



***CET Engineering  
Services***

1240 N. Mountain Rd.  
Harrisburg, PA 17112  
717-541-0622  
FAX 717-541-8004

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**MEMORANDUM**

**TO:** Washington Township Municipal Authority

**FROM:** Kevin Shannon, Chad Angle

**DATE:** February 3, 2009

**RE:** Authority Meeting Engineers' Report

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The following are summaries of CET's activities since the January 13, 2009 WTMA meeting:

**WATER SYSTEM**

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

- ◆ CET received and reviewed shop drawings.
- ◆ CET submitted a letter to the Contractor dated January 19, 2009 requesting a submittal schedule and project schedule along with a written assurance that the project would be completed by April 30, 2009.
- ◆ CET received a project schedule via email on January 29, 2009.

Bubbling Springs Generator

- ◆ CET issued a Notice to Proceed dated January 19, 2009 with January 19, 2009 as the effective date of the Agreement.

Miscellaneous

- ◆ Brief discussions and emails with Sean regarding Hess Well 2.

**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)

- ◆ Received WTMA comments from Sean.
- ◆ Discussed potential delay/phasing of SBR upgrade with D. Lounsbury (Aqua-Aerobics rep.)
- ◆ Discuss the next steps
  - Edit final draft per WTMA's comments.
  - 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)

- ◆ CET worked on updating the service area map to show approved, planned and potential developments in the service area.
- ◆ CET received additional meter data from Bob Carpenter for the trunk sewers in Mentzer Gap Road, Country Club Road, Ivanhoe Drive, and Scott Road.

#### Miscellaneous

- ◆ Discussions with Sean and Wick regarding 2008 Chapter 94 Report. Transmitted electronic files for 2007 Chapter 94 Report to WTMA for use as a template to prepare 2008 Report.
- ◆ Discussions with S. Weaver of Material Matters regarding projected future sludge/Biosolids.
- ◆ Reviewed backup for and signed Consulting Engineer's Certificates for 2<sup>nd</sup> Quarter Operating Expenses advances.

#### **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) – Received and reviewed second submission of construction drawings for sewer and water extensions, discussed with Andy, and sent a review letter to WTMA on 1/22/09. Various discussions with WTMA regarding potential capacity upgrades to the Blue Ridge Summit Pumping Station, potential cost recovery alternatives, and planning approval letter.
- ◆ Spring Run Estates, Phase 3 (1798.5026) – Awaiting response to comments in our 12/9/08 letter. *No change from last month's report.*