

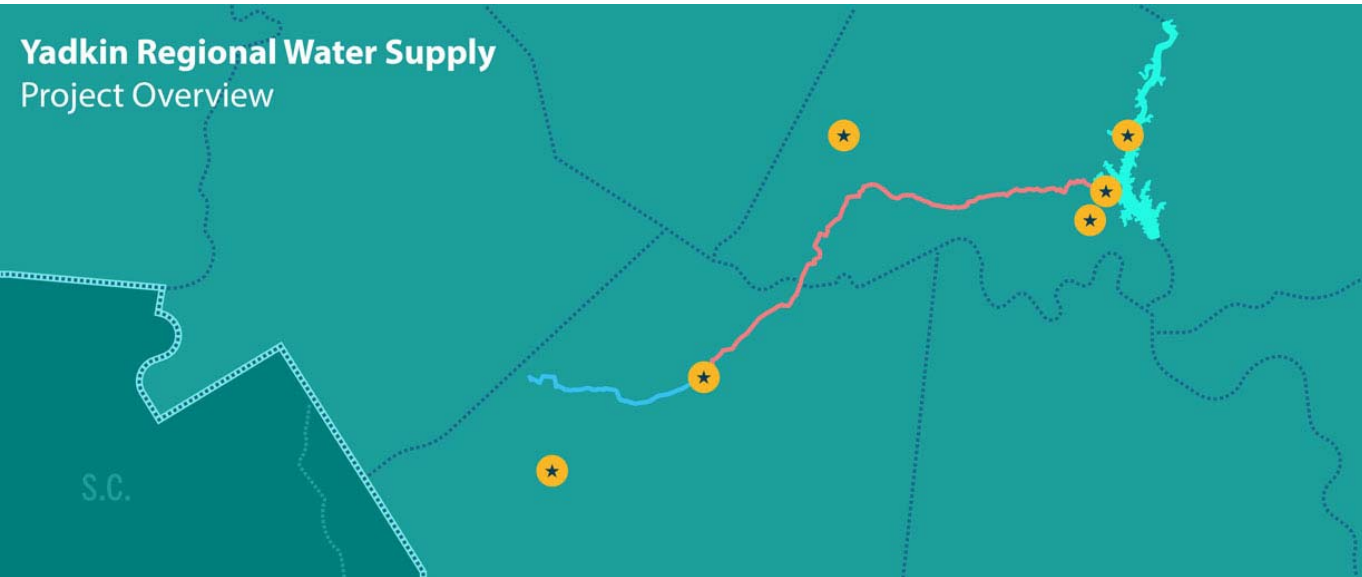


2017 IBT Certificate Overview

Board Update

November 13, 2019

Yadkin Regional Water Supply Project Overview





Purpose

- Inform Board of County Commissioners about the Inter-Basin Transfer (IBT) application process
- Conditions governing 2017 Yadkin IBT Certificate
- Provide forum for discussion about future potential IBT challenges and opportunities

NOTE: Additional background material is provided under Tab 8. Item A is the IBT Certificate.

