

Implementation of a Stormwater Enterprise to Fund MS4 Permit Compliance & Municipal Stormwater Needs



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What is an MS4?

Municipal Separate Storm Sewer System (MS4)

All man-made stormwater collection and conveyance infrastructure owned by the municipality.

Drain Pipes
Drain Manholes
Catch Basins
Outfalls
Culverts
Man-made Channels / Swales
Infiltration / Detention / Retention Basins
Treatment Structures



Permit Compliance & Other Stormwater Needs

- Drainage System: 34 miles of pipe, 1,583 catch basins, 437 storm drain manholes, 281 municipal outfalls & 130 culverts
- MS4 Permit Intent: Develop, implement, and enforce a stormwater management program to reduce the discharge of pollutants from the MS4, protect water quality, and satisfy the Clean Water Act.
- Fines for Non-Compliance: \$5,000 to \$50,000 per day
- Competing Stormwater Needs: MS4 Permit compliance, Reducing localized flooding, Managing increased frequency of extreme storm events, Identifying and rehabilitating failing drainage infrastructure, and Predictive maintenance.



Estimated Budgetary Needs

	FY25	FY26	FY27	FY28	FY29
New Expenses - DIRECT					
MS4 Permit Compliance	\$152,000	\$160,000	\$168,000	\$176,000	\$185,000
Catch Basin Cleanings/ Street Sweepings Disposal	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
New Street Sweeper (5-yr loan)	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000
Treatment Structure Maintenance	\$50,000	\$50,000	\$50,000	\$25,000	\$25,000
Inspection/Mapping Updates	\$50,000	\$50,000	\$50,000	\$0	\$0
Drain Replacement/Repairs	\$0	\$150,000	\$150,000	\$0	\$150,000
NEW DIRECT TOTAL	\$457,000	\$615,000	\$623,000	\$406,000	\$565,000
New Expenses - INDIRECT					
MS4 Loan Service	\$108,110	\$106,518	\$106,542	\$106,565	\$106,589
NEW INDIRECT TOTAL	\$108,110	\$106,518	\$106,542	\$106,565	\$106,589
Existing Expenses - DIRECT					
Culverts	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Country Drainage Projects	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Frame/Cover Replacement	\$25,000	\$0	\$25,000	\$0	\$25,000
Other Infrastructure Maintenance	\$35,000	\$50,000	\$50,000	\$25,000	\$25,000
EXISTING DIRECT TOTAL	\$110,000	\$100,000	\$125,000	\$100,000	\$100,000
Total Budget	\$675,110	\$821,518	\$854,542	\$612,565	\$771,589

What is a Stormwater Enterprise Fund?

- Payment for stormwater management, operation, and maintenance provided by the Town.
- Fees collected from property owners based on a property's impact on the storm drain system **in addition** to usage of roadways and sidewalks.
- Flat and/or Individual Fees based on a common unit.
 - An Equivalent Residential Unit (ERU) is the amount of impervious area on a typical single-family residential property.
 - Groups (or Blocks) of billing rates
- Rates based on actual costs for stormwater management.

Impervious Area:

- Roadways
- Rooftops
- Sidewalks
- Parking Lots
- Driveways

Parcel Type and Total Impervious Area

Parcels categorized into two groups

1. Small Residential: 1 to 4-family homes
2. Large Residential/Non-Residential: 5+ family homes, commercial, industrial, tax-exempt properties

Parcel Type	Number of Parcels	Percent of Parcels	Impervious Area (SF)	Percent of Impervious Area
Small Residential	4,145	88%	18,794,721	55%
Large Residential/ Non-Residential	554	12%	15,462,414	45%
TOTAL	4,699	100%	34,257,135	100%

Proposed Stormwater Fee Structure

Parcel Type	ERU Range	No. of Parcels	Total ERUs	Block Coefficient	ERU Rate	Flat Rate	Fees Collected
Small Residential							
Single Family Residential	-	3,643	-	-	-	\$105.00	\$382,515
Two-Family Residential	-	335	-	-	-	\$105.00	\$35,175
Three-Family Residential	-	84	-	-	-	\$105.00	\$8,820
Four-Family	-	30	-	-	-	\$105.00	\$3,150
Multiple Houses	-	38	-	-	-	\$105.00	\$3,990
Accessory Land	-	15	-	-	-	\$105.00	\$1,575
Total Revenue Collected (Small Residential):							\$435,225
Large Residential/Non-Residential							
Block 1	≤ 10 ERUs	481	729	1	\$105.00	-	\$97,412
Block 2	10 < ERUs ≤ 50	65	1,459	0.9	\$94.50	-	\$137,894
Block 3	50 < ERUs ≤ 100	4	252	0.8	\$84.00	-	\$21,192
Block 4	100 < ERUs ≤ 500	3	409	0.7	\$73.50	-	\$30,047
Block 5	> 500 ERUs	1	561	0.6	\$63.00	-	\$35,326
Total Revenue Collected (Non-Residential/Other Residential):							\$321,870
Total Revenue Collected:							\$757,095

*ERU = Equivalent Residential Unit = 4,534 ft²

General Fund vs. Stormwater Enterprise Fund

Property Type	Valuation	Impervious Area (ft ²)	Fund Stormwater Budget Via Property Taxes	Fund Stormwater Budget Via Stormwater Fee
Small Residential A	\$350,000	-	\$103	\$105
Small Residential B	\$440,000	-	\$129	\$105
Small Residential C	\$530,000	-	\$155	\$105
Commercial A	\$2,442,100	87,857	\$715	\$1,831
Commercial B	\$109,283,500	2,542,495	\$32,008	\$35,326
Tax Exempt	\$12,576,000	168,971	\$0	\$3,522

How will the Stormwater Enterprise Operate?

- Stormwater Commission to Be Established
 - Comprised of Members from the Public
 - Reviews/Approves Stormwater Budget with DPW
 - Review and Prioritization of Critical Projects
 - Tasked with Rate Setting/Fee Structure Oversight
 - Oversees Credits/Abatements

thank you

Weston & SampsonSM