

# STORM WATER FUND

## Description and Mission

The Storm Water Fund is not technically an enterprise fund; however, it is closely associated with the Combined Utility System Fund, so it is grouped with the enterprise funds for clarity. The Combined Utility System transfers funds to support storm water drainage operation and maintenance activities.

The Department's mission is to inspect, plan and prioritize the City's storm water infrastructure needs as the system is currently configured, to deliver the best possible maintenance in a timely and cost-effective manner, and to maintain the storm water flow free of debris and foreign objects.

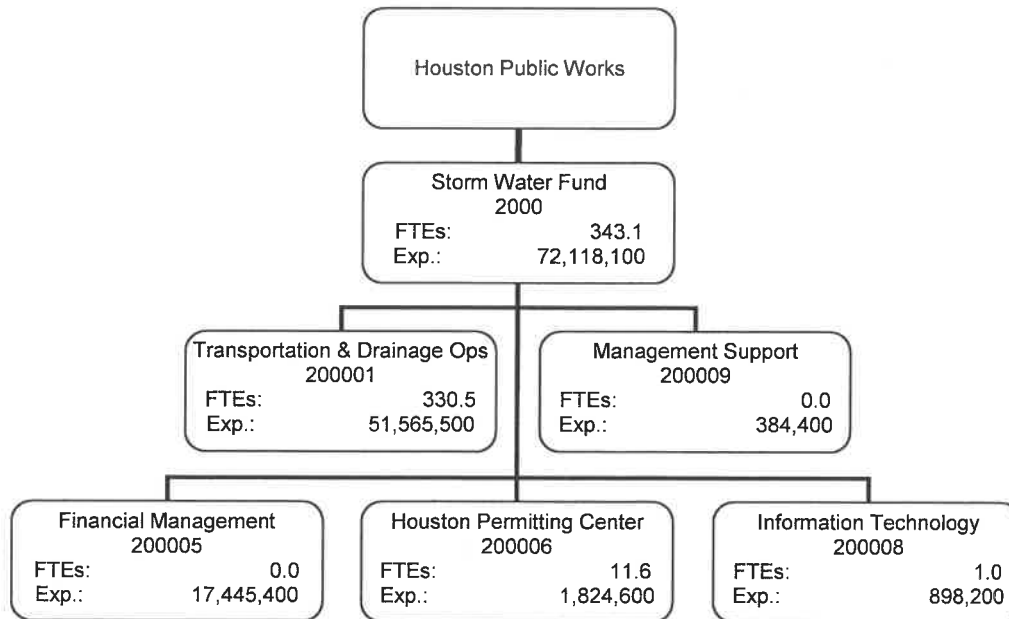
### Department Short Term Goals

- Achieve the Transportation & Drainage Operations (Storm Water Maintenance Branch) annual performance targets and be responsive to 311 requests from the citizens.
- Continue transitioning from a reactive approach (fail and fix) to a proactive approach (condition based) by focusing on preventive maintenance to more effectively prevent the risk of flooding.
- Continue to support the Mayor's Storm Water Action Team (SWAT) Initiative.

### Department Long Term Goals

- Increase productivity and reduce costs with improved technology, equipment and work procedures.
- Maintain an efficient and effective asset management program to support storm water operations.
- Reduce storm sewer pollution and environmental concerns.

## Department Organization



**FISCAL YEAR 2020 BUDGET**

**Fund Summary**

**Fund Name** : **Storm Water**  
**Business Area** : **Houston Public Works**  
**Fund No./Bus. Area No.** : **2302 / 2000**

	<u>FY2019</u> <u>Current Budget</u>	<u>FY2019</u> <u>Estimate</u>	<u>FY2020</u> <u>Budget</u>
Beginning Fund Balance	7,228,500	7,228,500	<b>6,598,530</b>
Current Revenues	61,076,585	61,112,196	<b>66,019,570</b>
Total Available Resources	<u>68,305,085</u>	<u>68,340,696</u>	<b>72,618,100</b>
Maintenance and Operations	50,901,700	44,827,666	<b>54,958,900</b>
Debt Services	16,914,500	16,914,500	<b>17,159,200</b>
Total Expenditures	<u>67,816,200</u>	<u>61,742,166</u>	<b>72,118,100</b>
Planned Ending Fund Balance	<u>488,885</u>	<u>6,598,530</u>	<b>500,000</b>
Total Budget	<u><u>68,305,085</u></u>	<u><u>68,340,696</u></u>	<b><u>72,618,100</u></b>
 <u>Fund Balance Distribution</u>			
Non-Spendable	0	0	<b>0</b>
Restricted	488,885	6,598,530	<b>500,000</b>
Committed	0	0	<b>0</b>
Assigned	0	0	<b>0</b>
Unassigned	0	0	<b>0</b>

The above summarizes the FY2019 Budget, the FY2019 Estimate and the FY2020 Budget for the Storm Water Fund. Also included are the beginning and ending fund balances, total revenues and total expenditures.

