

ORLEANS, BREWSTER, EASTHAM GROUNDWATER PROTECTION DISTRICT

BOARD OF MANAGERS MEETING

OCTOBER 10, 2012

Board of Managers Present: John Kelly, Chairman, Orleans; Charles Sumner, Brewster; Martin McDonald, Eastham.

Others Present: Jay Burgess, Chief Operator; Cyndi Bachman, District Secretary.

1. Meeting called to order at 9:00 a.m..
2. **A motion was made by Martin McDonald to approve the Board of Managers Minutes dated September 12, 2012 as amended. This motion was seconded by Charles Sumner and approved and passed. John Kelly abstained.**
3. **Chief Operator Updates – Jay Burgess:**
 - **Process** – The process is running well. Nitrogen was 31 mg./l at the point of discharge, and 10 mg./l to no detection at the wells. However, 31 mg./l is where they do our permit testing so that is the number we have to report. Last month we had it down to 19 mg./l. This month we had some exceptionally high ammonia numbers coming in. I think we are up around 240 mg./l incoming ammonia. According to most of the scientists, it is a one for one exchange, so we must have some type of denitrification going on in the system. I have modified the wells so that we can use them as an irrigation system for our clover fields which fixes nitrogen as well. We have a picket line of wells and are pumping out of the wells and watering the clover fields around the recharge beds. Inside the plant we get nitrogen removal by taking 17 gallons a minute of final effluent and putting it right back in the beginning of the process at the filtrate D box, adjusting the pH to around 8.6 and maintaining a D.O. of 0.2 creating the conditions for denitrifying bacteria. That is probably how we are able to maintain the lower numbers inside the plant.
 - **Maintenance** – At the last Board of Managers meeting I handed out a list of maintenance items to the Board that we will need to do this winter. I am adding the hydraulic rebuilt of the No. 1 Filter Press Feed Pump, which will probably add another \$15,000 to the list. I searched for about two months and there are no parts available, so we will need to have a hydraulic company come down to re-tool the hydraulics. We had the No. 2 Filter Press Feed Pump re-tooled two years ago and it is working great.

- **Catwalk** – The catwalk in the primary clarifier started getting rusty so we welded in new steel for safety.
- **RBC No. 1** – We have installed a new motor on RBC No. 1.
- **Filter Press No. 2** – We cleaned and power washed Filter Press No. 2, and we are dewatering the septage receiving tank, prepping for the clean out that I have been talking about. The bids are out and we have around eight companies that have responded to the bid. The last couple of times we only had one company bid. The bid openings will be on October 16, 2012.
- **Brewster Pump Letters** – The Reminder to Pump letters to Brewster have all been mailed out. The flow for Brewster has been up the past couple of months due to the letters, and almost all of the haulers have been working the Brewster pumpings.
- **Orleans Pond Coalition** – They have scheduled a tour of the plant on October 25th to get a better idea of what we do here. We conducted two tours for them over the Orleans Water Weekend as well.
- **U.S.G.S.** – John Kelly requested U.S.G.S. provide an advanced copy of their report for the Board of Managers review prior to the scheduled presentation at the Orleans Town Hall.
- Jay stated he will give Peter Weiskel a call after today's meeting.
- John Kelly stated it would be preferable to hold the meeting on a Tuesday night at the Orleans Town Hall, and have it taped for the other two towns local access television stations.

4. The Board reviewed the District's bank balances.

5. **A motion was made by Martin McDonald to approve Treasury Warrant No. 4 for payment. This motion was seconded by Charles Sumner and unanimously approved and passed.**

6. **Old Business:**

- Martin McDonald asked if the Orleans Board of Selectmen have a costs comparison showing the cost of operating this plant between now and 2015, and the cost for demolition of the plant as part of the decision making process.

- John Kelly stated his Board of Selectmen have not met yet. There were numbers that Wright-Pierce Engineers had put together, which was a million dollars to demolish the plant and restore the property to its original condition. The CWMP did an estimate as well stating it will cost a million dollars to demolish the plant. The Orleans Selectmen will decide what they want to do and then call a meeting of the three Boards of Selectmen for discussion.
- Charles Sumner stated he will add that to his capital plan, as well as letting his employees know about the public meeting.
- John Kelly stated there will probably be an Executive Session with respect to real property negotiations. The Intermunicipal Agreement talks about the appraisal and what each town will receive.
- Martin McDonald stated the Board of Managers needs to be kept informed as things progress.
- Charles Sumner stated he is not sure of the long term needs of the plant, but if we do have some functional needs and we are going to continue working together in the long run at some capacity, my preference would be to try to find a way to stabilize the conditions of the staff so we can keep them for the future. We have good people who have a lot invested here, and I would hate to lose all that experience. He also stated that on the legislative front, the House has passed the Special Legislation. He will be meeting with Sarah Peake and Dan Wolf later this week on another project and will ask them for an update.
- John Kelly stated Orleans Town Counsel, Mike Ford, informed him that Brewster's version of the Special Legislation was the final version that was presented to the House.

7. A motion was made by Martin McDonald to adjourn the meeting at 9:45 a.m.. This motion was seconded by Charles Sumner and unanimously approved and passed.

Respectfully submitted,

Cyndi Bachman

Cyndi Bachman
District Secretary