

Water Allocation Committee

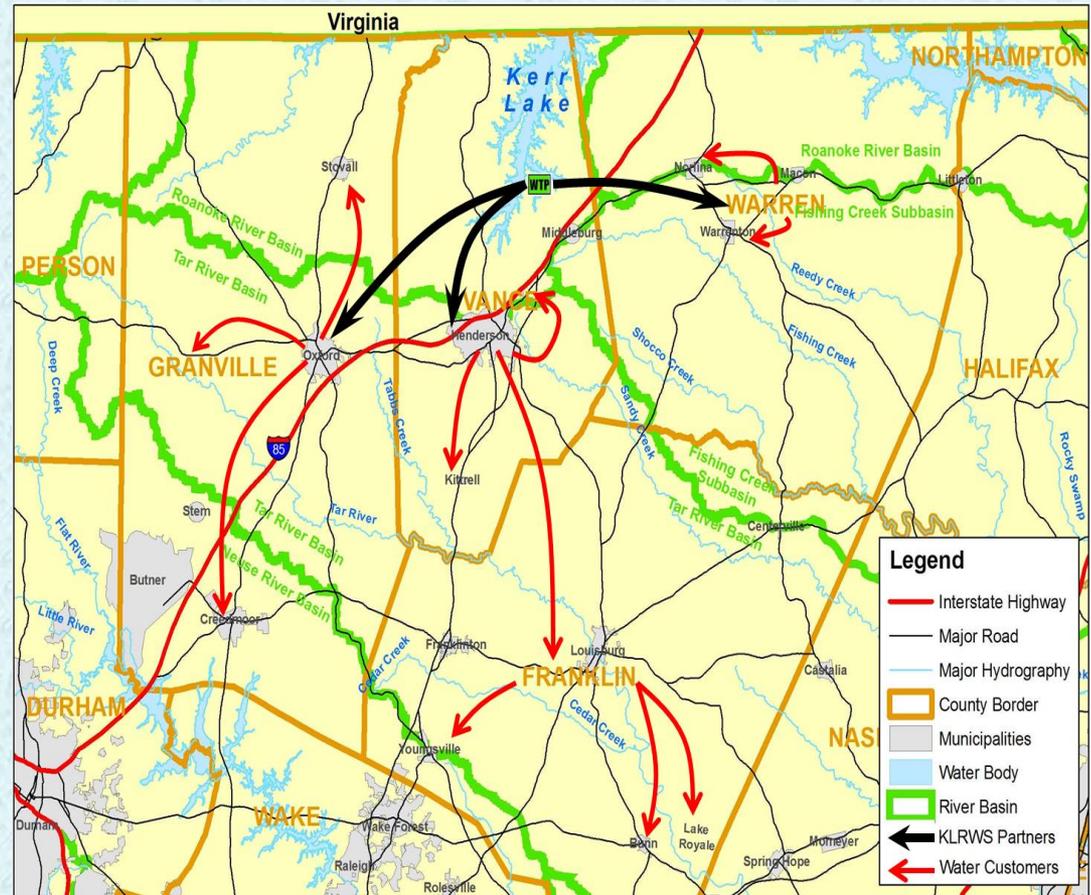
IBT Update

March 2015

- **Three** Requests Currently in Process
 - Cary/Apex/Morrisville/Wake County
 - Modification, following G.S. 143-215.22L(v)
 - Kerr Lake Regional Water System
 - New Certificate (increase of grandfathered transfer), following change to G.S. 143-215.22L(w) (from Session Law 2014-120)
 - Union County
 - New Certificate, following G.S. 143-215.22L(c-n)

Kerr Lake Regional Water System

- Primary Partners
 - City of Henderson
 - City of Oxford
 - Warren County
- City of Henderson operates WTP.
- Water sales to 15 additional communities/water users in Vance, Warren, Granville, and Franklin Counties

