

# Water Allocation Committee

## IBT Update

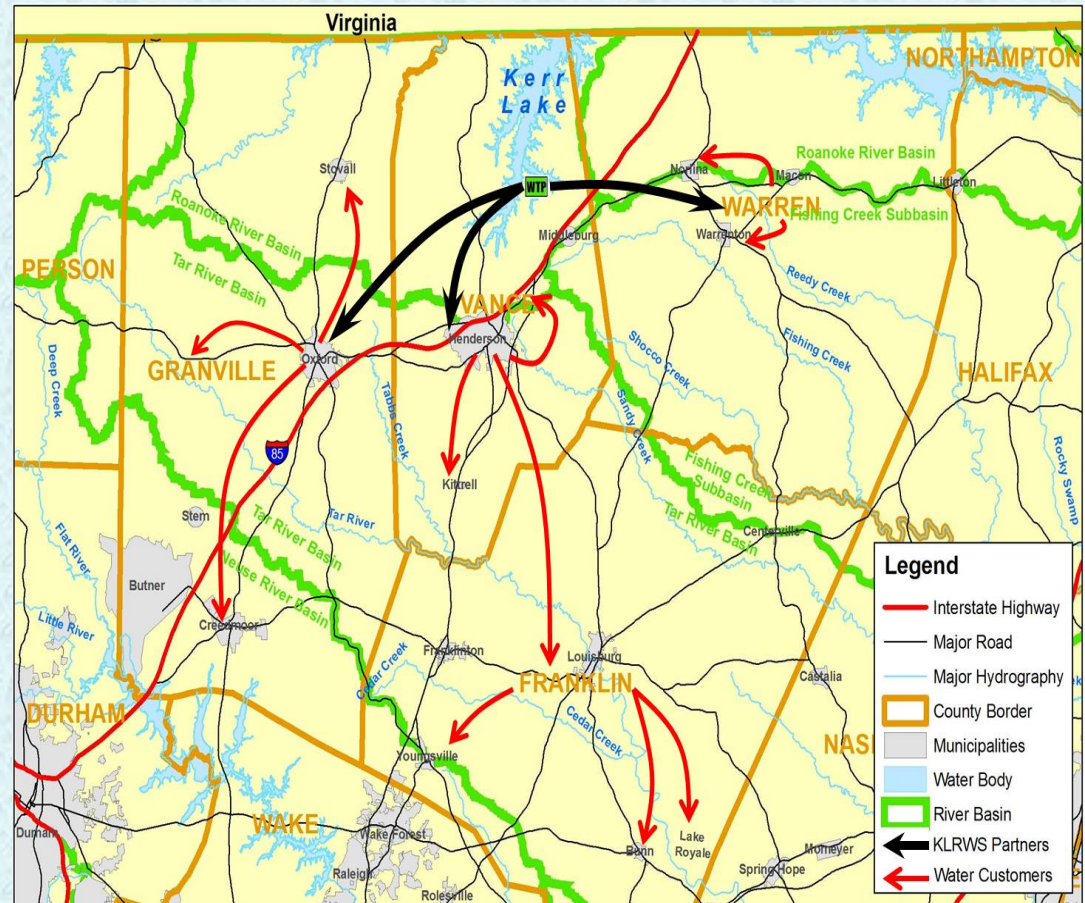
### May 2015

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- **Two** Requests Currently in Process
  - 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 12 additional communities/water users in Vance, Warren, Granville, and Franklin Counties



