

JORDAN LAKE PARTNERSHIP

SUPPLEMENTAL ARTICLE No. 5 Regional Interconnections Study, Phase 2

Pursuant to Section 5 of the *Memorandum of Understanding Supporting a Regional Water Supply Partnership for Water Supply Planning and Potential Joint Use of B. Everett Jordan Reservoir* dated March 16, 2009 (MOU), this Supplemental Article No. 5 defines the terms under which the **Regional Interconnections Study, Phase 2** will be undertaken by the Jordan Lake Partnership. The signatories to this Supplemental Article agree to reimburse the Lead Contractual Agency for actual costs incurred, according to cost shares defined below, up to the total cost shown.

Project Lead Agency: Town of Cary

Lead Contractual Agency: City of Durham

Project Scope: The project scope is described in the Jordan Lake Partnership Potable Water Interconnection Study Phase 2: Hydraulic Modeling Proposal, from Hazen and Sawyer dated March 12, 2013 (Attachment A). The project scope includes all tasks, except Task 2.3 (Analyze flow between Cary and Chatham County).

Project Cost: The total project cost without Task 2.3 is \$446,040. Attachment A defines the scope of the project in detail.

Chatham County: Should Chatham County choose to participate in the **Regional Interconnections Study, Phase 2** after this Supplemental Article No. 5 has been executed, Chatham County would sign Supplemental Article No. 5 as an Optional Participant. Task 2.3 would then be added to the project scope and the total project cost with Task 2.3 would be \$481,320. Chatham County's cost share would be \$24,560.

Project Management Team: The Project Management Team will be made up of one representative, appointed by the Manager or Executive Director, from each of the signatories.

Signatory Cost Shares: 15 percent of the total cost will be shared equally among the participating partners (base participation). The remaining 85 percent will be split according to the relative interests participating partners have in each task (task participation). Base cost and task costs differ depending on whether Chatham County participates (see Table 1). Participant signatories agree to each pay up to the larger cost share that depends upon Chatham County's participation, as defined in Table 2. The last column in Table 2 shows the largest cost share each Signatory would pay.

Table 1. Project Scope and Task Costs

Task	Description	Cost w/ Chatham	Cost w/o Chatham
1.1	Analyze Cary-Durham Interconnections	\$57,280	\$57,280
1.2	Analyze Durham-OWASA Interconnections	\$51,840	\$51,840
1.3	Analyze Flow between Cary and OWASA through Durham	\$39,360	\$39,360
1.4	Analyze Hillsborough-Durham Interconnection	\$37,840	\$37,840
1.5	Analyze Flow from Hillsborough to Orange County	\$28,960	\$28,960
2.1	Analyze Cary emergency interconnections	\$58,000	\$58,000
2.2	Analyze Apex-Holly Springs interconnection	\$35,280	\$35,280
2.3	Analyze flow between Cary and Chatham County	\$35,280	\$0
2.4	Analyze flow from Raleigh through Cary to Holly Springs and Apex	\$34,160	\$34,160
2.5	Analyze flow from Durham to Apex and Holly Springs	\$30,600	\$30,600
2.6	Analyze Cary-Durham-Raleigh interconnections in 2060	\$72,720	\$72,720
	Total	\$481,320	\$446,040

Table 2. Partner Cost Shares for Initial Execution of Supplemental Article No. 5

Partner	Cost Share w/ Chatham	Cost Share w/o Chatham	Cost Share for Sup. Art. 5
Cary	\$ 83,342	\$ 77,982	\$ 83,342
Apex	\$ 83,342	\$ 77,982	\$ 83,342
Durham	\$ 76,809	\$ 76,809	\$ 76,809
OWASA	\$ 66,087	\$ 66,087	\$ 66,087
Hillsborough	\$ 17,941	\$ 17,941	\$ 17,941
Chatham County	\$ 24,560	\$ -	\$ -
Pittsboro	\$ 7,220	\$ 7,220	\$ 7,220
Holly Springs	\$ 20,476	\$ 20,476	\$ 20,476
Raleigh	\$ 51,641	\$ 51,641	\$ 51,641
Orange County	\$ 49,901	\$ 49,901	\$ 49,901
Total	\$ 481,320	\$ 446,040	\$ 456,760

Participant:

(Signature) _____
Bruce Radford, Town Manager
Town of Apex

ATTEST: _____

Participant:

(Signature) _____
Benjamin T. Shivar, Town Manager
Town of Cary

ATTEST: _____

Participant:

(Signature) _____
Thomas J. Bonfield, City Manager
City of Durham

ATTEST: _____

Participant:

(Signature) _____
Eric Peterson, Town Manager
Town of Hillsborough

ATTEST: _____

Participant:

(Signature) _____
Carl G. Dean, Town Manager
Town of Holly Springs

ATTEST: _____

Participant:

(Signature) _____
Frank Clifton, County Manager
Orange County

ATTEST: _____

Participant:

(Signature) _____
Ed Kerwin, Executive Director
Orange Water and Sewer Authority

ATTEST: _____

Participant:

(Signature) _____
Bryan Gruesbeck, Town Manager
Town of Pittsboro

ATTEST: _____

Participant:

(Signature) _____
Russell Allen, City Manager
City of Raleigh

ATTEST: _____

Optional Participant

Signature) _____
Charlie Horne, County Manager
Chatham County

ATTEST: _____