



***CET Engineering
Services***

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MEMORANDUM

TO: Washington Township Municipal Authority

FROM: Kevin Shannon

DATE: December 14, 2010

RE: Authority Meeting Engineers' Report

The following are summaries of CET's activities since the November 16, 2010 WTMA meeting:

WATER SYSTEM

Green Ridge Booster Pumping Station/WaterCAD Model

- ◆ No activity by CET this period. CET prepared a proposal last month to guide WTMA staff in updating and calibrating the WaterCAD model (including elevations, PRV settings, hydrant testing results, current and future system loads/demands, etc.) and run scenarios with Hess II, etc.

SEWER SYSTEM

Blue Ridge Summit Pumping Station Upgrade Study (1798.4005)

- ◆ No activity by CET this period, pending collection of peak flow data by WTMA.
- ◆ WTMA and CET personnel attended a tour of the Gorman-Rupp factory and pump room demonstrations on December 8/9. The Blue Ridge Summit P.S. uses Gorman-Rupp pumps and various options to upgrading the station's capacity include modifications to the existing pumping system and replacement with a new pumping system.

WWTP Additions & Alterations (1798.4006)

- ◆ CET evaluated final design options for various components of the project and reviewed them with Sean and Wick.
- ◆ CET is finalizing preliminary process drawings and preparing the Part II Permit Application.

Interceptor/Trunk Line Replacement Project

- ◆ WTMA awarded survey/mapping work to R. Lee Royer & Associates. Royer has been working on the field survey and should finish their work this month.
- ◆ CET is preparing a proposal for design/bid/construction phase services for consideration by WTMA.

Miscellaneous

- ◆ K. Shannon prepared Consulting Engineers' Certificates as requested by Brandee.

DEVELOPER SUBMITTALS

- ◆ No activity by CET this period.