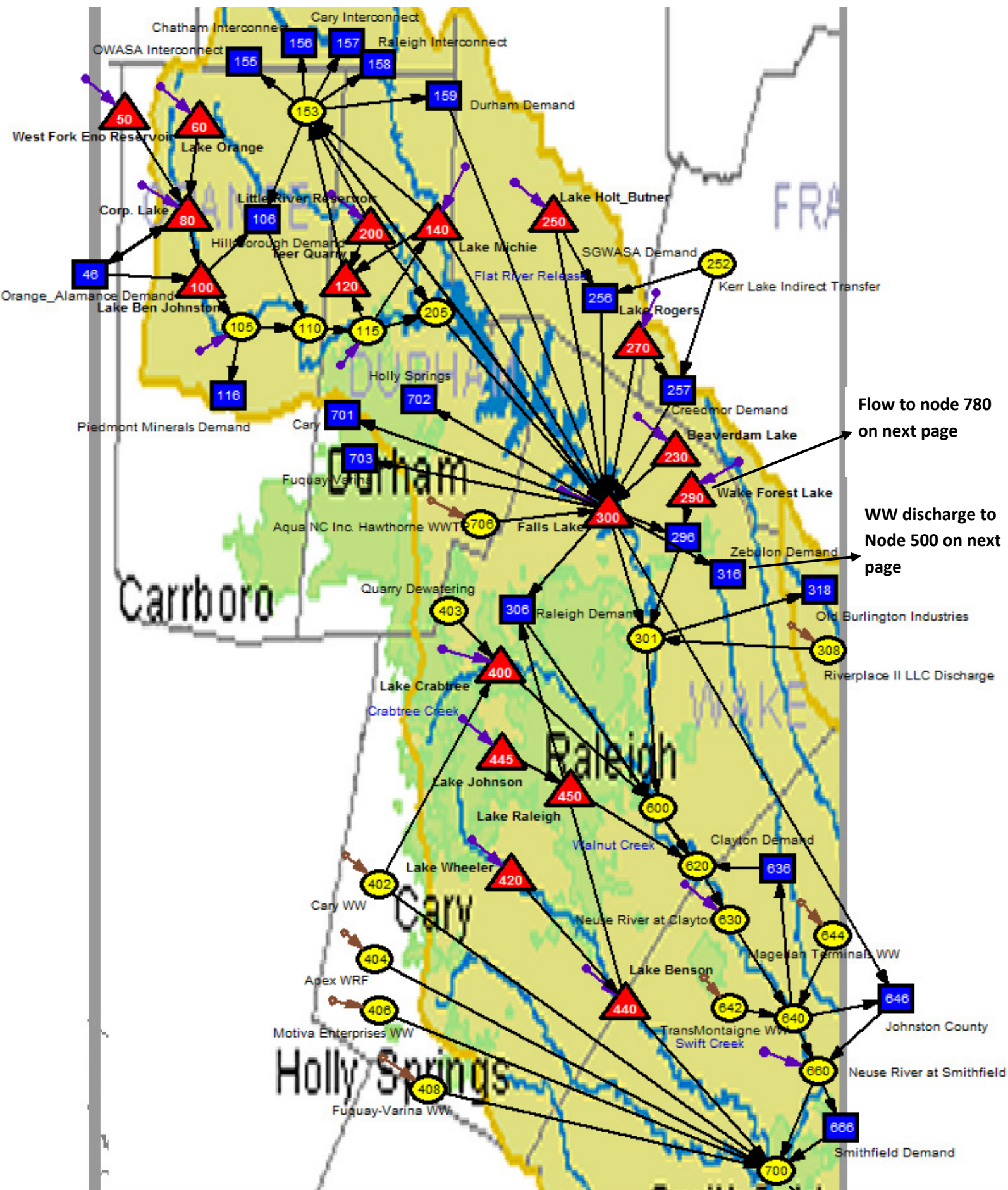


# Upper Neuse to Smithfield

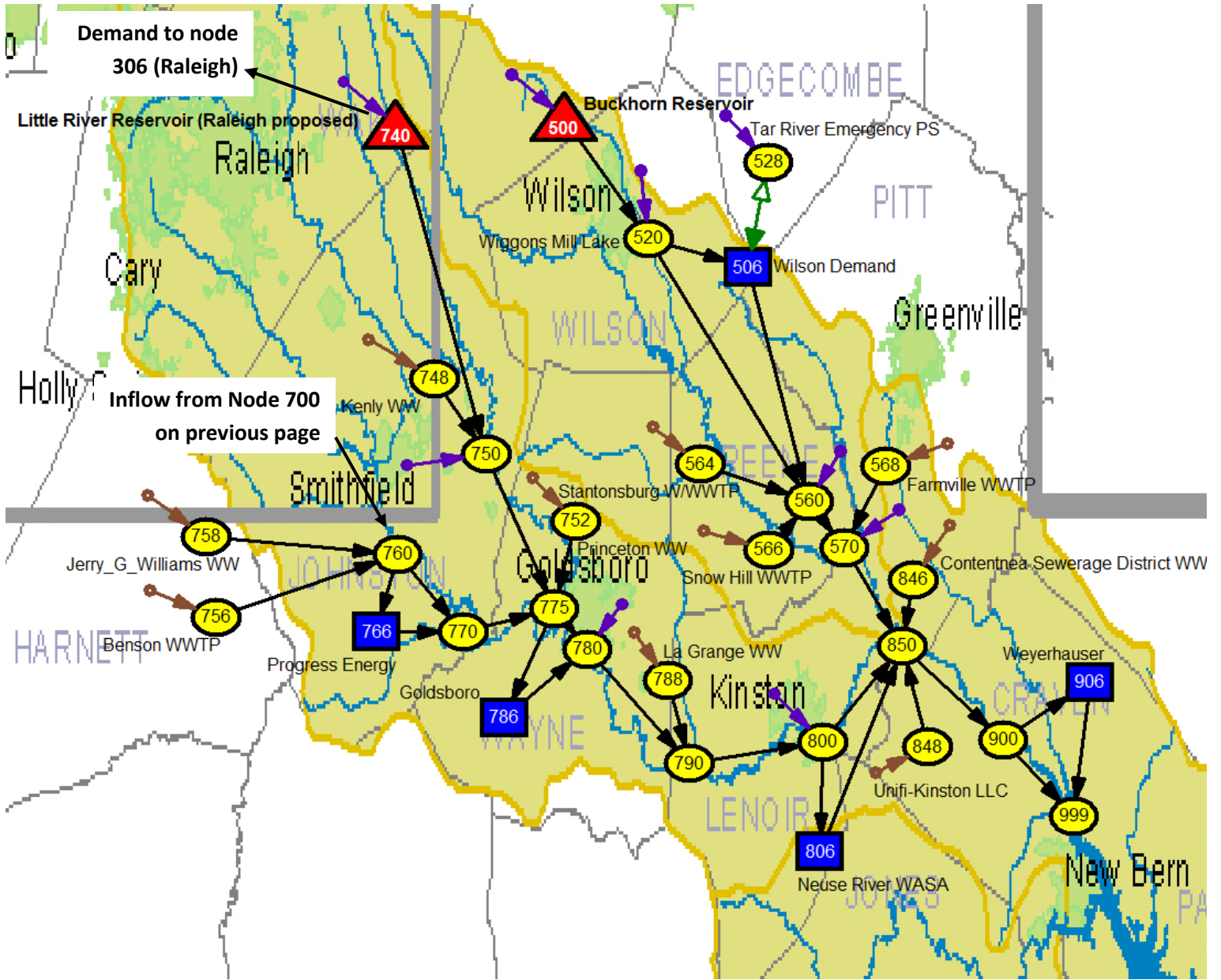


Flow to node 780 on next page

WW discharge to Node 500 on next page

Flow to Node 760 on next page

# Smithfield to New Bern



## **Model Nodes**

Node Number	Node Type	Node Name
046	Demand	Orange_Alamance Demand
050	Reservoir	West Fork Eno Reservoir
060	Reservoir	Lake Orange
080	Reservoir	Corporation Lake
100	Reservoir	Lake Ben Johnston
105	Junction	Hillsborough Gage
106	Demand	Hillsborough Demand
110	Junction	Node110
115	Junction	Durham Gage
116	Demand	Piedmont Minerals Demand
120	Reservoir	Teer Quarry
140	Reservoir	Lake Michie
153	Junction	Durham System Demand
155	Demand	OWASA Interconnect
156	Demand	Chatham Interconnect
157	Demand	Cary Interconnect
158	Demand	Raleigh Interconnect
159	Demand	Durham Demand
200	Reservoir	Little River Reservoir
205	Junction	Node 205
230	Reservoir	Beaverdam Lake
250	Reservoir	Lake Holt_Butner
252	Junction	Kerr Lake Indirect Transfer
256	Demand	SGWASA Demand
