

ORLEANS, BREWSTER, EASTHAM GROUNDWATER PROTECTION DISTRICT
BOARD OF MANAGERS MEETING
June 18, 2014

Board Present: John Kelly, Chairman, Orleans; Charlie Sumner, Brewster; Martin McDonald, Eastham.

Others: Jay Burgess, Chief Operator; Cyndi Bachman, District Secretary; Beverly Carney, Orleans resident.

1. Meeting called to order at 9:10 a.m..
2. A motion was made by Martin McDonald to approve the Board of Managers Minutes dated May 14, 2014. This motion was seconded by John Kelly and unanimously approved and passed. Vote: 3-0

3. Citizen's Forum:

- Beverly Carney stated she has been hearing a lot of talk about a no discharge zone at Nameskaket Marsh. What is that based on?
- John Kelly stated the Orleans Selectmen have voted that any plan involving the reuse of this property would have no discharge into Nameskaket. This is based on the Board's position.
- Beverly Carney asked if that was based on any study?
- John Kelly stated, no, they basically want to look at alternative locations for disposal.
- Beverly Carney asked if that was a public meeting?
- John Kelly stated yes they are all public.
- Beverly Carney asked if he knew where she could find the reference to that discussion.
- John Kelly stated it was prior to the town meeting and prior to the Board finalizing the article and it was probably in April.
- Beverly Carney asked if this was a political decision?
- John Kelly stated it was basically a policy decision of the Board of Selectmen.

4. Chief Operator Updates – Jay Burgess:

- **Process** – All lab testing was in the single digits, except for nitrate. We have been running the sand filters for quite sometime trying to get the conditions for denitrification. We have met most of the conditions, however, we are still having a problem getting the dissolved oxygen down as low as we would like. Before we had a nitrate level of 47 mg/l. After adding the Micro C, we experimented with it at different rates and managed to get it down to 19 mg/l, and we are hoping for better numbers than that. We have four drums left of the Micro C, and that will be the end of the pilot test. The filters are designed to be sand filters. They also can be used as denite filters with modifications. In our case, they are designed to remove suspended solids, not soluble nitrate. Without the proper conditions, anaerobic and pH, which we are just missing the anaerobic portion, we are not going to get ideal conditions. Methanol versus the Micro C could create those conditions for us, but upon studying the requirements for using the methanol, I don't think it is favorable for a pilot study because there are too many conditions to be met for storage. It has a high flash point. A teaspoon ingested can cause blindness, and there are a number of issues that aren't worth dealing with without having a proper methanol facility built for that single purpose. Micro C does not have these issues.
- John Kelly asked if we have ever had an engineer submit a plan to DEP for consideration?
- No, we are still waiting to see what is going on with the facility study. We will continue with the Micro C now that we have determined that the methanol is too much work without an upgrade and we will gather whatever numbers we can using the Micro C. We probably have another month of running it. There are a number of issues that will have to be corrected. One is there is no means of backwashing the media and sending it back to the receiving tanks. There are also a few hydraulic issues, nothing major, but it would have to be corrected if we were to use it on a full time basis. Right now running them the way they are on the pilot study we are returning 10,000+ gallons a day of backwash water to the receiving tanks, which during the busy season will take 10,000 gallons of flow away from us. If they do decide to upgrade this facility they are going to have to address that.
- **Maintenance** – We had no major maintenance issues over the past month, however, it did take us all month to prep the failed RBC media and get it all cleaned up before the Bourne Landfill would accept them.
- **Bar Rack** – The new bar rack is now installed and doing a great job.

