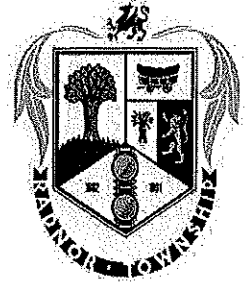


Radnor Township
Stormwater Management Advisory Committee (SWMAC) Agenda
7:00pm, Thursday September 11, 2014



1. Call to Order

2. Review and approve meeting minutes from June and August SWMAC Meeting.
(10 minutes)

3. Public comment.
(15 minutes)

4. Old Business/New Business: Upcoming North Wayne Basin Township meeting, MS4, Project Prioritization
(30 minutes)

5. Stormwater management credit program for ODP 2-7.
(60 minutes)

6. Set the date and time for the next subcommittee meeting.
(5 minutes)

7. Adjourn meeting

From: DeStefano, Jennifer [<mailto:jdestefano@radnor.org>]
Sent: Friday, September 05, 2014 12:21 PM
To: DeStefano Jennifer (jdestefano@radnor.org); Zienkowski, Robert (rzienkowski@radnor.org)
Subject: North Wayne Park- Stormwater Basin

Good Afternoon Neighbors!

Discussions in regards to the North Wayne Park- Stormwater Basin will be discussed at the Board of Commissioners meeting on September 22, 2014 beginning at 6:30 PM. The meeting will be held at the Radnor Township Building located at 301 Iven Avenue, Wayne, PA 19087. Ryan Cummins with Chagrin Valley Engineering will be in attendance at the meeting with an updated plan and cost estimates which originated from comments received at the resident meeting on June 30th. We look forward to hearing all comments and concerns from residents at the Board of Commissioners meeting. If you are unable to attend, please feel free to forward your comments to Bob Zienkowski at rzienkowski@radnor.org.

Regards,
Jennifer

***Jennifer DeStefano
Executive Assistant to the Township Manager
Radnor Township
301 Iven Avenue
Wayne, PA 19087
610-688-5600***

Radnor Township
Stormwater Management Advisory Committee (SWMAC)
Draft Meeting Minutes from June 12, 2014 Meeting



Meeting Minutes:

Amendments to meeting minutes:

- Add word "committee" in second sentence after "All" and before "members were in attendance."
- Correct stormwater email address to stormwater@radnor.org
Maya moved to approve; Paul seconded – all said yes

Meeting Minutes:

In attendance – Jim major working for Compliance Management International and plans to respond to RFP for SW Administrator; Bob Zienkowski, John Nagle, Don Curley

Public Comment:

The question was asked if there will be a special email address created for stormwater ordinance comments.

Agreed not to discuss North Wayne Field at June 12, 2014 meeting but for committee members to go to June 30 public meeting scheduled to discuss.

Heather did presentation before Board of Commissioners as agreed to by committee.

Heather had coordinated with Elaine to discuss committee's role and tasks. Paul asked for clarification on our role via a ~~via~~-specific projects.

Heather responded that we would recommend implementation of projects using funds collected; board is setting the pace regarding specific project approvals and they will ask the SWMAC for feedback.

Bob said the North Wayne Field project has been approved by the Board and that the project is a done deal. At this time, the committee does not have a role in giving any feedback on that project.

Steve briefly reviewed our role that was laid out in the resolution.

Interim Ordinance language:

Heather asked for individual comments to be sent to her a week prior to next BOC meeting. Next BOC mtg is July 10, 2014.

Membership Information

Heather asked for each committee member to draft a paragraph or two about themselves that can be included on the website.

Project Priority Sheet

Question – how much money is available for use?

North Wayne field park basin cost \$142,500 for design and \$581,099 for construction – total cost \$718,000

Steve asked for support of committee to work on Marlbridge Rd culvert. Pictures were shared and Steve described the headwall split, cracks, and curb settling/subsiding. The estimated cost is \$252,000.

There was discussion that the bridge was used by 10 people. Could this road be blocked off and how big of an inconvenience would it be for residents.

Question – how did the Marlbridge Culvert become the choice priority over other infrastructure projects? Steve advised the SWMAC that he frequently inspects Township culverts and that this culvert was extremely deteriorated. Heather stated that she wanted to replace this culvert to avoid a culvert collapse like the culvert at Chamounix Road. Charles stated that the road would only be closed for 10 people if the culvert failed. Is that an inconvenience, maybe block off the road? Heather stated that if the culvert failed in a large storm event it could create a liability issue.

Steve also wants to do formal evaluation of Malin – cost benefit of replacement verses repair.

The third infrastructure project Steve advised our SWMAC was the Mill Road project south-east of Bryn Mawr Avenue Joe stated that this is a very important street in 5th ward and one of the most important township maintained in this part of Radnor. Steve concurred.

