

MINUTES
May 23, 2006

The regular meeting of the Board of Sewer Commissioners was called to order at 7:00 P.M. by Elaine Fiore. Members attending tonight were Elaine Fiore, Peter Cobb and Sean Walsh. Also attending from CDM was Tom Morgan, Don Freeman and Joe Laliberte.

Richard Sheehan had an appointment at 7:00 P.M. to apply for sewer service for 2 new vacant lots he owns that were subdivided from the original lot, 17 Spring Street. He said that the lots were approved by the Planning Board on March 28, 2005. Only the original house lot at 17 Spring Street existed when the Phase 2 list was established.

Ms. Fiore explained that the plant is at capacity. Existing lots were provided sewer service. No capacity remains to be given to any newly divided lots. The only way to get sewer service for the lots would be through an expansion of the treatment plant. Planning Board approval does not mean that sewer service is available. The original lots list was established early on in Phase 2 around June of 2004.

Mr. Sheehan stated that he has given his name to the Sewer Commission several times at public meetings but that he does not get any notices in the mail.

Since the lots are not on the list to receive sewer service, his name is not on the list to receive mail.

Mr. Sheehan asked why other lots have received sewer service. Ms. Fiore replied that Phase 1 had vacant lots that received betterments and they were allotted sewer capacity for a single family home. There was no capacity allotted to the Spring Street lots as they did not exist when Phase 2 was established.

The Board explained that a plant expansion is in the planning stage. There is no State funding available for an expansion. It would have to be funded by the people that need the service. Until then, the Board has to wait until Phase 2 is complete to see if there is any remaining capacity available. New or extra services cannot be approved until Phase 2 is completed due to the possibility that the plant could violate its' permit. Violating the permit could cost the Town a great deal of money in daily fines. DEP is concentrating on servicing property that has need for sewer service and that has an existing dwelling.

Ms. Fiore explained that all of the Town boards have been notified that there is no capacity at the plant. They have been asked to send applicants to the Sewer Commission first and to notify anyone getting a subdivision approved that there is no capacity for the new lots. Approval by another board does not guarantee sewer service.

A list has been established for people interested in new services. The request will be placed on this list and a letter will be sent confirming their placement on it. Mr. Sheehan confirmed that his address was P.O. Box 669, Marshfield, Massachusetts and provided a telephone number. He asked who was ahead of him on the request list. Several other projects were mentioned.

Frank and Gail Catani met with the Board at 7:15 to request a new sewer service for a new house lot they have subdivided from their current house lot on Jones River Drive. Mr. Catani asked if the Maple Street development had sewer capacity set aside for them. Ms. Fiore stated that they did have capacity allotted to them now that the Purchase and Sales agreement has been signed. The project met the deadlines and was approved

for sewer. They applied for service in 2004. New Rules and Regulations were established last year by the Sewer Commission. State Legislation is pending to allow the Sewer Commission to place a moratorium on sewer connections.

Mr. Catani provided a copy of General Law #80 for the Board to review. He stated that he has always had 2 lots but that they have been reconfigured. He said they should have the right to connect before Stop and Shop and other properties and businesses on the hill on Summer Street connect.

Ms. Fiore stated that there is no more capacity at the plant as previously reviewed with Mr. Sheehan. If they feel that they need to pursue General Law #80 then they should do so. The Board cannot approve new lots until Phase 2 is completed and remaining capacity can be determined.

Henry Stout of United Rentals and contractor for the Bog project was present to ask how far the line was being brought down Summer Street. He was interested in sewer being brought to Independence Road. The Board stated that the sewer was only going as far as the intersection of Summer Street and Tarkiln Road. The Bog and Sullivan Brothers are extending the line at their own expense because there was capacity for them. There is no remaining capacity for anything else. The Board will put a place holder on the request list. Mr. Stout needs to provide a list or a flow estimate of what he is considering for development.

