



# 2018 Stormwater Utility Report





FSA 2018 Stormwater Utility Report

## Acknowledgements

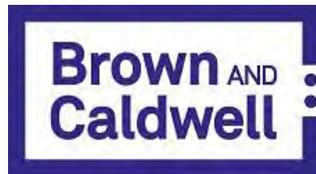
The Florida Stormwater Association wishes to express its appreciation to the following organizations that sponsored the 2018 Stormwater Utilities Report. The distribution of this document would not have been possible without their support.



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FSA 2018 Stormwater Utility Report

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*Leadership in Stormwater Management and Utilities*

FSA was organized in 1993 to assist professionals in the public and private sectors as they confront the problems associated with stormwater management, permitting and finance. FSA provides three basic services to its members:

- ◆ **Training and Education** – The Association conducts two statewide conferences, one seminar, two webinars and over 25 training events each year. The Fogarty Training Center was created in response to the need for up-to-date, high quality training for stormwater field staff in your area to save travel costs. All classes are taught by qualified trainers and fulfill most of the training requirements of your MS4 permit for stormwater staff. Visit the [Training Center](#) for a complete listing of courses.
- ◆ **Communications and Information Sharing** – The FSA Stormwater Utilities Survey is conducted and distributed every two years. An abbreviated listing of current stormwater rates is updated frequently. FSA's [e-newsletter "FastTracks"](#) is published ten times a year. FSA's website contains previously published editions of the newsletter, a membership directory, communications tools, regulatory information, and access to our manual on Establishing Stormwater Utilities in Florida.
- ◆ **Advocacy** – The Association is actively represented during the Legislative Session, in front of agencies, and in state and federal courts. We support legislation that is of benefit to stormwater utilities and local governments in the areas of stormwater management and finance. The Association monitors the activities of FDEP, EPA, and other state and federal regulatory initiatives, challenges to stormwater utilities, and participates in cases that are of statewide or national importance.

### **Not a Member?**

Please contact us if you would like more information about FSA or membership.

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FSA 2018 Stormwater Utility Report

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## Introduction

This Report presents the results of the Association's 12<sup>th</sup> biennial Stormwater Utilities Survey in Florida. Its purpose is to provide information to both managers and policy-makers in state and local government. Trends in the characteristics of the stormwater programs, utility rates and other practices within local government can now be observed by comparing survey results through 2018.

Florida has 67 counties and over 410 cities. Short of surveying *every* city and county, it is difficult to determine exactly how many stormwater utilities exist in the state. FSA's best estimate is that there are now approximately 165 local governments that have established stormwater utilities pursuant to Chapter 403, Florida Statutes or their own home rule powers. 137 stormwater utilities responded to the 2018 survey questionnaire.

We expect the number of stormwater utilities to continue to increase for several reasons: The Florida Supreme Court has consistently upheld the validity of such fees; there is (generally) more public support for funding programs with user fees as opposed to ad valorem or other general taxes; and, the process of implementing Numeric Nutrient Criteria and the multi-billion dollar Total Maximum Daily Load program in Florida continue to drive costs higher.

As one might expect, service areas dedicated exclusively to cities constitute a significant majority of stormwater utilities in part reflecting the relative ease of attaching a user charge onto an existing billing mechanism. Most stormwater utilities are located within a department of public works and have used impervious area as the basis for calculating the fee.

As in earlier surveys, revenue generated from stormwater utilities represents a significant source of funds to address stormwater pollution and flooding problems. Most jurisdictions report that utility charges are adequate to meet most administrative costs but not for needs associated with capital improvement programs. Whether stormwater utility fees can be raised at a rate to keep pace with the costs of TMDLs and new water quality criteria remains to be seen.

The Association appreciates the assistance of those who completed the survey instrument. We hope that you find this Report to be of value.

# Utility Characteristics



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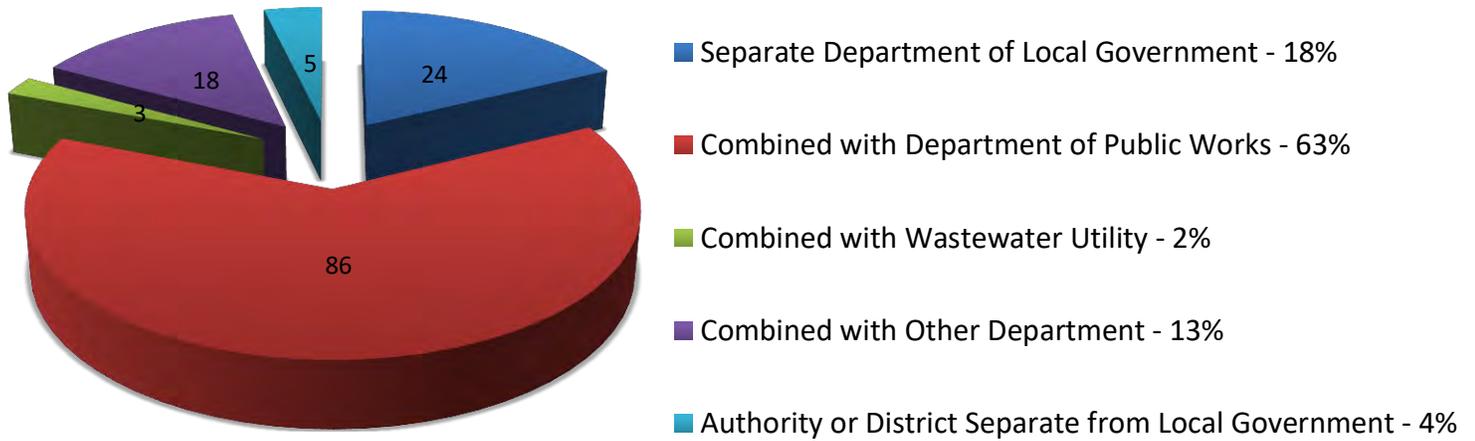


