



**Engineering Inc.** 155 E. Front Street (rear) Lititz, PA 17543  
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May 6, 2009

Bethel Township Municipal Authority  
PO Box 24  
Bethel, PA 19507  
ATTN: David Younker, Chairman

RE: Monthly Report for April '09

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: (items denoted with "\*" have accompanying information in the Board's packet. Items denoted with "\*\*" have been forwarded to board members prior correspondence this month).

**DEVELOPMENT PLANS FOR BOARD REVIEW AND/OR ACTION (POTENTIAL VISITORS):**

1. BTMA-08107 Andrew Zeiset Subdivision: This office has completed an informal review of this plan and can discuss them with the Board.
2. Outstanding restoration work items:
  - a. The restoration work for curb and paving adjacent to the Old 22 pump station are in question and should be further discussed by the Board.

**FINANCING MATTERS (PENNVEST & PENNWORKS):**

3. \*This office is recommending payment of invoices (separate correspondence to the Board) for the construction project for the following listed contracts (through to 04/24/09) which would require Board action for payment. The payment details are attached (separate correspondence) and summarized as follows:
  - a. Contract # 1 Frystown collection lines (93% complete to date).
  - b. Contract # 2 Bethel collection lines (104% complete to date).
  - c. Contract # 3 Bethel Pump Stations (79 % complete).
  - d. Contract # 4 Bethel Wastewater Treatment Plant (91% complete).
  - e. Contract # 5 Frystown Wastewater Treatment Plant (63% complete).
  - f. Contract # 6 Mechanical Systems for WWTP and appurtenances (38% complete).
  - g. Contract # 7 Plumbing Systems for WWTP and appurtenances (36% complete).
  - h. Contract # 8 Electrical Systems for WWTP and appurtenances (63% complete).

#### **CONSTRUCTION MANAGEMENT AND LOGISTICS:**

4. Our inspection reports are available to the Board members (via our website) and can be furnished (paper copies) upon request. We have discontinued our practice of automatically distributing the Board copies as directed last month. In summary the work has been progressing as follows:
  - a. **Contract # 1** – Frystown Collection Lines. No work was completed this past month (payment of prior change orders only). As an update the work progresses as follows:
    - i. The Township has requested to complete the paving (entire width) of Township roadways only with a separate contract. The contractor is receptive to this proposal but are awaiting formal acceptance of this release.
    - ii. The contractor is meeting on site with the paving contractor and this office Friday morning to discuss the PENNDOT paving (restoration) items.
    - iii. \*The contractor has provided an updated schedule for the restoration work on this contract.
  - b. **Contract # 2** – Bethel Collection Lines. The work completed this past month included primarily restoration work of the trench (disturbed) areas.
  - c. **Contracts # 3 – # 8** The work on the various contracts continues in varying degrees. We continue holding regular (bi-weekly) progress meetings for ALL contractors, engineers, etc. in order to facilitate coordination of all parties.
    - i. \*We received some recent information (yesterday) relative to the building and pump decisions made at the special meeting which the Board may want to consider.
    - ii. There have been a few change orders proposed as result of reviewing various submittals etc. and are discussed below.
    - iii. \*\*The contractor's have provided a substantial completion date (verbal) to June 30, 2009. This date is predicated on the electrical work and specifically to MET-ED providing service and connections on a timely basis. We were recently informed that MET-ED is scheduled for this work this week (weather dependent).

#### **PLAN REVISIONS AND/OR CHANGE ORDERS:**

5. Contract # 8 – Proposed Change Orders # 7 thru # 10 - Electrical Contract (Bethel WWTP). We have attached copies of these change orders and will verbally present them this evening.

#### **DEVELOPMENT PLANS FOR BOARD INFORMATION/UPDATE:**

6. General Policy matters for non-residential users: We initiated a discussion with the Board members at the special meeting regarding non-residential users and establishing a board policy in that regard. This can be continued in the coming months.

**OTHER MATTERS REQUIRING BOARD REVIEW AND/OR ACTION:**

7. Plant Operations & Equipment: As directed, we have had some initial conversations with one of the plant operators (Tulpehocken Township) in order to ascertain possible shared use of equipment, etc. We are suggesting the Board schedule a workshop meeting to discuss this matter along with logistics of the overall plant operations.
8. Lining Work for Manholes and Logistics
  - a. Reference attached email (Terry Parish) regarding the processing of this work if the Board is further interested.
    - i. If the Board is interested in this upgrade, this office would recommend targeting specific structures such as the influent wet well structures, wet wells for the pump stations, drop manholes and any other appropriate structures.
    - ii. This office (as directed) can prepare bid documents as necessary.
9. Other Improvement and Funding considerations: NORTHERN EXTENSION (Klahr Road).
  - a. As requested this office has evaluated some initial options and can discuss them briefly with the Board this evening.
10. Plant Operations logistics (contract operations versus Township employee). This work can move ahead as directed by the Board.

**PUBLIC RELATIONS/ MISC. INFORMATION:**

11. We will continue working with Terry Parish on the various ordinances as necessary.
12. We were informed this week that the Township has placed the ACT 537 plan revisions as being driven by the developers (Frystown village) on hold since it appears that the developers have been holding also.

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.

cc: Terry Parish, Esq. (w/attachments)