



Memorandum

January 15, 2021

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.
- GHD intends to present a preliminary analysis of the project to the WTMA Board at the February 16, 2021 meeting.

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 - *No activity by GHD this period.*

- WTMA and GHD submitted the Interconnection permits to DEP in October 2020. A confirmation email was received on 10/23/2020 stating that DEP received the permit application.

SEWER SYSTEM

Blue Ridge Summit I&I Evaluation

- Andrew Zeigler has been in touch with Josiah Blair from GHD to evaluate the metering data. Josiah is coordinating a field visit with Andrew.

WWTP SBR Valve Replacement Project

- A substantial completion inspection was performed on November 4, 2020. GHD certified the project as being substantially complete and provided Johnston a punch list of items that need to be completed.
- Most of the punch list items have been completed. Johnston still needs to provide hard copies of the O&M manual to WTMA and to provide electrical as-built drawings to GHD. Once these items are completed, GHD will approve the final Pay Application and recommend final payment.

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) - No activity by GHD this period.

Sean Mcfarland

From: Patrick Boggs <Patrick.Boggs@ghd.com>
Sent: Friday, January 15, 2021 1:32 PM
To: Sean Mcfarland
Cc: Kevin Shannon
Subject: GHD Engineer's Report
Attachments: 2021-01-15 Engineers Report.pdf

Sean,

Attached is our Engineer's Report for next week's meeting. The report this month is light. Below are some highlights:

1. SBR Valve Project- There are still items outstanding on the punch list, so we are not recommending Pay Application #3 be approved for this meeting. It should be ready for the first February meeting. The last 2 items on the punch list are:
 - a. Hard copies of O&M
 - b. As-building drawings of electrical work
2. Josiah Blair is coordinating with Andy Z. to evaluate the locations of the sanitary meters.
3. Pine Hill Tank BPS Project- We intend to present a preliminary report at the second board meeting in February.

Have a nice weekend,
Patrick

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Senior Engineer

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