

MINUTES
January 13, 2009

The regular meeting of the Board of Sewer Commissioners was called to order by Elaine Fiore at 7:00 PM. Members attending tonight were Elaine Fiore, Peter Cobb and Sean Walsh.

MOTION, by Elaine Fiore, seconded by Sean Walsh, to accept the minutes as written for October 7, November 12, November 18 and December 4, 2008 and the Regular Session Minutes for January 7, 2009. The motion was unanimously approved.

Department bills were signed for \$5538.07, \$53.47 and \$127.00. A sewer bill adjustment for \$53.96 was also approved and signed.

A letter to the Building Department regarding building permits was reviewed and approved as was a letter to Indian Pond Country Club regarding user fees.

Site plans for 2 parcels on Marion Drive were reviewed, initialed and dated. There is no sewer in this area so the site plans will be returned with no comments.

Ms. Fiore reported that the site review that had been planned for Friday January 16, 2009 for the Thorndike 40B project has been postponed until Thursday, January 22, 2009 due to the weather prediction for extremely cold temperatures on Friday, January 16th.

Ms. Fiore discussed that Mr. Vandal's vehicle needed to be replaced. She will pose using department funds to purchase a replacement vehicle. Mr. Vandal would prefer replacing it with a vehicle similar to the one Mr. Basler has rather than getting another small pick-up truck. Ms. Fiore discussed whether the old truck should be donated to the Town or not. It needs repairs.

The Finance Committee has not sent any notice to inform Mr. Vandal about the appointment to review the Wastewater Department budget, Ms. Fiore will discuss this with them and report the date and time to Mr. Vandal.

David Baker and Jack O'Leary met with the Sewer Commission to discuss RK Crossing. Mr. Baker stated they do not have enough flow for the entire building. They had proposed connecting ½ of the building to sewer, with the bank and Java Hut and leaving ½ on the existing septic system. When the internal connections were opened up they found the Dollar Tree connection went directly to the leaching field. Ms. Fiore asked who had authorized them to leave the Dollar Tree on the septic system. Mr. Baker replied that they had put the sewer line in to the center of the building thinking that all of the flow went to the center of the building but that when they dye tested the line they found Dollar Tree went straight to the septic system. Ms. Fiore continued that such complications should be reported to the Sewer Commission to get approval for any new changes to the plan. The Board approved ½ being connected to the sewer and ½ being connected to the septic system. Mr. Baker continued that on October 21, 2008 he was

asked to send in a request for additional capacity, which he did. He provided an as-built drawing for the sewer connection with a cover sheet and a cover letter that reviewed the connection and requested the additional capacity. If the Board had questions about the connection then they should have contacted him. Ms. Fiore said that at that point the connection had already been altered and an as-built provided for a different connection. The agreement was for ½ sewer and ½ septic. The whole plaza should be on sewer. Capacity was given according to how the complex was laid out and occupied at the time. The as-built was provided after the fact stating how the building was connected. The 1/2 that was supposed to be connected is not connected. Mr. Baker repeated that they thought everything flowed to the middle of the building. Ms. Fiore replied that the Board relied on them to complete the connection as approved and that it was not and the Board was not notified in advance.

Mr. Baker said that unit #13 is 5050 SF and is the most likely space to connect as a restaurant. He reviewed Title V flows for restaurants and retail space. The Hockey and Lacrosse store is now in unit #14. Dunkin Donuts wants 19 seats. If a restaurant had gone into the vacant space there would have been 70 seats. The space is not being used as a restaurant. Only about 800 gallons of their 3300 gallons is connected to the sewer. They thought there was plenty of capacity for Dunkin Donuts because the allocated flow has not been used up. DEP says you can have sewer and septic on the same lot. The current building produces more than what has been allocated. The way it is connected they have enough capacity to connect Dunkin Donuts with 71 seats. The Dollar Tree would only be another 500 gallons. Connecting ½ the building is not close to 3300 gallons even with Dunkin Donuts. They have requested an additional 7000 gallons to service the rest of the shopping center in the October 2008 letter. Ms. Fiore stated that she would like to consult with the Conservation Commission and the Board of Health about this because they were involved with approving the 50/50 split. Mr. Baker continued that they did test pits of media at the septic system site and checked the status of the leaching field. Everything tested well. Ms. Fiore asked if the Board of Health is OK with the Dollar Tree remaining on the septic system. Jack O'Leary said he had worked at this site many times and from 1994 a similar business was posed for the site and a competitor objected to it. That could be how the original Conservation Restriction came about. The Sewer Commission memo restricts the Dunkin Donuts to 11 seats instead of 19 seats. Mr. Baker added that there is excess capacity there for Dunkin Donuts. Ms. Fiore stated that there are other plazas that are proposing to maintain septic systems even though they are connected to the sewer. The Town regulations now restrict sewer and septic in the same parcel. If the Board approves the 19 seat Dunkin Donuts then the owner of another plaza is going to come forward and ask the Board of Health to allow a use of his building that exceeds his sewer capacity. The Sewer Commission needs to check with the other boards and will do so as quickly as possible. Mr. O'Leary said he has been told by counsel that towns always worry about setting precedent but it should be the facts of the case that matter. Mr. Baker stated that they could connect the Dollar Tree to make the 50/50 agreement complete. Ms. Fiore said that it is not unusual that someone wants a change in use for their property that the Sewer Commission has to refuse. The Board will check with the other departments as soon as possible.