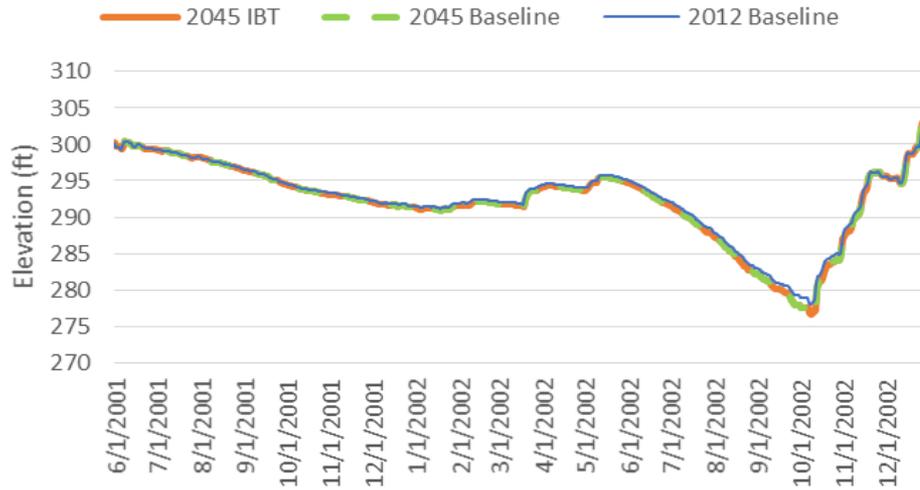


Proposed Project Description

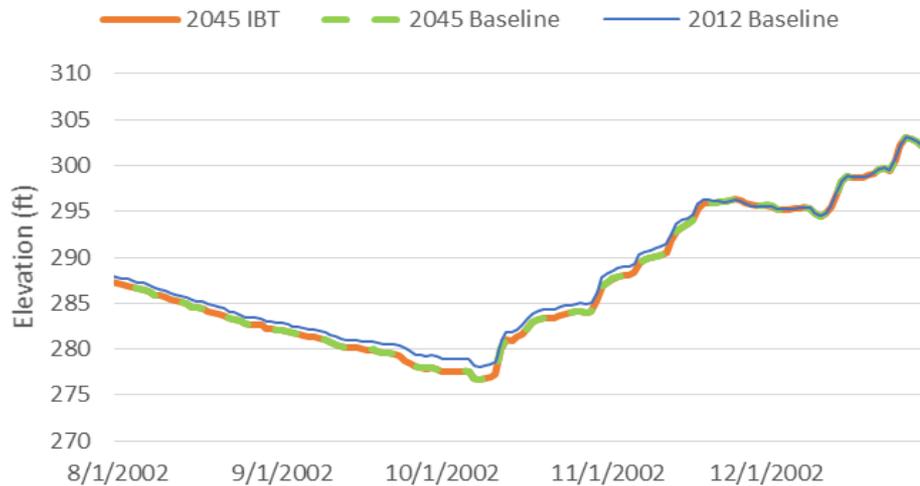
Primary Applicant:	Kerr Lake Regional Water System	
Source Basin:	Roanoke	
Receiving Basins:	Tar, Fishing Creek, Neuse	
Grandfathered Allowance:	10 MGD (max day)	
Existing IBT (2013 data):	4.64 MGD (avg day/max mth)	
	Roanoke to Tar:	3.63 MGD
	Roanoke to Fishing Creek:	0.82 MGD
	Roanoke to Neuse:	0.19 MGD
Total Requested IBT (<u>2045 Demands</u>):	14.2 MGD (avg day/max mth)	
	Roanoke to Tar:	10.7 MGD
	Roanoke to Fishing Creek:	1.7 MGD
	Roanoke to Neuse:	1.8 MGD

