

Data Layers Available on GIS Mapping Website (11/18/08):

Addressing

- AddressPoints** - Points depicting locations of addressed structures.
- Bridges** - Bridge structures maintained by the NCDOT Bridge Maintenance Unit.
- Places** - Populated Places in Chatham County extracted from US Geographic Names Information System (GNIS)
- Drives** - Lines depicting driveways.
- Roads** - Lines depicting Chatham County road centerline network.
- Railroad** - Railroad tracks in Chatham County.

Real Property

- Cemeteries** - Points depicting known locations of existing and historical cemeteries.
- Subdivisions/Communities** - Points depicting subdivisions and communities.
- Misc Parcel Features** - Lines depicting various features (easements, town limits, etc..) mapped from recorded surveys.
- Parcel Dimensions** - Text of parcel dimensions for lots < 5 acres.
- Easement** - Text of easement information.
- LotNumber** - Text of lot numbers.
- Misc Text** - Miscellaneous parcel related text.
- Parcels** - Polygons depicting real property mapped from recorded surveys and deeds.
- Tax Map Index** - Polygons depicting tax map index sheets.

Aerial Photos

- Aerial Photo (2007) Color** - Color aerial photos flown in early 2007.
- Aerial Photo (2002)** - Black and white aerial photos flown in early 2002.
- Aerial Photo (1997)** - Black and white aerial photos flown in early 1997.

Water Resources

- Streams/Rivers (USGS)** - Lines depicting blueline streams and rivers from USGS.
- Lakes/Ponds (USGS)** - Polygons depicting lakes, ponds, and double-bank rivers from USGS.
- Major Waterbodies** - Polygons depicting major water features on Chatham County.
- Watersupply Watersheds (NCDWQ)** - Polygons of land areas identified by NCDWQ as water supply watersheds.
- HQW/ORW Watersheds (NCDWQ)** - Polygons of land areas identified by NCDWQ as containing High Quality Waters or Outstanding Resource Waters.
- Ambient Water Quality Sites** - Points depicting NCDWQ ambient water quality monitoring sites.
- Impaired Waters (Lines)** - Lines depicting streams identified by NCDWQ as being impaired for either fish consumption, aquatic life, or recreation uses.
- Impaired Waters (Polygons)** - Polygons depicting streams identified by NCDWQ as being impaired for either fish consumption, aquatic life, or recreation uses.
- National Wetlands Inventory** - Polygons depicting wetlands as mapped by the National Wetlands Inventory (NWI).

Environmental Review Data

- County DTM Breaklines** - Lines depicting abrupt elevation change.
- K Factor Soils** - Polygons depicting soils with a RUSLE-K erodibility factor of 0.49 or higher.
- Drainage Network (Image)** - Image depicting possible drainage channels.
- Slopes % (Image)** - Image depicting areas of steep slopes.

Planning/Zoning/Flood

- Base Flood Elevations** - Lines indicating the approximate water surface elevation of the 1% annual chance flood hazard provided by NC Floodplain Mapping Program.
- Flood Hazard Areas** - Polygons representing the area within the flood mapping boundaries defined by the engineering models for the 100 year and 500 year floodway provided by NC Floodplain Mapping Program.
- Flood Map Index** - Polygons representing the FEMA paneling scheme for DFIRMs.

- County Zoning (DRAFT)** - Polygons representing zoning districts within the zoned areas of the county.
- Conditional Use Permits (DRAFT)** - Polygons representing areas where Conditional Use Permits have been issued by Chatham County.
- Watersheds (County)** - Polygons representing watershed areas as described in the County Watershed Ordinance.

Census

- Block Groups (2000)** - Polygons representing block group geographic units used by the US Census Bureau.
- Blocks (2000)** - Polygons representing block geographic units used by the US Census Bureau.
- Tracts (2000)** - Polygons representing tract geographic units used by the US Census Bureau.

Boundaries

- Army Corp Land** - Polygons representing land owned by the US Army Corps of Engineers.
- Town Limits** - Polygons depicting the municipalities within Chatham County.
- County Boundary** - Polygon representing the Chatham County Boundary.
- ETJs** - Polygons representing the extraterritorial jurisdictions for Siler City and Pittsboro.
- Fire Tax Districts** - Polygons representing the fire tax districts in Chatham County.
- Townships** - Polygons representing the 13 townships in Chatham County.
- School Districts** - Polygons representing the school districts in Chatham County.

Public Works/Utilities

- Water Features** - Points depicting plugs, valves, and other water utility features.
- Hydrants** - Points depicting fire hydrants that have been located by GPS.
- Waterlines (County)** - Lines representing County water line features.

