



Engineering Inc. 155 E. Front Street (rear) Lititz, PA 17543
Phone (717) 625-1930 Fax (717) 625-1931

May 7, 2008

Bethel Township Municipal Authority
PO Box 24
Bethel, PA 19507

ATTN: David Younker, Chairman

RE: Monthly Report for May '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 4/27/08) which would require Board action for payment:
 - a. Contract # 1 Frystown collection Lines (18.1% complete).
 - b. Contract # 2 Bethel collection lines (18.8 % complete).
 - c. Contract # 3 Bethel Pump Stations (1.8% complete).
 - d. Contract # 4 Bethel Wastewater Treatment Plant (1.8% complete).
 - e. Contract # 5 Frystown Wastewater Treatment Plant (1.4% 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 is well underway. Generally, the main line has been constructed from the Wastewater Treatment Plant north to the Fire Company. The work recently has been completing the western spur along Frystown Road.
 - b. **Contract # 2** – Bethel Collection Lines. The work on the collection lines in Bethel is well underway. Generally, the main line has been constructed from the Lancaster Avenue Pump Station north to the vicinity of Green Alley. The work recently has been completing the western spur towards and along Old Route 22.

- c. **Contracts # 3 – # 8** The pre-construction meeting was held this past month for these contracts. No significant work has begun to date. Primarily this office has been 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).
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) in advance of the need and will be coordinated with specific construction schedules in the respective work vicinity. As of yesterday the entire village of Frystown should have received their lateral stakes. These were distributed due to the uncertainty and timing of the ongoing construction project (several changes made to date).

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. Minor Revisions to Bethel (vicinity of Old Route 22 (western section): included the shifting of a manhole (# 23) a short distance to move it from interfering with existing improvements. This revision did not require a change order.
 - b. 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.

STATUS OF PERMITS:

6. As previously reported last month, this office has filed the necessary permits (Township Building permits) and is awaiting the Township's review. This office received initial review comments this month and as part of addressing some of the concerns (particularly relating to accessibility standards) questions arose as to the applicability of these requirements. We are awaiting an official determination on these requirements and will notify the board as soon as we are told. Some compliance may require additional changes in the project facilities.

PUBLIC RELATIONS/ MISC. INFORMATION:

7. As discussed last month, this office issued a second mailing to memorialize the Board's recent decisions at last month's meeting(s). The letter was distributed to all affected residents and was also posted on our website for reference purposes. Although the Board members received draft electronic copies, we have included a hard copy in the Board member's packets.

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. We were requested to review two (2) lateral connections of properties that wanted shared laterals. Our findings generally did not concur that there were no other alternatives available and we would recommend maintaining the two (2) laterals.

ITEMS REQUIRING FURTHER BOARD INPUT/DIRECTION:

10. In our plan reviews for the following development projects we have highlighted items the Board may want to discuss further as follows:
 - a. **General Board Policy on reserving capacity.** The Board may want to consider what requirements they will establish as part of their policy in reserving capacity with the various developers in the event that there are more developers than available capacity.
 - b. **Gene Seigrist residential development.** We have revised plans but have placed the final plan review on hold temporarily.
 - c. **Werner Trucking Development.** The current plan proposes the installation of a pump station to service the site. A follow up conversation with the developer's engineer indicated that the pump station was proposed to facilitate movement on the project. The reason a gravity line was not pursued was due to the lack of easements/permission on the downstream property(s) and not as a result of feasibility. We have attached a current zoning map of this area to facilitate further Board discussion on the gravity line with respect to the current zoning and current Township direction with regards to the 537 (sewer) plan revisions. The Board should evaluate the long term associated costs with apparent redundant infrastructure in this area.
 - d. **Berks County IDA property development.** The developer's engineer is working on more detailed plans for review of the proposed sanitary sewer improvements on the site and surrounding vicinity based upon feedback received at the recent joint meeting. To date, this office has not received any additional information.
 - e. **Trammel Crow Development.** There has been initial contact from this developer with some questions but plans have not been received to date. The attorney is requesting the Board consider the previously submitted "non-residential" capacity allocation agreement with the developer of this site (furnished additional copies in the Board's packets) and if the Board is comfortable authorize Terry to forward the agreement to the developer.

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

Sincerely,
Vision Engineering, Inc.

John K. Roche, P.E.