



QUONOCHONTAUG CENTRAL BEACH FIRE DISTRICT
July 29, 2020

Dear QCBFD,

I am happy to report that the Boil Water Advisory for Central Beach Fire District Water System has been lifted by the RIDOH. Please see [this file](#), print it, and place it in your home. This notice which also includes Household instructions for coming off the Boil Water Advisory.

After many months, Well #1 has finally returned TC- for the months of June and now July. As per RIDOH regulations and requests we were able to supply 9 samples taken on July 20, 21, and 22 all of which returned absent for bacteria. RIDOH received the Certificate of Analysis from the laboratory on July 29, 2020 and lifted the Boil water advisory.

A second piece of good news is that for the week of July 4th this year, the community was able to conserve water and reduce the weekly water usage by 14.5% from the same week in 2019. Congratulations to the entire community for your efforts. This will be very helpful for the period of time when we may be chlorinating ONLY well #1.

RIDOH still demands that Central Beach undergo 4-log water disinfection despite this lifting of the Boil Water. The Public Works committee is in agreement and Central Beach will install a 4-log disinfection system, to prevent similar episodes from recurring in the future. This was discussed in the ZOOM instructional video.

The present plan will be to comply with the RIDOH 4-log mandate by the following:

- 1. Enlarge the pump house to allow room for the filtering and disinfection equipment. This will take about 1 year to permit and construct.**
- 2. Install a MIOX 4-log disinfection system with a UV pretreatment to reduce organic compounds in the water once the pump house is completed.**
- 3. A standard chlorine 4-log disinfection system will be temporarily installed on well #1 until the pumphouse is enlarged.**
- 4. Install an iron amelioration system, either green sand filtration or membrane filtration, to remove the iron and other material from wells #1 and #2 so we can have full water capacity and redundancy.**
- 5. Develop a dry well for water back flush of the filtration system.**
- 6. Develop a control panel with medium voltage grade surge suppression to minimize lightning related mishaps.**

The above plan, and related costs, will need to be approved by the community at the Annual Meeting in September or a special meeting prior to September. Given the COVID restrictions against public gatherings, I suspect that an earlier special meeting will not be possible. Further information on expected costs will be provided.

Vincent Reppucci

Chairperson QCBFD PW