



**TOWN OF CARRBORO  
STORMWATER ADVISORY COMMISSION**

**AGENDA**

January 10th, 2019; 6:30 pm  
Town Hall Room 100

<b><u>Time</u></b>	<b><u>Item</u></b>	<b><u>Presenter</u></b>
6:30 pm	Administrative matters <ul style="list-style-type: none"><li>• Adjustments to agenda</li><li>• Approval of 12/5 minutes</li></ul>	Chair
6:35 pm	UNC Capstone Team Project	Capstone Team, Staff, All
7:00 pm	Continued Discussion of Project Prioritization	Chair, Staff, All
7:30 pm	Staff Update on Recent Activities	Staff
7:45 pm	Announcements and adjourn	Chair



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## TOWN OF CARRBORO STORMWATER ADVISORY COMMISSION – SUMMARY

Meeting on December 5, 2018, 6:30 pm, Town Hall Room 100

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

### **Administrative Matters**

The September 20th meeting minutes were approved.

### **Capital Projects Presentation and Discussion**

Staff provided an overview of the capital projects that staff have identified in the past and present. Staff's recommendation is that capital needs through FY 19/20 focus on: 1) the high risk situation related to an eroding stream bank and flooding at the Public Works facility; 2) replacing an undersized culvert on Broad Street; and 3) preliminary engineering for stormwater improvements at Anderson Park. Information was also shared about the early stages of determining if any FEMA Public Assistance funds may be available following on Florence. Commission members expressed an interest in continuing the discussion and reviewing the studies that have been previously done as well as the criteria for ranking projects. Staff will upload and share the studies. Commission members also expressed an interest in exploring how to support neighborhoods in future projects.

### **Development Review**

Commission members reviewed the Commission's charge and role in reviewing development projects.

### **Adjourn**

The meeting was adjourned at 8:14 pm. The next meeting will be on January 10th.

# Stormwater Management in Carrboro

A proposed UNC capstone class for spring 2019  
September 20, 2018

## Overall goals:

- Improve outreach and awareness of Carrboro's stormwater management program
- Provide information to Carrboro residents and businesses on how to reduce and mitigate stormwater runoff
- Conduct a pilot study of stormwater mitigation for a particular area of Carrboro
- Advise the Town on specific additional steps the Town could consider to better reduce or mitigate stormwater runoff

## **Preliminary List of Tasks**

1. Design outreach and education campaign to raise awareness about stormwater management and mitigation techniques
  - This could include, events such as, a webinar, workshop or a booth at the Farmer's Market as well as online content, newsletters, etc.
2. Prepare content that could include:
  - Best practices in stormwater management
    - Identify a set of practices suitable for Carrboro
    - Provide information on relative costs, payback period, and other practical considerations for homeowners, residents, businesses...
  - Fact sheets about stormwater mitigation
  - A brief video of particular mitigation projects or sites in Carrboro
3. Consult with a small set of individual landowners who have expressed an interest in reducing stormwater runoff and impacts through practices such as:
  - Reductions in and disconnection of impervious surfaces (green infrastructure), including permeable pavement
  - Rainwater harvesting/reuse
  - Stream buffer restoration
  - Rain gardens
  - Landscaping improvements that increase infiltration, improve soil quality, reduce erosion, and reduce runoff
4. Meet with the Town's Stormwater Advisory Commission to get feedback on the project and to keep it apprised of the Capstone team's work

5. Conduct a pilot study on stormwater mitigation
  - Select a particular area or community in Carrboro
  - Meet with residents or business owners
  - Develop strategies for mitigating stormwater based both on available best practices and on interest from stakeholders
  - Estimate the reduction in stormwater runoff and improved environmental quality