Steve also described 102 Arbor Place – water collects in area. This could be a unique/creative project. Steve said that in the past, the township has allowed things to happen that resulted in stormwater problems for homeowners. Regina said it should only be township created problems. Maya said it should be about solving stormwater issues in the township, not necessarily that it limited to specific township structures or actions. There was a brief discussion on the fact that this would be a SW project on privately owned SFR-1 parcel. Several members expressed very serious concerns about the use of SW fee revenue for this type of activity at all.

Charles asked about how projects are being prioritized/selected. There was discussion of project prioritization and that it will take time to undertake, potentially until the end of the year, that the funds under discussion are 1/3 of the funds available in total for this year, and so makes sense to undertake those projects immediately while the prioritization happens. The list provided to date was prepared by Steve. Commissioners will want the SWMAC to prepare a 5 year project plan with associated costs verses project time line at some point in the future.

There was a discussion on the prioritization of the emergency stormwater culvert/pipe repair/replacements and the SWMAC agreed to the following priority based upon impact to the safety of Radnor residents: 1) Mill Rd, 2) Malin Rd and 3) Marlbridge Drive

Paul motioned that we recommend to the BOC the funding of in priority order: the Mill Road, Malin Road and Marlbridge Drive projects, Maya seconded the motion Unanimous approval

Regina wants to address projects because they are warranted, not because there is an urgency just to do things. Paige asked how much money has been spent in recent years on infrastructure projects. Regina suggests that we should ask the board for additional funds from the commissioners.

Credits program

What would credit be given for – volume, rate, water quality, one or some? Paul highlighted Indianapolis that always requires some level of volume reduction in order to get credit. It was suggested that Radnor's program should similarly require some level of volume reduction.

Idea was discussed to allow for a level of trading – if you do volume reduction that is of benefit to Radnor Township, anywhere in the township or even outside of the township then can get a credit. Another option is to give larger credit during the construction year but it diminishes over time to account for potential reduction and stormwater value to the township, to accommodate monitoring, etc.

There was discussion about a grants program to assist with projects. It seemed to be agreed that volume reduction must be a high priority. Possibly seek out promising SWM projects.

Another path is to identify projects that the township can do on private properties – they would get the value of the investment in their property, and in those cases when the property owner takes responsibility to maintain then they get stormwater credit, if they do not and the township maintains then they don't get credit.

Summary of what most of the SWMAC agreed to:

- Small incentives/gifts programs for private property owners – e.g. rain barrels, native plants, etc
- A credit for ODP 2 to 7 if do a specific level of activity but project have some minimum cost – perhaps \$1,000, perhaps 2500k, perhaps 4000k.
- Identify grant program and work with private commercial properties to implement SWM BMP's.
- Identify and plan for capital improvement projects that the township would implement on private property – if the Township maintains the SWM facility, then there would not be a credit, if property owner maintains then they would receive some type of credit.
- In every instance to qualify we are going to prioritize volume reduction as a mandate and priority.

Township met with AT&T. AT&T said they were open to working with the Township. A meeting was held with SEPTA and they volunteered to contribute up to \$100,000.00 for SWM on the north side parking lot. The Township would be responsible for the design aspect of the project.

Meeting adjourned at 9:35 pm

Radnor Township
Stormwater Management Advisory Committee (SWMAC)
Draft Meeting Minutes from August 14, 2014 Meeting



Present:

Steve
Heather
Paul
Paige
Charles
Regina
Maya

Call for public comment:

No comment

Review approve meeting minutes:

Decision made to hold off on review of previous the June minutes until next meeting since they were not included in the advance distribution.

Old Business:

A summary of the North Wayne detention basin public meeting given. A follow up meeting anticipated for September 2014.

Next meeting there will be a review of the status of the Township's MS4 permit and the substance it contains.

Steve updated the committee on anticipated sewer cleaning and maintenance activities to take place in the coming year. Efforts will include the removal of debris and sediment from storm sewer system, to engage in outfall mapping and televising the system to identify storm sewer pipe in need of repair.

Steve asked for support in putting out a request for bids to engage in the cleaning, televising, mapping, inspecting for storm sewer piping. There are some areas of the township where it unknown or unclear where the storm system. These areas would be a priority for this program.

Paul made a motion: The SWMAC recommends that the BOC allow the public works and engineering department to receive bids for the cleaning, televising, inspecting and mapping portions of the stormwater system of Radnor Township in an amount not to exceed \$50,000. Charles seconded the motion and it was an unanimous approval.

