

# Triangle Water Supply Partnership Meeting Minutes

February 7, 2020

9:30 to 12:00

North Cary Water Reclamation Facility  
1900 Old Reedy Creek Road, Cary, NC 27513

**Location:** Conference Line: 888-204-5981 Passcode: 9641981#



## Agenda items

<b>9:30 — 9:35</b>	<b>Welcome and Opening Comments (coffee, breakfast)</b> <b>Attendance:</b> Whit Wheeler, City of Raleigh Sarah Braman, Town of Cary Mark Spanioli, Town of Morrisville Ben Mills, Town of Morrisville Kevin Irby, CDM Smith Jamie Revels, Town of Cary Vicki Westbrook, City of Durham Sydney Miller, City of Durham Marie Strandwitz, Town of Hillsborough Ruth Rouse, OWASA Adam Pickett, Pittsboro Matt Echols, Apex Simon Lobdell, OWASA Chris Sandt, Orange County Mary Brice, AECOM Jeff Adkins, HDR Jen Schmitz, TJCOG Andrea Eilers, TJCOG
<b>9:35 — 9:45</b>	<b>Administrative Considerations</b> <ul style="list-style-type: none"><li>▪ Review of action items from previous meetings<ul style="list-style-type: none"><li>○ Marie (Hillsborough) will verify the Orange-Alamance intake location.</li></ul></li><li>▪ Review and adoption of minutes from December meeting<ul style="list-style-type: none"><li>○ Simon Lobdell (OWASA)- reference a Durham Plan (page5 – third down), revise to Vicki (Durham) as the contact (Simon has no knowledge). Also remove “didn’t go well”</li><li>○ Page 6, third paragraph change to NCAWWA</li><li>○ Kevin Irby (CDM Smith) - Raleigh’s update was erroneously attributed to Adam Sharpe; should be changed to Kevin</li><li>○ Syd (Durham) moved to approve with the above changes; Marie (Hillsborough) seconded</li></ul></li><li>▪ Invoices/Finance<ul style="list-style-type: none"><li>▪ Outstanding invoices</li></ul></li></ul>

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	<ul style="list-style-type: none"> <li>o Three outstanding invoices, Jen will follow-up (only one invoice outstanding at the drafting of these minutes)</li> <li>▪ 5-year Funding Plan – Jen provided brief overview for new Partners.</li> <li>▪ Update of contact information</li> <li>▪ Partner host sign-up sheet – now all reflected on website for duration of 2020 Raleigh for April- confirmed (at the Benton plant; or the Jordan Lake USACE meeting room if possible)</li> </ul>
<b>9:45 — 10:00</b>	<p>Interconnections map(s) updates/finalization</p> <ul style="list-style-type: none"> <li>▪ Jen to modify tagline in legend to say “sharing capabilities”</li> <li>▪ Jen will check scale</li> <li>▪ Syd (Durham) suggests to post to website with these slight changes, everyone agrees. Jen will revise and post.</li> </ul>
<b>10:00 — 10:30</b>	<p>Report out from Technical Committee</p> <ul style="list-style-type: none"> <li>▪ Review of update one-pager <ul style="list-style-type: none"> <li>o Jen will share PDF with group once the map is updated</li> <li>o Whit (Raleigh) made motion and Sarah (Cary) seconded the motion to approve the 1-pager</li> </ul> </li> <li>▪ Advertised the RFQ/RFP <ul style="list-style-type: none"> <li>o Syd (Durham) has spoken with two consultants and he expects 1-2 proposals</li> <li>o Jen has shared on the NC Water listserv, TJCOG newsletter, and directly to consultants</li> <li>o Deadline for questions has passed</li> <li>o Proposals due Feb 28<sup>th</sup></li> </ul> </li> <li>▪ Whit (Raleigh) confirmed that they rescinded their allocation, which was sent to and taken up by the EMC.</li> <li>▪ Everyone has signed their allocation contracts; invoices from DWR have been sent out to Partners. <ul style="list-style-type: none"> <li>o Expect a second bill in the next few weeks for 2019 O&amp;M costs; several expenses such as emergency gate repair, etc. resulted in an additional \$50k+ in charges, larger than typical</li> </ul> </li> <li>▪ Syd (Durham) has been in touch with the Corps to come speak, but no commitment yet. Potentially other staff may fill in (Mark Williams/Dana Matics). Kim Nimmer will attend this meeting. <ul style="list-style-type: none"> <li>o Hold a meeting at Jordan Lake in April or June? Contact Dana Matics? Jen will look into this possibility.</li> <li>o Technical Committee will discuss and develop a list of questions for both the Corps and/or Kim Nimmer for the April/June meetings?</li> </ul> </li> <li>▪ I-40 is being widened, three large tunnels will be extended so they can be maintained – Simon Lobdell <ul style="list-style-type: none"> <li>o Marie says that her understanding is that NCDOT would widen into median, not outwards so may not have large impact on tunnels (also may be put off indefinitely).</li> </ul> </li> </ul>
<b>10:30 — 10:45</b>	<p>UNC Policy Collaboratory Report Discussion</p> <ul style="list-style-type: none"> <li>▪ Ruth (OWASA)- Who from the partnership is serving on the JLOW technical committees? Jen (TJCOG) replied that almost all entities have someone participating on one or more workgroups, and that they are always open to additional members.</li> </ul>

