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October 1, 2008

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

RE: Monthly Report for September '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. \*\*As discussed last month this office (along with Board Members) met with PENNVEST staff to tour the project site, evaluate the progress, review change orders to date and discuss the restoration (paving) items. As a result of our meeting, this office provided the Board members with information for their further consideration in the restoration (paving) of the alleys.
2. \*This office is recommending payment of invoices (separate correspondence to the Board) for the construction project for the following listed contracts (through to 9/19/08) which would require Board action for payment. The payment details are attached (separate correspondence) and summarized as follows:
  - a. Contract # 1 Frystown collection Lines (91% complete to date) (some restoration work completed).
  - b. Contract # 2 Bethel collection lines (75% complete to date).
  - c. Contract # 3 Bethel Pump Stations (22% complete).
  - d. Contract # 4 Bethel Wastewater Treatment Plant (35% complete).
  - e. Contract # 5 Frystown Wastewater Treatment Plant (31% complete).
  - f. Contract # 6 Mechanical Systems for WWTP and appurtenances (7% complete).
  - g. Contract # 8 Electrical Systems for WWTP and appurtenances (1% complete).

### CONSTRUCTION MANAGEMENT AND LOGISTICS:

3. \*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 some restoration work (no paving). 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 in Bethel continues. Generally, the outstanding main line work at this point includes the following areas:
    - i. Gravity Main Installations feeding into the Old 22 Pump Station.
    - ii. Both Force Main Installations (vicinity of Blackberry Alley and along Lancaster Avenue).
  - 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. The **wastewater treatment** plants (**tanks**) for both Frystown and Bethel have been undergoing testing this month (leak tests) and should be completed soon (depending upon weather).
    - ii. As an update to the **Electric Service** for the project, we continued contact with the MET ED representatives (Fred Light, Jim Furman & Dan Logar) about the specific schedule and timing. One of the recent findings was that sometime after the pre-construction meeting some of the work orders (our project) were inadvertently deleted internally (MET-ED) which has caused some delays. The schedule we were given (as of today) projects the following timetable:
      1. Power Service to the pump stations is scheduled by November 1, 2008.
      2. Power Service to the Waste water Plants will follow at the end of November, 2008.
    - iii. This office has been receiving significant submittals this past month for the building materials and appurtenances. As soon as these material orders are placed and delivery schedules provided we have requested that Marks Contracting provide schedules for the other contractors (Mechanical, Electrical and Plumbing). We will have a project meeting at that time (all contractors).

4. We continue staking the sewer lines and manholes as needed and are providing the contractor with the appropriate cut sheets establishing the grades and lines.
5. As authorized last month this office processed a request from PENNDOT to extend the current Highway Occupancy Permit (Bethel Collection Lines) for an additional 12 months. The extension has been granted by PENNDOT, which is now on file.
6. We received two (2) new requests from PENNDOT to extend the current Highway Occupancy Permits (Frystown Collection Lines & Lancaster Avenue Pump Station) for an additional 12 months. The application has been prepared as necessary to complete the project and would require **Board authorization** (chairman signature) for submission to PENNDOT.

**PLAN REVISIONS:**

7. No significant plan changes (only field modifications) occurred this past month including the following:
  - a. The discharge line (Bethel WWTP) was reviewed with respect to an actual field surveyed profile (during stakeout). This necessitated some revisions to the profile grades as well as changing a previously proposed cleanout to a manhole structure.

**PUBLIC RELATIONS/ MISC. INFORMATION:**

8. We continue updating items on our website and certainly welcome any further suggestions on how this may be used for disseminating the project information. As requested last month we did post the resolution establishing the Board's policy on tap in fees and connections.

**ACTION ITEM STATUS:**

9. As authorized last month we have initiated the services of Alternative Environmental Solutions in evaluating the source of groundwater which appears to be gathering in the collections lines (Bethel) and transported downstream (Lancaster Avenue Pump Station). AES will commence the field work next week.
10. \*As requested last month, this office followed up on restoration items in the Village of Frystown. We have prepared a "preliminary" punch list related to these restoration items and have included it in the Board's packets. We will furnish these copies to Joao & Bradley and/or add additional items as directed by the Board.
11. \*\*As requested last month, this office issued a letter to HRG (developer's consultant) to notify them of the Board's willingness to serve the site (east end of Fort Motel Drive) with Sanitary Sewer Service. The site is located immediately south of and adjacent to Route 78 to the east of Fort Motel Drive (Ulrich & Fox tracts). The willingness to serve letter conditioned sewer service upon the Township Board of Supervisors to addressing their intent on the zoning and ACT 537 plan of the tract (Fox) located outside the sewer service area.
12. \*\*As directed last month, this office issued a letter regarding the Werner Truck Site development with respect to the further processing of the 537 plan (the exact location of the pump station).

13. \*\*As directed last month, this office issued a letter responding to the developer's (Trammell Crow development) request of reducing the pipe size (10" to 8" diameter).
14. 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.
15. This office continues working with the ongoing 537 plan revisions. As an update, this past month the following items were addressed:
  - d. Larson Design Group has provided this office with a DRAFT 537 plan revision (received Monday 9/29/08). We will review this plan and forward any comments to the Board members for consideration.

**ITEMS REQUIRING FURTHER BOARD INPUT/DIRECTION:**

16. Marks' Contracting has explained that the delivery schedule for the pumps is in advance of the buildings (being completed). As a result, and in order to avoid postponing (and further delays) the pump delivery Marks is requesting payment of this stored material (invoice price only) so that they can accept early delivery of the material. Our recommendation would require the delivery of the pumps to a property within direct control of the Authority before considering payment for this particular item.
17. As discussed last month, there may be a property located in the vicinity of the Village of Bethel (outside the current sewer service area) that may have potential wastewater disposal problems. As a follow up we have contacted the Township SEO who has no records of any "official" problems in the Bethel area.

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)