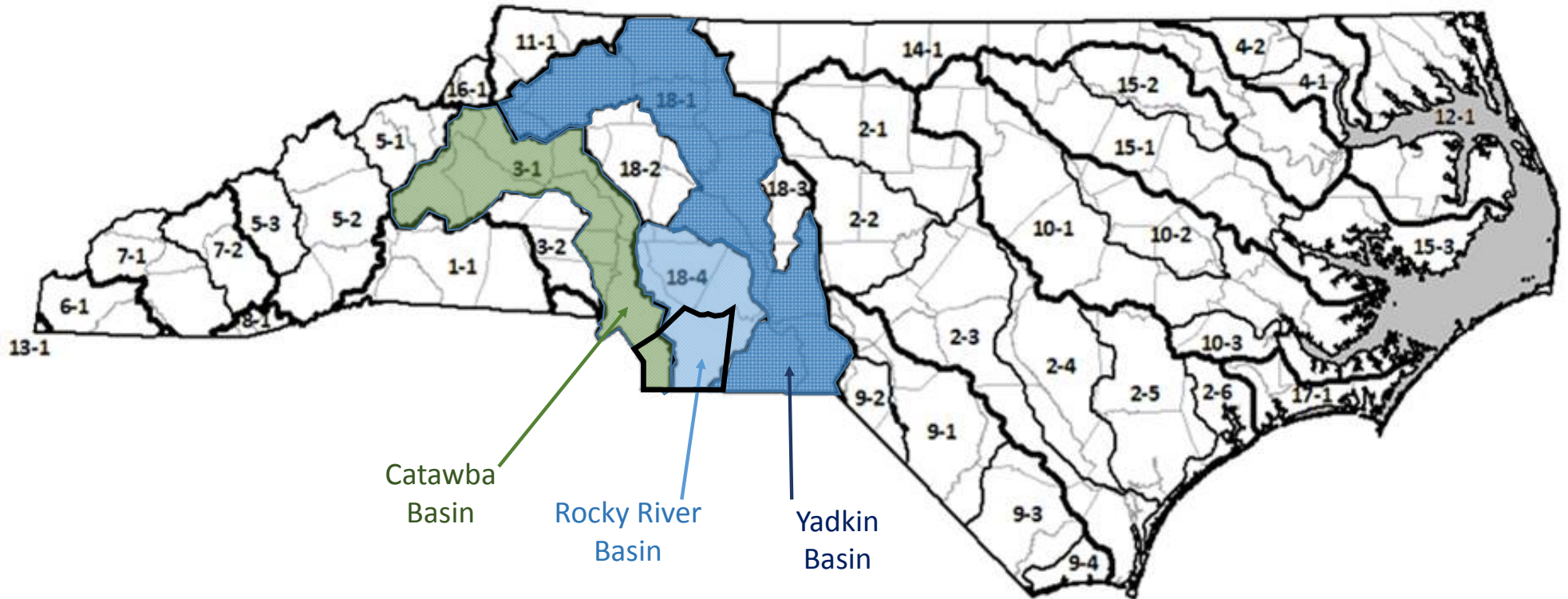


G.S. 143-215.22L

- An IBT Certificate is Required for:
 - **The transfer of at least 2 MGD of surface water from one river basin to another (max month daily average).**
 - Increase an existing transfer by 25% or more above the average daily flow (ADF) transferred from June 30, 1992 - 1 July 1993 (if total and increase > 2 MGD).
 - Increase an existing transfer above the amount approved by the Commission in a certificate issued prior to 1 July 1993.
- Issued by the Environmental Management Commission (EMC)



