



The Town *of* Davidson

College Town. Lake Town. *Your Town.*

STORM WATER FUNDING



College Town. Lake Town. *Your Town.*

Storm Water Funding
Doug Wright, Public Works Dept
May 9, 2017

Definitions

- *Storm water: The drainage of water that falls from the sky.* Our storm drainage system uses one set of pipes. Excess rainwater flows into storm drains, then is piped directly into creeks. The water is not treated. The system was designed to quickly remove rainwater from streets, parking lots and other surfaces.



What the Town Does

- Maintain Minor System
 - By Interlocal Agreement, the minor system of the storm water system is defined as ditches, swales, pipes, etc. that drain less than 1 square mile and is the responsibility of the Town of Davidson inside their Town Limits. The revenue generated from the minor system component of the storm water fee charged within the Town is returned to the Town to fund the storm water management programs.



What the Town Does

- Inspect drainage or flooding problems on public and private property that are qualifying problems
- Work to resolve or reduce flooding problems.
- Remove fallen trees and large debris from creeks
- Clean storm drain pipes, catch basins and culverts
- **Repair or replace broken storm drainage pipes**
- Control severe creek bank erosion
- **Repair sinkholes that occur over a drainage pipe system**
- Manage water quality structures (rain gardens, detention ponds, etc)



What the Town Does



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Rain Gardens & Detention Ponds

- Lake Davidson Park
- Magnolia & Beaty
- Davidson Bay
- Central Park Circle



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What the County Does

- Maintains Major System
- Phase 2 Storm Water Permit
 - Public Education & Outreach
 - Public Involvement & Participation
 - Illicit Discharge Detection/Elimination
 - Construction Site Runoff Control
 - Post Construction Site Controls
 - Pollution Prevention/Housekeeping



How Funds Are Collected

- Storm Water Fee is set by the Town of Davidson, and collected by Mecklenburg County
- Residents are billed bi-annually on their Water and Sewer bills
- Funds collected are re-dispersed to the Town



How Fee is Assessed

- During a rainstorm, the house on the right sends four times more rainwater into the storm system than the house on the left. Previously, both property owners paid the same monthly storm water charge



