



# Memorandum

April 16, 2021

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|---------|---|---------|----------------|
| To      | Washington Township Municipal Authority Board and Staff |         |                |
| From    | Patrick Boggs   | Tel     | (717) 585-6414 |
| Subject | Monthly Engineers' Report                               | Job no. | 8616488        |

The following are summaries of GHD's activities since our previous Engineer's Report:

## WATER SYSTEM

### **Pine Hill Tank Booster Pump Station and Transmission Mains Project**

- GHD and WTMA performed a site visit on December 2, 2020. Alternative alignments for the water transmission line were walk and evaluated. The approximate location of the Pump Station at Pine Hill was determined.
- GHD and WTMA discussed having the new transmission line from the Brookdale WTP extend all the way to the Pine Hill Tank. Previously, GHD had proposed ending the transmission line at Pineridge Dr., where a 12" main exists. Having a dedicated transmission line without any connections would allow the line to provide additional chlorine contact time. However, the additional transmission line length will add costs to the project.
- The transmission main alignment through the Miller property and up to the Pine Hill Tank is being determined.

### **Water Allocation Permit Renewal - *No activity by GHD this period.***

- GHD submitted the Water Allocation Renewal Application to DEP on January 3, 2018. The application is still under technical review, during which WTMA may continue to operate under their existing permit.

### **Permitting Requirements for Interconnections with WBA and Washington Co., MD**

- The section of pipe required to make the emergency interconnection with Waynesboro needs to be replaced.

## SEWER SYSTEM

### **Blue Ridge Summit I&I Evaluation**

- Josiah B., Andy Z., and Joe S. met at the Blue Ridge Summit service area on 2/26/2021 to discuss metering. GHD will assist WTMA in metering during the wet spring season.
- GHD has begun modelling the BRS PS to determine the peaking factor, based on available data. This is being done in coordination with the review of the Greenview, LLC development.

### **WWTP SBR Valve Replacement Project - *No activity by GHD this period.***

- GHD will be preparing as-built drawings for the project.

### **Miscellaneous Professional Services (8616489) - *No activity by GHD this period.***

- Industrial Pretreatment Program Assistance agreement amendment

- Zullinger Industrial Park sanitary sewer
- ArcGIS Online GIS platform- GHD provided administration support during system maintenance.

**Development Reviews (8616626)**

- Preliminary Subdivision plans for the Greenview, LLC property located on Jacobs Church Road in the Blue Ridge Summit area has been submitted for review. The property straddles Washington Township and Liberty Township. The developer is requesting water and sewage service for all parcels from WTMA.