IBT River Basins & Sub-Basins



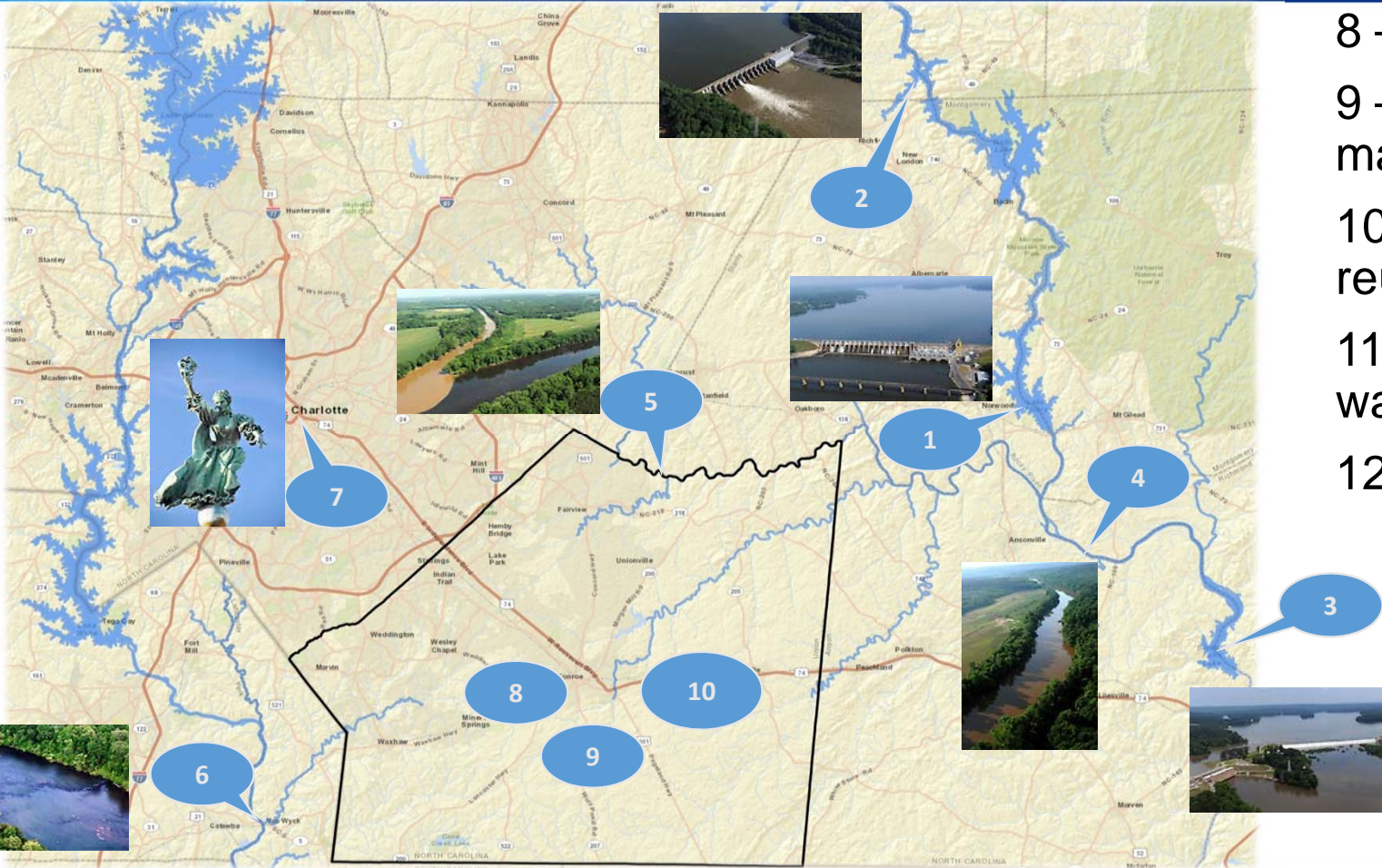


IBT Request Timeline

Date	Event
August 2013	Notice of Intent filed with EMC
August 2015	Draft EIS submitted
January 2016	Final EIS submitted
April 2016	Record of Decision on EIS signed by Secretary of DEQ
April 2016	Union and Wingate submitted petition for IBT certificate to EMC
July 2016	EMC made draft determination to grant IBT certificate
May 2017	EMC decision to grant IBT Certificate
September 2018	Lawsuits settled



12 Alternatives Evaluated



- 8 – Groundwater
- 9 – Demand management
- 10 – Direct potable reuse
- 11 – Pump back wastewater to 1
- 12 – Do nothing



Summary of Process Public Comments

- Several phases of public comments
 - IBT Petition: 21 oral comments; 87 written comment in total
- Public comment themes on IBT draft determination
 - Concern for lower water levels in Lake Tillery
 - Perceived negative impact on future growth in Yadkin Basin if water sent to support growth in Union County (Rocky River Basin)
 - Concern that public hearings and proposed transfer not properly noticed



May 11, 2017 Decision to Grant

1. The benefits of the proposed transfer outweigh the detriments of the proposed transfer;
2. The detriments have been or will be mitigated to the maximum degree practicable;
3. After taking into account all other sources of water available to the Applicants, the amount of the transfer does not exceed the amount of the projected shortfall under the Applicants' water supply plan; and
4. That there are no reasonable alternatives to the proposed transfer.



Conditions in IBT Certificate

- Required to have **most stringent** Water Conservation and Drought Management Plans in Yadkin Basin
- **Unable to sell** Yadkin water to any entity other than Wingate
- EMC **may amend certificate** if:
 - Additional water sources available
 - Water demand needs are less than projected
- Report on status quarterly to DEQ



Questions?

Lake Tillery, NC

