

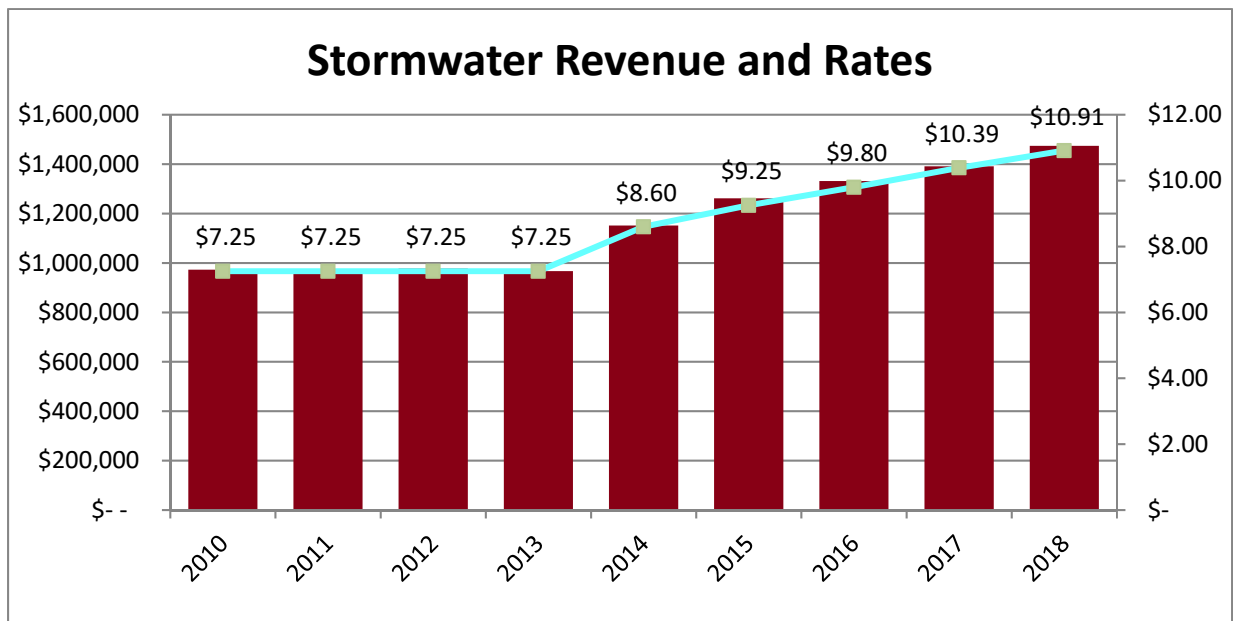


CITY OF MAITLAND, FLORIDA
STORMWATER ENVIRONMENTAL
UTILITY FUND



FY 2018 BUDGET

The Stormwater Environmental Utility Special Revenue Fund (“Fund”) was created on August 25, 2008, with the passage of Ordinance No. 1168. Per the Ordinance, City Council must annually adopt a budget not later than the first day of each fiscal year (October 1st). Additionally, on or before September 15th of each year, the City Council must adopt a rate resolution establishing the stormwater fee for one equivalent residential unit (“ERU”). The stormwater fee cannot be more than the amount determined by dividing the budgeted cost for the City’s stormwater environmental services for planning, administration, construction, capital improvements, operations and maintenance, extension and replacement, and debt service, by the sum of the ERU values of all the developed parcels in the City. The total budgeted costs of \$1,712,000 plus unreimbursed administrative expenses of \$138,500 totals \$1,865,500 in eligible expenditures for FY 2018. This number is divided by the sum of ERU values of all developed parcels (11,262 net ERU’s) to establish a maximum ERU of \$13.69 per month for FY 2018. The graph and table below show the history of environmental stormwater fee since inception in FY 2009.