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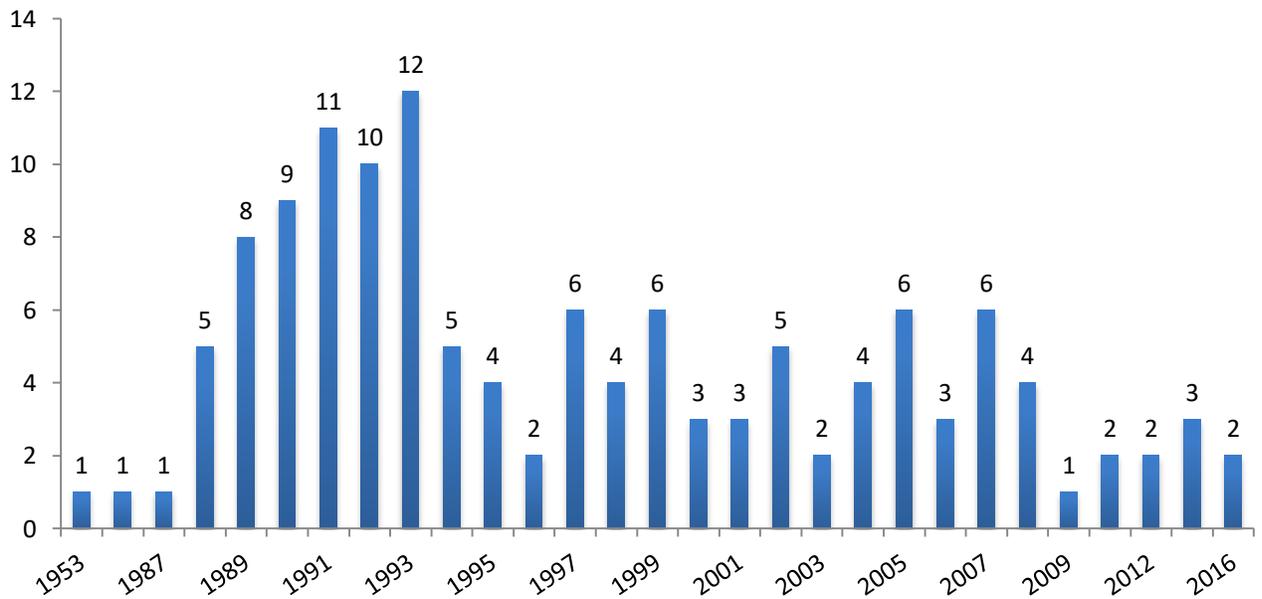


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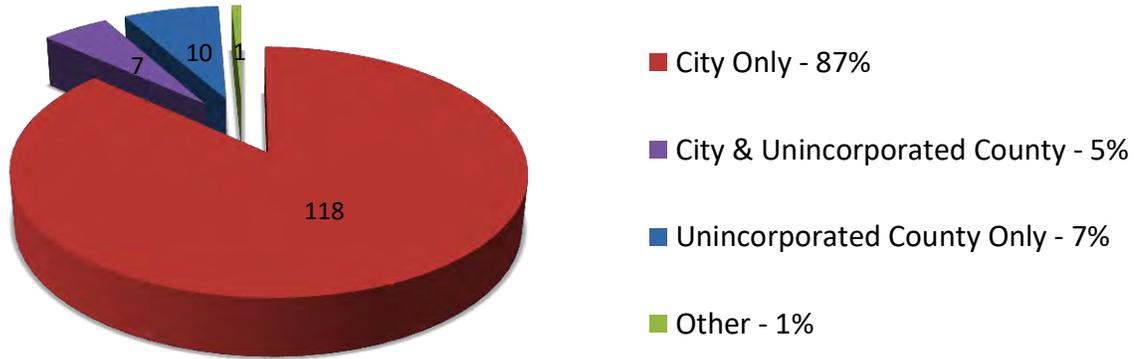
### 1-1 How is your SWU organized?



### 1-2 What year was your SWU established?



### 1-3 What jurisdiction does your SWU serve?



### 1-4 What is the physical area served by your SWU?

Average area of respondents is 70,243 acres (2016 reported average area was 77,942).

Jurisdiction	Acres	Jurisdiction	Acres	Jurisdiction	Acres
Bay County	408,960	City of Fort Walton Beach	4,848	City of Miami Gardens	14,080
Brevard County	553,634	City of Fruitland Park	2,600	City of Miami Springs	2,240
Charlotte County	540,672	City of Gainesville	41,124	City of Minneola	NR
City of Altamonte Springs	6,187	City of Green Cove Springs	4,700	City of Mulberry	4,176
City of Auburndale	12,887	City of Groveland	13,747	City of Naples	8,000
City of Bradenton Beach	640	City of Gulf Breeze	1,740	City of Neptune Beach	1,408
City of Callaway	6,128	City of Gulfport	2,129	City of New Port Richey	2,880
City of Cape Canaveral	1,472	City of Haines City	13,988	City of New Smyrna Beach	26,190
City of Cape Coral	76,800	City of Hallandale Beach	2,752	City of Niceville	7,400
City of Casselberry	4,812	City of Hialeah	12,800	City of North Bay Village	536
City of Clearwater	16,000	City of Homestead	9,986	City of North Lauderdale	3,256
City of Clermont	9,098	City of Indian Harbour Beach	3	City of North Miami	6,400
City of Cocoa	8,960	City of Jacksonville	559,552	City of Oakland Park	5,268
City of Cocoa Beach	3,840	City of Jacksonville Beach	6,560	City of Ocala	29,028
City of Coconut Creek	7,680	City of Key Colony Beach	285	City of Ocoee	10,048
City of Cooper City	5,146	City of Key West	3,378	City of Oldsmar	3,200
City of Coral Gables	8,960	City of Kissimmee	13,580	City of Orange City	4,826
City of Daytona Beach	42,240	City of Lake Alfred	3,200	City of Orlando	71,489
City of DeBary	16,000	City of Lake Mary	6,324	City of Ormond Beach	23,217
City of DeLand	8,000	City of Lake Worth	4,480	City of Palm Bay	68
City of Doral	96,000	City of Lakeland	47,955	City of Palm Coast	34,528
City of Dunedin	6,814	City of Largo	12,163	City of Pensacola	16,000
City of Edgewater	15,774	City of Leesburg	54,784	City of Pinellas Park	10,593
City of Fernandina Beach	10,240	City of Longwood	3,000	City of Pompano Beach	16,051
City of Flagler Beach	6,608	City of Madeira Beach	192	City of Port Richey	1,920
City of Fort Lauderdale	23,222	City of Maitland	4,156	City of Port St. Lucie	79,360
City of Fort Meade	2,880	City of Margate	5,868	City of Rockledge	7,590
City of Fort Myers	32,640	City of Melbourne	32,843	City of Safety Harbor	3,400
City of Fort Pierce	22,306	City of Miami	22,754	City of Satellite Beach	1,890

**1-4 What is the physical area served by your SWU (continued)?**

Average area of respondents is 70,243 acres (2016 reported average area was 77,942).

