

N.C. Wildlife Resources Commission Re-vegetation Work on Lake Gaston



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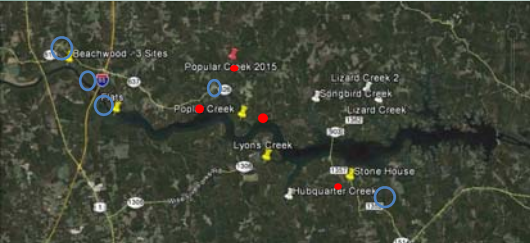
Partnership Agreement

- Just completed a 5 year project (2014 – 2018)
 - W/ help Volunteers (provided by Lake Gaston Association)
 - \$10,000 annually in materials and supplies (LGWCC)
- WRC & NCSU provide
 - Technical guidance, coord vol's, and assist with planting




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2018 Re-vegetation work (June 5-7)





- Built 10 new cages (5 sites), along w/ maintenance work on old.
- Repaired & maintained cages @ UP, LP, SH, BSH
- Planted vegetation




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Summary of Work Hours

	2015	2016	2017	2018
LGA	250	266	255	136
NCSU	174	199	202	168
NCWRC	163	220	306	132
VDGIF	16	24	16	11
			780	~450



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RESULTS Upper Poplar Creek – Site 1

2015




New Cage no planting

2016



2017



2018




White Water Lily



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Upper Poplar Creek – Site 3

2016




Hydrilla


2017



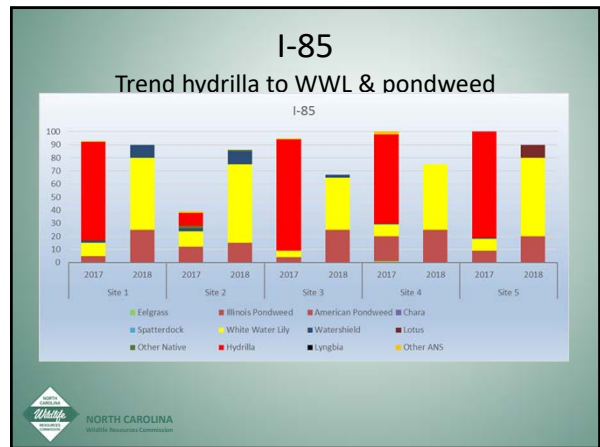
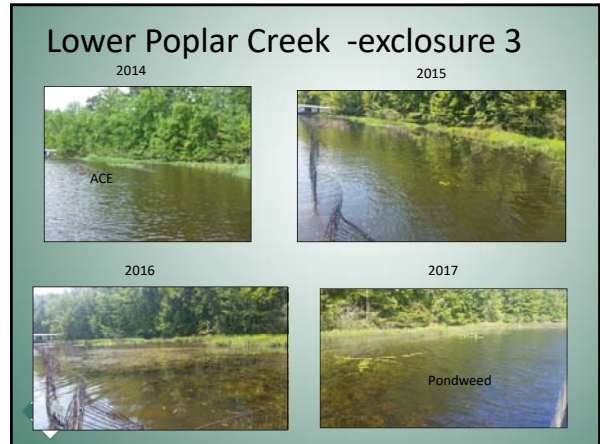
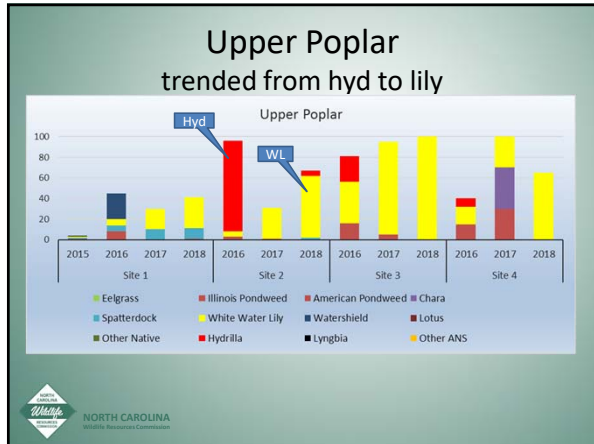
Treated - Sonar

2018





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Great Creek - Exclosure 1

2016
Hydrilla
2017
2018
Treated

Big Stone House 2018

Exclosure 3
Eelgrass!

Proposed 2019 Re-vegetation

- Spring Survey...inventory or record details of..
- **Needed maintenance at existing sites**
 - Damaged cages specifically earmarked...
- Continue to chem. treat exclosures to reduce competition with Hydrilla
- **Plant outside of cages** (Still House, Kings Bra, Poplar, Upper Flats)

Establish Founder Colonies

Shoreline
Shoreline
Shoreline

Proposed 2019 Re-vegetation

- **Expand existing sites** (Beachwood, KB, Smit)
- **New Sites** - Eelgrass in lower lake...broadcast
- Final Report 2014-2018
- Fall Survey

Funding Sources

Lake Gaston Association

Lake Gaston Weed Control Council

