



**Stormwater Committee Meeting
July 23, 2018
Human Resources Training Room**

- 1. Call to Order:** *The meeting was called to order at 6:04 PM*
- 2. Roll Call:** *Roll was called by Barbara Brumbaugh*

Committee Members in Attendance:

*Russell Barbour
Richard Bunton
Bruce Weckworth
Wayne Jones
Carol Warren
Tracy West-Pinkoski
Eric Martin (PW Director)
Kelly Sheeran (Assistant City Attorney)
Barbara Brumbaugh (PW Staff)
Deva Borah (PW Staff)
Watson Lawrence (Ag Dept Director)
Indra "I.B." Paudel (PW Staff)
Nicole Dickens (PW Staff)*

Absent Committee Members

*Richard Bunton
Alden Cleanthes
Tommy Jones
Matthew Fulford (Alternate)
Andy Harmond (Alternate)*

Citizens in Attendance:

Markiella Moore

3. Approval of Minutes:

Minutes of the April 23, 2018 meeting were approved.

4. Citizen Comments:

- Ms. Moore was introduced and welcomed by Wayne. He mentioned that he is trying to draft her as a member of the Committee.
- Ms. Moore requested an update on the Fernwood Farms ditch project and she requested that we put it on the next meeting agenda.
- Ms. Moore met with PW in February, and was under the impression that the project would be moving forward at that time. Her neighbors said they had not been contacted.
- Deva noted that PW is working on the easements and preparing the plat for the project and that the clearing work had been done.
- Wayne Recommended that Ms. Moore be the point person for this project in Fernwood Farms.

5. Directors Items – Eric Martin

- Eric mentioned that the Budget Office released instructions (today) for the next fiscal year Capital Improvements Budget (CIB). PW will review existing projects to see if they are already in the program. He sees this as an opportunity to add projects that are not funded yet to Year 5 of the CIB.
- There is a “critical to fund” list, then other projects get on the list for later years. Once projects are on the CIB list, Stormwater tries to stay with that schedule. Stormwater funding is separate.
- This is the time to consider new projects and estimate costs to add them to Year 5.
- A lot of the smaller projects are developed from larger studies, such as neighborhood drainage improvements.
- There will be a Norfolk Highlands Drainage Study, with projects to be developed from that study.

6. Operations Update – I.B. Paudel

- I.B. presented the Operations summary.
- Wayne asked how old the backlogs are for cave-ins. I.B. stated that most are addressed within 45 days. They are targeted to be addressed within 30 days, but no later than 45 days. PW is on target about 80% of the time.
- I.B. gave an update on the Snag and Drag project in the Northwest River. PW has reached out to 5 of the 6 residents who recently attended the Stormwater Committee meeting. They are working on having a Snag and Drag contract in place by the fall, and the work completed within 5 months.
- Approximately 25,000 linear feet need to be cleared.
- Beaver removal is ongoing and has helped eliminate some of the immediate problems. 5 dams have been removed.
- Carol asked about the Cullipher Farm, and the pasture has been drained.
- There is very high water in the Southern watershed at this time and 2 bridges along the canal are closed.
- Wayne and Russ did some preliminary research on beaver neutering. The expense and chemicals may be prohibitive.
- There has been some research on more humane ways to deal with the issue.

- Wayne recommends that Committee members subscribe to "Stormwater Solutions", a national publication.

7. Engineering, Capital Projects Update, Deva Borah

- DCR has provided Dam Safety funding. The City was awarded \$48K to update the Crestwood I Watershed Study and Mains Creek, and to study repetitive loss properties and needed outfall improvements.
- SLAF grant projects: Oakdale BMP (grant application due Oct 12th).
- Cloverdale, 22nd St BMP, and Lamberts Point projects underway.
- Sign Pine bids are out and offers to purchase property are underway.
- Greenbrier Outfall Phase II and Sunray outfall drainage improvement projects are underway.

8. Lake Management Program, TMDL Action Plans, and Annual Field Trip, Barbara Brumbaugh

- Barbara has been working on the IFB for lake management services so we can advertise. A couple of cooperative contracts have been located and we are trying to use these to treat lakes for nuisance aquatic vegetation. Purchasing is working on that.
- Several neighborhoods have expressed an interest in the cost-share program, particularly Kemp Woods, which may be the first neighborhood.
- The policy side of the new Cooperative Lake Management Cost-share Program is being developed. It will be very similar to the Virginia Beach program. When there is interest, the neighborhood will spearhead the effort and collect signatures from 75% of the lakefront property owners giving permission to treat the lake. The neighborhood will need to provide 50% of the treatment cost upfront and the City will pay 50%.
- It will likely work most efficiently with HOAs, but many older neighborhoods don't have these. Many of the lakes are privately owned and lot lines extend to the center of the lake, but they take public drainage. Many are land-locked, but the City has drainage easements where pipes enter the lakes.
- The City will work to gain access for the contractor through existing easements.
- Alligatorweed will be a challenge and may need a two-pronged approach of treatment and physical removal.
- Wayne requested to be kept up to date on the estimate for the Kemp Woods lake.
- DEQ only had very minor comments on the City's TMDL Action Plans.
- Barbara asked the Committee to think of project types they'd like to see for the annual field trip, which is normally in October.
- Eric gave examples of issues and concerns.
- Tracye suggested a visit to Fernwood Farms.

9. Old Business and New Business

- Eric briefed the Committee on a program Mosquito Control has undertaken to treat storm drain structures such as catch basins. West Nile Virus has been detected in the common brown house mosquito, and