Jurisdiction	Acres	Jurisdiction	Acres	Jurisdiction	Acres
City of Sebastian	8,804	City of West Melbourne	6,803	Town of Belleair	1,792
City of South Pasadena	384	City of West Miami	453	Town of Cutler Bay	6,720
City of St. Augustine	8,900	City of West Palm Beach	35,424	Town of Jupiter	15,110
City of St. Cloud	1,250	City of Wilton Manors	2,496	Town of Malabar	7,200
City of St. Pete Beach	1,408	City of Winter Garden	11,462	Town of Medley	5,760
City of St. Petersburg	37,920	City of Winter Haven	25,933	Town of Melbourne Beach	832
City of Stuart	4,200	City of Winter Park	6,509	Town of Pembroke Park	960
City of Sunny Isles Beach	600	City of Winter Springs	9,600	Town of Redington Shores	235
City of Sunrise	11,593	Hillsborough County	561,268	Town of Surfside	28,290
City of Sweetwater	1,790	Lake County	609,920	Village of Indian Creek	259
City of Tallahassee	66,303	Leon County	375,040	Village of Key Biscayne	787
City of Tamarac	8,000	Marion County	560,000	Village of Palm Springs	2,455
City of Tampa	75,289	Miami-Dade County	1,280,000	Village of Pinecrest	5,184
City of Tarpon Springs	10,816	Pasco County	476,800	Village of Wellington	22,500
City of Tavares	4,620	Pinellas County	67,449	Volusia County	507,520
City of Titusville	19,500	Polk County	1,170,000		
City of Umatilla	23,040	Sarasota County	152,464		

**1-5 What is the population served by your SWU?**

Average population of respondents is 88,420. (2016 reported average population was 90,836).

Jurisdiction	Population	Jurisdiction	Population	Jurisdiction	Population
Bay County	74,517	City of Edgewater	21,509	City of Key West	24,649
Brevard County	243,510	City of Fernandina Beach	12,000	City of Kissimmee	60,375
Charlotte County	160,511	City of Flagler Beach	4,600	City of Lake Alfred	5,120
City of Altamonte Springs	44,482	City of Fort Lauderdale	170,747	City of Lake Mary	16,538
City of Auburndale	15,999	City of Fort Meade	5,800	City of Lake Worth	37,000
City of Bradenton Beach	1,500	City of Fort Myers	77,000	City of Lakeland	100,710
City of Callaway	14,732	City of Fort Pierce	45,000	City of Largo	82,747
City of Cape Canaveral	10,089	City of Fort Walton Beach	21,971	City of Leesburg	22,419
City of Cape Coral	161,069	City of Fruitland Park	4,000	City of Longwood	13,000
City of Casselberry	28,548	City of Gainesville	129,816	City of Madeira Beach	4,511
City of Clearwater	109,907	City of Green Cove Springs	7,035	City of Maitland	16,337
City of Clermont	32,500	City of Groveland	11,000	City of Margate	54,461
City of Cocoa	18,313	City of Gulf Breeze	6,600	City of Melbourne	80,982
City of Cocoa Beach	11,260	City of Gulfport	12,407	City of Miami	453,579
City of Coconut Creek	56,000	City of Haines City	20,535	City of Miami Gardens	109,000
City of Cooper City	33,752	City of Hallandale Beach	38,951	City of Miami Springs	14,231
City of Coral Gables	50,000	City of Hialeah	242,000	City of Minneola	12,000
City of Daytona Beach	62,635	City of Homestead	70,209	City of Mulberry	4,609
City of DeBary	20,000	City of Indian Harbour Beach	8,300	City of Naples	25,000
City of DeLand	33,200	City of Jacksonville	913,010	City of Neptune Beach	7,200
City of Doral	60,000	City of Jacksonville Beach	23,503	City of New Port Richey	16,167
City of Dunedin	36,381	City of Key Colony Beach	4,500	City of New Smyrna Beach	25,800

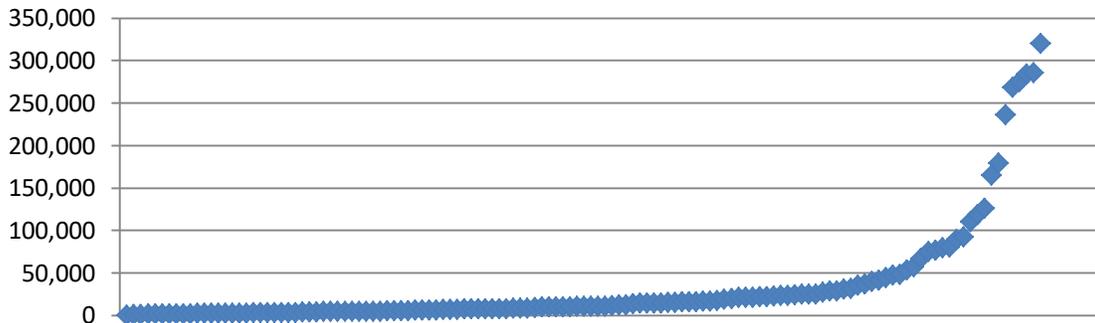
### 1-5 What is the population served by your SWU (continued)?

Average population of respondents is 88,420. (2016 reported average population was 90,836).

