



## TOWN OF CARRBORO STORMWATER ADVISORY COMMISSION – SUMMARY

Meeting on April 29, 2019, 6:30 pm, Public Works Conference Room

Board Members		Guests	Staff
John Cox	Tom Hoban (absent)		Randy Dodd
Robert Dickson	Jeanette O'Connor (absent)		Heather Holley
Randee Haven O'Donnell (Board Liaison)	Michael Paul		

### **Administrative Matters**

The March 14, 2019 meeting minutes were approved.

### **Scheduling of Future Meetings**

Schedule will remain the same, second Thursday of each month. Next meeting will be on Thursday, June 13, 2019.

### **Staff Update**

Staff provided an update on recent efforts, with a focus on the Boards of Alderman presentations, Stormwater Control Measures inspections, the urban forestry internship, website updates, the Residential Assistance Policy and Program, the FEMA Hazard Mitigation Grant Program projects/applications, and the FEMA Public Assistance application effort.

### **Board of Alderman Presentations**

The SWAC was referred to two BOA April meeting discussions. At these meetings, recent rainfall/hydrology information was presented. Rainfall amounts are ~20" above average for 2018 and the ground water levels are about 12"+ higher than previously recorded since 2013. This above average trend shows is continuing into 2019 as well.

### **SCMs**

The Town has over 200 SCMs that need to be inspected by the property owners, with oversight from Town. Some SCMs have not been inspected since the construction permit final was issued. In some cases this is over 10 years. If the neglected SCMs were to be brought up to date on maintenance there could be significant flood mitigation benefits. Currently staff is working to compile previous inspections, update inventory, create an SOP and schedule for inspections, and develop a SOP and forms for owners to submit inspections going forward.

### **Urban Forestry Internship**

Luke Morin's internship has drawn to a close. The Tree Value Tags were well received and outreach events were successful. The website was updated to include information for the public. Staff anticipate making the tags an annual outreach experience for stormwater education.

### **Stormwater Website Updates**

Staff is planning a website update to include an updated FAQ page. SWAC will be asked to review and comment. Additional information for homeowners will also be added.

### **Residential Assistance Policy and Program**

Staff continues to work on and will present draft of the policy and pilot program to SWAC for review when ready.

### **FEMA Hazard Mitigation Grant Program**

Chronological update of events to date was presented for 2 elevations and 2 new applications.

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### FEMA Public Assistance

Two categories of projects for reimbursal are due at end of May and remaining projects will be completed after those. RFQs for stream bank restoration at Public Works and culvert replacement at Broad Street are being drafted and reviewed by FEMA.

### Land Use Ordinance Review

#### Land Use Ordinance Text Amendment Relating to Stormwater Volume Control Provisions

A public hearing for changes to Stormwater Volume provisions is set for May 28<sup>th</sup>. The SWAC reviewed the changes and recommended that the Board of Aldermen approve the draft ordinance.

#### Further Review

SWAC is asked in the longer term to look at sufficiency of current provisions/standards especially as they relate to climate resiliency, flood mitigation and management of stormwater in Section 15-263 and Appendix I.

- Section 15-263 a: applicability
- Section 15-263 b-f: water quality
- Section 15-263 g: peak flow, elevation, total annual volume
- Section 15-263: Maintenance of SCMs/BMPs

The SWAC discussed: intensity of storms; time of concentration; use of overlay zones/districts or watershed specific regulations for flood prone areas; going beyond the 25 year, 24 hour storm event (e.g., 50 and 100 year, possibly some configuration of 6/12/24 hour storms) which will increase SCM capacity, and potentially result in outlet designs that are more involved; perhaps a "forecasted" version of the NOAA precipitation intensity/duration/frequency curve to account for future climate change, if available.

### Adjourn

The meeting was adjourned at 8:10 pm. The next meeting is set for June 13, 2019.