Lower Neuse Basin Association – Sampling Stations, Parameters & Frequencies

STATION NUMBER	LOCATION	Station Comments	LATITUDE (dd.dddd)	LONGITUDE (dd.dddd)	COUNTY	8 Digit HUC	STREAM CLASS	Field Measurements (Temp, DO, pH, Conductivity)	*Nutrients	**Metals	Turbidity	Suspended Residue	Fecal Coliform	Chlorophyll a
J2230000	SMITH CRK AT SR 2045 BURLINGTON MILL RD NR WAKE FOREST	DWR benthic and fish station	35.9182	-78.5348	WAKE	3020201	C NSW	M+2SM	M		M	M	M	
J2330000	NEUSE RIV AT SR 2215 BUFFALO RD NR NEUSE	dns Smith Creek WWTP	35.8479	-78.5302	WAKE	3020201	C NSW	M+2SM	M		M	M	M	
J3290000	CRABTREE CRK AT US 1 (CAPITAL BLVD) AT RALEIGH	dns North Cary WRF, USGS gage	35.8108	-78.6117	WAKE	3020201	C NSW	M+2SM	M		M	M	M	
J3970000	WALNUT CRK AT SR 2551 BARWELL RD NR RALEIGH	DWR benthic station	35.7493	-78.5345	WAKE	3020201	C NSW	M+2SM	M	M	M	M	M	
J4050000	NEUSE RIV AT SR 2555 AUBURN KNIGHTDALE RD NR RALEIGH	ups Neuse River WWTP	35.7266	-78.5139	WAKE	3020201	C NSW	M+2SM	M	M	M	M	M	
J4080000	POPLAR CRK AT SR 2049 BETHLEHEM RD NR KNIGHTDALE	last bridge before Neuse	35.7309	-78.4776	WAKE	3020201	C NSW	M+2SM	M		M	M	M	
J4130000	NEUSE RIV AT SR 1700 COVERED BRIDGE RD NR ARCHERS LODGE	dns Neuse River WWTP, ups Little Creek (Clayton) WWTP	35.6749	-78.4364	JOHNSTON	3020201	WS-V NSW	M+2SM	M	M	M	M	M	
J4170000	NEUSE RIV AT NC 42 NR CLAYTON	dns Little Creek (Clayton) WWTP, DWR benthic station, DWR AMS station, USGS gage	35.6473	-78.4056	JOHNSTON	3020201	WS-IV NSW	M+2SM	M	M	M	M	M	
J4370000	NEUSE RIV AT US 70 BUS AT SMITHFIELD	dns Johnston County WTP, DWR AMS station	35.5128	-78.3498	JOHNSTON	3020201	WS-IV NSW	M+2SM	M		M	M	M	
J4414000	SWIFT CRK AT SR 1152 HOLLY SPRINGS RD NR MACEDONIA	ups Lake Wheeler, DWR benthic station, USGS gage	35.7187	-78.7527	WAKE	3020201	WS-III NSW	M+2SM	M		M	M	M	
J4580000	SWIFT CRK AT SR 1501 (SWIFT CREEK RD) NR SMITHFIELD	Replaced J4590000 4/1/12. Extensive guardrail system created unsafe traffic pattern	35.5442	-78.397	JOHNSTON	3020201	C NSW	M+2SM	M		M	M	M	
J4690000	MIDDLE CRK AT SR 1152 HOLLY SPRINGS RD NR HOLLY SPRINGS	ups South Cary WRF, dns Apex WWTP	35.6609	-78.8042	WAKE	3020201	C NSW	M+2SM	M		M	M	M	
J4868000	MIDDLE CRK AT SR 1375 LAKE WHEELER RD NR BANKS	dns South Cary WRF, ups Terrible Creek	35.6356	-78.7279	WAKE	3020201	C NSW	M+2SM	M	M	M	M	M	
J4980000	MIDDLE CRK AT SR 1006 OLD STAGE ROAD NR WILLOW SPRINGS	dns of Terrible Creek	35.6091	-78.6866	WAKE	3020201	C NSW	M+2SM	M		M	M	M	
J5010000	MIDDLE CRK AT NC 210 NR SMITHFIELD	ups of Neuse River	35.5075	-78.4013	JOHNSTON	3020201	C NSW	M+2SM	M		M	M	M	

