Appendix G

Complete list of monitoring stations collected or funded by the City of Raleigh Public Utilities Department.

Raleigh SCIMP

NOTE: DWQ monitoring stations included on this list are those sites that have applicable monitoring data to Raleigh's PUD service area

Station ID*	Owner	Station Location	Latitude	Longitude	Monthly	Quarterly	Yearly	Every 5 Years	County	Comments
J2230000	Raleigh PUD-LNBA-DWQ Benthic	Smith Creek at SR 2045 Burlington Mill Rd. NR Wake Forest	35.917	-78.533	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform, DO, pH, Conductivity		Benthic Macroinvertebrates		Wake	LNBA Station, DWQ Benthic and fish station
J2330000	Raleigh PUD-LNBA	Neuse River at SR 2215 Buffalo Rd NR Neuse	35.846	-78.529	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform, DO, pH, Conductivity				Wake	LNBA Station, Approx. 7 miles downstream of Wake Forest WWTP
J2360000	Raleigh PUD-LNBA	Neuse River at Milburnie Dam NR Raleigh	35.804	-78.538	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Wake	LNBA Station
J3000000	Raleigh PUD-DWQ AMS	Crabtree Creek at SR 1795 NR Umstead State Park	35.84545	-78.72444	Temperature, Nutrients, Turbidity, Fecal Coliform DO, pH, Conductivity	Metals, TSS	Benthic Macroinvertebrates		Wake	DWQ Ambient Water Quality Monitoring Station
J3210000	Raleigh PUD-LNBA	Crabtree Creek at Lassiter Mill dam at Raleigh	35.825	-78.649	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Wake	LNBA Station, Downstream North Cary WRF, DO sag
J3251000	Raleigh PUD-DWQ AMS	Crabtree Creek at SR 2000 Old Wake Forest Road NR Raleigh	35.81584	-78.62568	Temperature, Turbidity, Fecal Coliform DO, pH, Conductivity	Metals, TSS			Wake	DWQ Ambient Water Quality Monitoring Station
J3300000	Raleigh PUD-DWQ AMS	Pigeon House Branch at Dortch St at Raleigh	35.79387	-78.64262	Temperature, Turbidity, Fecal Coliform DO, pH, Conductivity	Metals, TSS			Wake	DWQ Ambient Water Quality Monitoring Station
J3470000	Raleigh PUD-LNBA	Crabtree Creek at SR 2036 New Hope Church Road NR Wilders Grove	35.782	-78.56	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity				Wake	LNBA Monitoring Station
J3970000	Raleigh PUD-LNBA-DWQ Benthic	Walnut Creek at SR 2551 Barwell Rd NR Raleigh	35.751	-78.536	Temperature, Nutrients, Metals, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Wake	LNBA, DWQ Benthic and Fish Station, Urban 303d
J4050000	Raleigh PUD-LNBA	Neuse River at SR 2555 Auburn Knightdale Rd NR Raleigh	35.725	-78.514	Temperature, Nutrients, Metals, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity				Wake	LNBA Station, Upstream Neuse River WWTP
J4080000	Raleigh PUD-LNBA	Poplar Creek at SR 2049 Bethlehem Rd NR Knightdale	35.729	-78.478	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Wake	LNBA Station, Last bridge before Neuse
J4130000	Raleigh PUD-LNBA	Neuse River at SR 1700 Covered Bridge Rd NR Archers Lodge	35.661	-78.824	Temperature, Nutrients, Metals, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity				Johnston	LNBA Station, Approx. 6.5 miles downstream Raleigh WWTP, upstream of Clayton WRF
J4170000	Raleigh PUD-LNBA-DWQ Benthic	Neuse River at NC 42 NR Clayton	35.647	-78.406	Temperature, Nutrients, Metals, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates	Fish Community	Johnston	LNBA Station, DWQ Benthic and Fish Station, Downstream of Clayton WRF, USGS gauge

Appendix G

Complete list of monitoring stations collected or funded by the City of Raleigh Public Utilities Department.

Raleigh SCIMP

NOTE: DWQ monitoring stations included on this list are those sites that have applicable monitoring data to Raleigh's PUD service area

