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November 5, 2008

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

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

FINANCING MATTERS (PENNVEST & PENNWORKS):

1. *This office is recommending payment of invoices (separate correspondence to the Board) for the construction project for the following listed contracts (through to 10/24/08) which would require Board action for payment. The payment details are attached (separate correspondence) and summarized as follows:
 - a. Contract # 2 Bethel collection lines (81% complete to date).
 - b. Contract # 3 Bethel Pump Stations (30% complete).
 - c. Contract # 4 Bethel Wastewater Treatment Plant (38% complete).
 - d. Contract # 5 Frystown Wastewater Treatment Plant (34% complete).
 - e. Contract # 8 Electrical Systems for WWTP and appurtenances (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 this past month included walk thru with the paving contractor & Township (road master) determining the paving limits. Generally, the substantial remaining work includes the following items:
 - i. Continued Trench Restoration.
 - ii. Paving of the alleys and Roadways.

- b. **Contract # 2** – Bethel Collection Lines. The work on the collection lines (Gravity) in Bethel is now complete. Generally, the outstanding main line work at this point includes the following areas:
 - i. Both Force Main Installations (vicinity of Blackberry Alley and along Lancaster Avenue).
 - ii. Continued Trench Restoration.
 - iii. Paving of the alleys and Roadways.
- 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. *Due to the timing and coordination of the various submittals, equipment, tanks, power service, etc. the contractor (Marks) is requesting an extension of time.
 - ii. We will be setting up a project meeting next week (all contractors) to review the current and anticipated schedule for coordinating all the various contractors.
3. Now that the sewer stakeout (survey) is completed for the collection lines, this office will begin (next weeks and months) the as-built survey of the entire collection system (Bethel & Frystown).

PLAN REVISIONS AND/OR CHANGE ORDERS:

4. As authorized, Alternative Environmental Solutions (AES) has initiated the field work in order to better determine the source (and proposed solution) in addressing the groundwater (bethel collection system) in the vicinity of Green Alley and the Lancaster Avenue pump station. The field work has been completed and we are expecting the final report shortly. We will forward copies to Board members as soon as it is received.
5. *Excavation this month (Frystown wet well) has revealed significant groundwater in the vicinity of the Frystown facilities (influent lift station and building). We asked AES to provide the Board with a proposal for their services (groundwater investigation) for their consideration. Our concerns would be related to the amount of groundwater with respect to the adjoining pump and buildings.
6. No significant plan changes (only field modifications) occurred this past month. However, we do have the following change order(s) requested for Board consideration:

- a. *Contract # 8: J.B. Electric has submitted a change order to address a concern the Electrical (Arris) engineer pointed out with the various submittals. The electrical engineer is recommending the use of a color (larger) screen for the plant operations in order to better service the facilities.

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 following listed items Draft are a secondary priority as the review of submittals (shop drawings, development plans, etc.) diminishes:
 - a. Draft Technical Manual.
 - b. Lateral Specifications and details (Board directed last month to utilize the SDR-35 pipe for laterals).
 - c. Nutrient credits versus infrastructure improvements.
9. This office continues working as needed with the ongoing 537 plan revisions. As an update, this past month the following items were addressed:
 - a. This office has reviewed the DRAFT 537 plan revision (received Monday 9/29/08) as prepared by Larson Design Group and has provided review comments on that plan for the Board's consideration.
 - b. The Township Board of Supervisors has scheduled a joint meeting (this evening) to discuss the current Plan revisions with the Authority members.

ITEMS REQUIRING FURTHER BOARD INPUT/DIRECTION:

10. The electrical contractor (J.B. Electric) has requested payment of stored materials due to the project delays and timing. The Board should fully discuss this matter and render a decision in this regard.

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)