

Brunswick County Public Utilities

Request to Hold Public Hearing on Petition for
Interbasin Transfer Certificate

LeToya Ogallo

Division of Water Resources

July 10, 2013

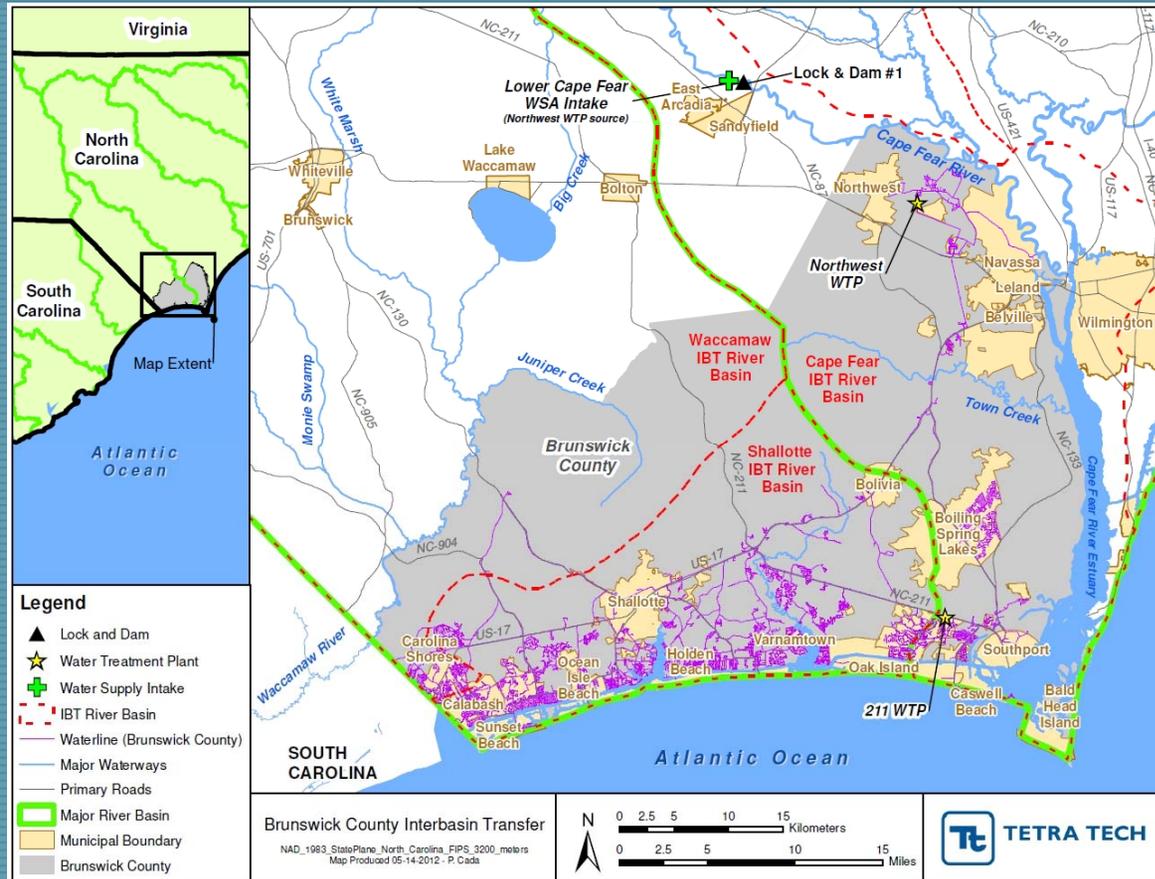
Brunswick County

Service Area

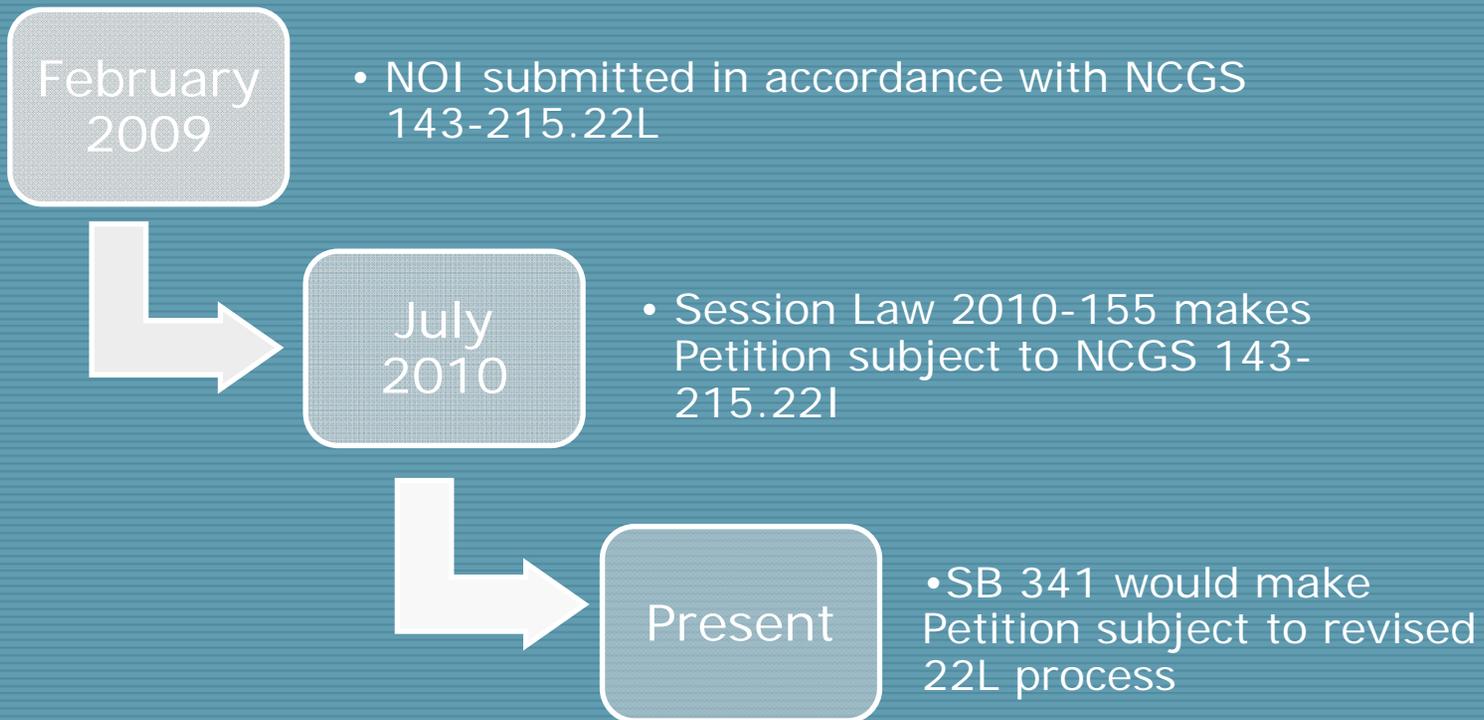
IBT Request

⇒ 18.3 MGD from Cape Fear to Shallotte

⇒ No increase in transfer to Waccamaw



Brunswick County IBT Timeline



Brunswick County IBT

Environmental Assessment

NCGS 143-215.22I (f1)	NCGS 143-215.22L (d)
<p>“An environmental assessment as defined by G.S. 113A-9(1) shall be prepared for any petition for a certificate under this section”</p>	<p>An environmental impact statement prepared pursuant to this subsection shall include all of the following: (1) analysis of impacts, (2) evaluation of alternatives, (3) description of mitigation measures</p>

Brunswick County IBT

Environmental Assessment

The preferred alternative identified by the EA is for the County to use a combination of water sources to limit IBT:

- ❑ Expansion of Northwest WTP
 - ❑ Conservation and reuse
 - ❑ Purchase agreement for Waccamaw basin customers
 - ❑ Study of aquifer storage and recovery technical viability
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Brunswick County IBT

Environmental Assessment

Evaluation of Direct Impacts:

The County evaluated direct impacts of their increased withdrawal with DWR's hydrologic model and DWQ's water quality model of the Lower Cape Fear River Estuary.

Mitigation of SCI