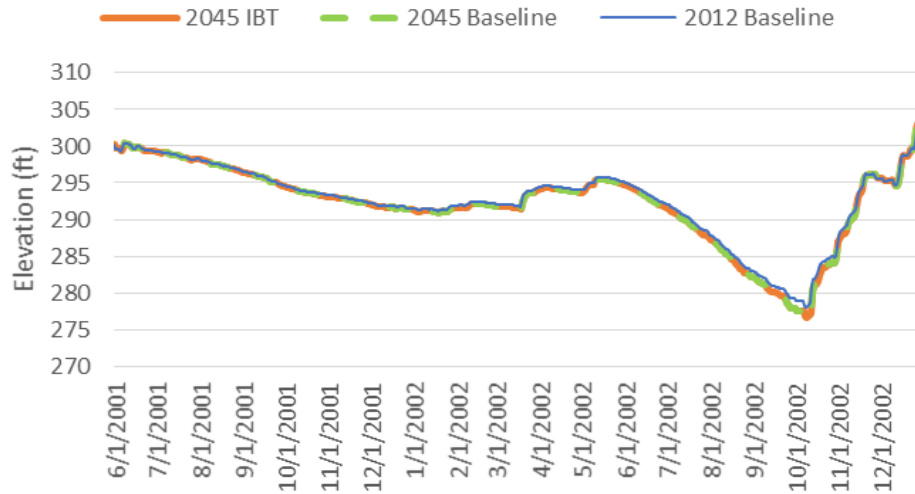
# Proposed Project Description

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

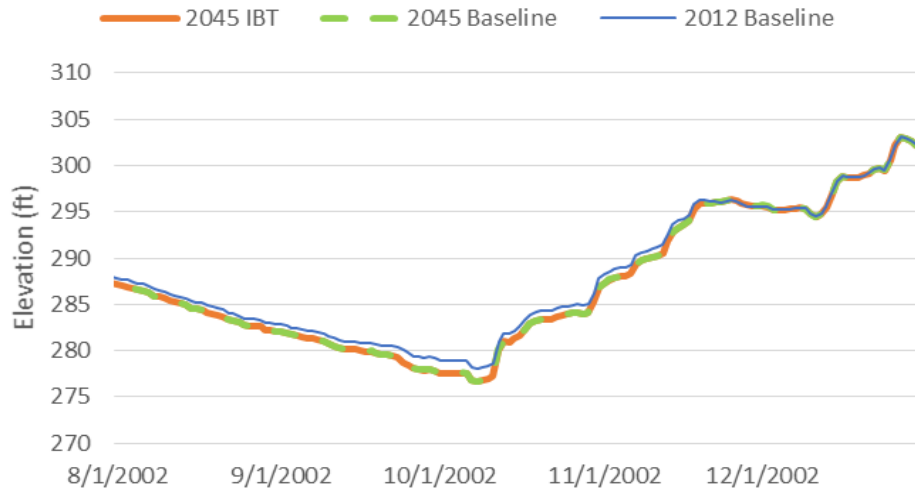


# Summary of Modeling Scenarios

Kerr Lake - 2002 Drought Elevation