Summary of Modeling Scenarios

Kerr Lake - 2002 Drought Elevation

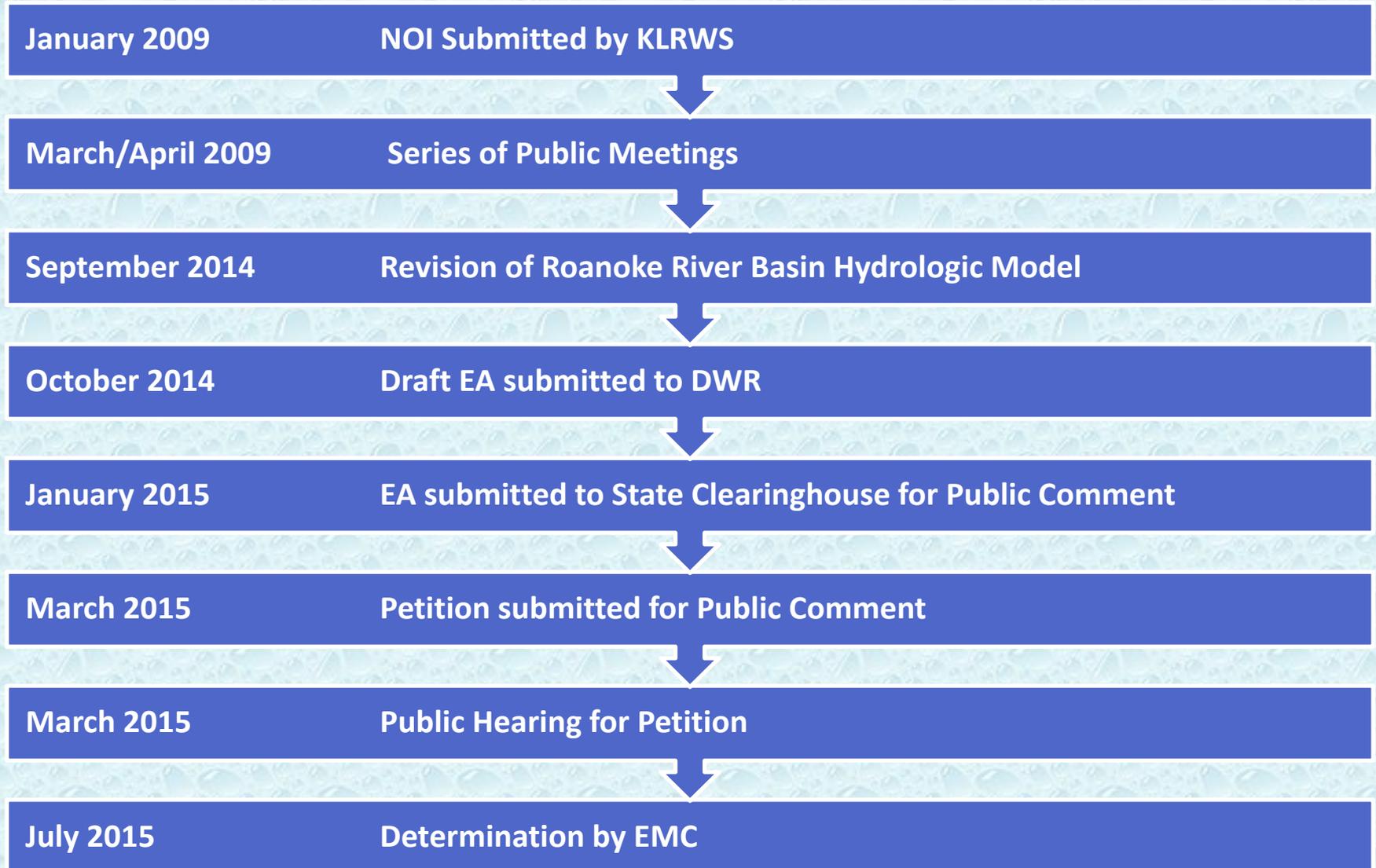


Kerr Lake - 2002 Drought Elevation



- Reduction of initial projected demands and IBT
- USACE Allocation of 20 mgd not projected to be exceeded by 2060
- Modeled results show no impact of transfer
 - ✓ Lake levels during extreme drought
 - ✓ Low flow duration
 - ✓ Hydropower

Project Timeline



Public Hearing

- Required Hearing
 - March 31 @ 6:30: City of Henderson – City Hall
- Hearing Officer: Ms. Dianne Reid
- Public Comment Period for Hearing:
 - March 31 – April 30
- <http://www.ncwater.org/?page=297>

IBT Process § 143-215.22L.(w)

Requirements for Coastal Counties and Reservoirs Constructed by the United States Army Corps of Engineers

I. Applicant submits Notice of Intent to file a petition.

II. Applicant prepares environmental document (EA) pursuant to State Environmental Policy Act (SEPA).

NCDENR submits document to State Clearinghouse for public comment (30-day period)

Adequacy Determination

III. NCDENR publishes a Petition in the NC Register.



Public hearing for
Petition request

Comments
accepted for 30
days following
hearing

NCDENR prepares
written response to
comments (i.e.,
hearing officers
report)