257	Demand	Creedmor Demand
270	Reservoir	Lake Rogers
290	Reservoir	Wake Forest Lake
296	Demand	Wake Forest Demand
300	Reservoir	Falls Lake
301	Junction	node 301
306	Demand	Raleigh Demand
308	Junction	Riverplace II LLC Discharge
316	Demand	Zebulon Demand
318	Demand	Old Burlington Industries
400	Reservoir	Lake Crabtree
402	Junction	Cary WW
403	Junction	Quarry Dewatering

Node Number	Node Type	Node Name
404	Junction	Apex WRF
406	Junction	Motiva Enterprises WW
408	Junction	Fuquay-Varina WW
420	Reservoir	Lake Wheeler
440	Reservoir	Lake Benson
445	Reservoir	Lake Johnson
450	Reservoir	Lake Raleigh
500	Reservoir	Buckhorn Reservoir
506	Demand	Wilson Demand
520	Junction	Wiggons Mill Lake
528	Junction	Tar River Emergency PS
560	Junction	Conentnea at Hookerton
564	Junction	Stantonsburg W/WWTP
566	Junction	Snow Hill WWTP
568	Junction	Farmville WWTP
570	Junction	Little Contentnea Confluence
600	Junction	Confluence_Crabtree
620	Junction	Walnut Creek Confluence
630	Junction	Neuse River at Clayton
636	Demand	Clayton Demand
