

20 Years of Stormwater!

March 2026



HILLSBOROUGH
NORTH CAROLINA

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20 Years of Stormwater

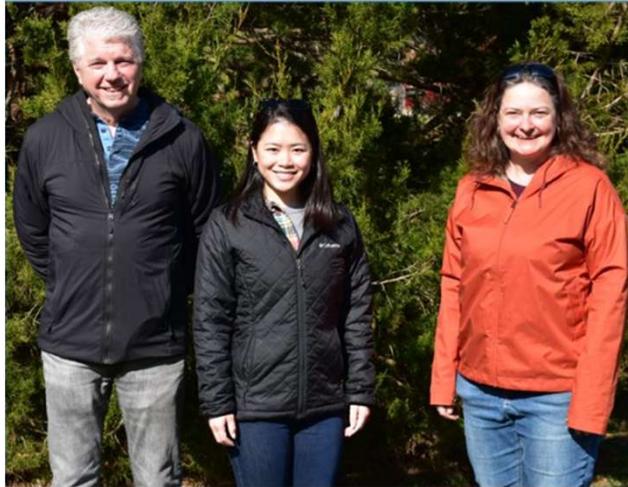
- What has Changed in 20 years?
- Stormwater Program Milestones
- 20 Years of Stormwater Statistics
- Project Highlights



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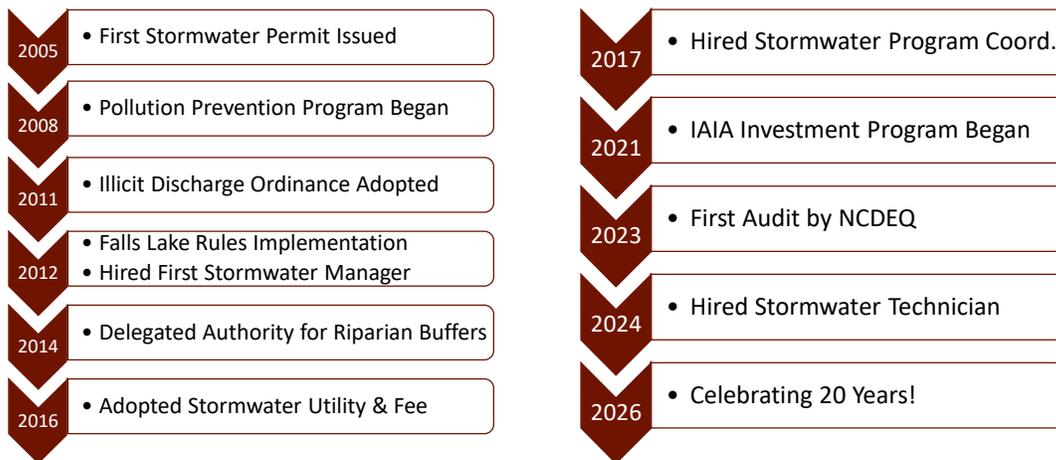
What has Changed?

- Budget
 - \$85,000 in FY2006
 - \$1.1 Million FY2026
- Staff
 - Contract with OC
 - 3 Full Time Staff



*Stormwater & Environmental Division Staff
Terry Hackett, Claire Hansen and Heather Fisher (from left to right)*

Major Milestones



Our Mission

Reduce the amount of stormwater runoff pollution entering the town's Municipal Separate Stormwater Sewer System (MS4)



Protect the water quality of the Eno River

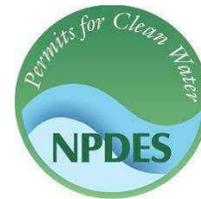


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How Do We Accomplish Our Mission?

Minimum Measures/Program Areas

1. Education and Outreach
2. Public Involvement and Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Runoff Control
6. Pollution Prevention

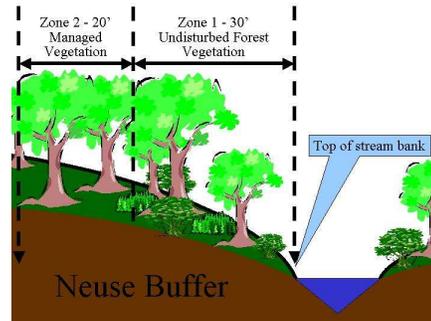


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How Do We Accomplish Our Mission?

