

Date of Meeting: May 14, 2009

Kind of Meeting: Business

Place of Meeting: Village Hall

Members Present: Robert Murphy, Chairman
Robert Liffland
Tracy Durkin
Wayne Osborn
Colette Zito
Beth Coursen

Consultants Present: Seth Sheridan of Environmental Consultants
Steve Mance of Environmental Consultants
Glenn Garside of Environmental Consultants
Ron Gainer of Stantec Engineering
Jim Fitzsimmons of Stantec Engineering

At 7:00 p.m. the regular business meeting of the Pawling Joint Sewer Commission was called to order by Chairman Robert Murphy with the Pledge of Allegiance.

MOVED by Robert Liffland, SECONDED by Wayne Osborn to approve the minutes of the April 9, 2009 meeting as presented. All were in favor and motion carried.

MOVED by Beth Coursen, SECONDED by Tracy Durkin to approve the Treasurer's Report of April 1, 2009 through April 20, 2009 as presented. All were in favor and motion carried.

MOVED by Tracy Durkin, SECONDED by Wayne Osborn to approve the payment of the April, 2009 vouchers and the May, 2009 prepaid vouchers as presented. All were in favor and motion carried.

MOVED by Tracy Durkin, SECONDED by Wayne Osborn to approve the Correspondence Log of May 1, 2009 as presented. All were in favor and motion carried.

Consultants: Business/Reports

Attorney Report

Chairman Robert Murphy said he has nothing for the attorney report except further down on the agenda is the resolution for the easement for the Baxter Green pump station.

Engineering Report

Ron Gainer said he didn't have anything except for what items are further down on the agenda.

Sewer Operator Report

Seth said the general operations are all good. He said they were just slightly under permit for the month and just slightly over permit for the year to date flows.

Seth went over his monthly report. REF#315

Water meter has been replaced. The Backflow preventer has been tested. Croton pump station alarm has been fixed. New impellers have been ordered. They normally last 2 years max.

Seth said they were called out to 19 Allison Dr. He said it was a problem with the property owner's lateral.

Seth said they put about 20 more manhole inserts in. They have some more to do.

He said they started putting the header together in building number one.

Chairman Robert Murphy asked if anybody has any questions.

Rob said he has a few things. He said he got two calls on the sewer problem with the E1 pump and he is wondering what is the protocol as far as doing any inspections on it. He said one call he got is that the Commission didn't have keys for the pump station and he's wondering why they don't and should they change the locks and are those pumps being inspected. Seth said they generally don't inspect them. He said the only way to really inspect them is to actually physically pull the pump out because they are a sealed pump station. Rob asked if the Sewer Commission owns them. Chairman Robert Murphy said yes, the Commission owns them. Rob asked why they are not getting inspected then.

Seth said the whole pump will have to come out each time. Rob said he didn't think so, that it looks like there is a chamber. Seth said all the pumps down on Allison Dr. are sealed units, the pump is actually bolted in. Seth explained how it is sealed. Rob asked Ron Gainer if he know how these things are. Ron said you can't just look down in there, you need to pull the lid and the pump is attached to the lid.

Rob asked if they should be inspected. Seth said it is a lot to do that, maybe they might want to do it semiannually. He said they did see some grease in the past in these pump stations. Tracy asked if there is some way they can introduce the degreaser solvent. Seth said it would have to be done by the homeowner. Chairman Robert Murphy asked Seth to come up with some sort of idea on how these pumps can be inspected. Rob asked if the key situation was resolved. Seth said he's not sure about all of them, he said he doesn't know who put the locks on there to begin with. He said he has to go around and check them.

Chairman Robert Murphy asked if there are any more questions. There were none.

New Business

MOVED by Beth Coursen, SECONDED by Tracy Durkin to approve the transfer of \$3,001.50 from Capital Improvements MMA#15004203346926 to O&M MMA#1500421954608 for engineering vouchers. All were in favor and motion carried.

Chairman Robert Murphy said they have a letter from a resident, REF#308. He said the customer said in his letter that he spoke with the Town Clerk. Chairman Robert Murphy said it wasn't Linda the customer spoke with.

MOVED by Beth Coursen, SECONDED by Colette Zito to approve the penalty waiver of \$29.97 as requested in letter. All were in favor and motion carried.

Chairman Robert Murphy said the next thing on the agenda is the Welsh Sanitation contract. He said he had Dave Wise take a look at it and Dave said it looked OK to him. Chairman Robert Murphy said it's basically the same as the last one, the same price.

