



***CET Engineering
Services***

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MEMORANDUM

TO: Washington Township Municipal Authority

FROM: Kevin Shannon, Chad Angle

DATE: March 17, 2009

RE: Authority Meeting Engineers' Report

The following are summaries of CET's activities since the February 3, 2009 WTMA meeting:

WATER SYSTEM

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

- ◆ CET received and reviewed shop drawings.
- ◆ CET along with Keystone Engineering Group conducted a telephone conference call with the instrumentation vendor to clarify and resolve submittal issues.
- ◆ CET received an Application for Payment in the amount of \$1,302.76.

Bubbling Springs Generator

- ◆ CET received shop drawings for the generator and automatic transfer switch. The shop drawings were forwarded to WTMA staff for their review and approval.

Miscellaneous

- ◆ Nothing new this month.

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)

- ◆ Revised report to reflect final review comments by WTMA and CET, and to show recommended work as three (3) separate projects, with flexibility to combine projects if grant fund becomes available or other circumstances warrant combining projects.
- ◆ Discuss the next steps
 - Transmit copies of final draft to Township and conduct workshop meeting with Township.
 - Edit final draft per Township's comments.
 - Submit copies of final draft to Township and County planning commissions, and advertise a 30-day public comment period.
 - Address any comments received from the public and planning commissions.

- Township Supervisors adopt Plan by resolution.
- Submit to DEP.
- Address any comments received by DEP and submit final plan to DEP for approval.
- Assemble cost documentation and submit Act 537 planning grant application to DEP reimbursement of 50% of eligible planning costs.

Sewer System Capacity Analysis (1798.0800)

- ◆ Work continued. CET will give this study high priority, now that the WWTP Special Study has been finalized.

Miscellaneous

- ◆ Chapter 94 Report - Reviewed hydraulic and organic loading projections and provided comments to R. Carpenter.

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.*
- ◆ Washington Township Center (1798.5022) – Awaiting response to comments in 6/2/08 letter. *No change from 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.*
- ◆ Mary Lindquist Apartments (1798.5025) – Awaiting response to comments in our 1/22/09 letter. *No change from last month's report.*
- ◆ Spring Run Estates, Phase 3 (1798.5026) – Awaiting response to comments in our 12/9/08 letter. *No change from last month's report.*