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May 5, 2010

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

RE: Monthly Report for April '10

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).

ACTION ITEMS FOR BOARD (POTENTIAL VISITORS):

1. Tank Lining Work (Marks Contracting/Dutchland, Inc. & I.K. Stoltzfus): This office met with all contractors, two Authority members, Liz Magovern and other representatives to resolve the warranties for this work. Upon adequate resolution (satisfaction of Liz Magovern) payment for this work would be appropriate.

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 4/27/10) which would require Board action for payment. The payment details are attached (separate correspondence) and summarized as follows:
 - a. Contracts # 1, 2, 4 & 6 – NO PAYMENTS submitted this period.
 - b. * Contract # 3 Bethel Pump Stations and appurtenances (106% complete to DATE see attached).
 - c. * Contract # 5 Frystown Wastewater Treatment Plant and appurtenances (101% complete to DATE see attached).
 - d. * Contract # 7 Plumbing Systems for WWTP and appurtenances (99% complete to DATE see attached).
 - e. * Contract # 8 Electrical Systems for WWTP and appurtenances (99% complete to DATE see attached).

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. In summary the work has been progressing as follows:

- a. **Contracts # 2 – # 5 (BETHEL & FRYSTOWN)** The work on the various contracts is wrapping up and continues primarily with punch list work.
- i. CONTRACT # 2 (Bethel Collection Lines)
 1. The preliminary punch list has been issued but no items addressed this past month.
 2. With regards to the restoration of striping and sealing of joints we have discussed this with the contractor.
 3. This contract is open and waiting for the Northern Extension work to begin.
 - ii. CONTRACT # 3 (Bethel Pump Stations). The final punch list of items will need to be addressed by the contractor.
 1. * Please refer to letter on the Drip Edge for the pump station buildings (as well as the Bethel WWTP) from our field representative requesting board input.
 - iii. CONTRACT # 4 (Bethel WWTP)
 1. ** This office reviewed the final certification for the process design of the plant which needs to be revised to be consistent with the overall performance criteria (established in specs).
 2. The final punch list of items will need to be addressed by the contractor.
 - iv. Contract # 5 (Frystown WWTP).
 1. The plant is operational and resident connections continue.
 2. We are awaiting the final certification (process design of the plant) for substantial completion.
- b. **Contracts # 6 - # 8 (M.E.P. Work Bethel & Frystown).**
1. ** Contract # 6 – Mechanical Equipment (HVAC): Punch List work remaining.
 2. ** Contract # 7 – Plumbing Equipment: Punch List work remaining.
 3. ** Contract # 8 – Electrical Equipment: Punch List work remaining.
 4. The MEP Engineer (Arris Engineering) will be compiling the various red line drawings to produce a composite as built drawing for the various MEP systems which we will coordinate and compile into our as-built drawings.

OTHER MATTERS REQUIRING BOARD REVIEW AND/OR ACTION:

4. CHANGE ORDERS: This office will be presenting the following change orders for the Board's further consideration as follows:

- a. CONTRACT # 2 (Bethel Collection Lines):
 - i. * Change Order # 9: To allow the contractor to move ahead with the boring/jacking work (casing pipe only) under I-78 while the remaining easements are obtained (northern extension) and the closing is scheduled and completed.
 - b. CONTRACT # 5 (Frystown WWTP):
 - i. * Change Order # 7 (MC # 9): **Plumbing Changes and extras for the Township Building Sewer connections and appurtenances.**
 - ii. * Change Order # 8 (MC # 10): **Additional Swale Grading** at the WWTP site (along and adjacent to Camp Swatara Road).
 - iii. * Change Order # (MC # 11): **Structural (Lintel) work** to the Frystown Control building.
 - iv. * Change Order # 9 (MC # 12): **Asphalt Price Adjustment** for the paving work in Frystown.
 - c. CONTRACT # 7 (Plumbing Systems Various sites): The change orders previously submitted and approved by the Board (# 1 - #4) required various changes due to disputes the Plumbing Engineer had with the contractor (sales tax, material substitutions, etc.). We anticipated having these Change Orders (approved before) in their FINAL FORMAT for the Board's concurrence but have not received the information to date as follows but hope to have this for the Board next month:
 - i. * Change Order # 1 – Oil Interceptor (extension) Bethel WWTP.
 - ii. * Change Oder # 2 – Eye Wash Station (Bethel WWTP).
 - iii. * Change Order # 3 – (CREDIT CHANGE ORDER) for elimination of Shower Stall and Sump Pump (Frystown Building).
 - iv. * Change Order # 4 – Eye Wash Station (Frystown WWTP).
5. Sewer Connections and non-residential users:
- a. An update on the Snyder Developer's properties is that they will be connecting the current properties and should be in touch with the Authority within the next few days.
 - b. * Conservative Baptist Church Sewer Connection (Frystown). As a result of last month's discussion we have prepared a sketch of this property to facilitate further discussion on this matter and our recommendations.
 - c. * # 491 Frystown Road sewer connection (Frystown). We have an overall sketch showing this property and would like to follow up last month's discussion on this matter.
 - d. This office will continue working on a policy for handling the various types of non-residential users.

6. NORTHERN EXTENSION (Klahr Road). As an update, the status of the final design and permitting are progressing as follows:
 - a. This office has now received the Water Quality Management permit (General Permit for Sewer Extension) from the PADEP. At this point all permits have been obtained.
 - b. This office will continue preparing the construction documents as directed.
 - c. Upon the Authority securing the remaining easements the PENNVEST loan closing should be scheduled as necessary.
 - d. In response to the request last month we have determined that the project will require the closing of Brown Road during construction.

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: Elizabeth Magovern, Esq. (w/attachments)