640	Junction	Johnston County
642	Junction	TransMontaigne WW
644	Junction	Magellan Terminals WW
646	Demand	J. County Demand
660	Junction	Neuse River at Smithfield
666	Demand	Smithfield Demand
700	Junction	Confluence_Swift Creek
701	Demand	Cary
702	Demand	Holly Springs
703	Demand	Fuquay-Varina
706	Junction	Aqua NC Inc. Hawthorne WWTP
740	Reservoir	Little River Reservoir (Raleigh proposed)
748	Junction	Kenly WW
750	Junction	Little River nr Princeton gage
752	Junction	Princeton WW
756	Junction	Benson WWTP
758	Junction	Jerry_G_Williams WW
760	Junction	Progress Energy
766	Demand	Progress Demand
770	Junction	Node 770

Node Number	Node Type	Node Name
775	Junction	Confluence Little River
780	Junction	Goldsboro
786	Demand	Goldsboro Demand
788	Junction	La Grange WW
790	Junction	Node 790
800	Junction	Neuse River WASA
806	Demand	Demand 806
846	Junction	Contentnea Sewerage District WWTP
848	Junction	Unifi-Kinston LLC
850	Junction	Contentea Crk Confluence
900	Junction	Weyerhauser
906	Demand	Weyerhauser Demand
999	Junction	Terminal_New Bern