Jurisdiction	Population	Jurisdiction	Population	Jurisdiction	Population
City of Niceville	13,587	City of St. Cloud	45,500	Leon County	94,650
City of North Bay Village	8,194	City of St. Pete Beach	9,346	Marion County	281,812
City of North Lauderdale	44,000	City of St. Petersburg	250,000	Miami-Dade County	1,102,955
City of North Miami	65,000	City of Stuart	16,173	Pasco County	470,391
City of Oakland Park	43,390	City of Sunny Isles Beach	22,063	Pinellas County	270,494
City of Ocala	57,586	City of Sunrise	90,000	Polk County	407,963
City of Ocoee	41,393	City of Sweetwater	20,751	Sarasota County	390,500
City of Oldsmar	14,000	City of Tallahassee	190,894	Town of Belleair	3,887
City of Orange City	11,403	City of Tamarac	65,199	Town of Cutler Bay	44,321
City of Orlando	248,731	City of Tampa	377,165	Town of Jupiter	63,813
City of Ormond Beach	42,162	City of Tarpon Springs	24,867	Town of Malabar	2,796
City of Palm Bay	112,000	City of Tavares	16,936	Town of Medley	1,200
City of Palm Coast	77,068	City of Titusville	46,019	Town of Melbourne Beach	3,100
City of Pensacola	52,000	City of Umatilla	3,658	Town of Pembroke Park	6,700
City of Pinellas Park	50,352	City of West Melbourne	21,360	Town of Redington Shores	2,400
City of Pompano Beach	106,105	City of West Miami	6,018	Town of Surfside	5,400
City of Port Richey	2,781	City of West Palm Beach	150,000	Village of Indian Creek	86
City of Port St. Lucie	185,000	City of Wilton Manors	12,662	Village of Key Biscayne	12,924
City of Rockledge	26,535	City of Winter Garden	42,959	Village of Palm Springs	23,250
City of Safety Harbor	17,825	City of Winter Haven	41,134	Village of Pinecrest	18,496
City of Satellite Beach	10,485	City of Winter Park	29,317	Village of Wellington	62,000
City of Sebastian	22,137	City of Winter Springs	34,901	Volusia County	119,359
City of South Pasadena	5,000	Hillsborough County	1,376,238		
City of St. Augustine	13,092	Lake County	157,809		

### 1-6 How many accounts does your SWU serve?

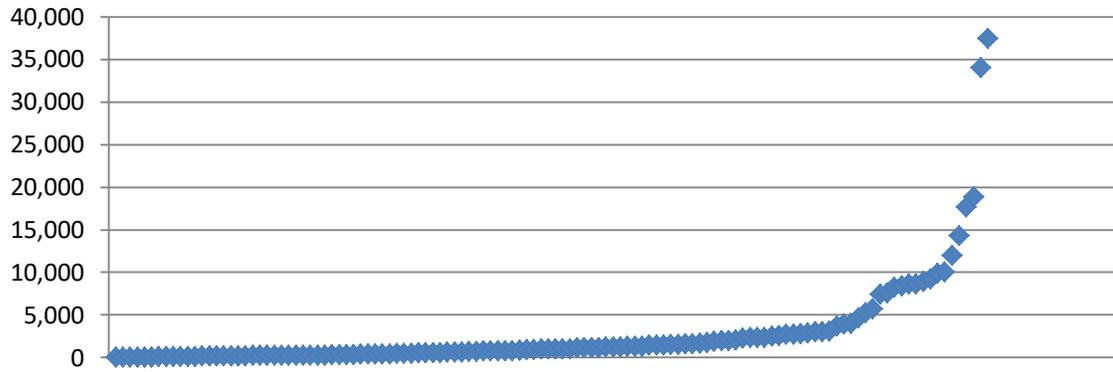
#### Residential



Average is 33,101 accounts: 28,641 are single family and 5,241 are multi-family.

**1-6** How many accounts does your SWU serve (continued)?

**Non- Residential**



Average is 2,814 accounts: 466 business, 390 institutional, 1,387 commercial and 253 industrial.

# Utility Fees and Rates



## Advancing One Water Solutions

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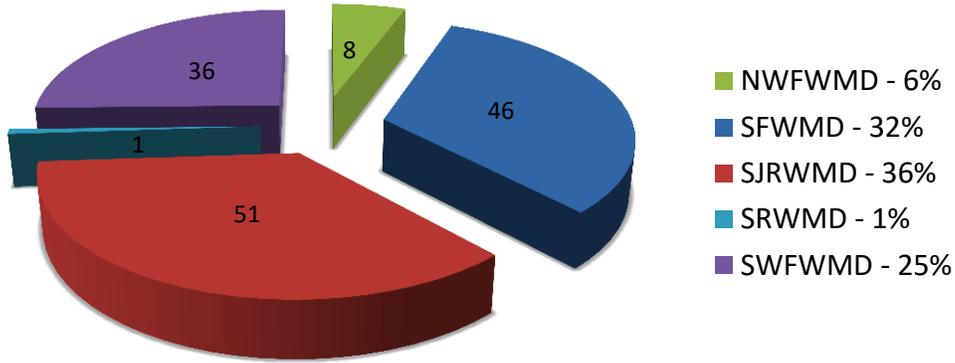