In FY2020, \$55.0 million is expected to be spent for the maintenance of rights-of-way and drainage infrastructure such as storm sewers and roadside ditches (\$50.3 million), the Texas Pollutant Discharge Elimination System (TPDES) permit (\$1.8 million), and the Storm Water Action Team (SWAT) Program Initiative (\$2.9 million). In addition, \$17.2 million is included in debt service, consisting of \$15.2 million in principal and interest on the drainage debt, approximately \$908,000 in pension obligation bonds, and approximately \$1.0 million for the Texas Water Development Board loan.



**FISCAL YEAR 2020 BUDGET**

**Business Area Budget Summary**

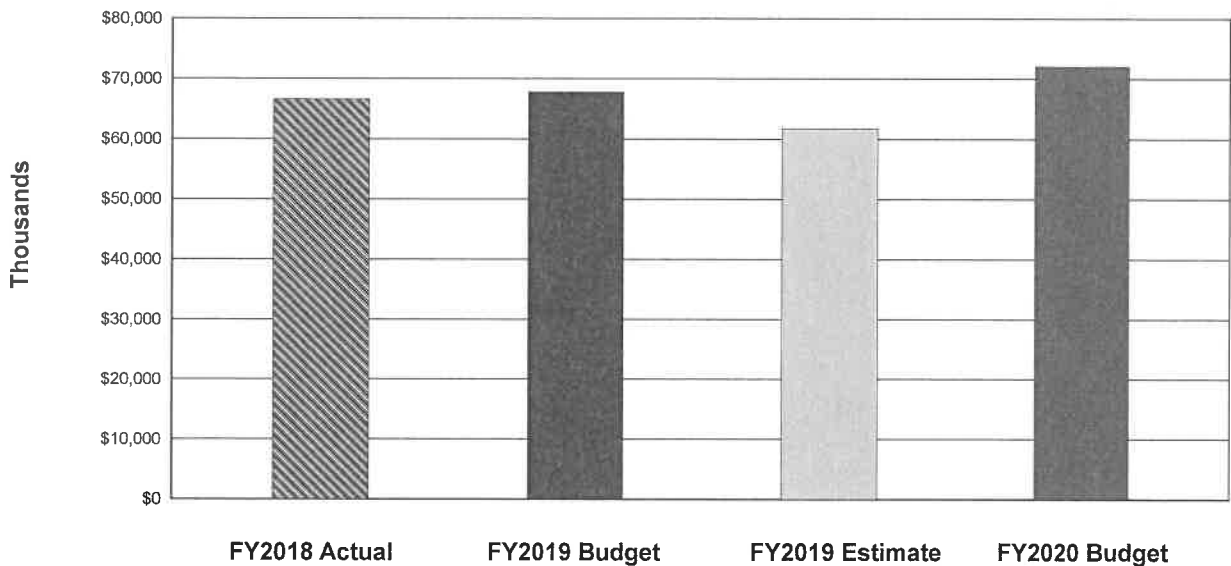
**Fund Name** : Storm Water  
**Business Area** : Houston Public Works  
**Fund No. /Bus. Area No.** : 2302 / 2000

		FY2018 Actual	FY2019 Current Budget	FY2019 Estimate	FY2020 Budget
Expenditures	Personnel Services	28,285,898	24,298,900	22,316,320	25,087,100
	Supplies	1,136,598	1,511,900	1,342,500	1,825,400
	Other Services and Charges	19,069,048	17,671,600	17,622,400	18,867,000
	Equipment	1,184,767	7,341,400	3,468,546	9,085,700
	Non-Capital Equipment	40,629	77,900	77,900	93,700
	Total M & O Expenditures	49,716,940	50,901,700	44,827,666	54,958,900
	Debt Service & Other Uses	16,852,561	16,914,500	16,914,500	17,159,200
Total Expenditure	66,569,501	67,816,200	61,742,166	72,118,100	
Revenues		61,809,410	61,076,585	61,112,196	66,019,570
Staffing	Full-Time Equivalents - Civilian	330.6	349.6	312.5	343.1
	Full-Time Equivalents - Classified	0.0	0.0	0.0	0.0
	Full-Time Equivalents - Cadets	0.0	0.0	0.0	0.0
	Total	330.6	349.6	312.5	343.1
	Full-Time Equivalents - Overtime	31.2	17.9	15.6	16.5

**Significant Budget Changes and Highlights**

- o The FY2020 Budget provides funding for health benefits, pension contribution, and municipal employees contractual pay increases.
- o Includes \$2.5 million funding for continuation of SWAT Program Initiative.
- o Includes \$5.8 million funding for prior year capital equipment rollovers.
- o Includes funding to maintain the City's TPDES Storm Water Permit.
- o Provides for the de-silting, re-grading and establishment of proper elevation in roadside ditches.
- o Provides for the inspection, repair and maintenance of damaged inlets, manholes and storm sewers.
- o Provides for the maintenance, mowing and de-silting of off-road and esplanade ditches, drainage easements, mowing and herbicide application in the City's right-of-way.
- o Provides for the sweeping of the City's downtown streets and major thoroughfares.

