

Opposition to Proposed Reservoir by Catawba River Water Supply Project

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Outline

- Applicant's Justification
- Comments submitted by Catawba Riverkeeper Foundation, Inc. and American Rivers
- Preferable Alternatives to ≈ \$50 Million project
- Public Input Opportunities



CRWSP's Justification & Alternatives

- 108 million gallon reservoir
(4.5 days at normal usage
and many more under
drought conditions)
- + 25 day supply of water
suggestion in current IBT
certificate (re-issuance
upcoming)
- = Need for new \$50 million,
900 million gallon
reservoir for rare drought
periods



CRWSP's Alternatives Analysis

- Interconnections
 - 8.6 to 11.1 MGD available currently
- Existing Reservoirs
 - Fishing Creek Reservoir too dirty for current facility treatment
 - Lake Wylie too far
- Storage and Recovery
 - Piedmont region insufficient storage capacity
- Offsite Reservoirs
 - Too small, not studied
- Onsite Reservoirs
 - Too small

Comments Submitted to USACE

- Requested full assessment of alternatives in an Environmental Impact Statement
- Requested Public Hearing for input opportunities



Comments Submitted to USACE

- Least Damaging Practicable Alternative
 - Water Efficiency and Conservation
 - Effective management
 - Pricing for conservation
 - Efficient water use
 - Watershed protection



Comments Submitted to USACE

- Increase drought resilience through Emergency Municipal Interconnections
- Compensatory mitigation for proposed project remains inadequate



Recommendations

- Efficiency and Conservation
- Existing Supply for Drought Resilience – 18 MGD needed
 - 108 MGD Reservoir
- Additional Increases to Emergency Water Supply Connections
 - 8.6 to 11.1 MGD
 - Interconnections currently
 - Rock Hill (~\$6 million)
 - Fort Mill (24" water main with Rock Hill & moving towards run of River supply)
 - Anson County, NC
 - Charlotte-Mecklenburg Utilities
 - Emergency increases could yield balance of need



Recommend Alternatives “Re-analysis”

- CRWSP suggested project will cost \$25 million in submitted documents
- CRWSP has recently mentioned \$50 million as project costs



Analyze previous, proposed and other alternatives with true project costs

SC v. NC, No. 138, Orig. – Agreement

- 1st req. conservation during drought periods
- 3rd req. coordinate IBT Certifications
 - **Notice of applications**
 - **Prepare Env. Impact Statement**
 - **Written findings of fact, especially assessing the effects of IBT during drought LIP Stages 0-4**
 - **Applicant has burden of proving justification**



SC v. NC, No. 138, Orig. – Agreement

- 4th req. drought response plans for withdrawers in Project reservoirs applicable to water intakes
- 5th req. develop MOA to coordinate bi-state water providers, such as CRWSP



C-W BiState Adv. Commission

- Thank you for the continued leadership with interstate water conflict resolution
- CRWSP project presents a great opportunity to test SC v. NC settlement agreement



Thank You

