



# *Round 4: Jordan Lake Water Supply Allocation Recommendations*

March 8, 2017

*Department of Environmental Quality  
Division of Water Resources*



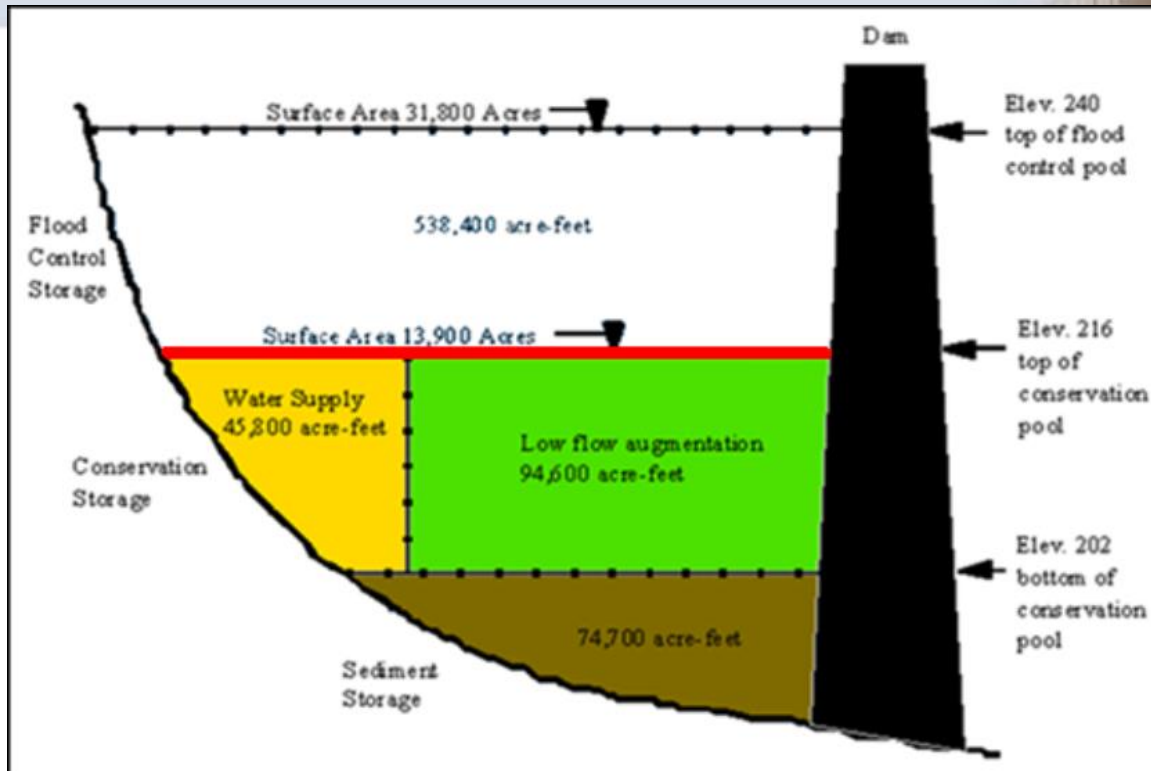
# Purpose



## Request the EMC's approval of the “Round 4: Jordan Lake Water Supply Allocation Recommendations”

- **G.S. § 143-354(a)(11)**
  - gives EMC authority to allocate Jordan Lake water supply storage to units of local government
- **15A NCAC 02G .0501**
  - allocations based on need with proportional payment to the State based on allocation amount
- **15A NCAC 02G .0504**
  - allocations based need over 30 years and “the design capacity of the associated withdrawal and treatment facilities”
- **15A NCAC 02G .0504**
  - Diversions off the Jordan Lake watershed limited to 50% of yield
  - For diversions that would require approval of a surface water transfer the transfer review will be coordinated with the allocation request
- **15A NCAC 02G.0505**
  - Capital and interest costs to be reimbursed to the State by 2012

# Jordan Lake Storage Accounts



- Allocating water from the 1/3 of the conservation pool represented in yellow
- 2/3 of storage in the conservation pool is dedicated to supplementing flows downstream
- Storage accounts are managed separately

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# Round 4 Jordan Lake Allocation Recommendations



<b>Round 4 Jordan Lake Water Supply Pool Allocation Recommendations</b>			
<b>Applicant</b>	<b>Current Allocation Percent</b>	<b>Requested Allocation Percent</b>	<b>DWR Recommended Allocation Percent December 2016</b>
Cary,Apex,Morrisville,Wake Co.-RTP	39	46.2	46.2
Chatham Co.-North*	6	13	13
Durham*	10	16.5	16.5
Fayetteville PWC	0	10	0
Hillsborough	0	1	1
Holly Springs	2	2	2
Orange County	1	1.5	1.5
Orange WASA*	5	5	5
Pittsboro*	0	6	6
Raleigh	0	4.7	4.7
<b>Total Percentage</b>	<b>63</b>	<b>105.9</b>	<b>95.9</b>
*Western Intake Partners			

- All applicants expressed commitment to reimburse the State
- Estimated 44.2 % diversion off the Jordan Lake Watershed
- Recommended allocations and proposals for use by applicants are not expected to require additional surface water transfer approvals

*Department of Environmental Quality*



# Request to WAC

- The Division of Water Resources requests the Water Allocation Committee to advance the Round 4 Jordan Lake Water Allocation Recommendations to the full EMC for consideration on March 9, 2017.

DWR's Jordan Lake Water Supply Allocation Recommendations		
Applicant	Current	Recommended
	Allocation Percent**	Allocation Percent**
Cary,Apex,Morrisville,Wake Co.-RTP	39	46.2
Chatham Co.-North*	6	13
Durham*	10	16.5
Hillsborough	0	1
Holly Springs	2	2
Orange County	1	1.5
Orange WASA*	5	5
Pittsboro*	0	6
Raleigh	0	4.7
Fayetteville PWC	0	0
<b>Total Percentage</b>	<b>63</b>	<b>95.9</b>
*Western Intake Partners		
** Allocations amounts are defined as a percentage of the storage		