Brad McKenzie, of the Bog project, asked about the construction schedule and the status of the pump stations. Mr. Freeman stated that Revoli is stating the sewer lines will be done by July and that the pump station will be done by Thanksgiving. The Summer Street station will not need to be upgraded for the temporary connection but will have to be done in order to accommodate the new pump station. Revoli's schedule says they want to get the station started by October and finished by Thanksgiving. The shop drawings have not been done yet and none of the equipment has been ordered.

Mr. McKenzie asked what would happen if the Bog is ready in September and neither of the pump stations are ready. Mr. Freeman replied that the gravity line should be ready by July.

Mr. McKenzie said they would like to set up a temporary pumping system from the wet well at the new pumping station. They could set up a temporary 4 inch forced main. Mr. Freeman stated that the contractor would put in a change order to finish the pump station with an active wet well. The Town will not accept the station until it is completely finished and tested. The Bog would have to be responsible for the pump should anything fail.

Mr. McKenzie said that they need to know what to plan for so they know whether they need to apply for a sewer extension permit with DEP. The flow from the rink will be 3000 gallons per day by Title 5 regulations. The tennis club is over 10,000 gallons per day by DEP calculations. The actual flow is about 6000 GPD for the tennis club and both facilities together should be about 8000 GPD. Mr. Freeman said he would have to discuss this with the contractor. It will involve a change order to the contract.

Mr. McKenzie said that they could regulate the flow to the station if they put in some kind of holding tank. CDM mentioned the capacity of the wet well being about 3000 GPD and that it would have to be pumped every day.

The best solution to this problem would be to offer a bonus to Revoli to get both pump stations done by the Bog's deadline date. The bid price for the pump station at McDonald's is \$220,000.00 and for the Summer Street center upgrade is \$240,000.00.

DEP would have to approve the temporary connection and the Town would need a legal document from the Bog stating they would take the responsibility if something fails. The Town will not own the station or the sewer lines until they are tested and accepted.

Mr. Freeman suggested that they put in 2 new manholes on private property in order to bypass the Town sewer line. He estimated that it would take 3 months for Revoli to get the shop drawings approved. After approval the equipment will have to be fabricated. They probably will not meet the deadline even if a bonus were offered. He suggested discussing this with Revoli on Thursday, May 25, 2006.

The contract deadline is August 2007. The contractor is not obligated to get the station done at any designated time.

DEP should be notified that a temporary pump might be used to accommodate this connection. If the Town has not accepted the sewer lines or the pump station then DEP would need to know that the Bog will be responsible for any overflows that might occur.

They discussed the sewer line extension they are planning. Two septic systems exist on site at the Kingsbury Club. There would need to be 2 separate pipes run for the 2 buildings but they could be run in the same trench.

The change order associated with extension will be paid for by the Bog. The cost would be deducted from their connection fee. They would need to finance this independently, not through the Town. The remaining balance on the connection fee would be applied to the tax bill for 30 years. CDM estimated it would cost a minimum of \$80.00 per foot for the extension and that it would require another manhole. The minimum cost would be \$25,000.00.

Norman Short reviewed 138 Summer Street. There are retaining walls on both sides of an 8 foot space available to excavate within. There is a steep grade in the back. The use of a trench box would be impossible. Mr. Short proposed using a grinder pump for this house because it has a brick foundation. Altering the plumbing would not be stable for the foundation. He would like to use a pump and connect to the other side of the house.

MOTION, by Elaine Fiore, seconded by Peter Cobb, to allow a grinder pump to be used at 138 Summer Street. The motion was unanimously voted.

The Board reviewed the Thorndike Development proposal for two options for a new highway ramp near the treatment plant. Option 1 would pose no problems to the treatment plant. Option 2 would fill in the detention basin.

A third SBR should be sized by the end of this week. The shape of the tank can be rectangular or any shape required. The lower level would be extended to accommodate another sludge holding tank. A second GBT would be added to the main level and the building extended out toward the parking lot. A fourth tank would be extended out where the parking area is located now. The plant will run properly with 3 tanks even if Thorndike connects but should be run on 4 tanks in normal operating conditions.