**Storm Water  
Houston Public Works  
Expenditure Summary**



**FISCAL YEAR 2020 BUDGET**

<b>Business Area Performance Measures</b>				
<b>Fund Name : Storm Water</b> <b>Business Area : Houston Public Works</b> <b>Fund No. /Bus. Area No. : 2302 / 2000</b>				
<b>Performance Measures</b>	<b>FY2018 Actual</b>	<b>FY2019 Target</b>	<b>FY2019 Estimate</b>	<b>FY2020 Target</b>
Drainage System Issues Inspected/Maintained within 30 Days of 311 Complaints	77%	90%	90%	90%
Gutters Swept (curb miles)	27,000	20,500	23,000	20,500
Major Off-Road Channel Inspections (miles)	188	140	140	140
Major Off-Road Channel Maintenance (acres)	44	30	40	30
Roadside Ditches De-Silted/Regraded (miles)	113	200	120	200
Roadside Ditches Inspected (miles)	536	500	500	500
Storm Lines Cleaned - Internal and Contract (miles)	62	65	65	50
Storm Sewer Lines/Leads/Inlets/Manholes Inspected (miles)	508	390	493	390
Street Mowing (1 cycle per year)	100%	100%	100%	100%
Systems Availability - Distributed Servers	99.9%	99.9%	99.9%	99.9%
Systems Availability - Virtual Servers	99.9%	99.9%	99.9%	99.9%
TPDES (MS4) Water Quality Inspections	722	700	1,000	1,000
Expenditures Adopted Budget vs Actual Utilization	104%	98%	91%	98%
Revenues Adopted Budget vs Actual Utilization	106%	100%	100%	100%

**FISCAL YEAR 2020 BUDGET**

<b>Division Summary</b>							
<b>Fund Name : Storm Water</b>							
<b>Business Area : Houston Public Works</b>							
<b>Fund No. /Bus Area No. : 2302 / 2000</b>							
<b>Division Description</b>	<b>FY2018 Actual</b>		<b>FY2019 Estimate</b>		<b>FY2020 Budget</b>		
	<b>FTEs</b>	<b>Costs \$</b>	<b>FTEs</b>	<b>Costs \$</b>	<b>FTEs</b>	<b>Costs \$</b>	
<b>Transportation &amp; Drainage Operations 200001</b> Inspects, cleans, and repairs current storm sewer infrastructure. Inspects, re-grades and desilts roadside ditches, flushes culverts, and replaces culverts not set to the proper flowline in selected preventive maintenance areas. Inspects, re-grades and desilts, repairs minor erosion, and mows off-road ditches and detention ponds. Funding includes \$2.9 million for the SWAT Program Initiative.	325.6	49,893,731	311.5	43,672,360	330.5	51,565,500	
<b>Financial Management Services 200005</b> Manages payment of the principal and interest on storm water debt and pension obligation bond debt.	0.0	15,865,211	0.0	16,914,500	0.0	17,445,400	
<b>Houston Permitting Center 200006</b> Maintains and administers the City's Texas Pollution Discharge Elimination System (TPDES) Stormwater Permit related to Industrial activity and Stormwater Quality, and high-risk runoff, sampling and monitoring of stormwater outfalls, illicit discharges, first responders to 311, discarded chemicals and hazardous and non-hazardous spills. In FY2020, Stormwater Quality Enforcement cost center moved from Transportation & Drainage Operations.	0.0	0	0.0	0	11.6	1,824,600	
<b>Information Technology 200008</b> Provides the highest quality technology-based services in the most effective and cost-effective manner to facilitate the HPW departmental mission as it applies to planning, operation, maintenance, construction management, and technical engineering of the City's public infrastructure.	1.0	402,414	1.0	814,406	1.0	898,200	
<b>Management Support Branch 200009</b> Provides training related to various safety practices, safety awareness initiatives and acts as a liaison between divisions and certain state and local agencies.	4.0	408,145	0.0	340,900	0.0	384,400	
<b>Total</b>	<b>330.6</b>	<b>66,569,501</b>	<b>312.5</b>	<b>61,742,166</b>	<b>343.1</b>	<b>72,118,100</b>	

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**FISCAL YEAR 2020 BUDGET**

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**Business Area Revenues Summary**

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**Fund Name** : Storm Water  
**Business Area** : Houston Public Works  
**Fund No./Bus. Area No.** : 2302 / 2000

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<b>Category</b>	<b>FY2018 Actual</b>	<b>FY2019 Current Budget</b>	<b>FY2019 Estimate</b>	<b>FY2020 Budget</b>
Direct Interfund Services	0	87,700	43,850	<b>60,085</b>
Interest	131,384	80,000	107,615	<b>80,000</b>
Miscellaneous/Other	13,483	17,000	18,846	<b>20,000</b>
Other Resources	61,664,543	60,891,885	60,941,885	<b>65,859,485</b>
<b>Grand Total Revenues</b>	<b><u>61,809,410</u></b>	<b><u>61,076,585</u></b>	<b><u>61,112,196</u></b>	<b><u>66,019,570</u></b>