Opposition to Proposed Reservoir by Catawba River Water Supply Project

C. David Merryman Catawba Riverkeeper



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

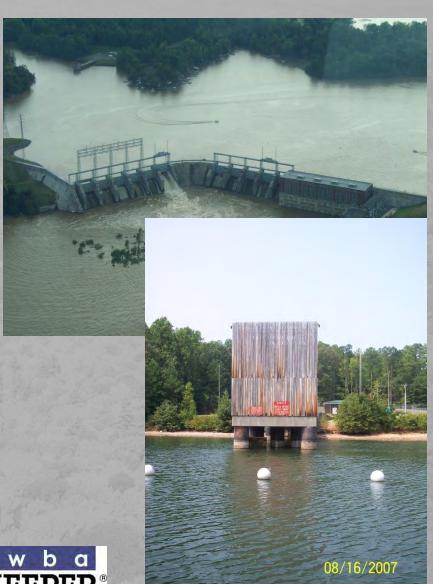
Compensatory
 mitigation for proposed
 project remains
 inadequate





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

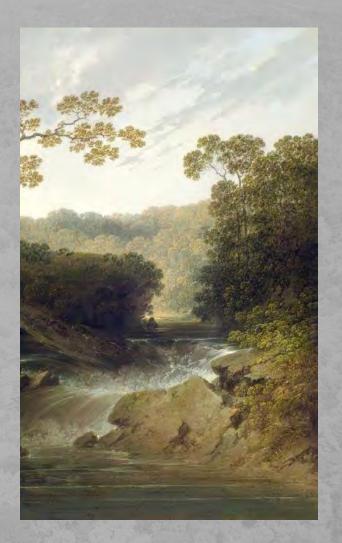


 CRWSP has recently mentioned \$50 million as project costs Analyze <u>previous</u>, <u>proposed</u> and <u>other</u> <u>alternatives</u> with true project costs



SC v. NC, No. 138, Orig. – Agreement

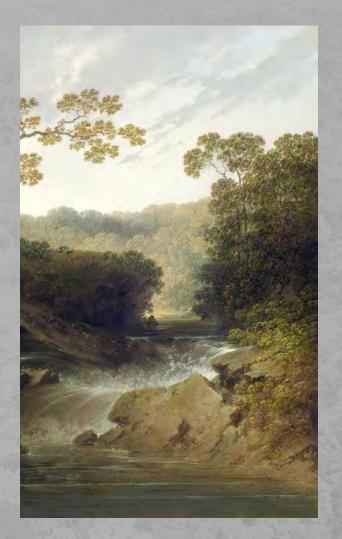
- 1st req. conservation during drought periods
- 3rd req. coordinate IBT
 Certifications
 - Notice of applications
 - Prepare Env. Impact Statement
 - Written findings of fact, especially assessing the effects of IBT during drought LIP Stages 0-4
 - Applicant has burden of proving justification





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



