

Langhorne Manor Borough Stormwater Commission – Agenda & Minutes
Monday, May 23, 2022 7:30pm – Borough Hall

Attendees: Liz Colletti (RVE), Michael DeAngelis (RVE), Alicia Gasparovic (chair), Fred Tomlinson, Jim Keba, Heather Palladino, Dave Bean, Kevin Oessenich

1. Approve April meeting minutes – approved with no changes

2. RVE: Liz Colletti & Michael DeAngelis

- Comly Ave project updates
 - The second grant commitment letter (needing signatures) was sent to LMB
 - LMB has ordered materials/piping needed for installation under the new road in June, will be done by JDEckman at no cost to LMB
 - Discussion of an easement from Middletown to install riprap in the wooded area
 - A second proposal needing LMB approval was sent from RVE for the basin design. Basin will have a riprap channel outfall after the forebay. Forebay will have water in it often, but the basin itself will not. Design work will take approx. 6 months from date of agreement execution.
 - RVE will oversee the basin construction.
 - Liz is the best RVE contact for questions relating to MS4 credits, while Michael is the best RVE contact for questions relating to the basin design.
- RVE grant #2 preparation proposal (Watershed Restoration) – for Council approval Tues. A resolution needs to be approved by council by end of June. RVE was reminded that very quick weekend turnarounds for needed signatures can be difficult for the volunteer LMB council.

3. Discussion of possible Hill Ave swale conversion – 2 blocks approaching Comly

- Bioswales and infiltration trenches will cost about the same, but infiltration trenches get more DEP MS4 credits
- RVE estimates a different drainage area being served by the swales, so work would receive more credits than Rettew/Carroll Engineering had calculated
- Regarding “double-dipping” by doing swale projects that handle some of the same water as the Comly Ave basin, BMPs in series are allowed, but different/updated calculations are needed. RVE will do this and talk to Krista Brown at DEP this week.
- A pipe would need to be installed under Elm Ave so the road would be disturbed
- Linear feet / # blocks 2 blocks, East side of street only, from Comly to Park.
- Existing grassy swales / deteriorated stone swales If any stones were uncovered, they could be saved. Looks like just grassy area now, though.
- Trees? Curbs?
 - Potentially only 1 tree in the way near the corner of Hill & Elm.
 - Stone wall SE of Park Ave should not interfere. Swales will be approx. 3 feet wide.
- Cost estimate
- Updates from Bucks Conservation District
 - Approx. \$300k is available right now. Need to move fast if Council approves. Rolling funds/awards. SW projects viewed favorably. Prevailing wage must be paid on larger projects like this one.
 - Next steps:
 - Traffic count – 3 blocks of Hill Ave. Would only be 2 blocks, Heather and Jim volunteered to help with traffic count if needed.

- Application with rough sketch (hand-drawn is ok), materials, equipment, labor, engineering
 - On-site meeting with Morgan Schuster
 - QAB board approval, Conservation District approval
- Need start/complete date, cost estimate (+30% possible later if funds are avail.)
- 1-year from fund award to complete the project [RVE estimates 1 year construction time.](#)
- Match not required, but helpful. May use Borough Manager time, volunteer time (incl. SWC), small portion of project such as seeding/mulching at the end.
- [LMB SWC can send Michael DeAngelis the grant application docs for the conservation district and he could help provide any needed info.](#)
- Other alternatives – raingarden in woods (NW corner Hulmeville & Comly)? [Space between Comly & train track is too limited to try to get more MS4 credits from the planned basin, and the volume and velocity of water would be too much in the woods for a rain garden.](#)
- [PA DEP doesn't yet allow PA municipalities to buy credits from other municipalities, but DC and MD do allow it. Liz thinks the MS4 permits will move to be based more on watersheds than municipalities in the future.](#)
- [Any changes to our current approved plan would need a public comment period. RVE to make sure LMB has satisfied the public comment requirement for the Comly Ave project.](#)

4. Revisiting past questions/next steps:

- Comly Ave - timeline
- Review of calculations – Growing Greener grant, initial overall LMB requirements
 - [RVE is redoing calculations now, using more specific land cover layer data instead of Wiki Watershed and ranges/high end of ranges as were initially used by previous engineering firm\(s\). Will take another 2-3 weeks to complete \(est. finished by mid-July\).](#)
- Cairn University & Mill Creek Watershed
 - [RVE has concerns about the calculations done regarding the Cairn projects as well. Will look into.](#)
 - [RVE spoke with Nave Newell, the Cairn Engineer for the drainage work. As the Middletown Township engineer, RVE has also reviewed the plans. There are 4 drainage areas: 2 areas have completed projects, the other 2 are paused. None have excess volume \(above the requirements for their NPDES permit from increased impervious surface\) that could go towards MS4 requirements](#)
 - [RVE suggested a meeting ASAP with Andy Norton \(now Cairn VP\), RVE, and LMB SWC representatives, to discuss whether the unbuilt/undesigned 2 drainage facilities could be upsized to help with LMB MS4, though there is a risk that these may never be built if the projects is stalled indefinitely. Also could discuss with Cairn whether any additional projects could be constructed on Cairn property to help satisfy LMB MS4 requirements.](#)
 - [RVE to look at whether Cairn property could be parsed back out in light of new curbing along Pine St and initial decisions years ago regarding whether to include or parse out \(with curbs\) Cairn watershed area.](#)
- Verification of original Rettew mapping & calculations
- NEW – L Shuke retrofit sediment controls – possible MS4 credits? Discuss w/RVE
- MS4 timeline is likely to be extended to 7 years rather than 5.
- Annual reports due 9/30 each year. If the LMB plan is revised, it will be submitted then, rather than wait until the next annual report date.
- Dave Bean advised RVE of potential new funding sources, including a connection to the Army Corps Philadelphia District (Adrienne Leary, assistant chief).

5. Role of Borough Manager and SWC – [did not discuss](#)

- coordination with RVE
- grant applications
- contracts

6. PennDOT available MS4 partnerships – from PSAB alert

- Option 1 - Use of PennDOT vendor (Working Lands), negotiate price per pound, typically stream restoration credits. Vendor maintains facility. Borough writes a check, partners with vendor, listed as 3rd party on PennDOT contract.
- Option 2 - RC3 service road removal – no final plans yet, PennDOT to provide later. Credits for next MS4 cycle (2027 onward)?

7. SWC Newsletter – web stats show less of a bump with no postcard

[Idea to post the SWC newsletter link on the Living in Langhorne Manor Facebook page.](#)

8. Next meeting: Monday June 20th, 7:30pm ([Cancelled in June, did not take place](#))

[Minutes prepared by Alicia Gasparovic, Stormwater Commission chairperson](#)