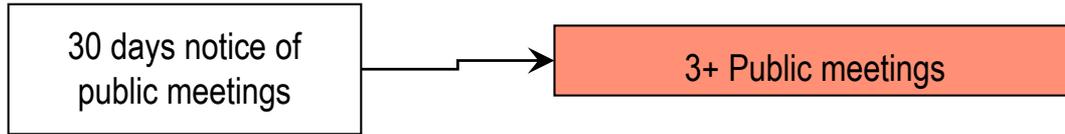
**EMC ISSUES
FINAL
DETERMINATION**

Proposed Project Description

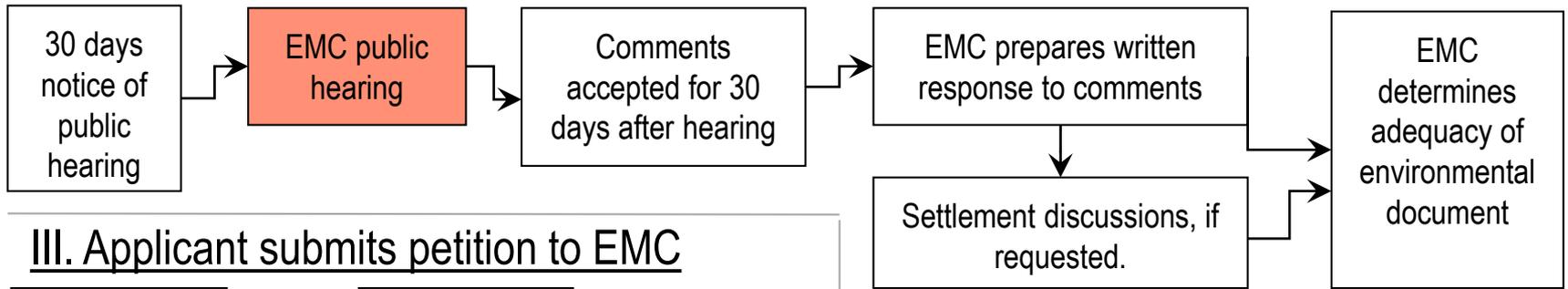
Primary Applicant:	Union County
Source Basin:	Yadkin
Receiving Basins:	Rocky
Grandfathered Allowance:	N/A
Total Requested IBT (2050 Demands):	28 MGD (max day)

IBT Process § 143-215.22L

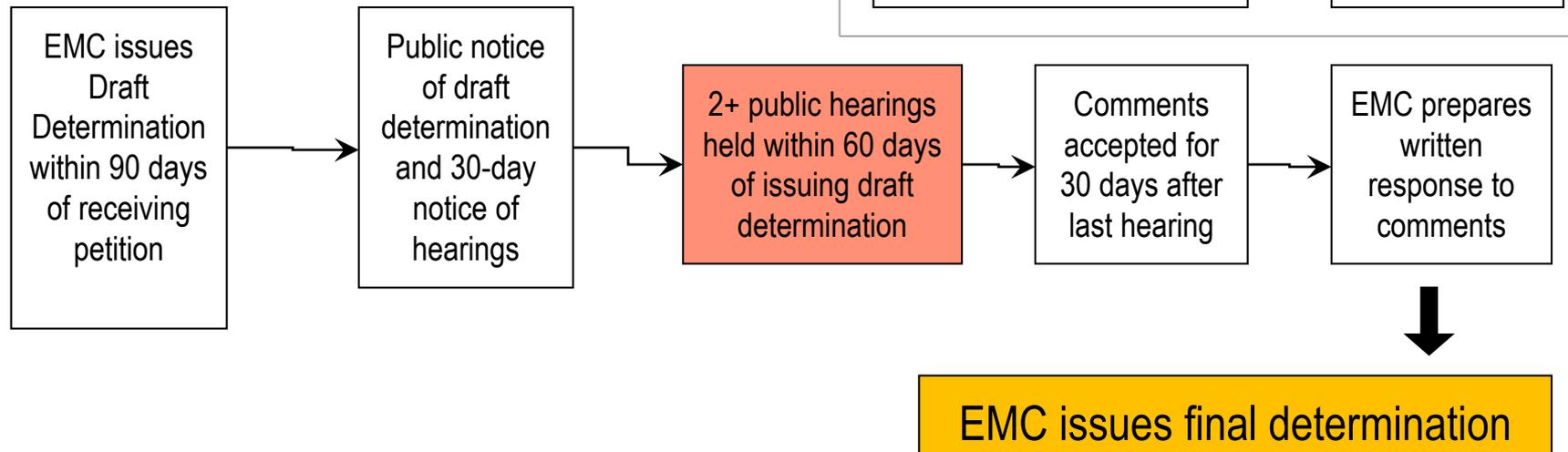
I. Applicant submits Notice of Intent to file a petition.



II. Applicant submits draft environmental document (EIS or EA)



III. Applicant submits petition to EMC



Contact Information

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