

7/2/2024  
 Integrated TAG #1  
 NOTES

Jordan Nutrient Rules Engagement Process  
 Integrated Technical Advisory Group (TAG)  
 Meeting 1: July 2, 2024 10:00am-noon on Teams

10:00-11:00am	Introductions and overview of TAG purpose and timeline	Ellie Rauh, DWR
	JLOW Goals, Principles, and Actions	Nancy Daly, Wake County
	Piedmont Conservation	Grace Messinger, PCC
11:00am-Noon	Benefits and Monitoring of Integrated Practices with Group Discussion on Examples for Nutrient Reduction	Ellie Rauh, DWR
	Urban and Rural Interactions and Investments with Group Discussion on Actions to Facilitate Collaboration	Ellie Rauh, DWR
	Closing	Ellie Rauh, DWR

**Attendees:**

- Local Gov't
  - o Chapel Hill: Chris Roberts
  - o Durham: JV Loperfido, Sandi Wilbur, Raven McLaurin
  - o Wake Co: Nancy Daly
- State Entities
  - o DOT: Brian Lipscomb, Andy McDaniel
  - o UNC: Jamie Smedsmo
- NGO's
  - o PCC: Grace Messinger
  - o American Rivers: Peter Raabe,
- Trevor Clements, Tt
- DSWC: Allie Dinwiddie
- DEMLR: Toby Vinson, Mike Lawyer
- NCSU Soil Science: Erin Rivers

**JLOW Interest – Nancy Daly Presentation**

- Review of basic One Water, JLOW concepts.

- Some concepts included in basic talk: systematic management meeting multiple community needs; collective funding of actions.
- Example actions -
  - o Apex/Cary partnership purchased Williams tract; land conservation
  - o Triangle land conservancy priority lands map for Jordan watershed, 2019 – currently not allowed under rules
  - o Septic inspection, maintenance, repair
  - o GSI – example elementary school wetland, cistern

Chris R – is this an option, what does state think? Trevor – Chapel Hill is a member, Melissa McCullough

Chris – Chapel Hill, OWASA and Carrboro talked about forming a stormwater utility some years ago.

Rich – wondering where Wake is on identifying your local needs to address along with nutrients; saw something suggesting Wake has been doing some assessment on that front.

- Nancy - Wake has conducted a community survey to see what people want. Looking to do a comprehensive plan that will capture results. Looking to develop a strategic plan to identify priorities.
- Andy – JLOW looking to develop this, identify JLOW priorities holistically, do outreach.
- Trevor – have talked to election officials since 2017, they’ve identified various needs. Intend to incorporate those in JLOW strategic plan.

### **PCC – Grace M Presentation**

PCC is an RC&D, which is a 501c3. Started in 1967, non-profit in 1986. 2011 – NRCS funding eliminated. Currently 97% services are via grants. North center of state – span Person (NE) - Randolph (SW).

Example projects:

- Revolution Mill
- College Branch downtown Greensboro greenway loop – stream enhancement 2k ft
- Rock Cr Guilford Co-Greensboro - 250 ft bank stabilization – *threatened sewer line*
- Cary Good Hope Farm – 20 ac historic farm in heart of Cary; bought, lease out 2 ac plots

### **Jordan Rules – Seeking Understanding of Practices, Metrics – Ellie Presentation and Workshop**

- Provided form for live entering values, goals, actions, benefits, monitoring metrics. Gave participants time to enter responses. Got lots of input.
- Walk-through by participant to connect the actions to outcomes to metrics.
  - o Allie – value of fresh local food and grassroots leadership connect to farmland preservation connects to increased NRCS C/S for this as metric.
  - o JV – septic to sewer program helps residents get off failing DSFs and connecting to city sewer; goals are lowering stream fecal and associated co-benefits; monitoring could be # systems converted, C/S \$\$ spent.
  - o Trevor – more potable water, move away from single purpose/single use of water, rethink ‘fit for purpose’ uses of water. Wake worried about assimilative capacity of

streams, looking at more distributed systems. Closer to source is more cost-effective. For example capture rooftop water and use for multiple purposes. Water quality part – every gallon recovered and reused is not discharged to WWTP. Need to find balance of water in soil, in vegetation, can we link economic development to this. Track gallons repurposed these ways. Need to make business case, then local officials will start to pay attention.

Allie – have we approached EPA about their expectations for level of effectiveness for alternative/innovative One Water type proposals? Ellie and Rich – We have not contacted EPA yet.

- Andy – important to think about pace of implementation, not overburden people. Important to think about metrics to track and demonstrate progress to people.
- Peter – beginning of Biden administration, EPA put out guidance document on using One Water to address nutrient challenge.
- Erin – used EPA RPS tool a lot in Utah, don't know if it's in conversation here.
- Ellie – JLOW/Option 2 will have to investigate these tools for decision making.
- Trevor – Nicholson is R4 Chief of Staff, has complemented Walnut Creek effort.

### **Jordan Rules – Urban-Rural Dynamics – Ellie quick ppt and Discussion**

- Trevor – when talk about individual practices like exclusion, not just fence, whole system, expensive – could urban investors help with funding to sustain practices into future? Does DWR see any red flags with that?
  - o Andy – group very interested in doing this support of practice maintenance over time. Heard farmers shying away b/c of long-term commitment concern. Critical that rules allow multi-party compliance credit, both urban and ag players in order to make it work.
  - o Peter – more about getting away from credit and toward collaboration focus.
- Ellie – one concern expressed is legal one of inability for LGs to fund across jurisdictional lines.
- Peter – regulations can be changed.
- Nancy – urban/rural interaction has come up a lot in Wake. Won't be one solution for everyone. Need to have all at table, develop menus of tools that will work. Provided link to Wake One Water page - [Stay Engaged | Wake County Government](#)
- Allie – urban folks also need to plan for urban retrofits, it needs to be part of solution.
- Ellie – threw out possible approach using IAIA basis. Involved putting 50% of funds into Catalog practices and the other 50% could be used for innovative ones in IAIA list. Need those interested in the 'option 2' to do more research.