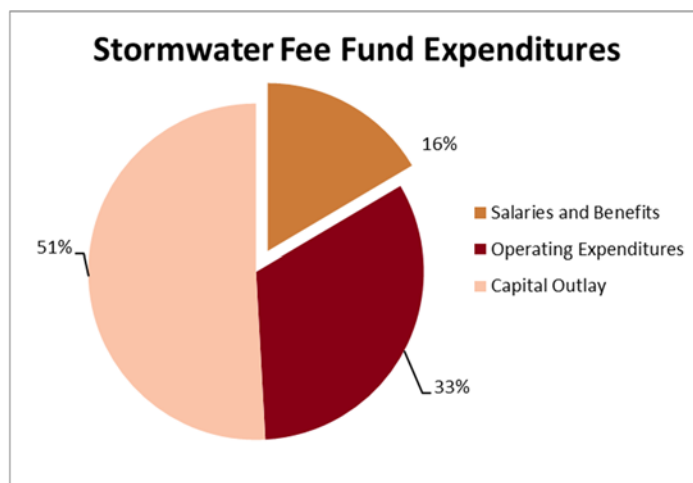
The FY 2018 budget has been created with an ERU of \$10.91, with a plan to increase the rate 5% in each of the next two fiscal years as outlined in the Stormwater Rate Study completed earlier this year. The 5% increase will generate an approximate \$70K more in environmental stormwater fees for FY 2018. The FY 2018 budget maintains General Fund

support in the form of allocated administrative direct expenses (valued at \$228K). Starting with the FY 2014 budget, the Stormwater Fund began reimbursing \$90K of those expenses to the General Fund (included in operating expenditures on the budget summary). Allocated administrative charges are the pro-rated charges for general City government services as in effect for other City utility funds and allowable under Ordinance 1168.

Below is a summary of the FY 2018 budget, which as submitted transfers \$180K to fund balance.

FY 2018 RECOMMENDED BUDGET	
Sources	
Environmental Stormwater Fee	\$ 1,474,000
Licenses and Permits	500
Investment Income	17,100
Grant Revenue	400,000
Transfer From/(To) Fund Balance	(179,600)
Total Sources	\$ 1,712,000
Uses	
Salaries and Benefits	\$ 282,500
Operating Expenditures	558,300
Vehicles/Operating Capital	71,200
Capital Outlay (CIP)	800,000
Recommendations	-
Total Uses	\$ 1,712,000

Personnel assumptions for the General Fund apply to the Stormwater Fund. Staffing levels are maintained at the FY 2017 level (four full-time positions), which includes the second Environmental Technician added to the staffing table in October 2008. Operating expenditures include: chemicals, drainage repair and maintenance, contracted street sweeping, solid waste disposal, lab and professional fees for water quality monitoring, aquatic weed control, fuel and power costs, and equipment repair and maintenance. Beginning in FY 2016, \$200K annually has been included in repair and maintenance for drainage improvement projects. There are no budget recommendations for FY 2018. Capital outlay detail and estimated costs for the FY 2018 – 2022 CIP are located in the Capital Outlay section.



The actual FY 2016, projected FY 2017 budget, recommended FY 2018 budget, and four plan years (FY 2019 through FY 2022) are outlined below.

Fund 32 -- Stormwater Environmental Utility Fund							
ERU per Month	\$9.80	\$10.39	\$10.91	\$11.46	\$12.03	\$12.03	\$12.03
Fiscal Year	Actual 16	Projected 17	Budget 18	Plan 19	Plan 20	Plan 21	Plan 22
SOURCES							
Starting Balance	\$ 2,313,384	\$ 1,697,488	\$ 706,885	\$ 886,485	\$ 1,167,905	\$ 1,325,415	\$ 1,229,550
Stormwater Fees	1,331,111	1,391,000	1,474,000	1,548,000	1,625,000	1,706,000	1,791,000
Licenses and Permits	100	500	500	500	500	500	500
Grant Revenue	217,558	-	400,000	-	-	-	-
Investment Income	9,029	7,600	17,100	17,100	17,100	17,100	17,100
Miscellaneous Revenue	114,144	-	-	-	-	-	-
Total Sources:	\$ 3,985,326	\$ 3,096,588	\$ 2,598,485	\$ 2,452,085	\$ 2,810,505	\$ 3,049,015	\$ 3,038,150
USES							
Salaries and Benefits	260,642	291,000	282,500	293,040	302,810	312,365	324,020
Operating Expenditures*	520,736	631,753	558,300	558,940	610,280	559,700	412,400
Vehicle/Operating Capital	298,748	34,450	71,200	32,200	22,000	347,400	2,000
Capital Outlay (CIP)	1,207,712	594,926	800,000	400,000	550,000	600,000	200,000
Carried Forward CIP	-	837,575	-	-	-	-	-
Recommendations	-	-	-	-	-	-	-
Total Uses:	\$ 2,287,838	\$ 2,389,704	\$ 1,712,000	\$ 1,284,180	\$ 1,485,090	\$ 1,819,465	\$ 938,420