- **Collection Agency** – We fired the Cape and Islands Collection Agency in an attempt to collect from Neighborhood Wastewater Service. HF Holdings is the new Collection Agency and my last conversation with them about a week and a half ago, was that they had received a check from Neighborhood in the amount of \$10,000 and was promised more. They said they would hold that check until the end of June and would forward it to us, minus their 25% fee. The owner is dealing directly with the collection agency, and Neighborhood actually called the collection agency to contact us to see if they could have access to the plant for disposal of an emergency load. I told them not until we have received at least \$10,000 from them, and then they could come to a Board of Managers Meeting and perhaps be allowed to discharge on a COD basis until they are caught up, but not until then. I tried to get in touch with the new collection agency yesterday and today but they have not gotten back to me. They were very aggressive at first, but now I seem to have trouble in getting in touch with them the past couple of days.
- Martin McDonald asked what determines an emergency load.
- Jay stated generally speaking an emergency load to the haulers is not an emergency to us. To me an emergency is a situation where septage would be on the ground creating unfavorable conditions, or grease traps, to the point of where the Board of Health in that town is notified. That is the first question I ask when someone asks me if they can come in with an emergency load. If it is not on the ground it is not an emergency and if it is not in the District, it is not an emergency. Generally the emergency goes away. A lot of times I will get a call from Provincetown, Yarmouth because their plants are not open, and it is an emergency for them, but they are not in the District, so it is not considered an emergency. We do have emergency rates and it is up to our operators on call who come in and get three hours overtime, and it costs the hauler an additional \$180.00 to open the facility.
- Martin McDonald stated, it also means having an operator come into the plant after hours.
- Jay stated yes. However, when I received the call for the Neighborhood emergency, they were seen parked down the street waiting for us to say it was okay. Along those lines the Board asked me to put together a letter for Ocean Edge for next year. I am sure Ocean Edge paid Neighborhood, but we did not get paid. During the sale next year we could offer them direct payment to us in order to receive the discount. In September and October they will be sending out their requests for pumping services for the winter months.
- John Kelly stated I think we should wait until the early Fall to send them a letter. Let's look at the draft letter at our September meeting and finalize it and send it to Ocean Edge, putting them on notice.
- **Repairs** – All of the steel has been ordered for the clarifier repairs. As soon as it comes in, Brewster Welding will be here to work on it, as well as work on the stairs.

- Charlie Sumner stated he will have to go back to his Board for approval to release funds for these items.
- John Kelly asked that Jay give Charlie copies of the costs estimates or proposals so his Board can sign off on them.
- Martin McDonald stated Sheila Vanderhoef, Eastham Town Administrator, would also have to sign off on them.
- **Additional Maintenance Items-** We can do these repairs under regulation maintenance. These items will become emergencies if we don't address them:

Odor Control – One fume exhaust at \$7,000.

Odor Control Pumps - \$12,000

Sand Filter Air Compressor Monitor - \$300

RBC Media - \$8,000 to \$10,000

Septage Receiving Pump - \$10,000

Filtrate Pump - \$22,000

Plant Water System Pumps – No prices as of yet

- John Kelly asked Jay to make a list of priorities to be placed on the Agenda for next months Board of Managers meeting. He stated those items can be funded through the District's operation budget, and if there is not enough monies, then they are eligible for the \$300,000 from the three towns, which is not available until July 1st.
- **MIIA Insurance** – We received a check from MIIA for about \$4,500 for the snow plow. It cost \$5,000 to fix it, minus the \$500 deductible. This has not been done yet.
- **Receiving Scales** – Two scale companies looked at the scales to see if we could pull the good pieces off the tanker scale and make one working scale out of it. They gave an estimate of \$2,100 in labor if it didn't need any parts. If it needed a new circuit board, the cost would be an additional \$750, and if it needs new load cells, the cost is an additional \$750 for each load cell, and there are eight of them. We could probably repair it in the Fall.
- **Reminder to Pump Letters** – We would like to send the Reminder to Pump letters out for Fall pumpings in August, for the towns of Brewster and Orleans.
- **Tractor** – We have a large tractor that runs fine, however it was designed for working down at the compost building and handling huge piles. We still need a tractor for doing our grit rags, but the one we have is too large and does not have the ability to add any other piece of equipment to it. I am sure it is worth a good amount of money and I would like permission to see what we could get for it and down size it considerably to one that we can use.

- John Kelly stated there is a minimum value and you have to run a legal ad and have to have sealed bids.
 - Jay stated he will do some research on it and find out the value.
 - John Kelly stated Jay can check on State Contract and bid on the equipment and use the tractor as a trade in.
 - Charlie Sumner stated Jay should contact Elaine Davies, Barnstable County Procurement Officer, and she would probably put the spec together and bid it for you.
 - John Kelly stated he would get Jay the State bid contact information.
5. **A motion was made by Martin McDonald to declare the Trojan Front End Loader as surplus equipment and authorize the Plant Manager to dispose of the equipment as appropriate under the State Procurement Laws. This motion was seconded by Charlie Sumner and unanimously approved and passed. Vote: 3-0**
 6. **A motion was made by Martin McDonald to approve Treasury Warrant Nos. 10 & 10A for payment. This motion was seconded by Charlie Sumner and unanimously approved and passed. Vote: 3-0**
 7. **A motion was made by Martin McDonald for the Board to sign the Auditors Representation Letter. This motion was seconded by Charlie Sumner and unanimously approved and passed. Vote: 3-0**
 8. **A motion was made by Martin McDonald to adjourn the meeting at 9:55 a.m.. This motion was seconded by Charlie Sumner and unanimously approved and passed. Vote: 3-0**

Respectfully submitted,

Cyndi Bachman
District Secretary