

N.C. Department of Environment and Natural Resources

Winston-Salem Regional Office

Winston-Salem Region - 15 county territory
Estimated Population per 2010 – 1.77 million
Population Projection by 2030 – 2.83 million
Total Area of the Region – 7,196.3 sq. miles
Total Stream Miles – 3,384
Total Freshwater Lake Acres – 25,730



Major Cities

- Winston-Salem – Forsyth County
- Greensboro – Guilford County
- High Point – Guilford County
- Burlington – Alamance County

Natural Resources

- Stone Mountain State Park
- Mt. Jefferson State Park
- New River State Park
- Pilot Mountain State Park
- Hanging Rock State Park
- N.C. Zoological Park
- Uwharrie National Forest

Major Industries

- Wineries
- Miller Brewing
- Duke Energy
- Louisiana Pacific
- Thomas Built Buses
- Procter & Gamble
- Weyerhaeuser

Division of Air Quality (DAQ)

DAQ's 21-person Winston-Salem Regional Office staff ensures that a wide range of core goals and objectives of the DAQ are met. Most priorities stem from the 1990 Clean Air Act Amendments in conjunction with other related federal air quality rules and regulations, with a primary focus of protecting North Carolina's citizens from air pollution so that they can live healthy, prosperous lives. The basic duties performed include, but are not limited to, the issuance of air permits, investigation of citizen complaints, inspection of industrial facilities, and operation and maintenance of a network of sophisticated air monitors. Staff also provides daily compliance assistance to business and industry. DAQ provides same-day service for priority complaints and ambient monitors with problems.

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Number of nonattainment or maintenance counties:

- PM2.5 (particulate matter) – All monitors meet the federal standard.
- Ozone – All monitors meet the federal standard.

Class I areas: None

Relevant WSRO Statistics: *all averages based on data from the five previous fiscal years (7/2006-6/2011)*

- DAQ WSRO currently has 571 permitted facilities: 47 Title V; 150 Synthetic minor; 374 Small.
- DAQ WSRO issues an average of 235 small and synthetic minor permits to facilities each year with an average time to process and issue each permit of 35 days; many permits are issued in much less time.
- DAQ WSRO provides an average of 84 reviews each year for permit rescissions, tax certifications, environmental assessments, and mining permits.
- DAQ WSRO issues an average of 30 written permit applicability determinations each year, plus at least that many more via telephone.
- DAQ WSRO performs technical reviews and provides comments to the Permits Section staff in central office on an average of 34 Title V permit applications each year.
- DAQ WSRO conducts an average of 514 compliance inspections each year, providing on-site customer assistance with each inspection (including stack test observations, risk management plan inspections, and disaster response).
- DAQ WSRO investigates an average of 240 complaints each year, serving at least two customers with each complaint investigation.
- Each permitted facility is assigned an inspector who serves as the facility's personal contact/customer service representative for all questions and issues; service is provided throughout the year for these facilities.
- All DAQ WSRO staff members provide continuing customer service throughout the year for all permitted and non-permitted facilities. The universe of non-permitted facilities – much larger than the universe of permitted facilities – requires periodic compliance assistance in interpreting federal and state air quality regulations.
- Each of DAQ's 19 ambient monitors in the WSRO, located at eight different monitoring sites, requires personal visits for servicing on at least a weekly basis.
- DAQ WSRO observes an average of 25 source tests each year.

Three counties in North Carolina operate their own local air quality programs. One of those local air quality programs is located in Forsyth County. In this area, the Forsyth County local air program is responsible for enforcing state and federal air quality regulations. They fulfill all core objectives in that county including, air permitting, inspections/compliance/complaints, technical assistance and ambient air monitoring.