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J5170000	BLACK CRK AT SR 1162 BLACK CREEK RD NR FOUR OAKS	dns Holts Lake, ups Neuse River, USGS gage	35.46925	-78.45681	JOHNSTON	3020201	C NSW	M+2SM	M		M	M	M	
J5250000	NEUSE RIV AT SR 1201 RICHARDSON BRIDGE RD NR COX MILL	dns for Johnston County WWTP, ups for Progress Energy and Goldsboro WWTP, DWR benthic station	35.3741	-78.1962	JOHNSTON	3020201	WS-IV NSW	M+2SM	M	M	M	M	M	
J5390000	HANNAH CRK AT SR 1158 ALLENS CROSSROADS DR NR BENSON	ups Benson WWTP	35.3868	78.511	JOHNSTON	3020201	C NSW	M+2SM	M		M	M	M	
J5390800	HANNAH CRK AT SR 1227 IVEY RD NR BENSON	dns Benson WWTP	35.4025	-78.4952	JOHNSTON	3020201	C NSW	M+2SM	M		M	M	M	
J5410000	MILL CRK AT SR 1200 RICHARDSON BRIDGE RD NR BENTONVILLE	USGS gage	35.342	-78.2162	JOHNSTON	3020201	C NSW	M+2SM	M		M	M	M	
J5500000	FALLING CRK AT SR 1219 OLD GRANTHAM RD NR GRANTHAM	dns concentrated agricultural area	35.3224	-78.1282	WAYNE	3020201	WS-IV NSW	M+2SM	M		M	M	M	
J5620000	LITTLE RIV AT SR 2333 SMITHFIELD RD/GLORY RD NR ZEBULON	Possible future site of E. Wake reservoir (City of Raleigh drinking water)	35.8577	-78.3665	WAKE	3020201	WS-II HQW NSW	M+2SM	M		M	M	M	
J5685000	LITTLE RIV AT WEAVER RD NR BAGLEY	ups Kenly Regional WWTP	35.5791	-78.1723	JOHNSTON	3020201	WS-V NSW	M+2SM	M		M	M	M	
J5750000	LITTLE RIV AT SR 2339 BAGLEY RD NR LOWELL MILL	dns Kenly Regional WWTP	35.5613	-78.1594	JOHNSTON	3020201	WS-V NSW	M+2SM	M		M	M	M	
J5930000	LITTLE RIV AT NC 581 NR CHERRY HOPSITAL	DWQ benthic station	35.393	-78.0258	WAYNE	3020201	C NSW	M+2SM	M		M	M	M	
J6010950	WALNUT CRK AT SR 1730 SAINT JOHNS CHURCH RD NR WALNUT CREEK	significant tributary	35.2817	-77.8686	WAYNE	3020202	C NSW	M+2SM	M		M	M	M	
J6024000	NEUSE RIV AT SR 1731 PINEY GROVE RD NR SEVEN SPRINGS	dns Goldsboro WWTP	35.229	-77.846	WAYNE	3020202	C NSW	M+2SM	M		M	M	M	
J6044400	BEAR CRK AT SR 1603 WASHINGTON ST NR LA GRANGE	Ups concentrated agricultural area	35.3137	-77.8153	LENOIR	3020202	C Sw NSW	M+2SM	M		M	M	M	
J6044500	BEAR CRK AT SR 1311 BEAR CREEK RD NR KINSTON	DWR benthic and fish stations	35.2489	-77.7843	LENOIR	3020202	C Sw NSW	M+2SM	M		M	M	M	
J6055000	MOSLEY CRK AT SR 1327 WILLEY MEASLEY RD NR LA GRANGE	dns LaGrange WWTP	35.3119	-77.7313	LENOIR	3020202	C Sw NSW	M+2SM	M		M	M	M	