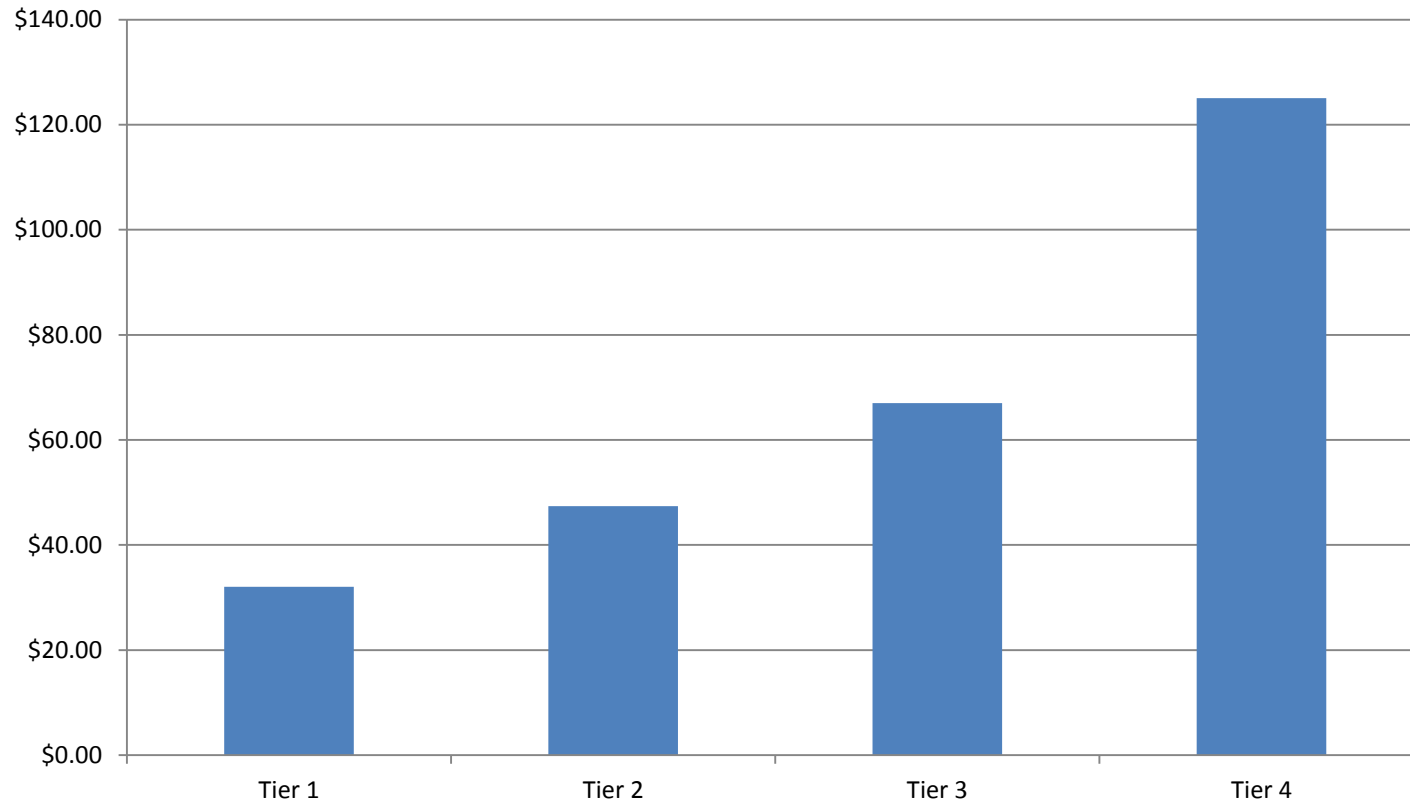
How Fee is Assessed

Tier sizes:

- Tier I: 0 to 1,999 square feet of impervious surface
- Tier II: 2,000 to 2,999 square feet of impervious surface
- Tier III: 3,000 to 4,999 square feet of impervious surface
- Tier IV: 5,000 or more square feet of impervious surface



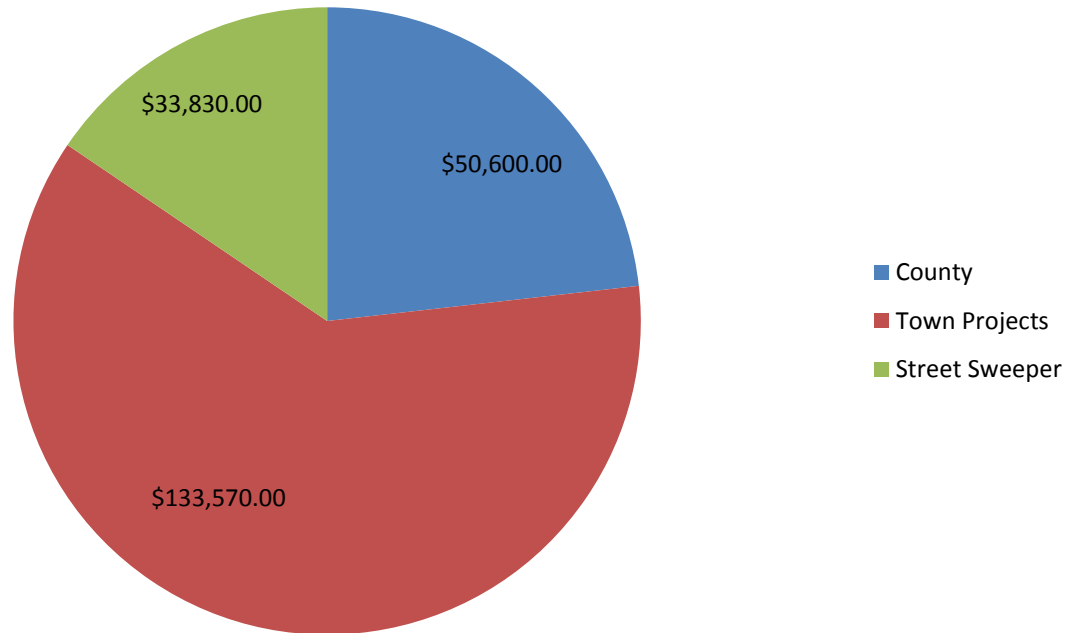
Annual Fee Per Household



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Storm Water Annual Expenditures



Questions?



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