

# Stormwater TAG Mtg #1

January 26, 2023 / Noon - 3 pm / virtual Zoom

## Purpose and Goals for Meeting

For TAG members to...

- Begin to establish an effective working group for the High Rock Lake Nutrient Rules Process
- Better understand the rulemaking objectives and informational context
- Become familiar with the role of and charge to the TAG
- Plan for meeting charge

## Participants

Kelsie Burgess, Brent Cockrum, Grace Fuchs, Kevin Haynes, Danica Heflin, Kelway Howard, Keith Huff, Scott Leonard, Andy McDaniel, Zack McKenzie, Chris Millis, Ben Parker, and Darryl Poole.

Facilitation Team: Maggie Chotas and Laura Swartz, DSC

Division of Water Resources: Joey Hester, Rich Gannon, Trish D'Arconte

## Meeting Summary

### Presentations Given

- **Objectives of Rulemaking** - Joey Hester
  - See Slide Deck [here](#)
- **Process Review** - Laura Swartz
  - See slide deck [here](#)
- **Baseline data** - Joey Hester
  - What are the lessons learned coming out of Falls Lake and Jordan Lake processes? How can we learn from those now with HRL? (Danica Heflin)
  - Kelway Howard - with Falls Lake, it is encouraging that there are exceptions for residential smaller lots (1 acre)
  - Keith Huff - curious with the Neuse or the volume match - can you explain that?
  - Trish D'Arconte - developers do *not* want to develop for stormwater
    - Kelway Howard added that developers had to learn that the rules were here to stay and that other developers must comply, and you will learn how to comply. They have learned how to integrate stormwater

development into new developments. It is much harder to add them into existing developments.

- Kevin Huff - There is a spectrum and it will be a culture shock to some.
- Scott Leonard - This is overwhelming; we don't even have an engineering department. Knowing this will get this detailed is bothersome for those of us who don't fully understand it.
- Danica Heflin shared that she has worked with smaller communities. Getting buy-in from the community (both residential and commercial) is the foundational step. Outreach in the community must be done first.

- **Understanding & Accomplishing your Charge** - relevant document [here](#)

- What has happened in the Stormwater world since 2006?
- What does the current landscape look like in 2023?
- Given the current landscape, what else can be done? What other communities can take action?
- What can be done in the short term? Long term?
- What specific management improvements has your sector already implemented for nutrient control since 2006?
  - Andy - everything has changed since 2006
    - In the early days, we were very focused on characterizing what the stormwater was.
    - Now, it's a different ball game. We are brainstorming on research ideas to fine tune designs. How can they be designed to withstand hurricanes and major stormwater events?
    - Everything has matured since 2006.
    - DOT now has a design - manual, we didn't in 2006.
  - Names have changed since 2006. It was called BMPs - best management practices.
- To MS4 communities - when did your stormwater phases develop?
  - Winston - started in the late 90s
- What further nutrient reduction management steps can you take that would make sense?
- Consider both examples of more easily attainable and effective opportunities, as well as
- More long-term or challenging opportunities for your sector
- **When did post-construction requirements kick in?**
  - Keith - ours has evolved, starting with volume control for flooding. Have struggled with long-term o&m of practices, especially with residential HOA's. As they age. Everyone struggles with this b/c nobody has the funds needed.
  - Kelsie - similar, have to dig through files. Have been here 7 years.
  - Zack, Lexington - adopted entire ordinance in 2017 (received permit in 2016); went w/UNC SOG ordinance. Got audited by DEMLR couple years ago, are now working on those updates, that's what brought me on.
  - Scott Leonard, Davidson Co - forestry, pasture and crop make up 60% of total? Don't want to leave other sources out in setting requirements.
  - Brent C - Kelway and I both work all over the state, so see the implementation 24/7. Including see devices failing frequently. Pulled

numbers on recent Davidson Co project; developed 6 out of 48 acres, that was capped to avoid going high density. As we go west, development is less used to dealing with this. Out in mountains, not doing above ground treatment; it's StormTech everywhere – infiltration vaults. In Asheville, that became the thing. Don't want to place burdens on people who don't need to – mom and pops.

## What's Next / Action Items

1. Andy McDaniel will outline all that has been done since 2006.
2. Bullet out changes in Stormwater mindset, technology, infrastructure since in 2006
3. We invite our development/stormwater business interests to describe how their participation in the stormwater management landscape has changed over that same timeframe.
4. All - please have your responses recorded in the shared document by February 23, 2023.

**This group will meet again on Wednesday, March 1 from 1 - 3 pm virtually.**

## Important Links

- [Post Meeting Survey](#)
- [Rulemaking Charter](#)
- [DWR: High Rock Lake Nutrient Management Strategy Website](#)
- [Steering Committee TAG Charges](#)
- [Citrix ShareFile Folder](#)