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	<ul style="list-style-type: none"> <li>▪ Sarah (Cary) shared perspective on work groups</li> <li>▪ Jen (TJCOG) described a recent meeting with DWR staff and reiterated the intention of the State to be integrated throughout the JLOW process, and to have workgroup recommendations be carried forward into Rule recommendations whenever possible. DWR/DWI staff will be reviewing the Collaboratory Report and bringing findings and next steps to the EMC in May.</li> </ul>
<b>10:45 — 11:30</b>	<p>Drought Communication – see associated PPT from Rebecca Ward</p> <ul style="list-style-type: none"> <li>▪ NC Climate Office is hoping to make drought communication data and information more accessible and useful without reinventing the wheel <ul style="list-style-type: none"> <li>○ Drought update communications developed and released weekly (usually Thursday after Drought Management Advisory Council conference call, or Friday if drought status results in proclamations or restrictions)</li> <li>○ Short range forecasts are updated once monthly</li> </ul> </li> <li>▪ Rebecca asked Partnership what would be most useful for them: <ul style="list-style-type: none"> <li>○ Vicki – would prefer to get weekly updates pushed through Twitter so she can easily reshare information (Rebecca suggested following @nccso)</li> <li>○ Email - If they print well, would like as attachment and in body of email so can easily share with electeds and public (Rebecca indicated they do print very well)</li> <li>○ The group discussed the possibility and feasibility of a similar aggregated conditions report for the Cape Fear River Basin. Rebecca et al are pursuing a grant with the proof of concept from the Catawba effort as application for additional funding that could be used for CPRB and others. <ul style="list-style-type: none"> <li>▪ Sarah (Cary) and Vicki (Durham) indicated that basin delineations are necessary to compare against basin-level metrics and aid in informed decision making, etc; especially being able to assess portions of a basin upstream from a particular point. From a communication perspective, having a media-shed-level perspective would also be helpful.</li> <li>▪ Ruth (OWASA) described how most Boards and the public will be interested in asking “how concerned should we be?”, and therefore a map that shows amount of water supply remaining in reservoirs would be of particular import.</li> <li>▪ Syd (Durham) indicated that a rate of change over time would be helpful for drought perspective.</li> </ul> </li> </ul> </li> <li>▪ The Drought Council Annual Meeting will be held in Raleigh on 4/2/2020.</li> <li>▪ The Carolinas Climate Resilience Conference is in Durham on 10/26 -10/28</li> </ul>
<b>11:30 — 11:50</b>	<p>Active projects updates/Partnership around the table</p> <ul style="list-style-type: none"> <li>▪ AWIA Compliance Updates</li> <li>▪ JLOW Update</li> <li>▪ Raleigh- Whit <ul style="list-style-type: none"> <li>○ Revisions to the EPA Lead and Copper Rule require lead service line replacements. Commenting through other organizations. Challenging to determine what materials comprise pipes on the customer side! (Durham had the same concern, Cary also submitting commenting through NCAWA)</li> </ul> </li> </ul>

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- Jeff- evaluated multiple different studies to consider that requirements were met without doing a new study
- Cary- Sarah and Jamie
  - Finishing up technical memorandums related to flushing optimization and audit validation. Recently learned that a new software will soon be available with auto calculations for data scores based on a questionnaire of practices. Also learned that a recent report referenced in the AWWA Journal is one of the first to aggregate data against preferable KPIs to provide some general benchmarking standards (Sarah will forward the report)
  - Elected officials interested in watershed protection fee.
  - Risk and Resiliency planning submitting in the next few weeks.
- Morrisville
  - No updates
- Durham- Vicki and Syd
  - Will start a 6-week disinfection/flushing cycle on 2/28
  - Several facilities are under construction, but close to the end on the Brown water treatment plant. Williams plant was taken off-line for repairs, and is back online as of this morning.
- Hillsborough - Marie
  - Reservoir is full, next week will remove voluntary restrictions
  - Received 8 bids for reservoir road improvements, including some under anticipated budget. Needed extension from USACE to raise reservoir 10 feet.
  - Hazen did updates to water model and they do need a new booster pump station at the location previously identified.
  - Had questions for the group:
    - Who uses a rate model to set rates? Excel-based?
      - Group – yes, Excel-based. Consultants have established these for other groups in the past.
      - Will do RFQ on new tool to set rates.
    - Tap fees, meter size or tap size?
      - Group – meter
      - Require meters on fire lines? No.
      - Utilize 'readiness' fee (fire, etc.)? Yes, Raleigh
- OWSA- Ruth and Simon
  - Board held special meeting for long range supply plan review; 9 alternatives for supply were discussed, and will discuss demand further in May.
  - CIP – Water treatment plant is back at full capacity, raw water sources at full capacity, with very low demand
  - New pumps coming online in April/May
- Pittsboro
  - Lots of staff turnover
  - Pilot study to address emerging contaminants coming down the river
  - Trying to get new water tower online
- Apex
  - Micheal Deaton- New Water Resources manager
  - Kicking off risk and resiliency assessment (Merrick)
  - No CIP projects to note
- Chris Sandt

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	<ul style="list-style-type: none"><li>○ Lake Orange is about 10 inches over spillway; Eno at 3,000 cfs</li><li>○ 5-year CIP for Lake Orange going out for bid this fiscal year</li></ul>
<b>11:50 — 12:00</b>	Meeting wrap up <ul style="list-style-type: none"><li>▪ Speaker at April meeting</li><li>▪ Next steps, action items</li><li>▪ Adjourn</li></ul>

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