

**ATTENDEES:** SWMAC: Paul Burgmayer, Regina Majercak, Heather Gill, Joe Schanne, Charles Boschen  
CH2M: Daniel Wible

**PREPARED BY:** CH2M

**MEETING DATE:** January 12, 2017

**SUBJECT:** January 2017 meeting

**YouTube link:** not televised

#### **Review of Previous Meeting Minutes**

- December 8, 2016 SWMAC meeting minutes – approved with no comments

#### **Nomination and Appointment of SWMAC Chair and Vice-Chair**

- SWMAC voted to reappoint Paige Maz as Chair and Paul Burgmayer as Vice-Chair

#### **Public Comment**

- Maya van Rossum (Delaware Riverkeeper; Radnor resident) asked about the status of project prioritization criteria and whether the public process for determining this would ever happen
  - Maya clarified that she was not necessarily referring to the prioritization criteria of the Township Wide Assessment (TWA) for specific flood mitigation projects, but to the SWMAC's general approach to prioritizing stormwater goals such as water quality
  - With respect to the TWA, Daniel noted that the prioritization criteria and their individual weightings were still evolving and would be discussed further later in the meeting
  - Joe requested that the Township wide flood location map, as well as all other documents created as part of the TWA, be posted on the Township's stormwater website
  - Regina suggested that, in addition to presentations and other discussed documents, approved SWMAC meeting minutes should be posted on the Township's website on the actual SWMAC meeting date
- Dave McCown (Poplar Ave resident, N. Wayne) asked about the feasibility of storing stormwater under the large parking owned by Eastern University at the intersection of Walnut Ave and Radnor Street Road
  - According to Dave, Eastern University may be amenable to a stormwater project there
  - Dave also indicated that there may be plans underway for athletic fields and/or dormitories and that additional information/coordination was needed
  - Regina noted that the site in question was actually uphill from the N. Wayne flooding areas and would therefore require pumping or excessively deep storm pipes
  - Daniel noted that the site in question was also outside of the N. Wayne priority problem area (as defined by the TWA)
- Bill Sutherland (31 Highview Drive resident) asked for an update on the engineering for the stormwater outfall project at his property
  - Daniel noted that according to Steve Norcini the engineering is 75% complete
  - SWMAC expressed frustration at the slow pace of the engineering and requested that the 75% design drawings be sent to them for review
  - SWMAC expressed an interest in contracting with 2-3 engineering firms for on-call design of small-scale stormwater projects
    - SWMAC plans to make a formal request to the Township Manager

- SWMAC also questioned again if the SPA could perform design services

#### **Discussion on MS4 Permit Scope / Fee Proposal**

- SWMAC generally concerned about the cost of CH2M’s MS4 permit compliance proposal
  - Heather asked: could CH2M take another look at its scope and fee? Or is this its final cost? Daniel stated that CH2M would take another look
  - Heather asked if CH2M’s proposal included outfalls; Daniel noted that outfalls were mapped and that CH2M’s scope included delineating the drainage areas to the outfalls
- Heather and Regina are planning to attend an MS4 workshop for Delaware County municipalities on January 19 [*Note: Courtney Finneran of CH2M also attended this workshop*]
  - Regina suggested that the SWMAC postpone making any decision on this until after they have attended the workshop and gathered more information
  - SWMAC in agreement that it would be prepared to make a decision on the MS4 proposal at its February meeting and then would try to get on the agenda for the second Board of Commissioners (BOC) meeting in February
  - SWMAC also discussed possibility of putting the MS4 effort out for proposal, but were concerned about the additional time that would take
  - Heather asked if CH2M could resend its revised proposal to the SWMAC

#### **Township Wide Assessment (TWA) - Update**

- Daniel proposed the following schedule: Daniel would provide an update to the BOC at their 1/23/17 meeting, present the final TWA results to the SWMAC at their February meeting, and then present the final TWA results to the BOC at one of their February meetings
  - Daniel suggested that if he presented at the second BOC meeting in February, that would give CH2M time to make any requested (minor) updates to the TWA prior to presenting to the BOC
  - SWMAC expressed concern about Daniel presenting any new information to the BOC on 1/23; SWMAC prefers that Daniel only provide an update to the BOC and not present any new information before they’ve had a chance to review it
- Daniel provided a summary table and bar chart for the potential flood mitigation projects in the N. Wayne priority problem area
- Daniel stated the following weights (or “factors”) were assumed for the various prioritization criteria:
  - Flood depth reduction / cost: 100%
  - Flood extent reduction / cost: 90%
  - Water quality: 80%
  - Public amenity: 80%
  - Ownership: 60%
  - Storage volume provided / cost: 40%
  - O&M needs: 40%
  - Constructability: 30%
  - Cost sharing and partnership opportunities: 20%
  - Public safety: 20%
- Based on the above, the SWMAC had the following comments/questions:
  - Ownership should be valued higher
  - Should all weights add up to 1?
  - Is water quality valued too high for this effort?
  - With respect to scoring for public amenity: consider “0” for no impact, a negative value for something that reduces public value (e.g. lost park space), and a positive value for a public amenity improvement

- Constructability should be valued higher

### **Discussion of Possible Recommendation to Board of Commissioners (BOC) for RFP for Maplewood Ave Project**

- To advance further, the SWMAC acknowledged that this project would need a conceptual plan
  - The SWMAC asked CH2M for a proposal to develop a conceptual plan and construction cost estimate; Daniel stated that he would discuss this request with Steve Norcini
  - Regina stated that the new MS4 pollution reduction goals should be kept in mind as this project develops
- Commissioner Higgins briefly discussed the Township's capital budget request to PA Senator Daylin Leach's office for \$200,000
  - The description in the budget request was as follows: This project entails mitigation of a severely eroded swale, created by a storm sewer outfall. The severely eroded swale causes a significant safety issue on residential and Township owned property. The mitigation plan will also increase water quality, and decrease sediment loading in the receiving stream.

### **Old/New Business**

- Banbury project:
  - Daniel provided an update on the project: due to several space limitations, the current storage capacity of the project at the Banbury/Francis/Windsor intersection falls short of the 25-year, 1-hour volume goal and that in order to achieve this desired goal, T&M would have to extend the project scope further up Windsor, at additional cost for surveying, geotechnical, and design
  - Paul asked if the storage goal could be downsized to say, the 10-year storm, which is what T&M had previously suggested as an alternative to expanding scope and also what CH2M has been focusing on for the TWA
  - General SWMAC consensus that T&M should present to the BOC after the SWMAC has made a recommendation at its February meeting
  - Commissioner Higgins stated that in his opinion the option that would require easements on private property should not be dismissed without further investigation; Maya agreed
    - Commissioners Higgins offered to reach out the business owners and residents on whose properties the easements would lie
- Septa Train Station: the project is still being held up for several reasons
  - Commissioner Higgins briefly stated that an infiltration testing subcontractor is being required to carry insurance that will require his company to re-write their entire insurance policy; this would be extremely costly to the subcontractor and/or the Township if the cost is passed through
- See January 2017 Stormwater Tracking Table for additional information

**Next SWMAC meeting:** 2/9/16 (Radnorshire room)

### **Action Items**

- **CH2M** to resend its revised MS4 proposal (11/7/16) to the SWMAC (*Note: completed on 1/13/17*)