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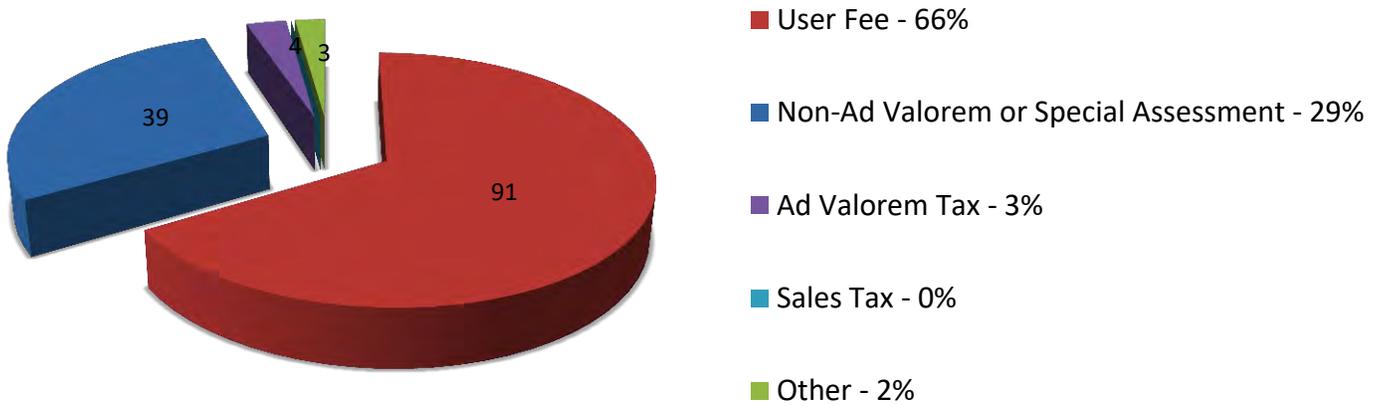
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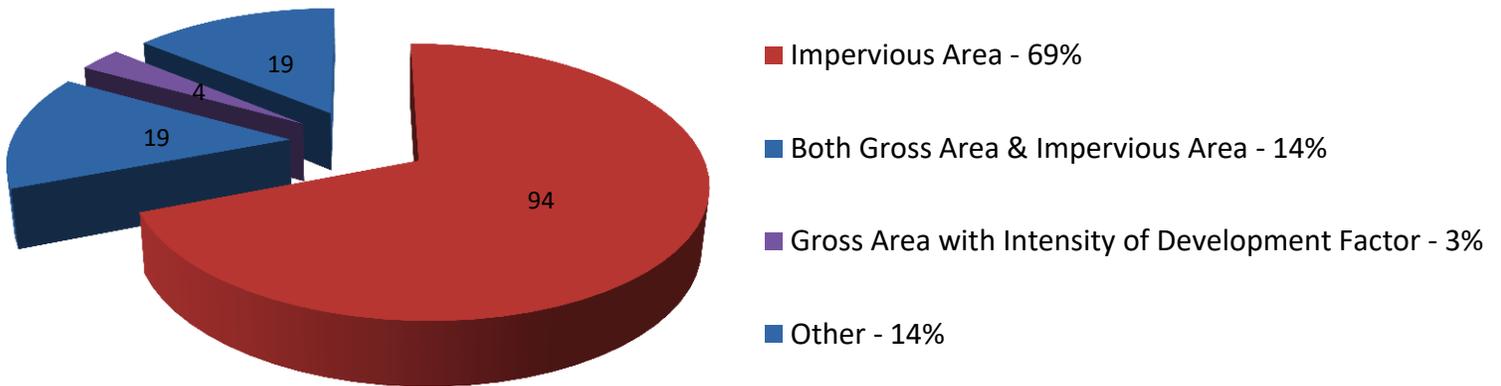
**2-1** Within which Water Management District is your SWU located?



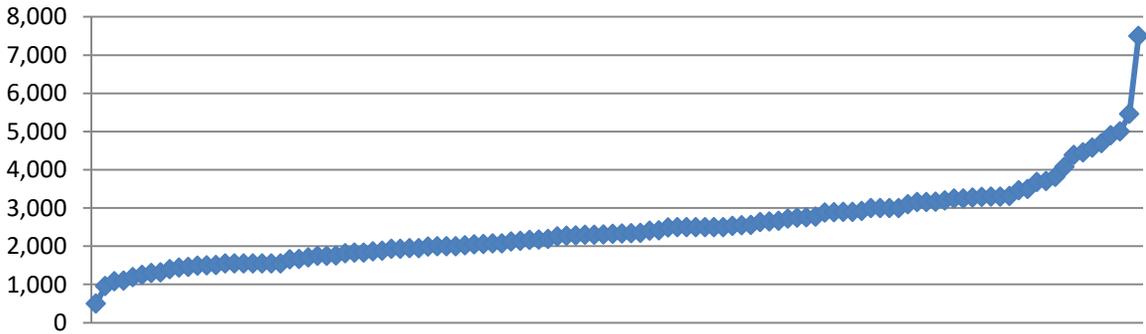
**2-2** What is the basic methodology used for your revenue generation?



**2-3** What is the general basis for your fee?

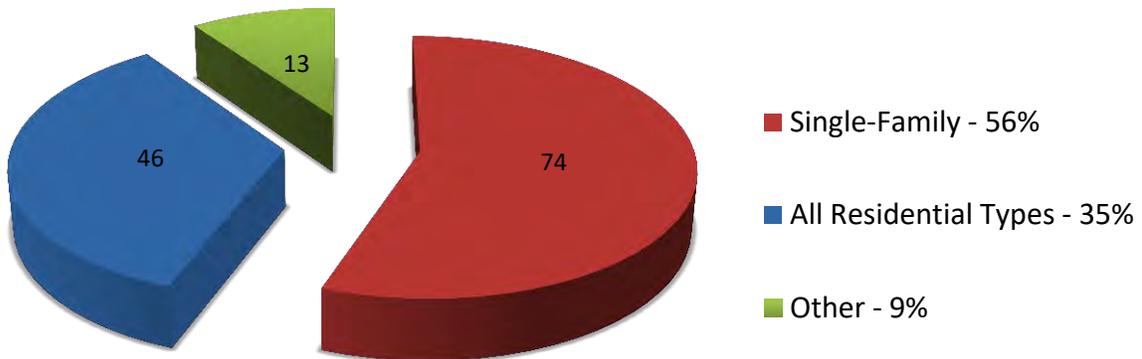


**2-4** If impervious area is the fee basis, what is the square footage of your average billing unit (ERU or similar designation)?



Average is 2,857 square feet (average in 2016 was 2,842). Chart above does not include Charlotte County (43,560 sq ft).

**2-5** Is the “average billing unit” based upon single-family units only or on all residential types (e.g. single and multi-family, condominiums, mobile homes, etc.)?



2-6 What is your current SWU rate per month?

