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July 2, 2008

Bethel Township Municipal Authority
PO Box 24
Bethel, PA 19507

ATTN: David Younker, Chairman

RE: Monthly Report for July '08

Dave and Board Members,

This office has been working on the following items this past month and would like to update the Board as follows:

PENNVEST FINANCING MATTERS:

1. This office recommended payment of invoices (separate correspondence to the Board) for the construction project for the following listed contracts (through to 6/21/08) which would require Board action for payment:
 - a. Contract # 1 Frystown collection Lines (86% complete to date).
 - b. Contract # 2 Bethel collection lines (40% complete to date).
 - c. Contract # 3 Bethel Pump Stations (3% complete).
 - d. Contract # 4 Bethel Wastewater Treatment Plant (5% complete).
 - e. Contract # 5 Frystown Wastewater Treatment Plant (4% complete).

CONSTRUCTION MANAGEMENT AND LOGISTICS:

2. We continue providing the Board with our inspection reports (email) and have provided hard copies for Board Members of this past month's activities. In summary the work has been progressing as follows:
 - a. **Contract # 1** – Frystown Collection Lines. The work on the collection lines in Frystown has been completed. Generally, the substantial remaining work includes the following items:
 - i. Testing of Sewer Lines, manholes, etc.
 - ii. Trench Restoration.
 - iii. Paving of the alleys and Roadways.
 - b. **Contract # 2** – Bethel Collection Lines. The work on the collection lines in Bethel continues. Generally, the main line work at this point is focused

in the vicinity of Blackberry Alley. Work this month also included sewer line installation in and along Salem Road. Additionally restoration of the School Road trenching was completed (paved) and they are completing restoration work along Lancaster Avenue.

- c. **Contracts # 3 – # 8** This office continues receiving various submittals of shop drawings, etc. that we have been reviewing and distributing as necessary to other parties (electrical engineer, mechanical engineer, plumbing engineer, etc).
 - i. The wastewater treatment plant submittals have been approved and went into production this past month. Work on the Bethel plant has begun, excavation for the tanks has been completed and they were scheduled to pour the concrete base today.
 - ii. The excavation for the Frystown tanks has begun but not completed to date.
3. We continue staking the sewer lines and manholes as needed and are providing the contractor with the appropriate cut sheets establishing the grades and lines.
4. We continue providing lateral stakes for the residents to physically stake their lateral locations. These stakes are being handed out by the Resident Project Representatives (inspection staff).

PLAN REVISIONS:

5. As the Board may be aware, we have encountered additional revision to the plans necessitated by various items this past month.
 - a. Another section of Bethel (in and around Strawberry Alley) we were asked to review a revision to the sewer line to accommodate the local residents. We expect to have this review completed shortly (in advance of the contractor working) and will report our findings to the Board. **We are currently working on this matter and have a plan revision to present to the Board for their consideration.**
 - b. The construction in Bethel encountered a storm sewer pipe and necessitates a revision to the sewer line layout (crossing under Lancaster Avenue). We are currently working with the contractor to complete the most cost effective alternative for this conflict. **No further progress on this matter from last month.**

STATUS OF PERMITS:

6. As a follow up to the building permits from the Township. Subsequent to the determination (that the BTMA was exempt from the UCC requirements) we were in a receipt of a letter identifying three outstanding items that need further discussion. **We have recently contacted the review agency to discuss further and are awaiting a return phone call.**

PUBLIC RELATIONS/ MISC. INFORMATION:

7. We continue updating items on our website and certainly welcome any further suggestions on how this may be used for disseminating the project information.

ACTION ITEM STATUS:

8. The Draft technical manual prepared by Terry Parish has not been reviewed as of yet, but we will keep this as a secondary priority as the review of submittals (shop drawings, development plans, etc.) diminishes.
9. This office has a working draft of the lateral specifications but have not completed them for distribution to the Board as of yet, but we will keep this as a secondary priority as the review of submittals (shop drawings, development plans, etc.) diminishes.
10. As a result of some discussions with the PADEP in regards to future developments within the sewer service area and PADEP requirements we are researching additional information for the Board's further evaluation and input on the matter of nutrient credits versus infrastructure improvements, again working on this item as a secondary priority at this time.
11. This office continues working with the ongoing 537 plan revisions. As an update, this past month the following items were addressed:
 - a. This office attended the Township Board of Supervisors meeting with other (BTMA) board members. This office assisted board members in the discussion of the revised 537 plan and relayed the Board's requirements in this regard (relative to providing a regional sewer system and not a limited sewer system).
 - b. This office continued conversations with the Township Engineer's representative (Andrew Gaul) handling the 537 plan revisions as a follow up to the Board meeting. The Township Engineer was going to provide the Authority (and this office) with a DRAFT 537 plan revision for review prior to submission to the PADEP. To date, we have not received the draft submission for review.

ITEMS REQUIRING FURTHER BOARD INPUT/DIRECTION:

12. In our plan reviews for the following development projects we have highlighted items the Board may want to **discuss and possibly take action** as deemed necessary as follows:
 - a. **Werner Trucking Development.** We were in receipt of a letter dated June 20, 2008 from Werner Enterprises, Inc. It appears that Werner Enterprises will attend the meeting this evening in order to discuss the items of that letter with the Board. Other updates on this particular project include the following:
 - i. This office received a response letter (from our review comments issued last month) directly from Werner Trucking regarding the feasibility of running a gravity line versus installing a pump station (and force main).
 - ii. This office has received no further correspondence or information from the site engineer to date as a response to our review comments.

- b. **Trammel Crow Development.** As an update for this project, the developer is expected in attendance at this evening's meeting to receive some continued board input as follows:
- i. We were in receipt of a plan (submitted 6/18/08) asking the Authority to concur with the actual placement of the sewer line (along SR0645). **After reviewing the plan, it would appear that the sewer line location as shown on the plans meet with the direction this board gave them last month (placed outside of right of way) with the exception of the short transition piece (tie to existing sewer manhole).**
 - ii. The developer's engineer is also asking the Board to approve the width of proposed easement. **Currently the plan shows a twenty foot (20') wide easement with the sewer line centered upon that easement. This is consistent with what the Authority has obtained on their project.**
- c. **Gene Seigrist residential development.** This office reviewed the revised plan submission this past month and has issued a review in this regard (separate letter). Generally, the current plans for this development have been revised to substantially address our prior comments and any remaining items can be addressed in the field (during construction). At this point, the only remaining items pertain to legal agreements between the developer and the Authority.
- d. **Berks County IDA property development.** As an update to this project we would offer the following information to the Board:
- i. This office received a letter from the site engineer (SSM) requesting a verification of capacity (9,750 GPD) for a portion of the site development. We issued a letter confirming adequate capacity for this site based upon prior agreements with the BCIDA and current plant capacity.
 - ii. This office reviewed the legal description for the easement required for connection of the sewer line under Route 78. Terry Parish has continued with the lead on obtaining the easement.
 - iii. This office received additional plans this month for the sewer service on the site. Although we have not reviewed these plans extensively it appears that the information requested (limits of sewer service area, etc.) at the recent meeting with the BCIDA was not provided. We will follow up on the status of this information.
 - iv. This office was contacted by a Real Estate office regarding the feasibility of sanitary sewer service to properties located at Brown Road. We could not answer this question at this time due to the lack of information available (BCIDA property).

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

Sincerely,
Vision Engineering, Inc.
Bethel Township Municipal Authority Engineer

John K. Roche, P.E.