Soils

- Soils** - Polygons depicting soil unit boundaries provided by USDA NRCS.
- Prime Farmland Soils** - Polygons depicting soils identified as prime farmland.

Elevation

- 2 Ft Elevation Contours** - Lines of equal elevation at 2-ft intervals. Source is NCDOT.
- 10 Ft Elevation Contours** - Lines of equal elevation at 10-ft intervals. Source is NCDOT.
- 20 Ft Elevation Contours** - Lines of equal elevation at 20-ft intervals. Source is NCDOT.

Conservation Planning

- TNC Freshwater Conservation Areas** - Polygons of watersheds identified as being priorities by The Nature Conservancy's 2004 Piedmont Ecoregional Planning effort.
- TNC Ecoregional Portfolio Sites** - Polygons depicting priority areas for conservation by The Nature Conservancy's 2004 Piedmont Ecoregional Planning effort.
- Triangle Greenprint Sites** - Polygon displaying priority areas for conservation as identified in the Triangle Greenprint, a regional conservation planning effort that sought to identify the Triangle's essential green infrastructure. Created in 2002.
- DENR Biodiversity and Wildlife Habitat Assessment** - Polygon layer created by the NC Dept of Environment and Natural Resources relating to biodiversity and wildlife habitat.

Env Health

- Wells (Existing)** - Points showing existing well locations that have been captured by GPS.
- Wells (Approved)** - Points showing approved well locations that have been captured by GPS.
- System Area (Existing)** - Polygons showing existing septic system areas that have been captured by GPS.
- Supply Line** - Lines representing septic system supply line captured by GPS.
- System Area (Approved)** - Polygons representing areas approved for new septic systems.

Parks/Trails

- Bike Routes** - Lines provided by NCDOT depicting bike routes.

Proposed/Planned County Parks - Polygons where County parks are proposed or planned.
Parks/Recreation Areas - Polygons representing existing parks in Chatham County and towns.
American Tobacco Trail (Chatham) - Line depicting the Chatham County portion of the American Tobacco Trail.
Siler City GreenWays - Line showing Siler City greenways. Provided by Town of Siler City.

LandUse/LandCover

Vol Ag Dist Parcels - Parcel polygons identified as being in the Voluntary Agriculture District program.
LandCover (1996) - Polygon areas identifying human uses on land, vegetation, water and natural surfaces. Source NC Center for Geographic Info and Analysis.

Natural Heritage

Core Areas - Polygons representing areas identified by the NC Natural Heritage Program as priorities.
Lands Managed for OpenSpace - Polygons representing areas identified by the NC Natural Heritage Program as lands managed for openspace.
Managed Areas - Polygons representing areas identified by the NC Natural Heritage Program as Managed Areas.
Significant Natural Heritage Areas (SNHA) - Polygons representing areas identified by the NC Natural Heritage Program as Significant Natural Heritage Areas.
Dedicated and Registered Areas - Polygons representing areas identified by the NC Natural Heritage Program as Dedicated Nature Preserves or Registered Natural Heritage Areas.

Wildlife Resources Commission

Gameland Hunting Safety Buffers - Polygons depicting a 150-yard hunting safety buffer around the boundaries of Game Lands in Chatham County. Provided by NCWRC.
Burn Block Half Mile Smoke Buffers - Polygons depicting 1/2 mile smoke management buffer around Jordan Gameland Burn Blocks. Provided by NCWRC.
Jordan Lake Gameland Burn Blocks - Polygons depicting Jordan Game Lands where periodic prescribed burns occur.
NCWRC Gamelands - Polygons representing publicly-owned Game Lands managed by the NC Wildlife Resources Commission.
Fed Endangered Aquatic Species HUC's - Polygons representing hydrologic units containing aquatic species listed as endangered by the US government.
Fed Aquatic Species of Concern HUC's - Polygons representing hydrologic units containing aquatic species of concern by the US government.
State Listed Aquatic Species HUC's - Polygons representing 14-digit hydrologic units that support State Listed threatened and endangered species.

Triangle Land Conservancy

Chatham Projects - Polygons showing Triangle Land Conservancy projects in Chatham County.

Other

Geodetic Control Monuments - Points representing NC Geodetic Survey control monuments.
Golf Courses - Polygons representing golf course locations in Chatham County.
Audubon Important Bird Areas - Polygons representing areas identified by NC Audubon as sites that provide essential habitat for one or more species of birds.

USGS Topo Maps

Topo Maps - Scanned images of US Geological Survey (USGS) standard series topographic maps.