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Phone (717) 625-1930 Fax (717) 625-1931

October 7, 2009

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

RE: Monthly Report for September '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. Frystown Resident concerns and work items: As requested this office has worked on the following matters related to various resident concerns as follows:
 - a. *We have asked the Geologist to investigate a resident claim of the sewer installation affecting their well water. Preliminary findings from the geologist have indicated the sewer project has not created any such problems with the well. The formal report should be issued shortly.
2. Bethel Resident concerns and work items:
 - a. The stormwater related concerns along and adjacent to properties along Lancaster Avenue were investigated in the field with the property owner. We will continue working on a report for the Board on this matter.

FINANCING MATTERS (PENNVEST & PENNWORKS):

3. *This office has been working with Bond Council on the Northern extension project and has prepared some documents to assist them in this regard. They may have a representative attending the meeting this evening to discuss.
4. *This office is recommending payment of invoices (separate correspondence to the Board) for the construction project for the following listed contracts (through to 09/25/09) which would require Board action for payment. The payment details are attached (separate correspondence) and summarized as follows:
 - a. Contract # 1 Frystown collection lines (96% complete to date). **NO WORK THIS PERIOD. However, we did receive the paving invoice from the Township this morning which we are verifying for payment consideration consistent with PENNVEST requirements.**
 - b. Contract # 2 Bethel collection lines (94% complete to date). **NO WORK THIS PERIOD.**

- c. Contract # 3 Bethel Pump Stations (99% complete).
- d. Contract # 4 Bethel Wastewater Treatment Plant (97% complete).
- e. Contract # 5 Frystown Wastewater Treatment Plant (86% complete).
- f. Contract # 6 Mechanical Systems for WWTP and appurtenances (66% complete) NO WORK THIS PERIOD.
- g. Contract # 7 Plumbing Systems for WWTP and appurtenances (77% complete).
- h. Contract # 8 Electrical Systems for WWTP and appurtenances (77% complete).
- i. OVERALL PROJECT (ALL CONTRACTS) 90.6 % Complete.

CONSTRUCTION MANAGEMENT AND LOGISTICS:

- 5. Our inspection reports are available to the Board members (via our website) and can be furnished (paper copies) upon request. In summary the work has been progressing as follows:
 - a. **Contracts # 3 – # 8** The work on the various contracts continues in varying degrees.
 - i. The lining project for the village of Bethel (Bethel WWTP tanks and the pump stations) is now complete. We are awaiting final reports from the manufacturer evaluating the application process.
 - ii. The Bethel WWTP has begun the startup operations and is currently fully operational (only Bethel Elementary School flows for now).
 - iii. Work continues to progress in Frystown. The significant structures are constructed and well underway.

OTHER MATTERS REQUIRING BOARD REVIEW AND/OR ACTION:

- 6. Lining Work for Manholes and Logistics
 - a. This office received an email from PENNVEST staff who have resubmitted the original application for this upcoming funding (10/27/09) meeting. We were advised that this project may possibly be reconsidered.
- 7. CHANGE ORDERS:
 - a. We have included documentation for the Board's consideration in concurrence of change orders for the laboratory setup (plumbing and electrical contract changes). This was necessitated upon final layout of the lab bench and workstation with the contract operator.
 - i. * Contract # 8 (Electrical) CHANGE ORDER # 16 documentation attached to this report as a follow up to the Board's approval last month. This particular estimate was under the approved amount but we are awaiting the Plumbing Change Order.
 - ii. Contract # 7 (Plumbing) CHANGE ORDER # xx (still awaiting the documentation from the plumbing contractor.

- b. * Contract # 8 (ELECTRICAL) Change Order # 17 is attached for the Board's further consideration. This change order was required for additional relays in the control panel for essential equipment operations.
8. NORTHERN EXTENSION (Klahr Road).
- a. The current status of the final design and permitting are progressing on the following order:
 - i. The archeologist has received direction from the PHMC and will require time to complete his survey for the permitting. Once his work is completed we can finalize the layouts and overall design.
 - ii. Concurrently this office is preparing the documents for submission to PADEP and PENNDOT for permitting. We are awaiting clearance from the archaeologist before submitting.
 - iii. The board may want to discuss the archaeologist time frame with respect to various property questions which have arisen.

PUBLIC RELATIONS/ MISC. INFORMATION:

- 9. This office has revised the standard connection detail (at existing pipe connection) and have distributed this to all contractors and posted it on our website.
- 10. WAIVER OF CONNECTION STANDARDS: As a follow up to the waiver's considered last month this office has issued letters to the residents formalizing the Board's decisions rendered.
- 11. As requested, this office has posted an editable PDF file of the sewer connection permit application on our website.
- 12. **This office provided the revised DRAFT self liquidating debt report to Frank Leber's office for their review and comment.

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)