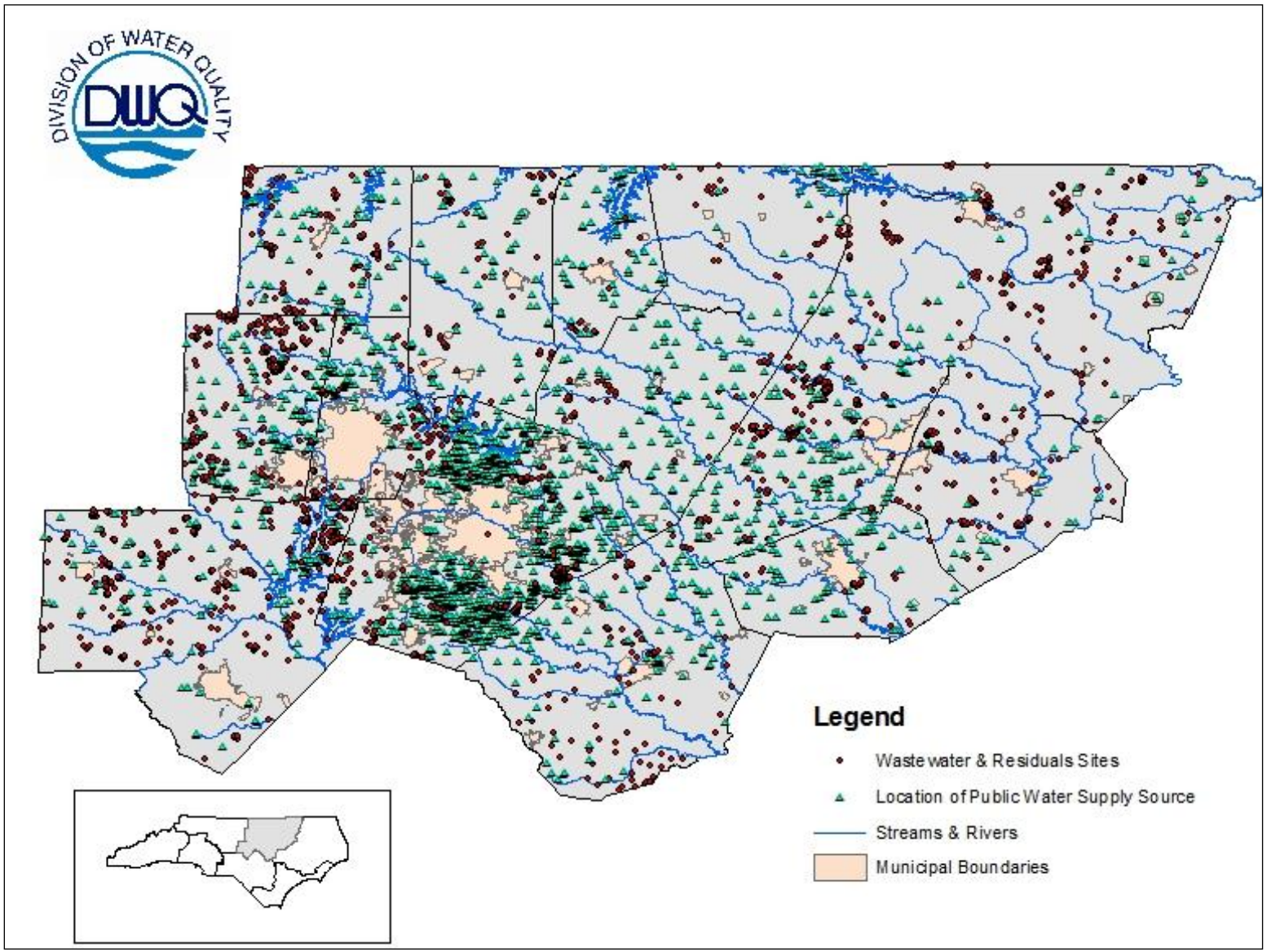
Raleigh Regional Office Division of Water Quality



PRIMARY PROGRAM FUNCTIONS OF THE RALEIGH REGIONAL OFFICE - This region is located in the piedmont and coastal plain regions and encompasses the heavily populated Raleigh/Durham/Chapel Research Triangle area. Rapid population growth results in stressed water and wastewater infrastructures and an increased permitting demands.

Characteristics for Raleigh Regional Office

- Industrial areas with unique waste disposal systems
- Swine, poultry and cattle farms require specialized inspection and compliance oversight
- Largest number of permitted facilities
- Soils with poor drainage/unconventional septic systems
- High concentration of academic institutions
- Naturally occurring arsenic & radon in groundwater is a potential public health threat
- Potential natural gas extraction using hydro-fracking
- Hurricane/flood response area require preparations for and response to emergencies

Statistics for Raleigh Regional Office

- Number of Regional Office Staff: **25**
- Total High Quality/Outstanding Resource Watershed Square Miles: **588**
- Water Supply Watershed Square Miles: **2300**
- Monitored Impaired Streams/Rivers: **19%**
- Monitored Impaired Lakes/Reservoirs: **48%**
- Number of Water Quality Monitoring Sites: **155**
- Coalition Partnerships (number of monitoring sites)
  - Lower Neuse Basin Association (33)
  - Tar-Pamlico Basin Association (60)
  - Upper Cape Fear Basin Association (20)
  - Middle Cape Fear Basin Association (11)
- Population Relying on Groundwater for Drinking Water: **42%**
- Population Relying on Surface Water for Drinking Water: **58%**

Regional Data Elements Annual Averages	
Active Facilities	2,715
Permits Issued by Regional Office	225
Permit Applications Reviewed in Regional Offices and Issued in Central Office	276
Compliance Inspections Conducted	1860
Notices of Violations Sent	430
Civil Penalties Assessed	131
Water Samples Collected	548
Complaints, Incidents, Emergency Response Calls	874

Permitted Facilites	
Number of Permitted Wastewater Treatment Plants	287
Number of Permitted NPDES Stormwater Facilities	742
Number of Permitted State Stormwater Facilities	9
Number of Permitted Single-Family Residences	1040
Residuals Field Acres	21,356
Reuse Irrigation Acres	2,642
Surface Irrigation Wastewater Acres	2,202
Number of Permitted Concentrated Animal Feeding Operations	244