

**BETHEL TOWNSHIP MUNICIPAL AUTHORITY
SPECIAL MEETING
MINUTES**

March 16, 2009

A special meeting of the Bethel Township Municipal Authority was called to order by Chairman, David Younker at 7:02 p.m. on March 16, 2009 at the Bethel Township Office, Myerstown, PA.

Roll Call

Chairman Younker called the roll:

Rufus Geesaman – present

Harold Gruber – present

Kevin Stupp –present

David Younker – present

Carl Weaver – present

Also present were Solicitor Parish, John Roche of Vision Engineering and Darlene Orendo, Secretary.

Member Report

Rufus Geesaman made a motion to have the chairman sign an Unemployment Compensation form from TALX , notarize and send out. Second by Carl Weaver. All agreed. Motion carried.

Solicitor Report

None

Engineer's Report

Engineering Agenda Items

1. Frystown Groundwater remediation alternatives.
 - a. Removal of Groundwater with Wells and discharge (no changes to current layout).
 - i. This option was the original proposal as presented by the project Geologist. It is projected that the additional studies and permitting of this proposal will be an additional (approximate) \$100,000.
 - ii. After the design/permitting and layout the construction costs (installation of the wells) could approach another approximate \$100,000.
 - iii. This option would have a series of (at least 6 but maybe more) wells around the site in order to draw down the groundwater levels to below the proposed structure elevation. The water from these wells would then be discharged onto the ground and would flow into the nearby stream.

- iv. This option would require a permit to remove and discharge the groundwater and would be subject to continued monitoring (testing) and maintenance.
 - b. Keep groundwater as is but construct a heavier structure (prevent flotation and infiltration) & watertight building.
 - i. The structural Engineer in lieu of the first option has redesigned the structure in order that the structure will not float (due to the groundwater) but will also be a watertight structure. These revisions will allow for the groundwater to stay where it is and not affect the overall structure or pumps.
 - ii. Marks Contracting has submitted a cost estimate to construct this revised structure (copy attached) which is estimated at an additional \$ 213,000.
 - c. Raise the basement floor for the suction lift pumps at the sacrifice of pumping capacity (or add a third suction line for future 3rd pump- by developers).
 - i. The pump manufacturer has just verified that this is a possibility this past Friday evening. Therefore we have not been able to get revised designs and costs for the Authority's consideration. However, we would be comfortable telling the Authority that the cost will be at an additional cost but should NOT approach the cost of the above scenario (5 feet shallower structure). If the Authority would like to develop these costs we can have this done.
 - ii. One benefit of this scenario would allow the installation of only 2 pumps at this time but when the third pump is required most likely the costs will be borne by developers.
 - d. Eliminate the basement and replace the suction lift pumps with submersible pumps.
 - i. The pump supplier has not fully developed this option (price) but has indicated that this can certainly be done for less upfront cost than the above proposals. However, the long term costs (of having submersible pumps vs. suction lift pumps) have not been considered. (This goes back to the life cycle cost analysis the Authority had completed when they decided to use the Suction lift pumps).
- 2. Berks County Conservation District Violation Notice (Delmar Locke property vicinity of Schubert/Klahr Roads).
 - a. Vision Engineering discussed a corrective action plan with BCCD (John Ravert & Brian Herber) to remove the fill and eliminate any additional work and responsibilities.
 - b. Property owner is not cooperative and has additional past issues with the Township that he wants dealt with.
- 3. Budget Update
 - a. Current Budget status.
 - b. List of change orders to date.
- 4. Lining Costs
 - a. Manholes (as requested by the Board).
 - i. Cost of Lining manholes estimated at \$150/vertical Foot (VF).

- ii. Preliminary quantities of ALL Manholes (Frystown and Bethel) is about 1,180 VF.
 - iii. Total Approximated cost for Lining ALL MH's (\$ 180,000).
 - b. WWTP's (EQ tank only) (discussed with Dutchland – CO forthcoming).
 - c. Wet Wells (discussed with Dutchland – CO forthcoming).
- 5. Retaining Wall for Old 22 Pump Station
 - a. Input on type of block to be used.
 - i. Limestone Face
 - ii. Cobblestone Face
 - b. Specify Coloring of Block?
- 6. Perimeter Fencing
 - a. Establish setback from property line for fence installation.
 - b. No Township requirements (can be placed at the property line).
 - c. Suggested one foot setback for maintenance purposes.
- 7. Painting of building Walls (interior).
 - a. Color Selections (see handouts).
- 8. ACT 537 Plan Update and input
 - a. Simplification of three (3) service areas only.
 - i. Immediate needs area (existing sewer service area).
 - ii. 5-10 years.
 - iii. Potential Future Development (along highway, etc.).
 - 1. This would require developers filing planning modules.
 - 2. Planning module would allow Authority to require full plan and financing/costs at that time.
 - 3. Developer's would be responsible for ALL Costs in this area.
 - b. Authority representative to contact Frystown All American and discuss details? Vision Engineering present also?
 - i. Discuss overall plan.
 - ii. Possibilities of easement (for pump station).
 - iii. Ownership of Gables Lots?
 - iv. Discuss pre-treatment requirements (future connection to system).
- 9. Additional and Revised Change Orders Presented (see copies of print out – various contracts, various change orders).

The following notes were taken during the Engineer's report from discussion with the Board and Vision Engineering:

A handout with engineering agenda items were given to members for reference.

1. Removal of Groundwater remediation alternatives: Members discussed options A-D presented by Vision. A motion to go with option C if it is cost efficient was made by Carl Weaver. Second by Rufus Geesaman. All agreed. Motion carried. Cost estimates will be emailed to members as soon as they are available.

2. BCCD Violation was discussed. John advised that a meeting with BCCD is scheduled on March 26, 2009. He will update members after the meeting.

3. Budget Update: a handout was given to members.

4. Lining Costs: John Roche will get additional costs and more information for the next meeting.

5. Retaining Wall for Old 22 Pump Station: Members looked at pictures of the two choices of block to be used on the retaining wall. A motion was made by Rufus Geesaman to go with the Cobblestone Face block. Motion seconded by Kevin Stop. All agreed. Motion carried.

6. Perimeter Fencing: Members discussed establishing a 1' set back from the property line for the fence installation.

7. Paint color choices for the walls and floors of the pump stations were shown to members. Rufus Geesaman made a motion to go with Autumn Mist and Mega Seal Haze Gray. Second by Carl Weaver. All Agreed. Motion carried.

8. 537 Update: After discussion members requested Vision Engineering contact Frystown All American and set up a meeting to discuss future potential, the overall plan and the possibility of an easement for a future pump station.

9. Additional and Revised Change Orders: Rufus Geesaman made a motion to approve Change Orders for Contracts 4 & 5 - Change Order #2 – Revision 1, Change Order #3 & #4. Second by Kevin Stupp. All agreed. Motion carried.

John also advised members he was contacted by the Mechanical Engineer regarding a delivery delay of some material. John stated that it should not affect the other contractors. After discussion he was instructed to issue a letter to the manufacturer stressing the importance of delivery.

The EDU usage of the Bethel Elementary School was discussed. John will give Solicitor Parish some calculations regarding the flow so he can contact the School Solicitor.

Old Business

The extra paving for the Giorgio property was discussed. John will come up with some costs for the next meeting.

Adjournment

A motion to adjourn the meeting at 8: 27 p.m. was made by Rufus Geesaman. Second by Harold Gruber.

Respectfully Submitted,

Darlene M. Orendo
Secretary