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March 4, 2009

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

RE: Monthly Report for February '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-08103 Berks County Industrial Development Authority: This office received a revised plan submission although has not completed a formal review of this plan due to other ongoing commitments this month.
2. *BTMA-08111 Bethel Elementary School Plan (Village of Bethel): This office has continued to work with the various plan submissions this month and has offered our review comments (separate letter) to the Board for their consideration. The applicant is looking for an approval by the Board this evening.

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 01/23/09) which would require Board action for payment. The payment details are attached (separate correspondence) and summarized as follows:
 - a. Contract # 2 Bethel collection lines (100% complete to date).
 - b. Contract # 3 Bethel Pump Stations (73 % complete).
 - c. Contract # 4 Bethel Wastewater Treatment Plant (72% complete).
 - d. Contract # 5 Frystown Wastewater Treatment Plant (49% complete).
 - e. Contract # 7 Plumbing Systems for WWTP and appurtenances (16% complete).
 - f. Contract # 8 Electrical Systems for WWTP and appurtenances (30% complete).

CONSTRUCTION MANAGEMENT AND LOGISTICS:

4. *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. No work was completed this past month (waiting for favorable paving weather to complete).
 - b. **Contract # 2** – Bethel Collection Lines. The work completed this past month included primarily some force main work. The testing of the force mains revealed some corrective measures that Marks Contracting is still working on.
 - c. **Contracts # 3 – # 8** The work on the various contracts continues in varying degrees. We have now implemented regular (bi-weekly) progress meetings for ALL contractors, engineers, etc. in order to facilitate coordination of all parties.
 - i. We have focused our efforts in developing various options in addressing the groundwater conditions in Frystown. At this point we have developed the following options for the Board to consider and should have supplemental information for further discussion:
 1. Removal of the groundwater with a series of wells installed in and around the site.
 2. Implementing a revised structural design to allow the groundwater in place and to keep the groundwater out of the building (heavier & waterproof type structure).
 3. Completely revise the type of pump (from suction lift to a submersible type) in order to remove the basement structure to house the current suction lift pumps.
 - ii. There have been a few change orders proposed as result of reviewing various submittals etc. and are discussed below.

PLAN REVISIONS AND/OR CHANGE ORDERS:

5. **Contract # 3 (Old 22 Pump Station):** As a result of further review of field conditions, this office revised the layout and grading of the site to enable better runoff patterns and functionality and will verbally present these revision for the Board members.
- 6.

DEVELOPMENT PLANS FOR BOARD INFORMATION/UPDATE:

7. Fox Property (Frystown area) adjacent to Werner Trucking and I-78: This office received a phone call from the consultant for this tract notifying us of their zoning approvals for the site and their intentions of moving ahead with the development plans.

OTHER MATTERS REQUIRING BOARD REVIEW AND/OR ACTION:

8. **Supplemental project funding:** We would recommend the Board looking into possible supplemental project funding (grants) with the pending stimulus packages. We would see several opportunities for these funds (increasing the grant funds to reduce the overall cost to the users and possibly for any implementation stages of the Frystown infrastructure (related to the current 537 plan revisions). Preliminary discussions should include Frank Leber and PENNVEST in order to fully understand any impacts or restrictions that the current funding sources would have.
9. **ACT 537 Plan Revisions:** This office continues work with Attorney Parish and the Township Engineer in developing a portion of these revisions to protect the Authority's interests.

PUBLIC RELATIONS/MISC. INFORMATION:

10. We continue updating items on our website and certainly welcome any further suggestions on how this may be used for disseminating the project information.
11. This office has been formalizing the standard details for the Authority and has some draft copies for the Board's review. We expect to have these completed the next month or two.
12. The surveyor has been surveying the as-built sewer facilities and this office will be compiling this information for the development of as-built (record) plans.
13. We will continue working with Terry Parish on the various ordinances as necessary.
14. We will continue working with Terry Parish on the ACT 537 plan revisions as being driven by the developers (Frystown village).

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)