Lloyd Geisinger, Dave Eastridge of Geohydrocycle (Project Manager), Hank Ouimet of Weston & Sampson (Integrated Services) and Lyndsey Wilson met with the

Board to review a proposal comparison with the Sewer Commission. Mr. Geisinger reviewed that he had met with Weston and Sampson (WS) in order to obtain a cost comparison of the SBR/MBR options and the CDM cost estimate. WS felt that mixing technologies was not feasible. Mr. Ouimet said it seemed the plant could get reuse quality effluent with the current technology. Mr. Geisinger said he asked WS to update the CDM estimates from 2 years ago and that the WS number was within 1% of the CDM figures without any information being shared. Taking the CDM numbers and adding 9% escalation to it resulting in a difference of only about \$100,000.00 on an 18 million dollar project. The CDM estimates are no longer in question. The new question is how can we get everything built?

The first analysis pointed to the good soils having been mined off the O'Donnell property. They would not have the ability to discharge at the Davis site because it is in the aquifer zone. Since then Geohydrocycle has done testing in the site and found the eastern end of the property near Marion Drive capable of handling a leaching field. Mr. Ouimet has prepared a new analysis based on Kingston's Place (KP) installing its own treatment plant and the Town adding 1 SBR for the plant expansion. The report lists cost projections for 3 SBR, 2 SBR and 1 SBR expansions. KP would be a private plant discharging wastewater on its own site. Mr. Ouimet stated that the current plant is designed to accommodate a 10 million dollar, 1 SBR expansion. A second SBR would require a new headworks, biofilter, etcetera, which adds a tremendous amount to the cost estimate for a total of 18 million dollars. The WS estimate is for an expansion that would provide for Class A effluent reuse. He met with Alan Slater of DEP about the potential to use KP as a pilot program for reuse of water for irrigation. One obstacle in a mixed use setting is who will be responsible for the reuse of the water. Private owners usually want to decrease the leaching area because of the reuse plan. DEP would want a backup plan if the water could not be reused. KP could use the 7 acre pond planned for the site in times when the effluent quality might not be acceptable. If the Town was interested in partnering in this reuse plan then KP would pay for the water creating a revenue stream. The cost savings between building their own plant and paying for the reuse water would be less than what the Town charges in user fees. If there is no water reuse then they would have to drive an irrigation well. They have estimated they would need 120,000 GPD from April through October. With the 1 SBR plan KP would provide the leaching field on the Davis property. The reuse water would come from the municipal plant. KP would not use the Davis property at all. They would discharge from their own plant on their own site. In the short term they would ask to use 50,000 gallons of the Town's expanded SBR temporarily to allow them to delay construction of their own plant. Ms. Fiore stated that this could pose a problem because it would mean another pumping station pumping to the plant. They have been told another pumping station would require another headworks. A draft proposal was distributed.

Ms. Fiore asked about the proposed 40B project. Mr. Geisinger said the 40B would be under 10,000 GPD and that they want to put a leaching field on the site. The intent is to build a treatment plant for the 40R and then connect the 40B to their own plant later. They would like to build the leaching field near Smelt Brook to provide hydrogeo benefit to the brook. Ms. Fiore said the Board would review and discuss the material provided tonight and that she would be in contact with Mr. Geisinger.

The Board discussed the material reviewed tonight. If the water reuse proposal is considered they have to make sure that the Town is not liable for any potential health hazards. The Board should check with DEP about whether they would allow a private plant to reuse their effluent at their site for irrigation. What about taking 50,000 gallons from KP to the new Town SBR? Once buildings are connected to the Town facility they can't be disconnected if the KP plant is not built. This would take the Town capacity away from the waiting list.

Regarding RK Crossing, the Board needs to check with the Board of Health to see if they know about the change in the sewer connection plan.

The Board asked Mr. Vandal to look into obtaining a lakeside unit for the plant and an equalization tank if a 1 SBR expansion is chosen. Mr. Vandal said he was concerned about the Jones River pumping station taking on more flow from the Summer Street area. It could become overburdened.

MOTION, by Elaine Fiore, seconded by Peter Cobb, to adjourn the meeting at 9:00 PM. The motion was unanimously approved.

Suzanne Richards
Administrative Assistant