Average rate is \$7.80 (2016 was \$6.57)

Utility Rate Range: \$0.75 (Low) \$60.00 (High)

NR = No Response

Jurisdiction	Rate	Unit Size
Bay County	\$3.33	NR
Brevard County	\$5.33	2,500
Charlotte County	\$10.71	43,560
City of Altamonte Springs	\$6.75	2,492
City of Auburndale	\$0.75	NR
City of Bradenton Beach	\$4.40	NR
City of Callaway	\$1.00	NR
City of Cape Canaveral	\$7.00	2,074
City of Cape Coral	\$9.25	3,296
City of Casselberry	\$7.00	2,304
City of Clearwater	\$14.58	1,830
City of Clermont	\$3.00	3,154
City of Cocoa	\$6.75	2,166
City of Cocoa Beach	\$8.50	2,900
City of Coconut Creek	\$3.71	2,070
City of Cooper City	\$2.93	1,750
City of Coral Gables	\$13.30	2,346
City of Daytona Beach	\$10.07	1,661
City of DeBary	\$7.00	2,560
City of DeLand	\$8.69	4,900
City of Doral	\$4.00	1,548
City of Dunedin	\$11.10	1,708
City of Edgewater	\$10.00	2,027
City of Fernandina Beach	\$12.00	NR
City of Flagler Beach	\$6.25	2,049
City of Fort Lauderdale	\$10.00	NR
City of Fort Meade	\$6.75	2,750
City of Fort Myers	\$7.60	2,500
City of Fort Pierce	\$4.50	2,186
City of Fort Walton Beach	\$4.75	3,200
City of Fruitland Park	\$2.00	NR
City of Gainesville	\$9.45	2,300
City of Green Cove Springs	\$3.50	NR
City of Groveland	NR	NR

Jurisdiction	Rate	Unit Size
City of Gulf Breeze	\$5.07	4,450
City of Gulfport	\$3.95	2,300
City of Haines City	\$4.93	1,935
City of Hallandale Beach	\$7.37	958
City of Hialeah	\$2.50	1,664
City of Homestead	\$3.37	2,000
City of Indian Harbour Beach	\$4.00	2,500
City of Jacksonville	\$5.00	3,100
City of Jacksonville Beach	\$5.00	1,500
City of Key Colony Beach	\$5.00	NR
City of Key West	\$8.72	1,440
City of Kissimmee	\$8.45	2,404
City of Lake Alfred	\$2.00	NR
City of Lake Mary	\$4.00	4,576
City of Lake Worth	\$6.30	1,748
City of Lakeland	\$8.00	5,000
City of Largo	\$6.65	2,257
City of Leesburg	\$5.50	2,000
City of Longwood	\$6.00	2,898
City of Madeira Beach	\$10.00	1,249
City of Maitland	\$9.60	2,532
City of Margate	\$5.15	2,328
City of Melbourne	\$3.67	2,500
City of Miami	\$3.50	1,191
City of Miami Gardens	\$6.00	1,548
City of Miami Springs	\$6.00	NR
City of Minneola	\$4.00	1,100
City of Mulberry	\$4.00	3,250
City of Naples	\$13.35	1,934
City of Neptune Beach	\$5.00	3,164
City of New Port Richey	\$6.50	2,629
City of New Smyrna Beach	\$7.33	1,818
City of Niceville	\$4.51	7,500
City of North Bay Village	\$7.72	2,415

2-6 What is your current SWU rate per month (continued)?

Average rate is \$7.80 (2016 was \$6.57)

Utility Rate Range: \$0.75 (Low) \$60.00 (High)

NR = No Response

Jurisdiction	Rate	Unit Size
City of North Lauderdale	\$6.00	2,138
City of North Miami	\$6.19	1,760
City of Oakland Park	\$7.00	1,507
City of Ocala	\$4.71	1,948
City of Ocoee	\$8.25	2,054
City of Oldsmar	\$5.00	2,550
City of Orange City	\$12.55	500
City of Orlando	\$9.99	2,000
City of Ormond Beach	\$8.00	3,000
City of Palm Bay	\$13.76	4,693
City of Palm Coast	\$11.65	3,682
City of Pensacola	\$5.28	2,998
City of Pinellas Park	\$4.00	NR
City of Pompano Beach	\$4.21	2,880
City of Port Richey	\$3.00	3,250
City of Port St. Lucie	\$13.58	2,280
City of Rockledge	\$4.25	2,922
City of Safety Harbor	\$7.25	1,865
City of Satellite Beach	\$8.67	3,000
City of Sebastian	\$5.00	3,285
City of South Pasadena	NR	NR
City of St. Augustine	\$7.00	2,752
City of St. Cloud	\$6.35	2,664
City of St. Pete Beach	\$3.92	3,813
City of St. Petersburg	\$10.00	2,719
City of Stuart	\$4.18	3,707
City of Sunny Isles Beach	\$4.33	1,548
City of Sunrise	\$8.09	1,884
City of Sweetwater	\$5.00	1,458
City of Tallahassee	\$8.18	1,990
City of Tamarac	\$9.57	1,830
City of Tampa	\$6.83	3,310
City of Tarpon Springs	\$7.15	1,945
City of Tavares	\$9.25	3,500

Jurisdiction	Rate	Unit Size
City of Titusville	\$7.31	3,300
City of Umatilla	\$4.00	3,000
City of West Melbourne	\$3.00	2,500
City of West Miami	\$2.50	1,400
City of West Palm Beach	\$13.57	2,171
City of Wilton Manors	\$5.31	3,460
City of Winter Garden	\$5.13	4,077
City of Winter Haven	\$6.81	NR
City of Winter Park	\$11.56	2,324
City of Winter Springs	\$5.50	2,123
Hillsborough County	\$3.00	NR
Lake County	.4984 mills	NR
Leon County	\$7.08	3,272
Marion County	\$1.25	2,275
Miami-Dade County	\$4.00	1,548
Pasco County	\$7.92	2,890
Pinellas County	\$9.81	2,339
Polk County	NR	NR
Sarasota County	\$7.55	3,153
Town of Belleair	\$11.92	5,459
Town of Cutler Bay	\$4.00	1,548
Town of Jupiter	\$4.98	2,651
Town of Malabar	\$54.00	NR
Town of Medley	\$3.00	1,487
Town of Melbourne Beach	\$3.00	2,500
Town of Pembroke Park	\$10.12	1,548
Town of Redington Shores	\$1.50	1,312
Town of Surfside	\$5.35	1,300
Village of Indian Creek	\$4.38	4,385
Village of Key Biscayne	\$13.35	1,083
Village of Palm Springs	\$3.00	NR
Village of Pinecrest	\$10.00	1,548
Village of Wellington	\$19.17	NR
Volusia County	\$6.00	2,775

**2-6 Comparative Monthly Stormwater Rates Based on Standardized Billing Area**

Standardizing the billing area to 1,000 square feet gives the average for 2018 of \$3.46 (2016 was \$2.78).  
 Range of rate per 1,000 square feet: \$0.25(Low) \$25.10(High)