As of October 1, 2016, the Fund carried forward \$1.7 million of funding which included \$1 million for encumbered and unencumbered CIP projects from FY 2016 and prior and undesignated fund balance of \$733 thousand.

Capital Outlay

Currently, there is \$1.4 million budgeted for CIP projects from FY 2017 and prior years. Year to date, \$187 thousand is encumbered or expended. It is anticipated that \$1.3 million will be carried forward or returned to undesignated fund balance and available for future appropriations.

Funding Source	Project Name	Amount	Expended/ Encumbered	Carryforward
FY 12 & 13	Grove Street @ Park Lake	232,270	14,648	217,622
FY 15	Downtown Stormwater	40,323	40,323	-
FY 16 & 17	Tomahawk & Mohawk Rehab	439,386	32,573	406,813
FY 15 & 17	Lake Nina Baffle Boxes	570,522	25,320	545,202
FY 17	Lake Minnehaha Dredging and Sump	150,000	74,443	75,557
	Stormwater Fund Total	\$ 1,432,501	\$ 187,307	\$ 1,245,194

Stormwater/Lakes Management Capital Improvements Program FY 2018 - FY 2022

The Fund's CIP includes the repair of existing, or the construction of new, stormwater drainage and treatment facilities (retention ponds, wetlands, underground systems, etc.) to further arrest the degradation of the City's lake water quality. It also includes recommended Best Management Practices (BMP) and the continuation of the street sweeping program. Below is an outline of the planned projects and level of service impacts of the projects outlined in the CIP draft (references to the Stormwater/Lakes Master Plan are indicated by "SLMP" and the appropriate section and page number).

FY 2018

- Monroe Avenue Ditch Enclosure (Gem Lake) - The deep ditch from Monroe Ave to Lake Gem will be filled in. Stormwater will be conveyed by two large pipes through two Nutrient Separating Baffle Boxes (NSBB) to treat the stormwater runoff entering Gem Lake. This is a cooperative project with Sydgan Development Corporation. There is an expected DEP Grant associated with this project.
- Stormwater System Improvements - this is an ongoing annual budget item to repair, replace or reline existing stormwater infrastructure that has exceeded its normal life span.

FY 2019

- Park Lake Stormwater Facility (Park Lake) - Create a retention pond along Lake Avenue to treat stormwater runoff entering Park Lake. This is a cooperative project with Orange County.
- Grove Street Stormwater Improvements (Park Lake) - Install a Nutrient Separating Baffle Box (NSBB) in the stormwater system at Grove Street and Waverly Ln to treat the stormwater runoff entering Park Lake.
- Lake Lily NSBB Retro-fit (Lake Lily) - Reconstruct the existing Nutrient Separating Baffle Box (NSBB) structure in the southeast corner of the park to allow for maintenance and install a viewing structure for public education.
- Stormwater System Improvements - this is an ongoing annual budget item to repair, replace or reline existing stormwater infrastructure that has exceeded its normal life span.

FY 2020

- Grove Street Stormwater Improvements (Park Lake) - Install a Nutrient Separating Baffle Box (NSBB) in the stormwater system at the west end of Town Circle off Grove St. to treat the stormwater runoff entering Park Lake.
- Grove Street Stormwater Improvements (Park Lake) - Rehabilitate existing retention pond east of Park Lake Circle to improve the effectiveness of treating the stormwater runoff entering Park Lake.
- Cheyenne Trail Nutrient Separating Baffle Box (NSBB) (Lake Minnehaha) - Install a Nutrient Separating Baffle Box (NSBB) in the stormwater system at Cheyenne Trail and Dommerich Drive to treat the stormwater runoff entering the Lake Minnehaha.

