

**ATTENDEES:** Radnor Township: Steve Norcini  
SWMAC: Heather Gill, Paige Maz, Joseph Schanne, Regina Majercak  
CH2M: Daniel Wible  
Gannett Fleming: Roger Phillips and Matt Scholz

**PREPARED BY:** CH2M

**MEETING DATE:** May 14, 2015

**SUBJECT:** May 2015 meeting

**YouTube link:** <https://www.youtube.com/watch?v=IYpupGP9eI8>

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

- April 9, 2015 SWMAC meeting minutes - approved

#### **Public Comment**

- No public comment

#### **Steve Norcini Update**

- Growing Greener Grants have recently been announced; DEP will be accepting grant applications until July 10, 2015; the SWMAC is encouraged to think about potential grant ideas for the Township; for additional information, see the following link:  
[http://www.portal.state.pa.us/portal/server.pt/community/growing\\_greener/13958](http://www.portal.state.pa.us/portal/server.pt/community/growing_greener/13958)
- 228 Willow Ave – abandoned property adjacent to a stream channel; Township is considering acquiring this property to construct a stormwater facility; given the size of the parcel, a stormwater facility there would likely not have a significant impact, but the cost/benefit should be explored; significant flooding has been observed at this location
- Update on culverts work:
  - Marlbridge Road – design completed, but permitting still under way; Gannett Fleming to provide construction cost estimate; construction anticipated this year (late summer?)
  - Mill Road – alternatives to pipe replacement, such as lining, being considered (to minimize disturbance); drainage area study underway to determine adequacy of reduced pipe diameter; Gannett Fleming to provide construction cost estimate
  - Malin Road – Gannett Fleming will be submitting its evaluation soon
  - Locating, televising, cleaning of storm sewer system going out to bid shortly
  - Township Public Works crews rebuilt 7 inlets recently

#### **Stormwater Program Administrator Update by CH2M**

- Ithan Creek Watershed Assessment – Township has authorized the scope/fee for this watershed assessment and CH2M has started Task 1 (flood model); CH2M will share results of Task 1 at the June SWMAC meeting
- GIS – CH2M met with Bob Hale (Township IT) and has started converting MapInfo files, developing a GIS needs assessment and implementation plan, and reviewing existing impervious/parcel data
- Billing – CH2M is scheduled to meet with Bill White (Township Finance) on 5/18 to discuss billing workflow; CH2M has started to review stormwater expenditures to date

#### **N. Side Wayne Train Station Stormwater Management Project Update**

- Gannett Fleming provided an update on the stormwater design for the Wayne Train Station (north side):

- Under existing conditions, uncontrolled runoff from this area discharges to an existing drainage channel
- Gannett Fleming has almost completed design of two subsurface infiltration systems to help manage the currently uncontrolled runoff; these trenches will be placed below existing SEPTA parking areas and will entail associated improvements such as new pavement and curbing
- Pretreatment for the trenches will be provided by water quality units
- The trenches were sized based on the available funding (\$100k provided by SEPTA); SWMAC may be interested in exploring options for increasing the size of the trenches and the associated costs in order to make them even more effective
- Infiltration testing will be completed soon, followed by final design, and bidding

### **Stormwater Management Ordinance Update**

- Gannett Fleming provided a summary of their draft updates to the Township Stormwater Management Ordinance (SWMO) in the form of a Powerpoint presentation (to be posted on the Township website); highlights of the updates include the following:
  - Page 5: an example is provided to clarify the requirements associated with cumulative additions of impervious cover on a property; no change is proposed to the requirements
  - Page 33: water quality depth increased from 1 to 1.5 inches (the infiltration depth requirement on page 30 is still 1 inch and needs to be updated)
  - Page 38: sites that reduce impervious cover by at least 25% are exempt from peak rate reductions; however, peak rates cannot be increased from existing conditions
  - Page 39: for development and redevelopment sites, 25% of existing impervious cover, when present, shall be considered meadow in good condition; Regina recommended that there be a minimum disturbance threshold (“trigger”) associated with this requirement
  - Page 41: for underground pipe systems, voids within the stone bedding cannot currently be counted for storage; Gannett Fleming provided a sizing example (with and without stone voids counted) and recommended changing this requirement to allow for the stone voids to be counted for storage
  - Gannett Fleming also highlighted several other items that should be updated:
    - Inconsistent definitions of “impervious surface” between the SWMO, SLDO, and Zoning codes
    - Consideration of credit for installing permeable pavement
    - Consideration of credit for installing wood decks
    - Consideration of pools as impervious surface
    - Consistency with request to infiltration test requirements (double-ring, perc, etc)
    - Considerations for incentivizing reduction of impervious cover
- Public comment: Maya Van Rossum asked for clarity on the process/schedule for public comments on the SWMO update
- Response to public comment: the draft SWMO updates will be posted on the Township website soon after the meeting; there will be a formal comment period in the fall of 2015 (with one or more public meetings) to discuss the draft SWMO updates; comments received (even those submitted now) will be considered and attached to the updated SWMO document; public comments on the draft SWMO should be emailed to the Township with the following subject line “stormwater management comments”

### **Miscellaneous**

- Heather announced another rain garden planting event on Saturday, May 30 from 9AM to 12 PM; the Township has dug out the area for 2 rain gardens, is making the necessary amendments to the soil, and will be ordering the plants; volunteers are needed to help install the plants

**Next SWMAC meeting: 6/11/15**

**Action Items**

- **SWMAC** to compile comments on SWMO update by next SWMAC meeting (6/11)

**Outstanding Previous Action Items**

- **Leah McVeigh/Radnor** to post all previous SWMAC meeting minutes, agendas, and information packets will be posted to the new Radnor Township website
- **Steve** to approach BOC about RFQ for on-call stormwater design services; upon approval, CH2M will develop RFQ for such services