



***CET Engineering  
Services***

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**MEMORANDUM**

**TO:** Washington Township Municipal Authority

**FROM:** Kevin Shannon, Chad Angle

**DATE:** September 16, 2008

**RE:** Authority Meeting Engineers' Report

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The following are summaries of CET's activities since the August 12, 2008 WTMA meeting:

**WATER SYSTEM**

Hess Well and Brookdale Booster Pumping Station VFD and Controls (1798.3001)

- ◆ Receive and open bids.
- ◆ Authorize CET to review and tabulate bids, and award contract to apparent low bidder upon receipt of acceptable bonds and insurance submittals.

Bubbling Springs Generator

- ◆ A preliminary generator design was received from KEG on August 20, 2008. The design was based on a diesel generator. CET informed KEG that the generator would likely be propane powered. KEG can make the appropriate changes to accommodate a propane generator.
- ◆ CET needs an updated Bubbling Springs site plan that shows underground utilities, specifically the Buena Vista Springs influent line and wet well overflow line. These utilities need to be coordinated with proposed generator location.
- ◆ Need determination if propane tank should be buried or placed above grade.

Miscellaneous

- ◆ Discussed status of Buena Vista Springs rehab with Gene.

**SEWER SYSTEM**

Special Act 537 Planning Study to Determine WWTP Nutrient Removal Capabilities and Evaluate Alternatives to Comply with Pennsylvania's Chesapeake Bay Tributary Strategy (1798.0300)

- ◆ CET is currently working on study/report.
- ◆ Preliminary budget numbers for SBR upgrades and digester upgrades and options have been completed. CET is waiting for final pricing from vendors to complete the budgetary estimates.

Sewer System Capacity Analysis (1798.0800)

- ◆ Provided sample meter reports to Bob Carpenter and Andy Zeigler.
- ◆ Prepared Service Area map and final draft of Plan of Study and Task-Activity Worksheet. Review with WTMA.
- ◆ If POS and TAR are acceptable to WTMA, the worksheet should be approved and signed, and CET will submit them to DEP for approval.

Miscellaneous

- ◆ Nothing new this month.

**DEVELOPER SUBMITTALS**

- ◆ Washington Township Boulevard (1798.5005) – provided past CET correspondence and advice relative to D.I.P. water main to Sean.
- ◆ Thornhill (1798.5011) – Awaiting response to comments in 5/28/08 letter.
- ◆ B2M2 (1798.5012) – No activity this month. Awaiting pumping station design drawings, calculations, and DEP WQM Permit application package.
- ◆ Washington Township Center (1798.5022) – Awaiting response to comments in 6/2/08 letter.
- ◆ Martins Village PRD (1798.5023) – See CET's comments in our 8/18/08 letter to WTMA.
- ◆ Antietam Creek Estates/Dan Long PRD (1798.5024) – See CET's comments in our 8/19/08 letter to WTMA. Discuss Ronnie Martin's 9/7/08 proposal to Andy Zeigler relative to sewer service route.