Rob asked if there is a reason the village can't pick it up. Chairman Robert Murphy said probably because it's commercial. Rob said they should look into the village taking it. Seth said it's trash and dried sludge. Tracy said they could just go from month to month until they can find out if the village can take something like this. Chairman Robert Murphy said they will hold off until next month so they can look into whether the village can pick it up or not.

Chairman Robert Murphy said everyone got a copy of the memo given out from Linda, REF#313, about the phone company at the sewer plant. They use AT&T for their long distance and Verizon for local. He said Linda did some research and realized some savings of about \$40.00 a month if they went to Verizon for the long distance along with the local and toll. MOVED by Tracy Durkin, SECONDED by Robert Liffland to switch the long distance provider to Verizon. Beth Coursen abstained from voting because her husband works for Verizon and it's her pension. Five were in favor and motion carried.

Chairman Robert Murphy asked everyone if they have a copy of the resolution and memo from Scott Volkman regarding the Baxter Green pump station. REF#316.

MOVED by Tracy Durkin, SECONDED by Robert Liffland to approve the resolution.

Chairman Robert Murphy said just to give a little background; Scott has been doing research and in discussions with Stew Berelson; the resolution in essence is recommending to the Village that they accept the easement so the Sewer Commission can do the improvements on the pump station. Chairman Robert Murphy said Scott explained in the cover letter that he did have the easement cover the whole green area also, then once the Village takes final dedication the easement will simply just disappear. Chairman Robert Murphy said once this resolution is approved tonight, he will contact Mike Hayes tomorrow to get the Village legal things done.

Tracy also wanted to make a note that the date is May 14, 2009 and not as it is on the resolution as May 14, 2099. Chairman Robert Murphy said there is also in the first WHEREAS it is that it is "constructed by Baxter Green", not "contracted by Baxter Green".

He said Scott noticed that when he was talking to him today.

Chairman Robert Murphy asked Tracy to read the resolution. Tracy read the resolution.

All were in favor and motion carried.

At a Meeting of the Pawling Joint Sewer
Commission held at Village Hall, 9 Memorial
Avenue, Pawling, New York,
On the 14th day of May, 2009 at 7:00 p.m.

The meeting was called to order by Chairman Robert Murphy and the following were present:

PRESENT:

Robert Murphy, Chairman
Beth Coursen
Tracy Durkin
Robert Liffland
Wayne Osborn
Colette Zito

ABSENT:

The following Resolution was proposed by Commissioner Tracy Durkin, who moved its adoption and seconded by Commissioner Robert Liffland.

WHEREAS, the Baxter Green Subdivision as constructed by Baxter Green Associates, LLC (“Developer”) contains a sewer pump station which requires an upgrade in order to function more efficiently; and

WHEREAS, the Pawling Joint Sewer Commission (“Commission”) has been engaged in negotiations with the Developer to recommend dedication of ownership of the sewer appurtenances installed, including the pump station, to the Village of Pawling; and

WHEREAS, the Commission expects that it will undertake the upgrade to the pump station following dedication of ownership by the Developer; and

WHEREAS, in anticipation of the dedication of ownership , the Commission has requested proposals from contractors to undertake the pump station upgrade; and

WHEREAS, the Developer has agreed to pay \$10,000.00 toward the upgrade to the pump station; and

WHEREAS, Gellert & Klein, P.C., counsel to the Commission is in receipt of and

is holding in escrow the amount of \$10,000.00 as agreed upon, which will be released to the Commission upon acceptance of dedication of the sewer easement by the Village of Pawling Trustees; and

WHEREAS, by approving the Baxter Green Subdivision, which was approved by the Village of Pawling Planning Board on or about October 14, 1999, which plat was filed in the Dutchess County Clerk's office on December 10, 1999, being filed map 10936, it was contemplated that the Village of Pawling would accept an offer of dedication of, amongst other improvements, the sewer lines, pumps stations and appurtenances thereto; and

WHEREAS, the Developer has provided a sewer line acceptance map, which is the "As Built" Map prepared for Baxter Green dated February 5, 2003, last revised on July 12, 2004, which shows the sewer lines, manholes, force main, sewer pump station, propane tank, generator, electric panel and all related equipment associated with the sewer system; and

WHEREAS, the Commission understands that the Village of Pawling is not ready to accept dedication of the road, water easement, or any other related improvements but is willing to consider acceptance of dedication of the sewer easement and related improvements; and

WHEREAS, said easement has been offered by the Developer to the Village of Pawling; and

WHEREAS, the Commission is desirous of proceeding with the necessary upgrades to the pump station and recognizes that the easement and title for the improvements must be conveyed to the Village of Pawling before that can occur; and

WHEREAS, the Commission examined that instrument and finds that it is in the best interest of the residents of the Baxter Green Subdivision and of the Pawling Joint

