

Neuse Hydrologic Model
Project Cost Shares
3/7/2008

Project Partners	2007 Water Use¹ (MGD)	Relative Water Use²	Cost Share Proportion³	Cost Share Amount⁴
City of Creedmoor	0.262	0.001864954	0.2%	\$ 163
City of Durham	24.26	0.172818118	17.3%	\$ 15,122
City of Goldsboro	5.6	0.039892063	4.0%	\$ 3,491
Town of Hillsborough	1.279	0.009111062	0.9%	\$ 797
Johnston County	8.40	0.059838095	6.0%	\$ 5,236
Neuse Regional WASA ⁵	8	0.056988662	5.7%	\$ 4,987
Orange-Alamance WA	0.145	0.00103292	0.1%	\$ 90
Progress Energy Carolinas	9.370	0.06674797	6.7%	\$ 5,840
City of Raleigh	50.719	0.361300994	36.1%	\$ 31,614
South Granville WASA	2.442	0.017395789	1.7%	\$ 1,522
Town of Smithfield	2.776	0.019775066	2.0%	\$ 1,730
City of Wilson	9.726	0.069283966	6.9%	\$ 6,062
Weyerhaeuser Company	17.400	0.12395034	12.4%	\$ 10,846
Total	140.379	1	100%	\$ 87,500

NC Division of Water Resources \$ **262,500**

Total Project Cost = \$ 350,000

1. Water Use is based on annual average day raw water withdrawal for calendar year 2007, as provided by each Project Partner.
2. Relative Water Use = $[2007 \text{ Water Use}]_a / \Sigma[2007 \text{ Water Use}]$
For example, Durham's relative water use = $[24.26] / [140.379]$
3. Cost Share Proportion = Relative Water Use x 100
4. Cost Share Amount = $[Cost \text{ Share Proportion}]_a \times [Total \text{ Project Cost} - NC \text{ Division of Water Resources}]$
For example, Durham's Cost Share Amount = $[17.3\%] \times [\$350,000 - \$262,500]$
5. 2007 Water Use for the Neuse Regional WASA is based on an estimate of its anticipated use during its first year of operation.