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J6150000	NEUSE RIV AT NC 11 BYPASS AT KINSTON	DWR AMS station, ups Kinston Regional WRF	35.2587	-77.5835	LENOIR	3020202	C NSW	M+2SM	M		M	M	M	
J6250000	NEUSE RIV AT NC 55 NR GRAINGERS	dns Kinston Regional WRF, ups DuPont	35.2957	-77.4962	LENOIR	3020202	C NSW	M+2SM	M		M	M	M	
J6410000	LITTLE CRK AT NC 97 AT ZEBULON	ups Little Creek (Raleigh) WWTP	35.8279	-78.3025	WAKE	3020203	C NSW	M+2SM	M		M	M	M	
J6450000	LITTLE CRK AT NC 39 AT ZEBULON	dns Little Creek (Raleigh) WWTP	35.8125	-78.2681	WAKE	3020203	C NSW	M+2SM	M		M	M	M	
J6500000	MOCCASIN CRK AT SR 1131 ANTIOCH CHURCH RD NR CONNER		35.7301	-78.1895	WILSON	3020203	C NSW	M+2SM	M		M	M	M	
J6680000	TURKEY CRK AT SR 1101 CLAUDE LEWIS RD NR MIDDLESEX	Nutrient load to Buckhorn Reservoir	35.7519	-78.1597	NASH	3020203	C NSW	M+2SM	M		M	M	M	
J6765000	CONTENTNEA CRK AT WILLOW SPRINGS DR NR DIXIE	ups Wilson WWTP, dns Wiggins Mill Reservoir	35.6838	-77.941	WILSON	3020203	C Sw NSW	M+2SM	M		M	M	M	
J6890000	CONTENTNEA CRK AT SR 1622 EVANSDALE RD NR WILSON	dns Wilson WWTP	35.6429	-77.8902	WILSON	3020203	C Sw NSW	M+2SM	M		M	M	M	
J7210000	CONTENTNEA CRK AT NC 58 NR STANTONSBURG	DWR benthic station	35.5861	-77.8111	WILSON	3020203	C Sw NSW	M+2SM	M		M	M	M	
J7240000	TOISNOT SWAMP AT SR 1539 SAND PIT RD NR STANTONSBURG	major trib to Contentnea Creek	35.5976	-77.7947	WILSON	3020203	C Sw NSW	M+2SM	M		M	M	M	
J7325000	NAHUNTA SWAMP AT NC 58 NR CONTENTNEA	major trib to Contentnea Creek	35.5081	-77.7455	GREENE	3020203	C Sw NSW	M+2SM	M		M	M	M	
J7330000	CONTENTNEA CRK AT US 13 AT SNOW HILL		35.4585	-77.6753	GREENE	3020203	C Sw NSW	M+2SM	M		M	M	M	
J7690000	LITTLE CONTENTNEA CRK AT SR 1218 CHINQUAPIN RD NR FARMVILLE	ups Farmville WWTP	35.5881	-77.5416	PITT	3020203	C Sw NSW	M+2SM	M		M	M	M	
J7740000	LITTLE CONTENTNEA CRK AT SR 1110 HWY 903 AT SCUFFLETON	ups of Contentnea Ck	35.4567	-77.4854	PITT	3020203	C Sw NSW	M+2SM	M		M	M	M	
J7850000	NEUSE RIV AT SR 1470 MAPLE CYPRESS RD NR FORT BARNWELL	dns Contentnea Creek and Contentnea MSD WWTP, DWR AMS station, ups New Bern WWTP – sampled at boat dock	35.3137	-77.3033	CRAVEN	3020202	C Sw NSW	M+2SM	M		M	M	M	M

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J8870000	TRENT RIV AT E FRONT ST AT NEW BERN	Confluence of Neuse and Trent Rivers	35.1015	-77.037	CRAVEN	3020204	SB Sw NSW	M+2SM	M***		M	M	M	M***
J4110000	MARKS CREEK AT SR 1714 (PRITCHARD RD) NR WILSON	City of Raleigh Sampling & Monitoring Program	35.7062	-78.4312	JOHNSTON	3020201	C NSW	M+2SM	M		M	M	M	
J4500000	SWIFT CREEK AT INDIAN CREEK DISCHARGE NR GARNER	City of Raleigh Sampling & Monitoring Program	35.6476	-78.6041	WAKE	3020201	C NSW	M+2SM	M		M	M	M	
J4510500	SWIFT CREEK AT SR 1525 (CORNWALLIS ROAD) NR CLAYTON	City of Raleigh Sampling & Monitoring Program	35.5999	-78.5356	JOHNSTON	3020201	C NSW	M+2SM	M		M	M	M	
J4511000	WHITE OAK CREEK AT NC 42 NR CLAYTON	City of Raleigh Sampling & Monitoring Program	35.6176	-78.5281	JOHNSTON	3020201	C NSW	M+2SM	M		M	M	M	
J5002000	MIDDLE CREEK OFF SR 1517 (OLD SANDERS HSE) NR EDMONSON	City of Raleigh Sampling & Monitoring Program	35.5626	-78.5756	JOHNSTON	3020201	C NSW	M+2SM	M		M	M	M	
J5790000	BUFFALO CREEK AT SR 2358 (LAKE GLAD RD) AT WENDELL	City of Raleigh Sampling & Monitoring Program	35.7697	-78.3769	WAKE	3020201	C NSW	M+2SM	M		M	M	M	

*Nutrients include Ammonia as N (NH_3), Nitrate/Nitrite as N (NO_2/NO_3), Total Kjeldahl Nitrogen (TKN), and Total Phosphorus as P (TP)
**Metals analysis will include the following metals: Aluminum (Al), Arsenic (As), Cadmium (Cd), Chromium (Cr) (total), Copper (Cu), Iron (Fe), Lead (Pb), Manganese (Mn), Mercury (Hg), Nickel (Ni), and Zinc (Zn) - Metals monitoring was suspended per DWQ's March 2009 letter at the agreement of DWQ and LNBA. No metals monitoring requirements are included in this MOA, as the DWR is currently in the process of reviewing metals water quality assessment techniques, evaluation criteria and relevant standards. However, the DWR expects to conclude the review within the life cycle of this MOA. At such time, or when the DWR Director mandates, the LNBA is expected to resume monitoring at a level of effort similar to that in the 2009-2014 MOA, which includes metals monitoring.
*** These nutrient and chlorophyll *a* samples shall be collected as a composite sample over the photic zone (photic zone = twice the secchi depth)
M=Monthly, M+2SM=Monthly with Twice Monthly Summer Sampling during May, June, July, August, and September. Samples are to be collected at least ten days apart except when extenuating conditions arise.
ups=upstream, dns=downstream