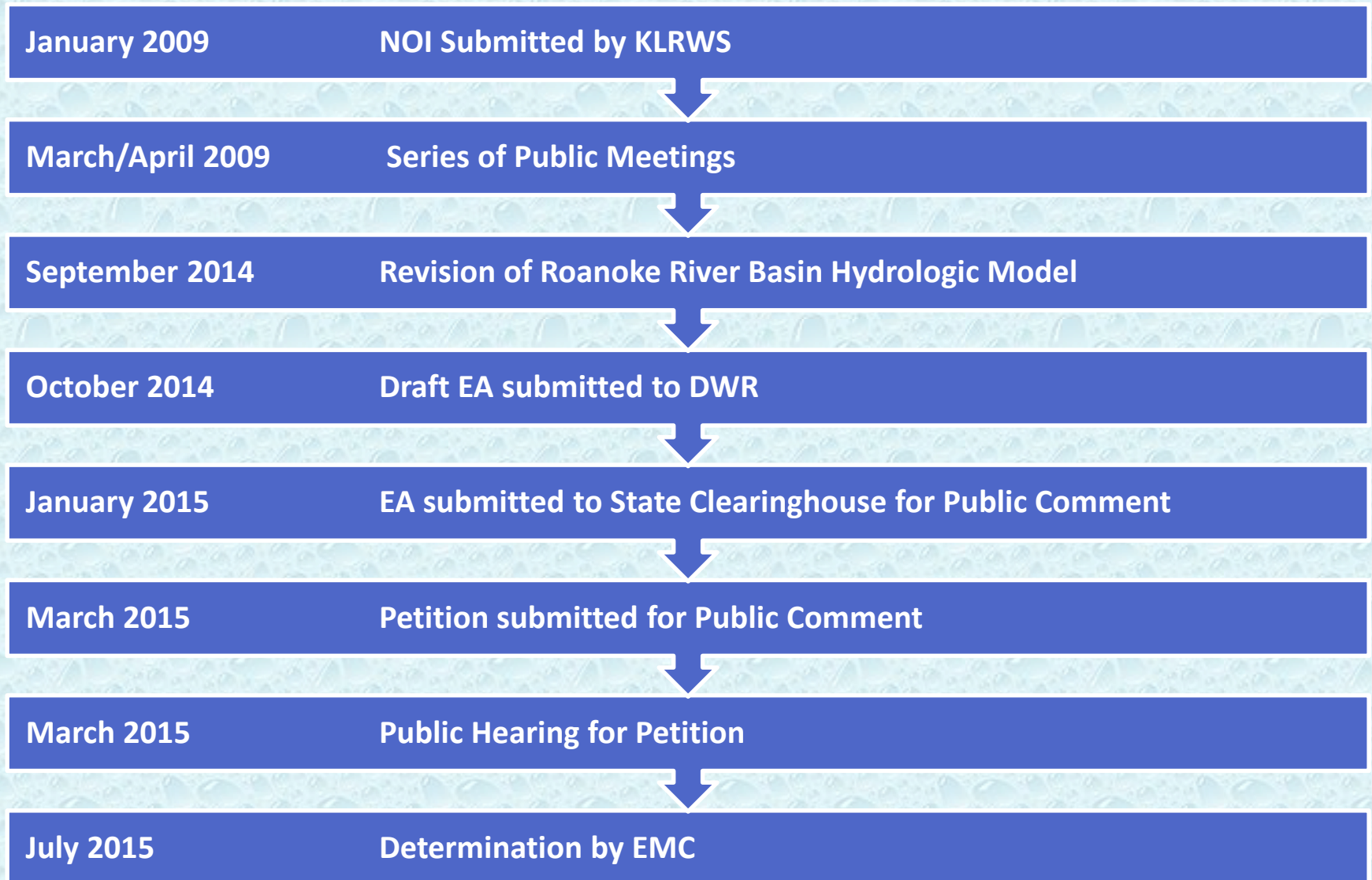


Kerr Lake - 2002 Drought Elevation



- 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. Jessica Godreau
- Public Comment Period for Hearing:
  - March 31 – April 30
- <http://www.ncwater.org/?page=294>

