

ATTENDEES: Radnor Township: Steve Norcini
SWMAC: Heather Gill, Paige Maz, Charles Boschen, Paul Burgmayer
CH2M: Daniel Wible

PREPARED BY: CH2M
MEETING DATE: June 11, 2015
SUBJECT: June 2015 meeting

YouTube link: <https://www.youtube.com/watch?v=hU1cGMGsi6o>

Review of Previous Meeting Minutes

- May 14, 2015 SWMAC meeting minutes – approved with minor typographic correction required

Public Comment

- No public comment

SFR Rebate

- SFR rebate on agenda for 6/15 Board of Commissioners meeting
- SWMAC aiming to minimize administrative costs associated with reviewing SFR rebate applications
- SWMAC's proposed workflow for processing SFR rebates (developed by Joe Schanne) would cut the administrative cost roughly in half (from \$400-500 to \$200-250 per review); Daniel noted that administrative costs per review would decrease when multiple applications are reviewed at once
- SWMAC approved the motion to adopt the following revised workflow with the understanding the administrative cost might be even further reduced (if only slightly):
 1. SWMAC subcommittee to review SFR rebate application form and make sure the required information is included (receipts(s), photographs, etc)
 2. If there is any missing information in the SRF rebate application, SWMAC to send form letter back to applicant identifying what is missing (receipt, photographs, etc).
 3. At regularly scheduled, monthly SWMAC meetings, SFR rebate subcommittee to provide summary of SFR rebate applications to SWMAC and SPA; SWMAC collectively approves the applications (as appropriate) and hands off to SPA for processing
 4. SPA verifies that the approved applicants have paid their stormwater fee
 5. Upon verification of item #4, SPA records SFR rebate (Excel, not necessarily GIS) and forwards information to Township Finance Department for payment processing; SPA shall report back to SWMAC with summary of those applicants that have not paid their stormwater fee

Stormwater Management Ordinance Update

- SWMAC discussed the stormwater management ordinance update presented at the May SWMAC meeting by Gannett Fleming
- Heather would like to see an incentive for reducing impervious cover
- Paige would like to see credit given for the use of permeable pavement; Daniel noted that credited permeable pavement should meet certain minimum requirements (permeability rate, open surface area, etc); Daniel also noted that long-term maintenance agreements should also be considered
- Paige and Heather also requested that 20 acres be the maximum allowable area for the Rational Method (as noted on page 39); the ordinance currently allows up to 200 acres

- Steve requested that the SWMAC collectively submit a single memo with all of their ordinance update review comments included; these comments would ideally be included in July 2015 Planning Commission meeting packet

Stormwater Program Administrator Update by CH2M

- GIS – CH2M met with Steve to discuss GIS plan implementation and solicit feedback; MapInfo files are being converted; GIS needs assessment is almost complete
- Billing – CH2M met with Bill White and Amy Lacey (Township Finance) on 5/18 to discuss billing workflow; Finance provided CH2M with the stormwater billing files (including delinquent accounts and tracking for appeals); CH2M has started to assess how to integrate billing into GIS
- Daniel gave an update on the Ithan Creek Watershed Assessment, including preliminary flood analysis results; the flood model was run for the 5-, 25-, and 100-year events over the entire Township (Ithan Creek, Meadowbrook Run, Darby Creek, and Gulph Creek) and the preliminary results demonstrated good correlation with known flooding locations
 - Daniel noted that drainage conveyance constraints are beyond the capacity of this rapid assessment flood model; additional tools and data gathering (outside of the Ithan Creek Watershed Assessment scope) will be required to further analyze such constraints; this model is meant to validate and help prioritize flooding locations in the Township based on surface topography
 - SWMAC suggested also looking at smaller and more intense storms
 - Paul noted that Gulph Creek did not appear to have any flooding (CH2M follow-up: there were some flood areas associated with Gulph Creek, but they were not shown on the presented flood maps; they will be included on the revised flood maps)
 - Updated flood maps/analysis and draft potential solutions will be presented at the July 2015 SWMAC meeting
 - Concept plans/costs for 3 sites will be presented at the August 2015 SWMAC meeting
- Daniel presented a draft summary of the Township Stormwater Budget, including a breakdown of revenues, expenditures, and encumbrances from 2012 to 2015, as well as projections for 2016; the expenditures and encumbrances were split between “stormwater operations” and stormwater administration”, consistent with the Township’s designation (Steve noted that “operations” is somewhat misleading)
 - SWMAC requested more detail on the 2013 and 2014 expenditures noted as “misc” (\$237,820 and \$641,170, respectively)

Steve Norcini Update on Stormwater Management Projects

- Culverts
 - Malin Road culvert feasibility study: costs submitted by Gannett Fleming this week; SWMAC to provide recommendation based on 2 options (culvert rehabilitation or replacement)
 - Marlbridge Road – out to bid; Township has already purchased the piping from Contech (due to concerns over lead time); should be constructed by end of this year
 - Mill Road – Steve may solicit proposal from CH2M for pipe replacement design
- Storm sewer cleaning/televising is bidding; bid requires compatibility with GIS
- Township-wide culvert analysis and feasibility study (Steve envisions as a 3-4 year program) – Steve has 4 more culvert studies for Gannett Fleming, Steve had been waiting on other culvert studies to be completed; Gannett Fleming to provide fee proposal
- Wayne Train Station – infiltration testing to occur next week; Gannett Fleming also looked at south side for a potential retrofit project (viable option but greater traffic disruption); north side is considered better opportunity; Gannett Fleming also looking at mitigation options for driveway runoff (currently unmanaged, chronic problem for residents)

- Rain garden recently installed at Township building (grant funded); two more rain gardens to be planted on 6/20
- N. Wayne Basin and Poplar Ave Outfall – in permitting; Steve to post packet online; should have bidding documents prepared by end of this year; Steve handed out report on plantings for N. Wayne basin (posted on Township website)
- Stormwater Ordinance update – ongoing throughout this year
- New stormwater problems:
 - Godfrey Road: private residence downhill from another private residence with stormwater management basin (predates 2005 stormwater ordinance); downhill residence has had chronic runoff problems, possibly as a result of uphill basin not performing as intended (Steve shared photos showing significant runoff on downhill residence); Steve to verify dimensions of basin
 - Odoriso Park: resident brought to Steve’s attention a severely eroded swale on Township property (3-4 feet deep; several hundred feet long starting at outfall – receives runoff from lone inlet on Maplewood); back part of the park with little recreational use; safety concern; possible solutions: pipe extension, vegetated swale, etc; Steve looking for creative solutions from SWMAC
 - Plant Ave: Gulph Creek runs through Township owned parcel with garage; potential site for stormwater management project?; Steve to engage consultant to develop concept?

Miscellaneous

- Heather announced another rain garden planting event on Saturday, June 20 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 has plants ready to be installed; volunteers are needed to help install the plants

Next SWMAC meeting: 7/9/15

Action Items

- SWMAC to compile comments on SWMO update by next SWMAC meeting (7/9)
- SWMAC to provide input on Malin Road culvert
- SWMAC to provide input on new projects identified above
- CH2M to provide more detail on 2013/2014 stormwater expenditures
- Steve to post N. Wayne Basin permitting packet online

Outstanding Previous Action Items

- Steve to approach BOC about RFQ for on-call stormwater design services; upon approval, CH2M will develop RFQ for such services