Jurisdiction	Rate/1000 Sq. Ft.
Brevard County	\$2.13
Charlotte County	\$0.25
City of Altamonte Springs	\$2.71
City of Cape Canaveral	\$3.38
City of Cape Coral	\$2.81
City of Casselberry	\$3.04
City of Clearwater	\$7.97
City of Clermont	\$0.95
City of Cocoa	\$3.12
City of Cocoa Beach	\$2.93
City of Coconut Creek	\$1.79
City of Cooper City	\$1.67
City of Coral Gables	\$5.67
City of Daytona Beach	\$6.06
City of DeBary	\$2.73
City of DeLand	\$1.77
City of Doral	\$2.58
City of Dunedin	\$6.50
City of Edgewater	\$4.93
City of Flagler Beach	\$3.05
City of Fort Meade	\$2.45
City of Fort Myers	\$3.04
City of Fort Pierce	\$2.06
City of Fort Walton Beach	\$1.48
City of Gainesville	\$4.11
City of Gulf Breeze	\$1.14
City of Gulfport	\$1.72
City of Haines City	\$2.55
City of Hallandale Beach	\$7.69

Jurisdiction	Rate/1000 Sq. Ft.
City of Hialeah	\$1.50
City of Homestead	\$1.69
City of Indian Harbour Beach	\$1.60
City of Jacksonville	\$1.61
City of Jacksonville Beach	\$3.33
City of Key West	\$6.06
City of Kissimmee	\$3.51
City of Lake Mary	\$0.87
City of Lake Worth	\$3.60
City of Lakeland	\$3.52
City of Largo	\$2.95
City of Leesburg	\$2.75
City of Longwood	\$2.07
City of Madeira Beach	\$8.01
City of Maitland	\$3.79
City of Margate	\$2.21
City of Melbourne	\$1.47
City of Miami	\$2.94
City of Miami Gardens	\$3.88
City of Minneola	\$3.64
City of Mulberry	\$1.23
City of Naples	\$6.90
City of Neptune Beach	\$1.58
City of New Port Richey	\$2.47
City of New Smyrna Beach	\$4.03
City of Niceville	\$0.60
City of North Bay Village	\$3.20
City of North Lauderdale	\$2.81
City of North Miami	\$3.52

**2-6 Comparative Monthly Stormwater Rates Based on Standardized Billing Area (continued)**

Standardizing the billing area to 1,000 square feet gives the average for 2018 of \$3.46 (2016 was \$2.78).  
 Range of rate per 1,000 square feet: \$0.25(Low) \$25.10(High)

Jurisdiction	Rate/1000 Sq. Ft.
City of Oakland Park	\$4.64
City of Ocala	\$2.42
City of Ocoee	\$4.02
City of Oldsmar	\$1.96
City of Orange City	\$25.10
City of Orlando	\$5.00
City of Ormond Beach	\$2.67
City of Palm Bay	\$2.93
City of Palm Coast	\$3.16
City of Pensacola	\$1.76
City of Pompano Beach	\$1.46
City of Port Richey	\$0.92
City of Port St. Lucie	\$5.96
City of Rockledge	\$1.45
City of Safety Harbor	\$3.89
City of Satellite Beach	\$2.89
City of Sebastian	\$1.52
City of St. Augustine	\$2.54
City of St. Cloud	\$2.38
City of St. Pete Beach	\$1.03
City of St. Petersburg	\$3.68
City of Stuart	\$1.13
City of Sunny Isles Beach	\$2.80
City of Sunrise	\$4.29
City of Sweetwater	\$3.43
City of Tallahassee	\$4.11
City of Tamarac	\$5.23
City of Tampa	\$2.06
City of Tarpon Springs	\$3.68

Jurisdiction	Rate/1000 Sq. Ft.
City of Tavares	\$2.64
City of Titusville	\$2.22
City of Umatilla	\$1.33
City of West Melbourne	\$1.20
City of West Miami	\$1.79
City of West Palm Beach	\$6.25
City of Wilton Manors	\$1.53
City of Winter Garden	\$1.26
City of Winter Park	\$4.97
City of Winter Springs	\$2.59
Leon County	\$2.16
Marion County	\$0.55
Miami-Dade County	\$2.58
Pasco County	\$2.74
Pinellas County	\$4.19
Sarasota County	\$2.39
Town of Belleair	\$2.18
Town of Cutler Bay	\$2.58
Town of Jupiter	\$1.88
Town of Medley	\$2.02
Town of Melbourne Beach	\$1.20
Town of Pembroke Park	\$6.54
Town of Redington Shores	\$1.14
Town of Surfside	\$4.12
Village of Indian Creek	\$1.00
Village of Key Biscayne	\$12.33
Village of Pinecrest	\$6.46
Volusia County	\$2.16

## 2-6 Comparative Monthly Stormwater Rates

Averages											
1997	1999	2001	2003	2005	2007	2009	2011	2014	2016	2018	Change
\$3.37	\$3.18	\$3.36	\$3.52	\$3.85	\$4.29	\$4.88	\$5.22	\$5.67	\$6.53	\$6.97	\$0.78

