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April 1, 2009

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

RE: Monthly Report for March '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 has completed a formal review of this plan and has issued our comments (separate correspondence).

FINANCING MATTERS (PENNVEST & PENNWORKS):

2. *This office is recommending payment of invoices (separate correspondence to the Board) for the construction project for the following listed contracts (through to 03/20/09) which would require Board action for payment. The payment details are attached (separate correspondence) and summarized as follows:
 - a. Contract # 2 Bethel collection lines (101% complete to date).
 - b. Contract # 3 Bethel Pump Stations (76 % complete).
 - c. Contract # 4 Bethel Wastewater Treatment Plant (83% complete).
 - d. Contract # 6 Mechanical Systems for WWTP and appurtenances (16% complete).
 - e. Contract # 8 Electrical Systems for WWTP and appurtenances (37% complete).

CONSTRUCTION MANAGEMENT AND LOGISTICS:

3. 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 (waiting for favorable paving weather to complete).

- 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 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. Raising the elevation of the structure above the groundwater which would require the installation of a third (3rd) pump (in the future) to accommodate full build out capacity.
 - ii. There have been a few change orders proposed as result of reviewing various submittals etc. and are discussed below.
 - iii. The current substantial completion date is established at April 4, 2009. A request was made of all contractors to submit formal extension requests with schedules but we have not received them to date.

PLAN REVISIONS AND/OR CHANGE ORDERS:

- 4. Contract # 8 – Proposed Change Order # 6 - Electrical Contract (Bethel WWTP). As a result of Dutchland, Inc. raising the UV disinfection chamber we also used this revision to incorporate some grading revisions and provide a secondary plant access (ramp) to the south end of the WWTP. These changes necessitated some changes to electrical boxes which is presented in this Change Order request.
- 5. Contract # 5 – Fencing limits at Frystown WWTP site. We wanted to discuss this matter with the board to establish the use of the property and the fencing limits desired for this particular site.

DEVELOPMENT PLANS FOR BOARD INFORMATION/UPDATE:

- 6. Fox Property (Frystown area) adjacent to Werner Trucking and I-78: This office met with Rufus Geesaman, the developer (IDI) and the consultant for this tract to answer questions they had for the development of this site.

7. 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. We would like to continue that conversation to aid in the review of plans and may be suited for a workshop meeting.

OTHER MATTERS REQUIRING BOARD REVIEW AND/OR ACTION:

8. Bethel WWTP driveway: As the Board is aware the property owner is currently revising the permits associated with various driveways in the vicinity of the WWTP. We would like to discuss this matter with the Board relative to any impacts.
9. 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.

PUBLIC RELATIONS/ MISC. INFORMATION:

10. In response to a letter received from the Berks County Conservation District, this office directed the removal of fill materials from a site which was placed there by the contractor with inadequate erosion control plans. This fill material was promptly removed and the Conservation District was satisfied with the removal.
11. *This office is distributing copies of DRAFT standard details for the Board's review. Any comments or additions can be forwarded to our office as we complete these standards.
12. *This office is also distributing copies of DRAFT standard pump station details and text for the Board's review.
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)