- Stormwater System Improvements - this is an ongoing annual budget item to repair, replace or reline existing stormwater infrastructure that has exceeded its normal life span.
- Stormwater Lake Management Plan Update - A five year update of the SLMP will be conducted to revise project determination/prioritization and stormwater infrastructure inventory and status.

FY 2021

- Sediment Sump Inlets (Lake Maitland & Lake Minnehaha) – Reconstruct existing stormwater inlet structures within smaller drainage systems to install a sediment sump to capture sand and debris from stormwater runoff before entering the lakes.
- Gamewell Avenue Drainage Improvements (Lake Minnehaha) - A drainage system will be installed along north and south Gamewell avenue to reduce flooding of private property along the road.
- Stormwater System Improvements – this is an ongoing annual budget item to repair, replace or reline existing stormwater infrastructure that has exceeded its normal life span.

FY 2022

- Sediment Sump Inlets (Lake Maitland & Lake Minnehaha) – Reconstruct existing stormwater inlet structures within smaller drainage systems to install a sediment sump to capture sand and debris from stormwater runoff before entering the lakes.
- Stormwater System Improvements – this is an ongoing annual budget item to repair, replace or reline existing stormwater infrastructure that has exceeded its normal life span.

2018

**PROPOSED STORMWATER IMPROVEMENTS
FISCAL YEAR 2018 THROUGH FISCAL YEAR 2022**

BASIN	DESCRIPTION	SEQUENCE	LOS	BMP	TOTAL (\$)
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FISCAL YEAR 2018

GE1, GE3, GE92	Gem Lake-Monroe Avenue Enclosure	Year 1 of 1	(SLMP 6-21)	Baffle Boxes	800,000
	Stormwater System Improvements	Year 3 of 10	To Maintain Existing LOS	System Improvements	200,000
	O&M	On-going			1,000
	TOTAL				\$ 1,001,000

FISCAL YEAR 2019

PA2	Park Lake-Stormwater Facility	Year 1 of 1	TBD	Retention Pond	100,000
PA7, PA8, PA9	Park Lake-Grove Street Stormwater Improvements	Year 1 of 2	25% P Reduction	Baffle Box	200,000
LJ3	Lake Lily-NSBB Retro-fit	Year 1 of 1	To improve LOS	fit	100,000
	Stormwater System Improvements	Year 4 of 10	To Maintain Existing LOS	System Improvements	200,000
	O&M	On-going			1,000
	TOTAL				\$ 601,000

FISCAL YEAR 2020

PA10	Park Lake-Grove Street Stormwater Improvements	Year 2 of 2	25% P Reduction	Baffle Box	200,000
PA1	Park Lake-Grove Street Stormwater Improvements	Year 2 of 2	25% P Reduction	Retention Pond Rehabilitation	150,000
MI13	Lake Minnehaha-Cheyenne Trail NSBB	Year 1 of 1	25% P Reduction	Baffle Box	200,000
	SLMP Update	Year 1 of 1		Master Plan	50,000
	Stormwater System Improvements	Year 5 of 10	To Maintain Existing LOS	System Improvements	200,000
	O&M	On-going			1,000
	TOTAL				\$ 801,000

FISCAL YEAR 2021

MA2, MA3, MA4, MA5, MA11, MA12	Lake Maitland Sediment Sump/Inlets	1 of 2	25% P Reduction	Inlet Sumps	200,000
MI21	Lake Minnehaha-Gamewell Ave Drainage Improvements	Year 1 of 1	TBD	Drainage Improvements	400,000
	Stormwater System Improvements	Year 6 of 10	To Maintain Existing LOS	System Improvements	200,000
	O&M	On-going			1,000
	TOTAL				\$ 801,000

FISCAL YEAR 2022

MA2, MA3, MA4, MA5, MA11, MA12	Lake Maitland Sediment Sump/Inlets	2 of 2	25% P Reduction	Inlet Sumps	200,000
	Stormwater System Improvements	Year 7 of 10	To Maintain Existing LOS	System Improvements	200,000
	O&M				1,000
	TOTAL				\$ 401,000

GRAND TOTAL	\$3,605,000
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