Ms. Fiore mentioned that the Board currently has requests for up to 300,000 gallons per day of additional flow. The expansion should probably be planned for a total

of 5 SBR's when the expansion is completed, or 3 new SBR's. This will allow for room in the event of an emergency and allow for the potential to bring in revenue from septage.

Mr. Freeman continued that the parking area would be gone with 4 SBR's. Future expansion would be problematic if option 2, the smaller ramp, were built. The ramp access road would be relocated to the same location with either option. Parking could possibly be relocated toward the transfer station. The transfer station may need to be relocated.

Ms. Fiore stated that the Board needs to protect the potential disposal site at the transfer station. The department will also need a revenue source. The plant will still be at capacity with SBR 3 and 4 if Thorndike and other proposals are built. CDM should plan for a 5th SBR.

Mr. Freeman stated that there may be a need for another disposal site for a 5th SBR unless Virginia Davis will allow enough space for 600,000 gallons instead of 300,000 gallons. A minimum of 2.3 acres are needed for piping and 3.2 acres allowing for a buffer area. The Board should request 5 acres. They may be able to get an access to the property through the Thorndike property.

At present, a splitter box would be placed in the line that goes to the golf course and branch the effluent line to the Davis property. The line would go through the 20 foot easement. If a box were placed on Marion Drive, then the line would go through the Thorndike property to the back side of the Davis property. The Thorndike route would be more costly unless Thorndike runs the pipe for the Town. The Tonsberg route would be shorter if the Town has to pay for it.

Mr. Freeman stated that the Town should try to minimize the number of disposal sites. Three sites at the golf course, the Davis property and the transfer station could be managed. Thorndike has mentioned using effluent to irrigate the grassy areas along a bike path. This could be a potential health hazard if the effluent quality were to drop. The path could be used as leaching area but it would need another DEP permit.

The Board has heard that it may be possible for the new 40R project to get money for sewer infrastructure. Mr. Freeman said he would look into this.

Mr. Vandal discussed the sump pump on East Avenue. The house had a sump pump connected to it. It appears the previous owner may have disabled the high level alarm to accommodate the excess flow from the sump pumps. The button on the box for reset is gone.

Maureen Thomas is going to speak to the Conservation Commission about illegal sump pumps. In heavy rain over 120,000 gallons extra came from Phase 1 illegal sump pumps. They have to be disconnected. They should not be sending flow to the plant and it is creating a problem.

The generator for the school was discussed. Switch gear should be put in at the school so that their generator will be able to run the pump station.

The house at 145 Summer Street was reviewed. 145R was listed as having no living space but there is water in the building. The Board decided that a second ERU will be assessed to this parcel for the additional building that has water.

Department bills, letters, memos and lien forms were signed and will be distributed tomorrow.

The Board requested that another memo be prepared and sent to the Building Department, the Planning Board and the Zoning Board of Appeals regarding the lack of sewer capacity for new lots.

A sump pump inspection program was discussed. Mansfield has By-Laws to allow inspections to be sure the rules and regulations of the sewer department are being followed. If the owner does not allow an inspection then a fee is charged and added to the tax bill. If the Sewer Commission were to adopt such a program, the amount of the fee would have to be established and a public hearing held to formally adopt the program. A crew of 2 people would have to do the inspections, probably after regular business hours during overtime hours.

The next construction meeting is scheduled for Thursday May 25, 2006 at 8:00 a.m. with Albanese Brothers and at 9:00 a.m. with Revoli Construction.

Building permits were reviewed for 186 Summer Street, the Bog, and for 2 Alden Street. The Board approved the permit for 186 Summer Street but decided not to approve the permit for 2 Alden Street until they see proof of the approval from the Zoning Board of Appeals. This property has 1 paid betterment assessment. A memo will be sent to the Building Department.

MOTION, by Elaine Fiore, seconded by Peter Cobb, to adjourn the meeting at 10:20 P.M. The motion was unanimously voted.

Suzanne Richards
Administrative Assistant