

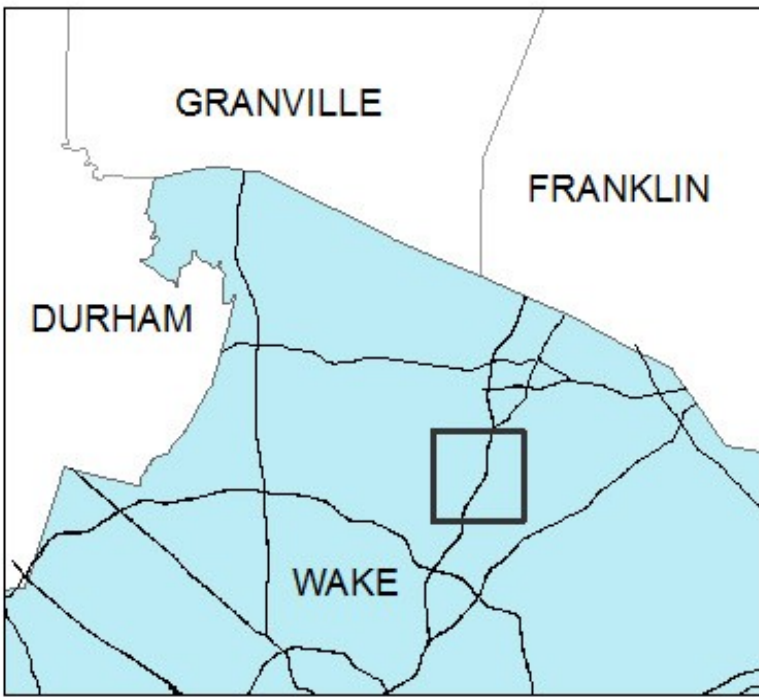
Permitted Sludge Fields in Critical Watersheds of North Carolina

Sludge fields permitted
before 1992

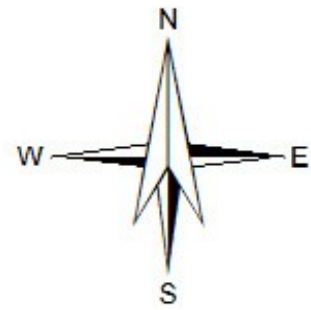
COUNTIES

Wake (Mallinckrodt, Inc.) Caldwell (Huffman Finishing Co.)

A review of residuals land application permits identified fields located within state defined critical watersheds. The illustration below shows fields associated with Permit No. WQ0005537 held by Mallinckrodt, Inc.



- Surface Water Intake
- Street
- +— Railroad
- River/Stream
- Residuals Application Site
- Critical Watershed
- Mallinckrodt_Property



0 500 1,000 1,500 Feet

Wolfe Geographics, LLC
April 5, 2010

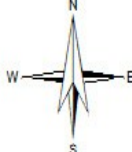
Aerial Photography: Corporation, Surdex,
2006, Wake County, NC 2005 Orthophotos.



State Permitted Biosolids Land Application Sites
within Critical Water Supply Watersheds

Permit issued before 1992
Permit holder: Huffman Finishing Co - WWTP/AS

Wolfe Geographics, LLC
May 2010



0 150 300 600 Feet

- Land Application Site
- Critical Watershed

Source:
NC DENR Div. of Water Quality Water Quality Planning Section, 2007/07/01,
Water Supply Watersheds: NC DENR Div. of Water Quality Water Quality
Planning Section, Raleigh, North Carolina.
NC DENR Div. of Water Quality Water, Aquifer Protection Section,
Land Application Unit, 2009,
Corporation, Surdex, Unpublished Material, Caldwell County, North Carolina
2008, 200 Scale Orthophotography