Station ID*	Owner	Station Location	Latitude	Longitude	Monthly	Quarterly	Yearly	Every 5 Years	County	Comments
J4414000	Raleigh PUD-LNBA-DWQ Benthic-USGS	Swift Creek at SR 1152 Holly Springs Rd. NR Macedonia	35.682	-78.651	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Wake	LNBA Station, 303d, DWQ benthic and Fish station, upstream of Lake Wheeler, USGS gauge
J4980000	Raleigh PUD-LNBA	Middle Creek at SR 1006 Old Stage Road NR Holly Springs	35.611	-78.686	Temperature, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity				Wake	LNBA Station, Downstream and Terrible Creek and Terrible Creek WWTP
J4590000	Raleigh PUD-LNBA	Swift Creek at NC 210 NR Smithfield	35.519	-78.381	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates	Fish Community	Johnston	LNBA Station
J5010000	Raleigh PUD-LNBA	Middle Creek at NC 210 NR Smithfield			Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates	Fish Community	Johnston	LNBA Station, Just upstream of Neuse River
J5620000	Raleigh PUD-LNBA	Little River at SR 2333 Smithfield Rd. NR Benson	35.858	-78.367	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates	Fish Community	Wake	LNBA Station
J4110000	Raleigh PUD-LNBA	MARKS CRK AT SR 1714 NR ARCHERS LODGE	35.70615	-78.43127	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Johnston	New LNBA sampling point in relation to DE Benton WTP
J4500000	Raleigh PUD-LNBA	SWIFT CRK AT INDIAN CREEK DISCHARGE NR GARNER	35.64767	-78.60417	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Wake	New LNBA sampling point in relation to DE Benton WTP
J4510000	Raleigh PUD-LNBA	SWIFT CRK AT NC 42 NR CLAYTON	35.61314	-78.54863	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Johnston	New LNBA sampling point in relation to DE Benton WTP
J4511000	Raleigh PUD-LNBA	WHITE OAK CRK AT NC 42 NR CLAYTON	35.61765	-78.52818	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Johnston	New LNBA sampling point in relation to DE Benton WTP
J4520000	Raleigh PUD-LNBA	SWIFT CRK AT SR 1562 NR SMITHFIELD	35.55155	-78.46002	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Johnston	New LNBA sampling point in relation to DE Benton WTP
J5002000	Raleigh PUD-LNBA	MIDDLE CRK OFF SR 1517 NR EDMONDSON	35.5564	-78.56552	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Johnston	New LNBA sampling point in relation to DE Benton WTP
J5790000	Raleigh PUD-LNBA	BUFFALO CRK AT SR 2368 AT WENDELL	35.76972	-78.37693	Temperature, Nutrients, Turbidity, TSS, Fecal Coliform DO, pH, Conductivity		Benthic Macroinvertebrates		Wake	New LNBA sampling point in relation to DE Benton WTP

NOTE: Stations listed as LNBA are those funded by Raleigh PUD. NCDWQ Stations listed are monitoring stations within Raleigh PUD's service area, which the City utilizes the data from.

Appendix G

Complete list of City of Raleigh Stormwater Monitoring Program Sites
Raleigh SCIMP

Owner	Station Location	Weekly	Quarterly	Yearly	County	Comments
Raleigh Stormwater	Pigeon House Branch at Crabtree Blvd.	E. Coli Bacteria			Wake	Pigeon House/Walnut Creek Bacteria Study
Raleigh Stormwater	Pigeon House Branch at Dortch St.	E. Coli Bacteria			Wake	Pigeon House/Walnut Creek Bacteria Study
Raleigh Stormwater	54" RCP at Equipment service Depot	E. Coli Bacteria			Wake	Pigeon House/Walnut Creek Bacteria Study
Raleigh Stormwater	West St. Tributary at Dorthea Dr.	E. Coli Bacteria			Wake	Pigeon House/Walnut Creek Bacteria Study
Raleigh Stormwater	Dawson St. Tributary at Washington Elementary	E. Coli Bacteria			Wake	Pigeon House/Walnut Creek Bacteria Study
Raleigh Stormwater	South Bloodworth St. at East Lenoir Street	E. Coli Bacteria			Wake	Pigeon House/Walnut Creek Bacteria Study
Raleigh Stormwater	Alston St Tributary at Chavis Way	E. Coli Bacteria			Wake	Pigeon House/Walnut Creek Bacteria Study
Raleigh Stormwater	Blount St. Tributary at Greenway Bridge	E. Coli Bacteria			Wake	Pigeon House/Walnut Creek Bacteria Study
Raleigh Stormwater	S State St. Tributary at Spaulding St.	E. Coli Bacteria			Wake	Pigeon House/Walnut Creek Bacteria Study
Raleigh Stormwater	Crabtree Cr. At New bern Avenue		BOD, COD, Nutrients, TSS, TDS, Cd, Cr, Cu, Fe, Pb, Ni, Zn		Wake	Neuse River Initiative
Raleigh Stormwater	Crabtree Cr. at Umstead S.P.		BOD, COD, Nutrients, TSS, TDS, Cd, Cr, Cu, Fe, Pb, Ni, Zn		Wake	Neuse River Initiative
Raleigh Stormwater	Perry Creek at Perry Creek Rd.		BOD, COD, Nutrients, TSS, TDS, Cd, Cr, Cu, Fe, Pb, Ni, Zn		Wake	Neuse River Initiative
Raleigh Stormwater	Walnut Cr. at Barwell Rd.		BOD, COD, Nutrients, TSS, TDS, Cd, Cr, Cu, Fe, Pb, Ni, Zn		Wake	Neuse River Initiative
Raleigh Stormwater	Beaverdam Cr. at Lassiter Mill Rd.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Big Branch at Cheswick Dr.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Bushy Branch at Kaplan Dr.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Walnut Creek at Trailwood Dr.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling

Appendix G

Complete list of City of Raleigh Stormwater Monitoring Program Sites
Raleigh SCIMP