# 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 officer's  
report)

**EMC ISSUES  
FINAL  
DETERMINATION**

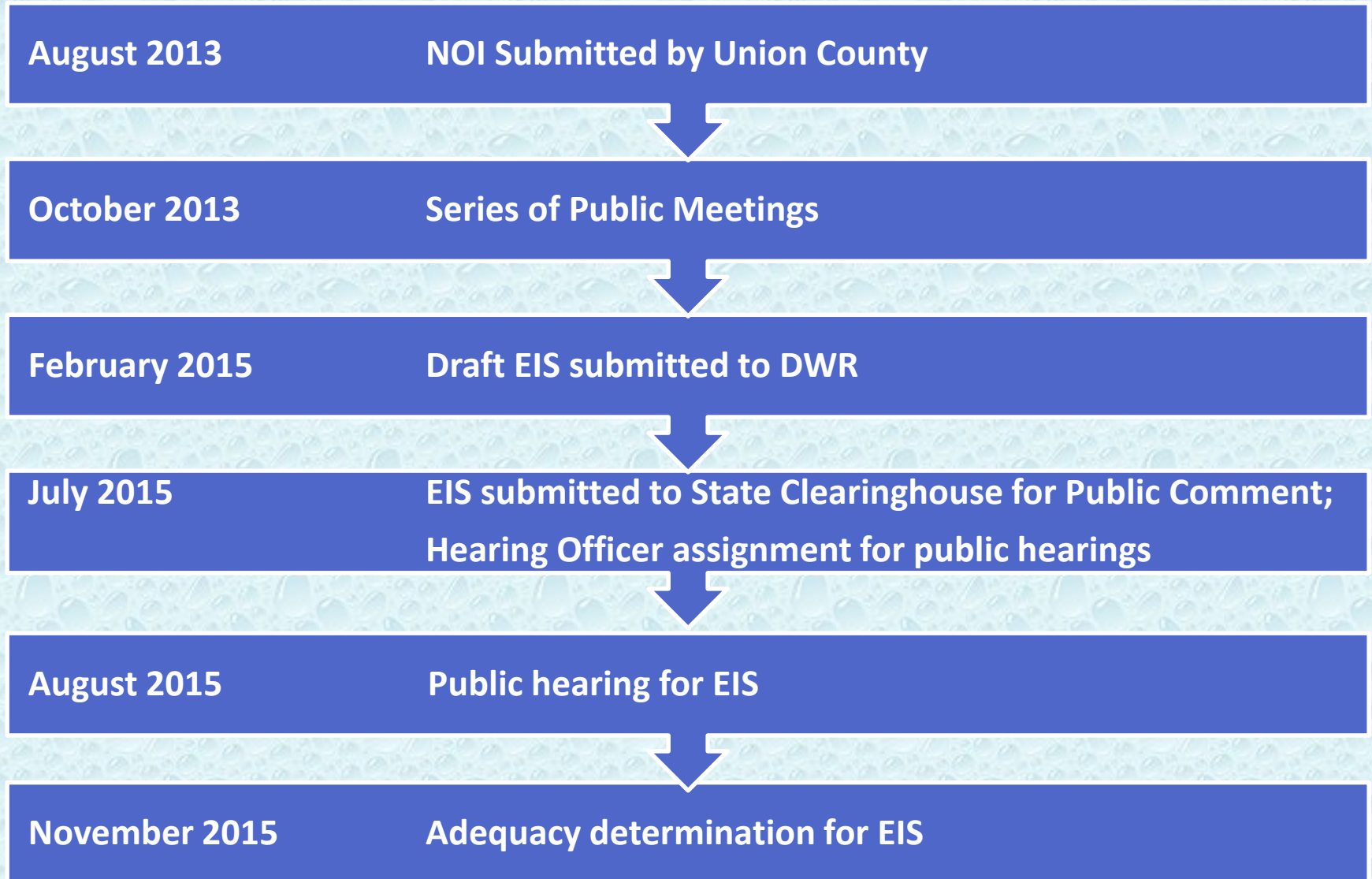


# Proposed Project Description

Primary Applicant:	Union County
Source Basin:	Yadkin
Receiving Basins:	Rocky
Grandfathered Allowance:	N/A
Total Requested IBT (2050 Demands):	<b>23 MGD</b> (avg day/max mth)

