

The background features a pattern of green circles of varying shades. A large, semi-transparent globe is centered in the upper half, showing a map of North America. The text is overlaid on this background.

# **N.C. Wastewater Discharge Elimination Program**

**2007 Annual Report to the  
*North Carolina General Assembly***

***Walter T. Haven, P.G.***

# Program Description

- Established pursuant to S.L. 1996-18es2, Section 27.26
- Identify and eliminate discharges from straight pipes and failing septic systems to land surfaces and streams
- Varied funding sources including state appropriations



# Examples





# **Program Accomplishments – 1997 to present**

- Five survey projects conducted within first four years (projects are county or basin wide)
- 17 survey projects conducted since January 2002
  - Approximately 11,336 homes visited
  - 1,335 violations were identified

# **Program Accomplishments – 1997 to present**

- New policy implemented in 2006
  - Allowed WaDE personnel to issue repair permits on behalf of the counties
  - Increased the rate that violations are corrected by 44 percent since 2006.
- Nearly 51 percent of all violations identified since 2002 have been corrected with many repair permits having been issued and awaiting system installation.

# Program Accomplishments – 1997 to present

- Table 1 contains the WaDE Program statistics for January 2002 through September 2007.

Results	
Total Homes Visited	11,336
Completed Surveys	6,945
Violations	1,335*
Repair Violations Corrected	
Repairs Completed	680*

\*These totals include data from the referral program.

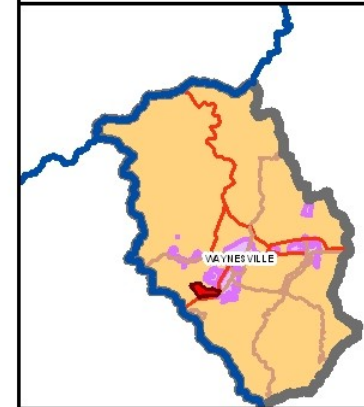
# 2006-2007 Program Overview

- Certified Intern Training (CIT) authorized agents of the state to assist counties with program and permitting.
- Limited to home revisits regarding existing violations
- Haywood Waterways Collaboration to address sedimentation, bank erosion, and bacteria with DEH, DWQ, DOT, Wildlife Resources, EPA, etc.
- Swannanoa River collaborative efforts and septic discharge – in development
- Database and GIS update – tracking and maintenance now in Asheville

# Output of GIS Database

## Hyatt Creek Septic System Survey and Repair Project

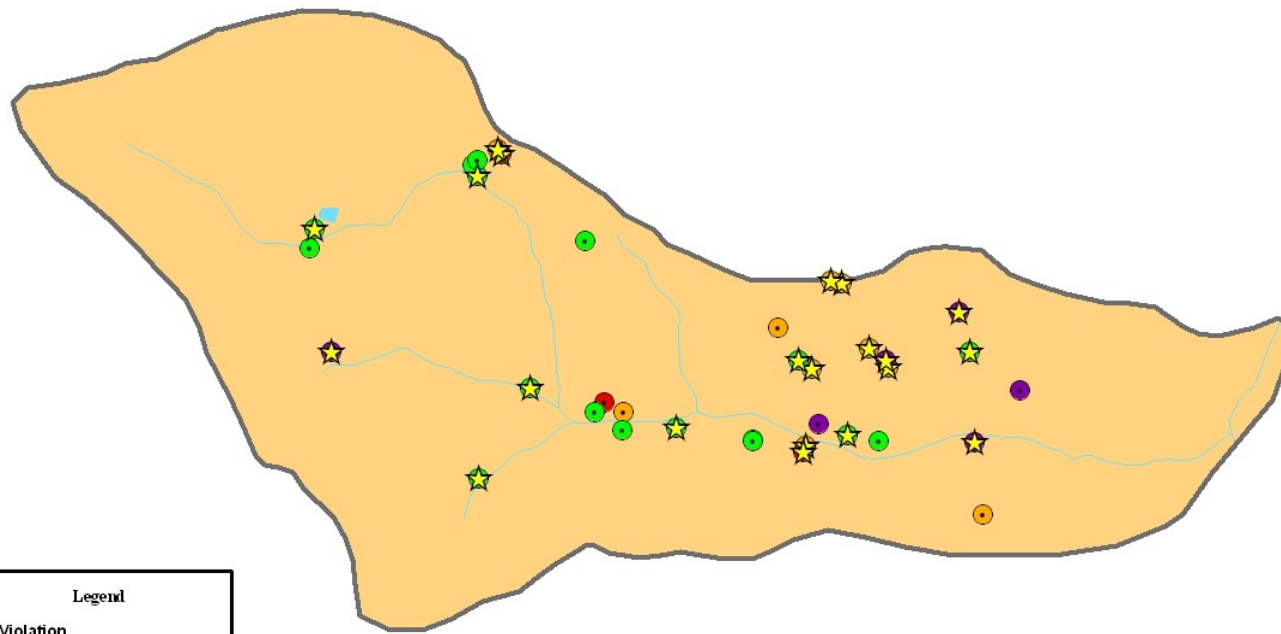
Status as of: 09/06/2007



Project Status	
Total Homes Visited	360
Completed Surveys	191
Wastewater Violations	36
Repairs Completed	25
Pending Permits	3

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Wastewater Discharge Elimination Program



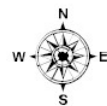
### Legend

#### Violation

- Blackwater Discharge
- Failing System
- Graywater Discharge
- Other

#### Repaired Violation

- ★ ★ ★ ★
- Streams
- Hyatt Creek Watershed



0 3,300 6,600 Feet



# Future Directions

- Permanent staff
- WaDE Program expansion into Catawba County
- Statewide expansion and support
  - Geographical scope
  - Impact of straight-piping – both public health and environmental impacts

# Discussion

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