Owner	Station Location	Weekly	Quarterly	Yearly	County	Comments
Raleigh Stormwater	Sycamore Creek nr. Turkey Creek Tributary			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Crabtree Cr. downstream of Duraleigh Rd.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Hare Snipe Creek at Glenwood Ave.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	House Creek at Blue Ridge Rd.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Lower Barton Cr. at Norwood Rd.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Marsh Creek South of Capital Blvd.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Pigeon House Br. near confl. with Crabtree Cr.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Mine Creek south of Mill Brook Road			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	New Hope Tributary at north of Huntleigh Dr.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Perry Creek at Perry Creek Rd.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Pigeon House Br. North of Peace St. East of West St.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Cemetary Branch at Frank St.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Richland Creek at Ebenezer Church Rd.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Rocky Br. Creek South of Western BLvd. Ashe intersect.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Simmons Branch at Kaplan Dr.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Southgate Tributary at Rock Quarry Rd.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Turkey Cr. at Glenwood Rd. and Lynn Rd.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling
Raleigh Stormwater	Walnut Creek at Sunnybrook Rd.			Benthic Macroinvertebrates	Wake	Benthic Macroinvertebrate Sampling

Appendix G

Complete list of NCDWQ Ambient Lakes Monitoring Stations in Wake County
Raleigh SCIMP

Station ID	Owner	Station Location	Latitude	Longitude	Quarterly	County
NEU018E	NC DWQ Ambient Lakes Monitoring Program	FALLS LAKE AT MOUTH OF LEDGE CR NR CREEDMOOR NC	36.01654	-78.70688	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU019E	NC DWQ Ambient Lakes Monitoring Program	FALLS LAKE AT MOUTH OF BEAVERDAM CR NR MARKER #10	36.02241	-78.68501	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU019L	NC DWQ Ambient Lakes Monitoring Program	FALLS LAKE AT CHANNEL MARKER #6 NR BAYLEAF NC	35.99963	-78.65168	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU019P	NC DWQ Ambient Lakes Monitoring Program	FALLS LAKE AT NC HWY 98 NR BAYLEAF NC	35.97876	-78.63286	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU020D	NC DWQ Ambient Lakes Monitoring Program	FALLS LAKE AT MARKER #1 NR BAYLEAF NC	35.95373	-78.58296	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU035A7	NC DWQ Ambient Lakes Monitoring Program	REEDY CR LAKE NR DAM NR RALEIGH NC	35.83778	-78.74614	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU035G	NC DWQ Ambient Lakes Monitoring Program	BIG LAKE AT UPPER END AT UMSTEAD PARK	35.87865	-78.7693	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU035H	NC DWQ Ambient Lakes Monitoring Program	BIG LAKE AT LOWER END AT UMSTEAD PARK	35.87258	-78.76596	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU035J	NC DWQ Ambient Lakes Monitoring Program	SYCAMORE LAKE NR DAM NR RALEIGH NC	35.86331	-78.75272	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU042C	NC DWQ Ambient Lakes Monitoring Program	LAKE JOHNSON AT UPPER END AT RALEIGH	35.76449	-78.72161	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU055A	NC DWQ Ambient Lakes Monitoring Program	APEX RESERVOIR NR DAM NR APEX NC	35.74766	-78.81722	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU055A01	NC DWQ Ambient Lakes Monitoring Program	LAKE WHEELER AT SR 1379 NR GARNER NC	35.70003	-78.7211	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake

Appendix G

Complete list of NCDWQ Ambient Lakes Monitoring Stations in Wake County
Raleigh SCIMP

Station ID	Owner	Station Location	Latitude	Longitude	Quarterly	County
NEU055A02	NC DWQ Ambient Lakes Monitoring Program	LAKE WHEELER AT DAM NR GARNER NC	35.69227	-78.69625	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU055A3	NC DWQ Ambient Lakes Monitoring Program	LAKE BENSON AT UPPER END NR GARNER NC	35.67192	-78.6428	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU055A4	NC DWQ Ambient Lakes Monitoring Program	LAKE BENSON AT LOWER END NR GARNER NC	35.66568	-78.62462	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU057C	NC DWQ Ambient Lakes Monitoring Program	BASS LAKE NR HOLLY SPRINGS NC	35.63805	-78.80725	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEU057C1	NC DWQ Ambient Lakes Monitoring Program	BASS LAKE NR HOLLY SPRINGS	35.64178	-78.80384	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEUCL1	NC DWQ Ambient Lakes Monitoring Program	LAKE CRABTREE IN UPS END NR MORRISVILLE NC	35.8248	-78.81714	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEUCL2	NC DWQ Ambient Lakes Monitoring Program	LAKE CRABTREE UPS SR 3015 NR MORRISVILLE NC	35.84368	-78.80477	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake
NEUCL3	NC DWQ Ambient Lakes Monitoring Program	LAKE CRABTREE AT DAM NR MORRISVILLE NC	35.83826	-78.78216	Temp., Conductivity, Secchi, Phytoplankton, Turbidity, TSS, DO, pH, Chlorphyll a, Nutrients	Wake