



TOWN OF CARRBORO STORMWATER ADVISORY COMMISSION

AGENDA

February 9th, 2022; 6:30 pm
Remote Meeting

<u>Time</u>	<u>Item</u>	<u>Presenter</u>
6:30 pm	Administrative Matters: Call to order, approval of minutes	Chair, all
6:35 pm	Public comment	Chair, all
6:40 pm	Stormwater Staff Update	Staff, all
7:15 pm	Announcements and adjourn	Chair

Citizens (other than Commission members) should email stormwater@townofcarrboro.org to receive an invitation to view the meeting. The requester should also specify if they wish to make any comments in the email. If you wish to make public comment, at the time of public comment, the speakers will be allowed to address the Commission. Please send any written statement or materials to the same email provided above. All written statement and materials will be forwarded to the Commission members.

TOWN OF CARRBORO



STORMWATER ADVISORY COMMISSION - SUMMARY

Remote Meeting on January 13th, 6:30 pm (Zoom)

Commission Members		Staff
John Cox (vice-chair)	Aja Kelleher	Emily Cochran
Robert Dickson	Jeanette O'Connor (chair, absent)	Randy Dodd
Sammy Slade (Council)	Michael Paul	
Lauren Joca (absent)		

Guests:

Diane Staton, Ellen Weiss, Heidi Perov, Jan Yopp, Pam Zornick, Robin Mullis, Christy Ihlo, Randee Haven-O'Donnell, Robert Demody.

Administrative Matters

Minutes from December were approved unanimously. The SWAC tentatively settled on the 2nd Wednesday of the month as the new regular meeting date and specifically Wednesday February 9th for the next meeting, tentatively scheduled to be confirmed with other members currently absent.

Public Comments

Heidi Perov Perry spoke on behalf of the Quarterpath Trace neighborhood regarding concerns about SCMs and flooding problems.

Stormwater Update and Annual Report

Staff provided a short discussion on the Annual Report on Stormwater Division activities from 2021 and the plan for 2022.

Comprehensive Plan Draft Review

The SWAC discussed the comprehensive plan updated draft and provided comments and recommendations.

Hogan Ridge Subdivision Concept Plan Review

The SWAC discussed the Hogan Ridge subdivision concept plan and provided comments and recommendations.

Adjourn

The meeting was adjourned at 8:30 pm.



TOWN OF CARRBORO

NORTH CAROLINA

TRANSMITTAL: STORMWATER UTILITY

DELIVERED VIA: HAND MAIL FAX EMAIL

To: Stormwater Advisory Commission (SWAC)
From: Randy Dodd, Stormwater Utility Manager
Heather Holley, Stormwater Specialist
Emily Cochran, Stormwater Administrator
Cc: Daniel Snipes, Acting Public Works Director
Date: February 4th, 2022
Subject: Staff Update on Stormwater Program Activities

Summary

The purpose of this memo is to provide the Stormwater Advisory Commission (SWAC) with an update related to recent Stormwater program activities. The SWAC is also referred to the most recent [Stormwater monthly report](#) provided to the Town Council.

Information

NPDES Permit Compliance and Related Program Activities

Staff have shared information in recent months about an audit of the Town's NPDES stormwater permit and subsequent updating of the permits [Stormwater Management Plan](#) and reissuance of the permit. NPDES permits require the implementation of a comprehensive stormwater management program to reduce pollutants in stormwater runoff based upon implementation of six Minimum Control Measures (MCMs): Public Education & Outreach; Public Involvement & Participation; Illicit Discharge Detection & Elimination; Construction Site Runoff Controls; Post-Construction Site Runoff Controls; Pollution Prevention & Good Housekeeping for Municipal Operations. NPDES training for Town staff is underway. The training is being done by Stormwater staff starting with Public Works staff. Each Department is receiving training separately establishing the anniversary date for required annual training going forward.

SCM Maintenance and Inspection

For the past 14 months, staff have been communicating with property owners (Homeowners Associations, commercial and others) regarding their responsibility to maintain and inspect the Stormwater Control Measures (SCMs) on their properties. A total of 50 responsible entities have been contacted, representing 164 SCMs, with varying levels of compliance. Of those contacted, 9 responsible parties (28 SCMs) have completed their inspection report and are in full compliance, 19 parties (81 SCMs) have completed an inspection report but have repairs due, and 19 parties (43 SCMs) are not yet due to submit an inspection report. Two projects have been removed from the program due to being covered under UNC's MS4 permit, and it has been determined that the Post Office's SCM, being under a federal jurisdiction, is not subject to Carrboro's requirements. Potential challenges going forward include: a) the large expense

associated with major repairs/rehabilitating failed/compromised structures built many decades ago; b) the initial communication of responsibility to an apparently new requirement, and c) possession of accurate paper or digital construction plans or other files showing these structures. Staff have developed a program SOP and Owner Guide, made numerous revisions to templates in response to participation in the program, and are continuing to progress in catering the program to responsible parties' needs and reactions.

