- Dose Lake Angela with algaecides in an effort to eradicate the algae. A licensed contractor will conduct the eradication and all necessary State permits will be obtained. All chemicals will be approved by the State. Contractor will advise of their schedule.
- Inspect the filter and make necessary repairs. Change out the filter media on Monday, August 31.
- Introduce an oxidant at the treatment plant that will aggressively treat algae and prevent bio-films from forming on the filter media. (Requires State approval).
- Within two weeks, vacuum the inside of the water tanks.

- Continue to take coliform bacteria samples for at least the next two weeks.

After the piping at the treatment plant was reconfigured on Thursday, August 27, the District observed positive results. We expect this improvement to continue, however, we will engage the aforementioned plan to continue the improvement process.

The District sincerely apologizes for this inconvenience. We take the delivery of your drinking water very seriously. Please feel free to contact me, if you have any questions or need additional information.

Sincerely,



Thomas G. Skjelstad
General Manager