

**WEST GOSHEN SEWER AUTHORITY**  
**EMERGENCY MEETING**  
January 16, 2019  
7:30 PM

An emergency meeting of the West Goshen Sewer Authority was held on Wednesday, January 16, 2019 at the West Goshen Township Administration Building. Those present were:

**Authority**

Theodore Murphy  
Tina Smith  
Dan Tierney  
Shaun Walsh

**Unruh, Turner**

Ross Unruh

**Administration**

Mike Moffa  
Dave Woodward  
Casey Lalonde

**HRG**

Cory Salmon  
Justin Bates

1. The emergency meeting of the Authority was called to order at 7:30 PM by Ted Murphy with the Pledge of Allegiance.
2. Ted Murphy requested Mike Moffa to advise the Authority on the sewer line situation on S. Five Points road off Rt.3 in the Township. Mike Moffa described how multiple collapses in the line had caused a significant amount of debris to enter, and that the amount of debris and the line condition prevented jetting to clear it. Because the full extent of the damage is not yet known, two separate Projects were being proposed, Project A (Manhole 848-A3 to Manhole 848-A1) and Project B (Manhole 848-A1 to Manhole 848-A).

Project A includes the replacement of approximately 646 linear feet of existing 14-inch diameter asbestos cement (AC) sanitary sewer pipe with new 15-inch diameter PVC pipe; replacement of approximately 54 linear feet of 8-inch diameter AC pipe with new 8-inch PVC pipe; replacement of approximately 50 linear feet of 6-inch diameter laterals with new 6-inch PVC pipe; assumed replacement of three existing 4-foot diameter precast concrete manholes with new polymer concrete manholes; plus associated work including clean-out ports and surface restoration.

Project B requires CCTV inspection to be completed by the Township to confirm that the sewer main can be rehabilitated instead of replaced. The work includes cured-in-place pipe lining of approximately 156 linear feet of existing 14-inch diameter AC sanitary sewer pipe; installation of approximately 10 vertical feet epoxy lining; plus associated work.

The Authority discussed the work scope and the cost estimate provided by DiRocco Bros. Inc. for the emergency repairs:

- Confirmed full replacement cost for manholes 848-A3, 848-A2 and 848-A1 should be included
- Added scope to line the newer manhole, Wawa-MH, between 848-A3 and 848-A2
- Projected start date (weather dependent) is approx. in 3-weeks
- Duration of work is 3 to 4 weeks (weather dependent). Road diversion during this period will be necessary. Have DiRocco provide an estimate for management of the detour.
- Provide sufficient funding authorization to replace manhole 848-A, if found to be necessary

Based on the cost estimate provided by DiRocco and adjusting for the scope items listed above, plus a 10% cost contingency, the emergency repair project cost was expected to be approx. \$486,000. Dan Tierney advised that the Authority would have cash on-hand of approx. \$1.5m at the end of January.

Ted Murphy motioned to approve funding of up to \$500,000 to complete emergency repairs to the sanitary sewer line and manholes on S. Five Points Road as described. Seconded by Dan Tierney. Approved 4-0

3. Emergency repairs are expensive and the Authority discussed options to prevent or mitigate on-going hydrogen sulfide corrosion in the older, most vulnerable parts of the West Goshen collection system. The issue is complicated and appropriate approaches need to be considered for the entire system. The Authority requested HRG to advance the discussion by bringing an analysis of the costs, and pros and cons of potential options to the Feb. meeting. Solutions to include i) use of additives and ii) acceleration of the inspection schedule/cure-in-place lining for mitigation. **ACTION: HRG – Josh Fox**
4. The Authority discussed with Robin Stuntebeck, WGT Supervisor liaison, the forward view of funding for collection system repairs (planned or unplanned) and the best approach to manage the Township Sewer Fund balance earmarked for capital repairs together with revenue for the new capital reserve fund . It was agreed to agenda this item at the Feb. meeting with Board of Supervisor representatives in attendance. **ACTION: Ted Murphy**

There being no other business, Shaun Walsh motioned to adjourn the meeting at 8:30 PM, seconded by Tina Smith. Approved 4-0

Respectfully submitted,

Shaun Walsh, Secretary