Sewer Commission to recommend that the Village of Pawling Trustees accept dedication of the easement and improvements, then the Commission can undertake the necessary upgrade to the pump station; now, therefore, be it

RESOLVED, that the Pawling Joint Sewer Commission does hereby recommend that the Trustees of the Village of Pawling accept the easement from Baxter Green LLC in accordance with the terms and conditions contained in said easement, subject to the following conditions:

1. Developer shall comply with all requirements of the Village as it pertains to the necessary documentation for dedication of public improvements, including the easement substantially in the form annexed hereto together with any documents necessary to effectuate the recording of said easement subject to final review and approval by the Village Attorney; and
2. Delivery to the Village Attorney of any and all necessary evidence of ownership and subject to any title insurance requirements that are required by the Village of Pawling as it pertains to the acceptance of dedication of public improvements; and
3. That the survey description of the easement area be conterminous with the description for the roads and neighborhood green as indicated on the filed map. Said description shall bear the seal and signature of the land surveyor responsible for the preparation, which description shall include a metes and bounds description with such other information which may be deemed necessary to demonstrate mathematical closure within general industry standards to be approved by the designated Village Engineer and the Village Attorney; be it further

RESOLVED, that upon evidence of recording of the easement to be submitted to the Commission by the Village Attorney, that Gellert & Klein, P.C., counsel for the Commission be and the same are hereby authorized and directed to deliver to the Commission the amount of \$10,000.00, which is currently being held in escrow as the contribution by the Developer toward the upgrades required for the pump station as outlined above.

The question of the foregoing Resolution was duly put to a roll call vote, which resulted as follows:

	<u>Aye</u>	<u>Nay</u>
Robert Murphy, Chairman	√	
Beth Coursen	√	
Tracy Durkin	√	
Robert Liffland	√	
Wayne Osborn	√	
Colette Zito	√	

I hereby certify that the above is a true and correct copy of the Resolution passed by the Pawling Joint Sewer Commission at a regular meeting held on May 14, 2009.

Dated: May 14, 2009

Linda Murray, Secretary

Chairman Robert Murphy said the next item on the Agenda is to discuss the plant expansion and Ron Gainer and Jim Fitzsimmons are here from Stantec to do that.

Ron passed out his report on the SPDES Capacity Increase Application. Ron also passed out figures illustrating -

1. the existing Waste Water Treatment Plant (WWTP) layout
2. a figure showing how the WWTP would be expanded considering a “conventional” expansion using additional RBC’s with a preliminary construction cost estimate
3. a figure showing how the WWTP would be expanded considering utilization of microfiltration (MBR) technology, with a preliminary construction cost estimate.

Ron started his presentation with going over some of the general issues in his report starting with the plant capacity and what the Commission will need to do to increase the SPDES permitted capacity. He explained the process of the formal application and how the Commission will need to do a “notice of intent to become Lead Agency” pursuant to State Environmental Quality Review Act (SEQRA).

Ron said another issue related to the permit application is that NYSDEC wants the Commission to submit a plan for continuing to address I/I in the sewer collection system. Ron went over the summary of his technical memorandum outlining prior I/I investigations and repairs accomplished. In his report he also outlined what is recommended for 2009 I/I investigations and the estimated costs.

Beth asked Chairman Robert Murphy if he is comfortable with the dollar figures outlined in the report. Chairman Robert Murphy said they budget \$35,000 a year, plus they have the \$20,000 from Jucca (Castagna) so he feels comfortable with pulling a lot of this out of this year's budget without having to borrow any money. He said for the initial phase he's pretty comfortable from a budgetary standpoint.

Ron explained the initial phase is the investigative work only, not the cost of any remedial construction repairs that may be found necessary, and that it is important to the DEC that they see the Commission continually work to improve on the I/I.

Chairman Robert Murphy asked Ron if the next step to take would be for the Commission to authorize Stantec to do a RFP for the investigative work outlined in the memo. Ron said yes.

MOVED by Robert Liffland, SECONDED by Wayne Osborn to authorize Stantec to do a RFP for the I/I investigative work. All were in favor and motion carried.

Ron asked if someone is prepared to pass a motion to accomplish the Commission's intent to become Lead Agency as part of a coordinated environmental review pertaining to the filing of the NYSDEC SPDES capacity increase application, pursuant to SEQRA .

MOVED by Beth Coursen, SECONDED by Tracy Durkin for the Commission to declare their intent to be the lead agency for a SEQRA coordinated environmental quality review for the permit for the upgrade of the plant's permitted SPDES capacity.