Illicit Discharge Detection and Elimination Program

Staff continue to further develop and refine the IDDE program. Outfall Reconnaissance Investigations for 2022 are planned to begin in the second week in February with 20% of outfalls to be inspected. Staff are mentoring a UNC student who is assisting in the ORIs and will be using GIS to aid in analysis. Staff are also collaborating with UNC, the Town of Chapel Hill, OWASA and the Orange County Environmental Health Department in formalizing inter-agency response to sewage spills in each stormwater jurisdiction. So far, there has been an increase in communication sharing and supportive reinforcement of compliance between agencies. Illicit discharge training has been incorporated into the annual training for police, fire and public works staff, and has yielded results in increased reports by Carrboro staff.

319 Grant Application

In April 2021, staff presented information about an EPA 319 grant opportunity to pursue watershed restoration (stormwater/ephemeral stream channel activities in the Bolin Forest neighborhood) to the SWAC. The SWAC and Town Council endorsed submitting an application which happened in May. NCDEQ and EPA approved the grant application, and the Town Council authorized moving forward with the project in January. Staff are completing the administrative steps to initiate the project and will be coordinating with the many project partners for the remainder of 2022. More information is available at [this link](#).

Capital Projects

In 2019, the Town Council directed staff to study the High St., Dillard St., Goldston Ave, and W. Main St. drainage system and identify potential improvements. Sungate Design Group completed a conceptual plan in 2020 and the Town Council approved moving forward with the project in June, 2021. The improvements will redirect some of the runoff from High Street, all of which currently flows along Goldston Drive, to West Main Street, thereby reducing the impacts along and downstream of Goldston Drive. Staff have reviewed the study with NCDOT since the improvements would direct more water to the West Main Street underground stormwater infrastructure, and determined that the West Main system is adequately sized and in suitable condition to accept the additional drainage. Preliminary engineering work has been completed and the project construction bid is planned for release in early February. More information is available at <http://www.townofcarrboro.org/2547/Main-Street-at-High-Street-Improvement-Project>.

As one input into planning for future projects, staff are in the early stages of pursuing a stormwater infrastructure condition assessment and will be providing additional information at future SWAC meetings. Staff have also initiated work on potential future green stormwater infrastructure projects at Town facilities and in Town maintained rights of way.

Community Outreach and Engagement

Staff are working with the Town's Communications Director on including write ups and push out in upcoming Newsflashes and Town's Newsletters. Staff are also handing out new outreach cards that during field visits.

A town wide website revamp is under way. Staff have been editing and creating web content for the new webpages to make Stormwater pages streamlined, easier to navigate, accessible, and more informative.

Staff pursued neighborhood scale community outreach events in 2021 and will continue doing so in 2022. Multiple requests have been received via the new online Community Outreach Request Form.

March 12th through the 19th, Carrboro Stormwater is partnering with Orange County, UNC-CH, Chapel Hill, and Hillsborough for the First Annual Orange County Creek Week. Orange County has agreed to host a permanent website for the event that will contain links to resources, educational content, and a calendar for all partner events. A link to the event website will be sent out to SWAC members and the public once it goes live.

Stormwater's Annual Joint Clean-up event with Chapel Hill will be virtual again this year and will be part of the Orange County Creek Week events.

RainReady Study Follow Up and Flood Resilience Framework

The Town Council received a RainReady report from the Center for Neighborhood Technology (CNT) in May, 2020 that provided the Town with recommendations for expanding residential scale green infrastructure and resilience efforts. CNT worked with staff and the Stormwater Advisory Commission and the Commission submitted review comments as part of the effort. The SWAC also received a staff report on resilience in June, 2021 and additional follow up in the fall of 2021, and provided additional comments. Staff continue to pursue this, with active work including but not limited to: drafting of a town wide flood resilience framework; exploring obtaining contractual support with single family residential scale technical assistance/assessments; and compiling and publishing a directory of contractors available to provide assistance to residents.

Recommendation

It is recommended that the SWAC receive the staff update.