

5/02/07

Bethel Township Municipal Authority
Monthly Report for May '07

Financing Items Status:

1. As the Board is aware PENNVEST has extended the Authority a Financing offer which the Board should discuss and **decide on whether to formally accept the offer** (before the 30-day deadline). Frank Leber (Bond Counsel) will be present this evening to discuss the details of the offer and the remaining project schedule (financing steps).
2. PENNWORKS has requested a revised draw down schedule. We have provided the Board with a draft copy for their review and input in this regard prior to sending on to DCED. We submitted draft copies for the Authorities review and action and are awaiting direction in this regard.

Village of Frystown:

3. As an update to the Easements required for the Village of Frystown we would present the following summary information:

Total Number of Easements required for Frystown:	45 Easements
Total Number of Easements prepared/forwarded to Attorney Parrish:	40 Easements
Total Number of Easements remaining:	5 Easements

The five (5) remaining easements should be completed within the next week or two and will be forwarded to Terry Parrish for his further processing in this regard.

4. As requested last month our surveyor went out to the property of a Township resident (along Seymour Drive) to stake the proposed sewer line and to locate the trees in question on his property. We have developed a plan and have discussed this with the property owner and would like to discuss this with the Board further.
5. As requested, our surveyor will prepare the revised legal description (combination of the 2 separate tracts obtained for the Frystown WWTP). Our surveyor has requested the actual recorded deeds for these properties for his preparation work.
6. The Township Secretary has received planning modules for processing on the Seigrist development. The Authority should discuss and direct how these planning modules will be processed (logistics) with regards to this and future developments. Ultimately the Township will need to review these planning modules but may need some input from the Authority.

Village of Bethel:

7. As discussed last month our surveyor has located the waterline (fire protection) within the village of Bethel. As a result we are finalizing some revisions to the sanitary sewer lines to avoid conflicts with the actual location of the water line.
8. We prepared sketch plans for the new driveway (Bethel STP site) as necessitated by the recent change (no longer shared driveway with Zeiset). In order to finalize the legal descriptions our surveyor has requested copies of the current recorded easements and property deeds (STP site).
9. As the Board is aware, a portion of the entire project (IDA site & connections) has not been completed (designed, permitted, etc.). However, due to the financing arrangements (PENWORKS) and logistics still to be determined, the Board may want to initiate a final conversation and agreement with the IDA so that we can be directed as to what to include in this contract.
10. As an update to the Easements required for the Village of Bethel we would present the following summary information:

Total Number of Easements required for Bethel:	42 Easements
Total Number of Easements prepared/forwarded to Attorney Parrish:	1 Easement
Total Number of Easements remaining:	41 Easements

General System Information & Logistics:

11. The project manual (technical specifications and legal requirements for bidding and construction) will be prepared this month. We will coordinate our efforts with Terry Parrish as necessary. However in preparing these documents some questions have come up for the Board's further input as follows:
 - a. How many separate contracts does the Board prefer to have for the work? There are a number of different factors determining this such as size of contract, type of work and the funds/financing (tracking).
 - b. For example on the type of work certain contractors that may be more proficient at installing sanitary sewer lines may not be as proficient at constructing sewage treatment plants, buildings and/or pump stations. For an example on the funds/financing package since the PENWORKS funds have to be utilized sooner (expiration dates of grant/loan funds), also since they are purely dedicated towards infrastructure in Bethel, then there may be some benefit of the Authority breaking out specific items up front and getting them underway sooner rather than later.
 - c. We would recommend the board consider using the below framework as a starting point for this discussion:
 1. Sewage Treatment Plant (Bethel & Frystown; either separate or together).
 2. Sewage Collection Lines (Bethel & Frystown; either separate or together).
 3. Pump Stations & Influent Lift Stations.
 4. Control Buildings (pump stations & Treatment Plant sites).

Coordination work with Other Consultants:

12. We are continuing our coordination efforts with the project Architect as directed by the Board. We have updated sketches to present and **discuss with the Board** this evening.
13. We have continued our coordination efforts with the Mechanical Electrical & Plumbing (MEP) engineer (Arris Engineering) in completing the various system designs, layouts, plans and specifications and would have some **questions for the Board's input** in this regard this evening.

Other Input required from the Board:

14. As requested we have further evaluated the screening requirements (options) for the Bethel and Frystown WWTP sites and the Bethel Pump Station sites. We have some cost comparisons for the Board to consider this evening and give further direction on.
15. As part of meeting the NPDES requirements (infiltration on the site) for the Conservation District permits we have proposed utilizing a designate vegetated filter strip as well as taking credits for the trees planted on the site. Depending upon the review, they may require the installation of structural infiltration facilities (which are not shown at this time). Furthermore, it should be noted that any future expansions would require the replacement of any conflicting BMP's.

Should there be any questions, please feel free to contact me.

Sincerely,
Fisher Engineering, Inc.

John K. Roche, P.E.