- ❑ CAMA Land Use Plan and Areas of Environmental Concern,
 - ❑ 20 Coastal Counties Stormwater Law,
 - ❑ NPDES Phase II Stormwater Rules.
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Brunswick County IBT Petition

An applicant for a certificate shall petition the Commission for the certificate. The petition shall be in writing and shall include the following:

NCGS 143-215.22I (c)	NCGS143-215.22L(g) <i>[Same requirements as .22I plus the following]</i>
<ul style="list-style-type: none"> ✓ Description of facilities used to transfer water ✓ Description of proposed uses ✓ Water conservation measures ✓ Any other information deemed necessary 	<ul style="list-style-type: none"> ✓ Discussion of water quality in the source and receiving basins. ✓ Description of water sources in the receiving basins. ✓ Existing or reasonably foreseeable water transfers and registered withdrawals in the source river basin ✓ Demonstration that the proposed transfer and other cumulative withdrawals would not reduce water quality to a degree that would impair existing uses. ✓ Present and reasonable foreseeable future water supply needs for systems in the source basin ✓ Applicants LWSP

Brunswick County IBT

DWR asks that the WAC recommend that the EMC receive public comment on Brunswick County's Petition.

Questions?

For additional information about interbasin transfer:

Contact toya.f.ogallo@ncdenr.gov

or

Visit us online at

http://www.ncwater.org/Permits_and_Registration/Interbasin_Transfer/