Beth said she is a little confused as why this would be a coordinated review. Ron said he can't say where it's going internally with NYSDEC, but that they had specifically asked for it to be done in this manner. So that is how the Commission should accomplish it. Ron said that, to get to this point in the DEC's informal review process, this represents good progress. He said their discussions with DEC has been going on for a long time, and it appears favorable that the Commission will be successful in obtaining some increase in the SPDES permitted capacity. All were in favor and motion carried.

Ron said he's been asked to talk about the possibility of the Commission considering the Microfiltration process in their possible expansion of the WWTP that will be necessary to allow potential developments to connect to the PJSC's facilities. He said they have previously looked at this type of technology, on the Commission's behalf but, in response to the Commission's continuing interest in this technology, Stantec has looked at it in further detail in order to explain the technology and probable costs for the expansion to the Commission's members. Obviously, the technology is desirable because they produce a very good quality effluent, better than even what the PJSC's SPDES permit would likely ever require.

Jim Fitzsimmons explained how microfiltration works and how it would be used at the plant using the figures passed out earlier of the existing WWTP. The layout of the expansion to go to 0.500 mgd was reviewed, as was the preliminary construction costs. The MBR process would be significantly more costly than staying with the RBC process. Ron explained that microfiltration is a capital intensive technology, very expensive. The plants that utilize this process are generally WWTP's in the NYC watershed area. This is being mandated by NYC, and as a result NYC is providing funding to municipalities for it. The plants outside of the NYC watershed area have different SPDES effluent standards. It should be recognized that the Commission's WWTP is outside of the NYC watershed, and so wouldn't require this level of treatment nor would it be able to obtain any monies from NYC to assist in funding such an expansion.

Chairman Robert Murphy asked if Ron thinks those watershed effluent standards will be brought up to us in the future and if they are, will the "conventional" treatment technology be sufficient to meet those standards. Ron said there hasn't been any indication of that from his discussions with NYSDEC.

Chairman Robert Murphy said that the conventional expansion is modular so they could do the RBC first and then the secondary clarifier and tertiary filter upgrades at a later time. He asked Ron if the capacity of the membrane system be stepped up in a modular fashion, or does that treatment alternative go right up to 500,000 gallon per day capacity. Ron said the membrane system can also be done modular. He is also still talking with the company to get more accurate estimates.

Beth asked if they have any indication yet on if there is a significant difference in the operation and maintenance costs. Ron said there is some expectation that the membrane system would have less cost because there is less sludge removal; but at the same time there will be more electric costs. He said this is the type of information he is trying to pin down in his further discussions with the microfiltration company. He would like a more accurate estimate on these things. Ron said that, however, he can't imagine that you would ever get any pay out in any reasonable time for any O&M savings that will make up a million and a half dollars of increased capital cost. He said it's just not possible. Tracy asked if the lesser amount of manpower needed would make a difference in the O&M cost. Seth said it will not make a huge amount of difference. Tracy asked how long will our current systems last. Ron said that the plant process units were constructed in the 1980's, so it will become necessary to replace components over time, as needed, to keep the plant functional.

Beth said because of the cost of the MBR, she doesn't favor pursuing it any further. She said she thinks they should pursue the conventional upgrade. Rob said he disagrees. Colette said she also disagrees.

Chairman Robert Murphy said they do not have to make any decision on it tonight, they can keep thinking about things and Ron said he will keep getting more information. Chairman Robert Murphy said he would be interested in what the new capacities would be for the new components like the RBC's, clarifiers and filters. Colette said she would be interested in what the cost differences would be between the two different systems. Ron said that, as outlined in the materials passed out tonight, the MBR process will be much, much more.

Chairman Robert Murphy asked the members if there are any more questions. There were none and the members thanked Ron for coming tonight. There was lengthy discussion amongst the members about the cost and process's they would have to go through in deciding if it would be worth it. Chairman Robert Murphy asked Ron if he could come back next month. Ron said also if anyone wants they can send him questions via email on the RBC vs. MBR technology considerations and costs, and he can have the answers for them when he comes back. Chairman Robert Murphy told Ron he appreciates all the time and work he did and thanked him for coming to the meeting tonight.

Commission Member Comments:

Chairman Robert Murphy said the Commission got a letter from the attorney stating that they can't help McKinney & Doyle with the cost of their cleanup from the sewer backup in their basement. Chairman Robert Murphy said he'll go speak with Shannon. Beth thanked Chairman Robert Murphy for following up on it with the attorney. Chairman Robert Murphy said it was worth a shot.

MOVED by Beth Coursen, SECONDED by Robert Liffland to close the meeting and adjourn. Time: 8:33 p.m. All were in favor and motion carried.

Colette Zito, Secretary