



Town of Chapel Hill Stormwater Advisory Board

Fourth Quarter Report
To
Chapel Hill Town Council
September 24, 2007



Accomplishments

○ Public Education

- Enviroscape presentations
- Parks & Recreation Summer Camp curriculum
- UNC Campus Earth Day booth
- Big Sweep award for 2006 activity
- Web Site updates
- Press releases and creek history project completed

Accomplishments (continued)

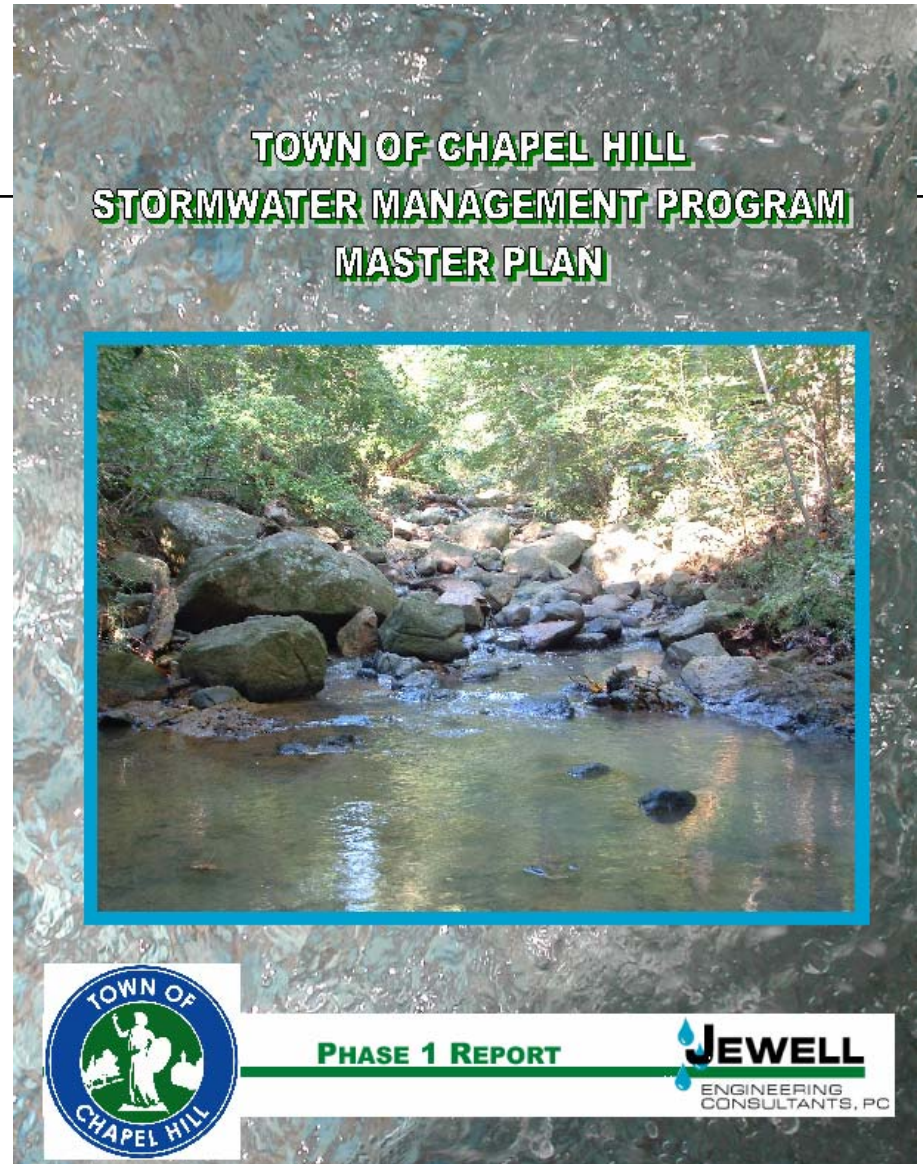
- Stormwater Master Plan
 - 1st year of Master Plan is completed (more later)
 - Phase 2 Scope presented to Board
- Floodplain Management
 - Citizen assistance provided
 - Mapping of Silver Creek neighborhood

Accomplishments (continued)

- Watershed Restoration
 - Postcards sent to Bolin Creek residents
 - Restoration underway
- CIP
 - Contract executed for the Burning Tree Drive project
- Jordan Lake
 - Great comments provided to state on the Jordan Lake TMDL

The Master Plan

Executive Summary
To Council in October





Master Plan

- 1st year focused on defining the type and extent of master plan needed for Chapel Hill
- Recommended a balanced scorecard system for tracking progress when the Master Plan is completed
- Manager's Office, Stormwater Staff and Stormwater Board defined what a successful stormwater management program would look like over the next 10 years to meet Council Charge

Master Plan (continued)

- Need to determine realistic CIP and DAP funding levels
- A preliminary CIP prioritization rating system was developed
- Proposed Jordan Lake rule changes could be very significant –
Estimates range to \$46 million over 30 years for non-point sources

Master Plan (continued)

- Stakeholder participation
 - 793 citizens responded with average residence time of almost 11.5 years
 - 25 External organizations responded
- General Findings from stakeholders (composite)
 - Develop Master plan
 - Ensure compliance with regulatory mandates
 - Address stormwater quality
 - Protect and restore natural stream corridors

Master Plan (continued)

- Ratings of Existing Stormwater Program Components (best to worst)
 - Storm water management requirements for development
 - Support for program from Town Management
 - Volunteer involvement
 - Public awareness and acceptance of the stormwater fee
 - Stormwater CIP



Next Steps - Major focus of 2007-08 Work

- Look at impact of regulatory requirements
- Finalize CIP prioritization model and develop cost estimates for rated projects
- Develop a revised Drainage Assistance Program
- Recommendations for stormwater BMPs
- Prepare financial pro-forma for 5-yr stormwater program
- Prioritize sub-watershed evaluations
- Select a representative sub-watershed to begin detailed analysis and develop Master plan for that sub-watershed
- Hold a public Master Planning Workshop
- Hold workshops with Stormwater Board and Staff



QUESTIONS?