

ATTENDEES: SWMAC: Paige Maz, Regina Majercak, Heather Gill, Joe Schanne,
Charles Boschen
CH2M: Daniel Wible

PREPARED BY: CH2M

MEETING DATE: December 8, 2016

SUBJECT: December 2016 meeting

YouTube link: <https://www.youtube.com/watch?v=nbTsPWpFUSM&t=135s>

Review of Previous Meeting Minutes

- NOVEMBER 10, 2016 SWMAC meeting minutes – approved with several minor typographical edits

Public Comment

- No public comment

Update on Banbury Stormwater Management System Design by T&M

- Richard Young and Greg Duncan from T&M presented their preliminary design for the Banbury project
 - After considering both reinforced concrete and modular (plastic) block storage systems, T&M settled on modular blocks for the underground storage/infiltration system
 - The system footprint is slightly larger than the original conceptual design; this is the result of more realistic sizing, spacing, and required aggregate cover for the proposed storage blocks
 - The modular block system allows greater flexibility with respect to the system footprint, as well as working around existing utilities; modular blocks are always easier and quicker from a construction perspective
 - The sanitary sewer would be relocated as part of this project; the cost of this would likely be part of the project cost
 - Closing off the southern most of the two connections between Windsor Ave and Banbury Way makes sense from a traffic perspective; this creates an opportunity for the green infrastructure (i.e. rain garden) shown on the original concept plan
 - The rain garden would include a 1-foot deep ponding area, 2 feet of bioretention soil, an aggregate layer and a modular block layer (part of the larger underground storage/infiltration system)
 - Richard noted that the preliminary design configuration, which includes modular blocks extending beyond the Township right-of-way and onto private property (e.g. Wawa), will be modified based on Township staff comments
 - If the system must be kept entirely within the right-of-way, it will likely have to be extended up Windsor, Banbury, and/or Francis Ave
 - The preliminary design configuration is capable of eliminating flooding for the 25-year storm event, per the design RFP
 - Based on mottling, groundwater is 8-10.5 feet below the ground surface (actual groundwater was observed at around 13 feet below the ground surface); bedrock was not encountered in the borings
 - The stormwater system footprint was minimized within Banbury Way due to the existing utilities

Discussion of Stormwater Administrator Proposals and Recommendations to Board of Commissioners

- Since the interviews for the Stormwater Administrator have not yet taken place, this item was not discussed

Old/New Business

- Storm sewer cleaning and televising: Steve will prepare a project list based on the provided paper reports and videos
 - Regina recommended that the next contract for this work include a final report summarizing the observations and findings
 - Daniel noted that this effort is around 60% complete
 - Daniel also noted that the areas targeted for cleaning/televising were based on the priority problem areas identified in the Township Wide Assessment
 - Daniel will coordinate with Steve about cleaning/televising the pipes in the vicinity of the Banbury project
- Joe asked about the Highview Road outfall project, specifically whether there was an updated cost yet
 - Daniel noted that the design is 50% complete and that Gannett Fleming is supposed to be providing final plans, specifications, and cost estimates by the end of 2016
 - Daniel also stated that he believes the updated cost estimate for this project will likely be somewhat lower than the conceptual budget cost
- Joe asked if the Township is doing its due diligence with respect to the Maplewood/Odorisio Park outfall problem (i.e. eroded channel next to park)
 - Steve had requested that this problem be addressed in 2017
 - Regina noted that the SWMAC must be prudent about how it prioritizes problem locations, as there are many of them and there are limited funds for addressing them
- Septa Train Station: the project is still being held up by access issues
 - Daniel noted that this project has been added to the Township Wide Assessment and that it may prove beneficial for flood reduction, though it may have to be expanded beyond its current scope/budget
- Heather noted that Matt Holtman (Radnor EAC) is starting a Citizens Science Water Quality Monitoring Program and will be applying for a grant that will fund an effort to work with Radnor Middle School students to collect water quality samples in the Township; this will help meet some of the MS4 requirements; Regina suggested that Matt present to the SWMAC at the appropriate time
- Daniel noted that STEM night at the Radnor Middle School will be taking place in April 2017 and encouraged the SWMAC to volunteer; Daniel participated in this effort in April 2016 and found it to be a great event
- Regina suggested that STEM night and/or the Citizens Science Water Quality Monitoring Program be included in an upcoming Township newsletter; Joe suggested that a brief article about the Township Wide Assessment could be included in the upcoming Township stormwater bills
 - Daniel will check to see if it's not too late to include something in the upcoming bills (*Note: it was later determined that it was too late to do this; in the future, something will have to be prepared by mid-November to be included in the stormwater bills*)
- SWMAC officer nominations/appointments should be included on the January 2017 SWMAC meeting agenda
- See December 2016 Stormwater Tracking Table for detailed information

Township Wide Assessment (TWA) - Update

- Daniel provided an update on the TWA, which is approximately 90% complete

