

Potential Threats to Groundwater Quality

Type of Site	Number Present in Orange County
Reported UST and AST Sites or Surface Spills of Misc. Hazardous Materials	439 ¹⁷
UST Permits (Registered USTs, Typically Present at Gas Stations)	76 ¹⁶
Animal Operation Sites (with Certified Animal Waste Management Plans)	21 ¹⁶
NC State Superfund Program sites	14 ¹⁹
NPL (National Priority List) Sites (“Superfund” Sites)	0 ¹⁶
Non-Discharge Permits (Ind./Municipal Facilities that Treat Various Wastes)	42 ¹⁶
National Pollutant Discharge Elimination System (NPDES) Permits	96 ¹⁶ /153 ¹⁸
Old Landfill Sites (Non-Permitted Municipal Landfills or Dump Sites)	4 ¹⁹
Polychlorinated Biphenyl (PCB) Sites	1 ¹⁶
RCRA Hazardous Waste Large/Small Quantity Generators/Transporters	1/19 ¹⁸
RCRA Hazardous Waste Transport, Storage, Disposal (TSD) Sites	4/19 ¹⁸
Septage Disposal Sites (Permitted Sites for Land Application of Septage)	0 ¹⁶
Permitted Biosolids Application Sites (3,112 acres active/1,403 acres inactive)	4,515 acres ¹⁶
Soil Remediation Sites (Bioremediation of Petroleum Contaminated Soil)	0 ¹⁶
Solid Waste Facilities (Includes Garbage, Construction Debris, Sludge, etc.)	2 ¹⁶
Dry-Cleaning Solvent Clean-up Act (DSCA) Program Sites	6 ²⁰
Tier II Facilities (Storing Hazardous Materials under SARA ²¹)	34 ¹⁶
Brownfields Sites	4 ²²
Underground Injection Control (UIC) Sites (Wells Not For Waste Injection)	11 ¹⁶
Pesticide Release Sites	0 ²³

¹⁶ NCDENR– DEH Source Water Assessment Program Sept. 2006 ¹⁷ Summer 2008 UST Section Database

¹⁸ August 4, 2008 EPA EnviroFacts Warehouse Web Site ¹⁹ Corroborated by July 11, 2008 NCDENR database

²⁰ July 24, 2008 DSCA Web Site ²¹ Superfund Amendments and Reauthorization Act

²² September 30, 2007 NC Brownfields Web Site ²³ NCDACS Pesticides Division

Sources: NCDENR—Division of Waste Management and Division of Water Quality databases.