

Chief Operator's Report for the Water Department

Prepared: December 28, 2009

Accomplishment Highlights:

- Pilot test status: Routine operations require that we change the coagulation scheme in the fall/winter typically sometime between October and January because the addition of only EC462 at 5 ppm does not adequately control for turbidity. This routine change involves reducing the dose rate of EC462 from 5 ppm to 2 ppm and adding ACH at 5 ppm. This transition at the plant occurred the week of December 14 and the turbidity results at the plant are in compliance.

However, the coagulation scheme for the pilot column has not changed from the use of alum at 32 ppm and we have seen a significant increase in turbidity. To date I have troubleshooted all mechanical parts of the pilot test and found no deficiencies. My next step to resolve this problem is to work with Ray Solomon to evaluate if we should also add ACH to the pilot and if so at what rate. This event will not delay my presentation of test findings on January 11, 2010.

- Completed six month monitoring for Lead & Copper.
- Attended a meeting with Mark Youngstrom from Otter Creek Engineering about our out of town customers.
- Completed LT2 Plan for Furnace Brook Intake (see attached).
- Completed Long Range Plan annual report for 2009, including draft Long Range Plan December 2009 Update (see attached).
- Updated overdue compliance activities with WSD – to date there are no outstanding public notices associated with Proctor Water Department.

In Progress:

- Preparing Public Notice for Temporary Operating Permit and 4Q DBP violation – should this notice include additional information about drinking water system improvements, income survey, etc.?
- Responding to annual certification requirements for drinking water products containing Acrylamide and Epichlorohydrin (due by January 31, 2010).
- Working on putting notes from flushing into a complete flushing procedure – 75% complete.
- Finalizing the Safety Manual with Steffanie and Brian.
- Routine water quality monitoring for December.
- Routine system maintenance for December.

Construction Project Updates:

Capital Project Funding

- Meeting with Water Supply Division and Rural Development scheduled for January 5, 2010 at 10:00 a.m. in Waterbury.

Field Street Well Improvements/Water Storage and Distribution System Improvements

- December 16, 2009 letter from Kevin Smith regarding environmental report (see attached).
- Time to schedule meeting with tank vendors to decide on size and type of water storage tank for East Side tank replacement.
- Samples for TOC testing at well have been ordered.

Income Survey

- Confirmed with Tom Clark on December 18, 2009 that he will assist us with an income survey.
- Draft survey form and methodology submitted to Water Supply Division for approval (see attached).

Meter Project

- Draft contract documents presented for review by Chief Operator.

Legal Analysis of Abandoning Outer District Main

- Discuss preliminary analysis memorandum from December 14, 2009.
- Pittsford Water Commission Meeting January 19, 2010 – engineer's recommended alternatives for those Pittsford residents impacted by abandonment.
- Letters to Chittenden and Pittsford Regarding Water Source for Proctor Public Drinking Water System were mailed (see attached December 17, 2009 and January 30, 2009 letters).

Beaver Pond Dry Hydrant Project

- Omya has agreed to grant an easement for the alternate location(s). We just need to submit a written request with the exact location. We should discuss the pros/cons of each location.

Paynter Litigation

- January 5, 2010 Hearing