Amec, CH2MHill and a company called T&A all submitted proposals for the stormwater administrator position. Steve, Paige and Steve were involved with the selection process. One of the roles of the position will be to track billing,

impervious cover, managing the database, updating the GIS system, interacting with the committee in a variety of ways. This cost would come from the stormwater impact fee. It was agreed all committee members would be provided a full copy of the final three proposals currently in the selection process along with a list of the applicants who submitted proposals but had already been rejected. Committee members will be given the opportunity to give input into the selection at this point.

Two proposals were provided for the committee's consideration regarding the use of impervious surface as opposed to lot size. The SWMAC will need to vote on this issue at our next meeting in September. Heather will then prepare a memo to submit the following day to include in the BOC's meeting information packet.

Stormwater Management Credit Program:

Agreed we need to make some key decisions/fundamentals for the program.

Question: We need to decide if going to proceed along the path of saying that a commercial property would get credit based on some criteria.

Question: What would the criteria be – volume, rate, quality are the three basic criteria.

Question: What is the total percentage reduction we allow. Range generally from 20% to 100 %. Most in 40 to 50 to 60% range.

Question: Will we do credits for education.

The SWMAC began discussing the percentage question. What should be the fee reduction to motivate properties to construct SWM facilities to reduce runoff. In June we discussed the possibility of allowing partnerships with the Township to be a basis for credit.

Average rate paid is \$302. There are 22 properties that pay more than \$5,000.

Revisited and agreed on a two prong approach

- Property owners could approach the committee for fee forgiveness/credit and/or a grant to carry out a project on their property.
- The committee could approach property owners offering fee forgiveness/credit and/or a grant to carry out a project on their property.

We need to establish criteria to guide project selection. Is there a limit on fee reduction depending on the SWM implementation? Should there be a cap for the program overall?

The committee reached consensus that credits will not be given to property owners for compliance with local, state, federal or regional stormwater management or development requirements. Agreed that the subcommittee will put forth a straw man prior to the next meeting for consideration and then discussion at the September 11th meeting.

The SWMAC also discussed some sort of maintenance, inspection and renewal element for SWM facilities.

Consideration of ordinance revision:

Discussed ordinance revision

Motion made to recommend advancement of the ordinance revision, 5 in support, 1 opposed with the opposition being based on the belief that the revision did not go far enough that the percentage should be greater than 25%

Meeting adjourned 9:11

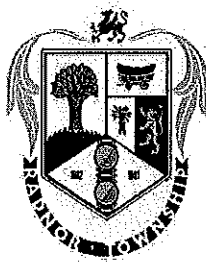
MEMORANDUM

TO: RADNOR TOWNSHIP BOARD OF COMMISSIONERS
FROM: STORMWATER MANAGEMENT ADVISORY COMMITTEE (SWMAC)
SUBJECT: RECOMMENDATION FOR STORMSEWER IDENTIFICATION AND CLEANING
DATE: SEPTEMBER 2, 2014
CC: FILE

One of the stormwater management topics that the SWMAC has begun to discuss are the federal stormwater management permitting requirements, specifically the MS4 permit. As part of this permit, the Township is required to provide and or update a storm sewer conveyance map that would locate all storm sewer mains and outfall structures.

Steve Norcini indicated that there are various areas of the Township where the location of storm sewer mains are unknown. In addition, it has come to our attention that there are various storm sewer mains throughout the Township where sediment has collected and should be removed in order to properly maintain the Township's storm sewer conveyance system.

The SWMAC believes it is important to address both stormwater management permitting and maintenance. Therefore, the SWMAC is recommending that the Board request bids for the cleaning, televising, inspecting and mapping of portions of the stormwater conveyance system in an amount not to exceed \$50,000.00.



MEMORANDUM

TO: RADNOR TOWNSHIP BOARD OF COMMISSIONERS
FROM: STORMWATER MANAGEMENT ADVISORY COMMITTEE (SWMAC)
SUBJECT: REVISED STORMWATER MANAGEMENT ORDINANCE REVISIONS
DATE: SEPTEMBER 2, 2014
CC: FILE

The SWMAC has reviewed and discussed the latest Stormwater Management Ordinance Revisions as prepared in a memorandum by Gannett Fleming, dated May 28, 2014. The revisions for consideration are the following:

- Reducing the 1” infiltration volume to only the developed area
- Return 25% of the existing developed area on site to “meadow in good condition”. The remainder of the site would retain its currently predeveloped condition.

At the August 13, 2014 SWMAC meeting, our committee voted in favor (5 in favor, 1 not in favor) of the current revised stormwater management revisions. According to the member who voted against the current ordinance revisions, the revised ordinance was not strict enough in addressing the reduction of stormwater discharge from future development. The five (5) members who voted in favor of the current revisions believed that the revised ordinances are an improvement. However, it was a consensus that our committee would like to be involved with crafting and evaluating the final stormwater management revisions prior to the Boards approval. Please see the attached additional comments provided by one of our committee members.