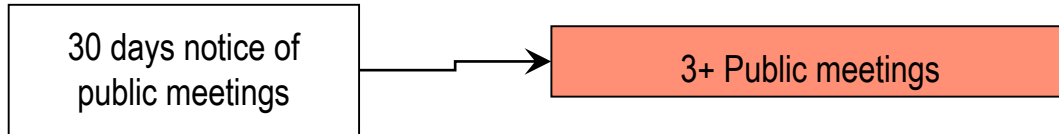


# Project Timeline

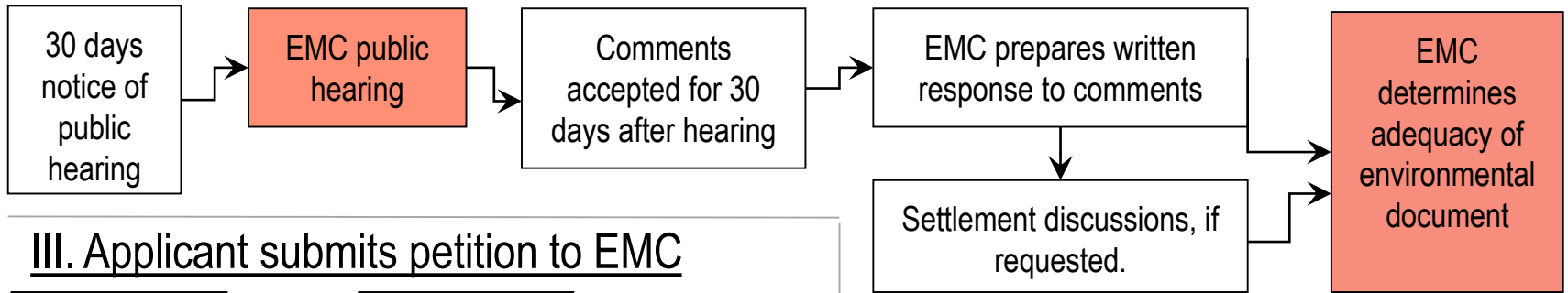


# IBT Process § 143-215.22L

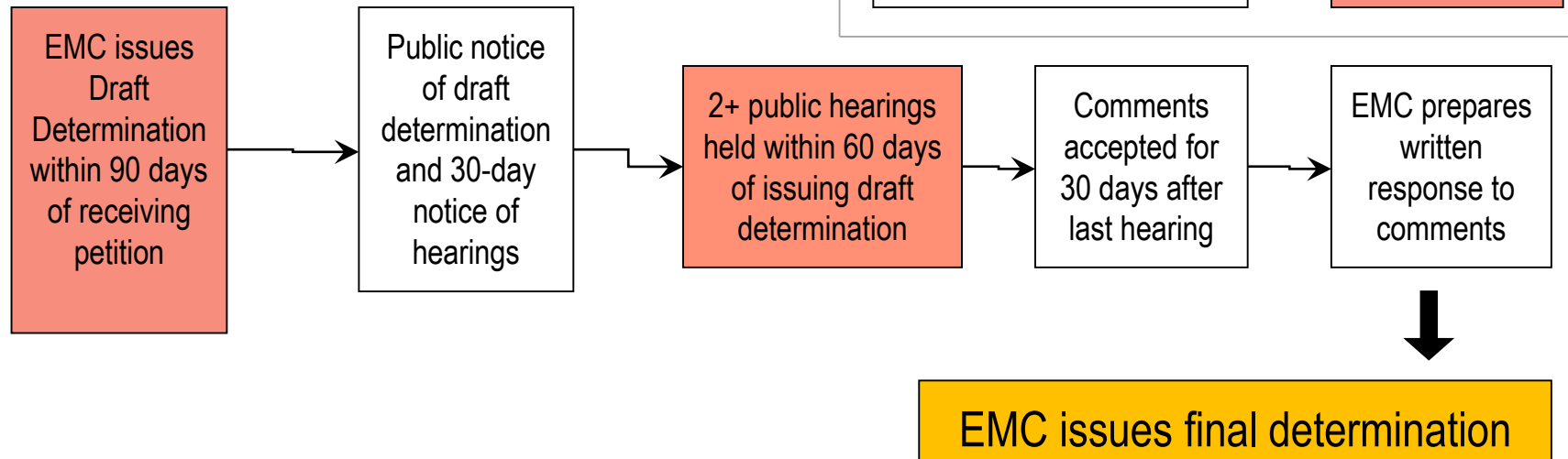
## I. Applicant submits Notice of Intent to file a petition.



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



## III. Applicant submits petition to EMC



# Contact Information

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