Other Program Areas

7. Public Assistance
8. Riparian Buffers
9. Watershed Improvement Projects
10. Environmental Support for other Town Departments/Divisions



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1. Public Education and Outreach

- Number of Citizens

4,627

- Number of Students

11,016



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2. Public Involvement and Participation

- Number Trees/Plants

6,427

- Pounds of Trash

63,492



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3. Illicit Discharge and Elimination

- Dry Weather Inspections

139

- IDDE Incidents Resolved

82



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4. Construction Site Runoff Control

- Land Disturbance Permitted (acres)

996

- Staff Inspections (OC & ToH)

2,477



5. Post-Construction Runoff Control

- Number of SCMs

165

- SCMs Staff Inspections

608



6. Pollution Prevention for Town Facilities

- PP Inspections by Staff

297

- Issues Resolved?:

39



6. Pollution Prevention (Continued)

MS4 Maintenance:

- Catch basins Cleaned
632
- Swales/Ditches Maintained
45,962 linear feet
- Trash/Litter Removed
30,609 pounds
- Debris from Street Sweeping
184,084 pounds



7. Public Assistance

- Requests Completed

215



8. Riparian Buffers

- Surface Water Identifications

90

- Buffer Authorizations:

35



9. Watershed Improvement Projects

- Projects Completed

21

- Benefits Provided:

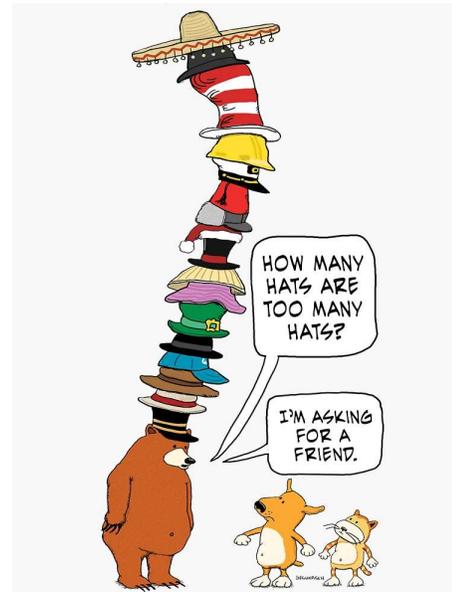
- Reduced Stormwater Runoff Pollution
- Increased Stormwater Infiltration
- Reduced Sedimentation
- Increased Pollinator & Wildlife Habitat
- Climate Resiliency
- Education & Public Involvement



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10. Environmental Support

- Town Sustainability Plan
- Invasive Species Management Support
- Tree Board/Parks and Rec Board Support
- Urban Forestry Support
- Environmental Permitting Support
- Storm/EMS Support
- Inspection of Town Construction Projects
- Wildlife Management Support
- Clean Water Education Partnership
- Eno River Hydrilla Management Task Force
- Upper Nuese River Basin Association
- Piedmont Conservation Council
- Eno River State Park Advisory Committee



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GSI/Watershed Improvement Projects

Recent projects:

- Compost Blanket at Riverwalk
- Riverwalk Bioswale
- DNJ Community Center Rain Garden and Rain Barrels/Cistern
- Odie Street Green Infrastructure and Stream Stabilization



Odie Street Stream Stabilization



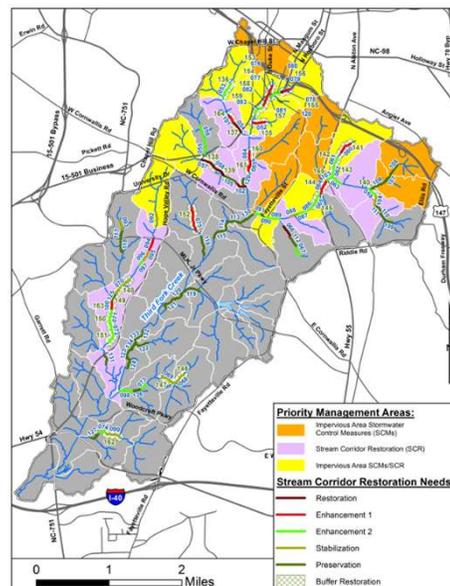
Odie Street Stream Stabilization



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Future Projects

- Eno Mill Dam Removal
- Downtown Parking Compost Blanket
- Stream Restoration Plan



Credit: City of Durham



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Illicit Discharge Incidents

- Circle K Gas Station



Illicit Discharge Incidents

- Warren Wash



Creek Week



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Questions/Discussion



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