



**CET Engineering
Services**

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MEMORANDUM

TO: Washington Township Municipal Authority

FROM: Kevin Shannon, Chad Angle

DATE: August 25, 2009

RE: Authority Meeting Engineers' Report

The following is a summary of CET's activities since the July 28, 2009 WTMA meeting:

WATER SYSTEM

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

- ◆ A letter of Substantial Completion dated August 6, 2009, along with required close out documents, were sent to Monacacy Valley Electric on August 19, 2009.

Bubbling Springs Generator (1798.3002)

- ◆ Nothing new was reported to CET this month.

New Well Development (1798.1800)

- ◆ Kevin and Chad discussed permitting requirements with Sean, and CET participated in a phone conference with Sean and DEP on 8/18/09.

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 submitted the Special Study to DEP on July 17, 2009. Nothing new this month.

Sewer System Capacity Analysis (1798.0800)

- ◆ Issues with existing flows were resolved and existing, proposed and future flows were modeled through service area trunk lines and the main interceptor to the treatment plant. Future trunk and interceptor improvements were identified and preliminary cost estimates were prepared. Alton Whittle will be presenting a draft report and discussing modeling results with WTMA at the meeting.

Miscellaneous

- ◆ Prepared Consulting Engineers Certificates for Brandee and discussed requirements for Consulting Engineers Certificates with Sean.

DEVELOPER SUBMITTALS

- ◆ Thornhill (1798.5011) – Awaiting response to comments in our 5/28/08 letter. *No change from last month's report.*
- ◆ B2M2 (1798.5012) – Awaiting response to comments in our 6/14/07 letter. *No change last month's report.*
- ◆ Martins Village PRD (1798.5023) – Awaiting response to comments in our 8/18/08 letter. *No change from last month's report.*
- ◆ Antietam Creek Estates/Dan Long PRD (1798.5024) – Awaiting response to comments in our 8/19/08 letter. *No change from last month's report.*