Jurisdiction	1997	1999	2001	2003	2005	2007	2009	2011	2014	2016	2018	Change
Bay County						\$3.33	\$3.33			\$3.33	\$3.33	\$0.00
Brevard County	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00		\$3.00	\$3.33	\$3.00	\$4.33	\$5.33	\$1.00
Charlotte County			\$3.00			\$3.00		\$10.71	\$10.71	\$10.71	\$10.71	\$0.00
City of Altamonte Springs			\$4.75	\$4.75		\$5.75	\$6.75	\$6.75	\$6.75	\$6.75	\$6.75	\$0.00
City of Atlantic Beach	\$3.00	\$3.00	\$3.00	\$4.00	\$4.00	\$4.00	\$5.00	\$5.00	\$8.39	\$8.39		
City of Auburndale	\$0.50	\$0.50	\$0.50	\$0.50	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.00
City of Aventura				\$2.50	\$2.50	\$2.50		\$2.50				
City of Boca Raton										\$3.22		
City of Boynton Beach		\$1.00	\$6.00		\$5.00	\$5.00				\$5.00		
City of Bradenton				\$2.50						\$4.50		
City of Bradenton Beach						\$8.33	\$8.33	\$8.33	\$8.33	\$4.40	\$4.40	\$0.00
City of Callaway										\$1.00	\$1.00	\$0.00
City of Cape Canaveral						\$3.00	\$3.00	\$3.00	\$5.00	\$5.00	\$7.00	\$2.00
City of Cape Coral	\$2.50	\$2.50	\$3.00	\$3.00	\$3.50	\$6.25	\$6.25	\$6.25	\$6.25		\$9.25	
City of Casselberry						\$2.90		\$7.00	\$7.00	\$7.00	\$7.00	\$0.00
City of Clearwater		\$4.17	\$4.22	\$7.16	\$8.65	\$9.91	\$11.13	\$12.51	\$13.77	\$14.33	\$14.58	\$0.25
City of Clermont						\$3.00		\$3.00	\$3.00	\$3.00	\$3.00	\$0.00
City of Cocoa		\$2.00	\$2.00	\$3.00	\$3.00			\$5.00	\$5.75	\$6.25	\$6.75	\$0.50
City of Cocoa Beach	\$3.50	\$2.75	\$2.75	\$5.00	\$5.00	\$6.00	\$6.00	\$6.00	\$6.00	\$8.00	\$8.50	\$0.50
City of Coconut Creek									\$3.46	\$3.54	\$3.71	\$0.17
City of Cooper City										\$2.93	\$2.93	\$0.00
City of Coral Gables									\$8.20	\$8.80	\$13.30	\$4.50
City of Daytona Beach	\$2.43	\$2.56	\$2.71	\$2.71	\$4.00	\$6.00		\$7.48	\$8.67	\$9.38	\$10.07	\$0.69
City of DeBary						\$7.00	\$7.00		\$7.00	\$7.00	\$7.00	\$0.00
City of DeLand		\$3.60	\$3.60	\$5.81							\$8.69	
City of Delray Beach			\$4.50	\$4.50	\$4.50	\$5.33	\$5.33	\$5.33	\$5.33	\$5.33		
City of Deltona		\$2.50	\$2.50	\$2.50	\$5.00							
City of Doral							\$4.00	\$4.00	\$4.00	\$4.00	\$4.00	\$0.00
City of Dunedin	\$3.00	\$3.00	\$3.00	\$3.00	\$4.50	\$6.00	\$6.00	\$7.40		\$10.16	\$11.10	\$0.94
City of Eagle Lake									\$4.00			
City of Edgewater	\$6.00	\$6.00	\$6.00	\$6.00	\$6.00	\$6.00	\$7.00	\$8.00	\$8.00	\$9.00	\$10.00	\$1.00
City of Eustis				\$3.00								
City of Fernandina Beach										\$4.00	\$12.00	\$8.00
City of Flagler Beach										\$5.00	\$6.25	\$1.25
City of Fort Lauderdale		\$2.24	\$2.24	\$2.35	\$2.62	\$2.90	\$3.20	\$3.53	\$3.50	\$4.10	\$10.00	\$5.90
City of Fort Meade				\$4.25	\$4.25	\$4.25	\$4.25	\$4.25	\$4.25	\$6.19	\$6.75	\$0.56
City of Fort Myers							\$4.80	\$4.80	\$4.80	\$4.80	\$7.60	\$2.80
City of Fort Pierce			\$1.50	\$2.50	\$2.50	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50	\$0.00
City of Fort Walton Beach								\$3.00	\$3.00	\$4.25	\$4.75	\$0.50
City of Fruitland Park							\$1.00	\$2.00		\$2.00	\$2.00	\$0.00
City of Gainesville	\$5.00	\$5.25	\$5.75	\$6.25	\$6.50	\$6.95	\$7.65	\$8.15	\$8.56	\$9.00	\$9.45	\$0.45
City of Green Cove Springs										\$3.50	\$3.50	\$0.00

**2-6 Comparative Monthly Stormwater Rates (continued)**

Jurisdiction	1997	1999	2001	2003	2005	2007	2009	2011	2014	2016	2018	Change
City of Gulf Breeze											\$5.07	
City of Gulfport						\$2.87	\$2.87	\$2.87	\$3.21	\$3.60	\$3.95	\$0.35
City of Haines City					\$2.00		\$2.00		\$4.52	\$4.52	\$4.93	\$0.41
City of Hallandale Beach		\$1.42	\$1.42	\$1.42	\$2.17	\$2.68	\$2.68	\$2.50	\$3.35	\$3.35	\$7.37	\$4.02
City of Hialeah	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50		\$2.50	\$2.50	\$0.00
City of Holly Hill	\$2.50	\$2.50	\$2.50	\$3.00	\$3.00	\$3.00	\$6.00		\$6.00			
City of Hollywood					\$2.35	\$2.69		\$3.22				
City of Homestead		\$2.00	\$2.00	\$3.06	\$3.18			\$3.18		\$3.37	\$3.37	\$0.00
City of Indian Harbour Beach										\$4.00	\$4.00	\$0.00
City of Jacksonville								\$5.00	\$5.00	\$5.00	\$5.00	\$0.00
City of Jacksonville Beach	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00		\$4.78	\$5.00	\$5.00	\$0.00
City of Key Colony Beach										\$60.00	\$60.00	\$0.00
City of Key West									\$7.90	\$8.22	\$8.72	\$0.50
City of Kissimmee								\$7.38	\$8.08	\$8.08	\$8.45	\$0.37
City of Lake Alfred									\$2.00	\$2.00	\$2.00	\$0.00
City of Lake Mary					\$3.00	\$3.00	\$3.00	\$3.00		\$4.00	\$4.00	\$0.00
City of Lake Worth		\$2.25	\$2.25	\$2.25	\$2.90	\$5.80		\$5.80	\$6.30		\$6.30	
City of Lakeland			\$2.00	\$2.00	\$2.00	\$2.00	\$6.00	\$6.00	\$6.00	\$6.00	\$8.00	\$2.00
City of Largo	\$2.00	\$2.00	\$2.80	\$3.10	\$3.57	\$3.57	\$3.57	\$4.45		\$6.65	\$6.65	\$0.00
City of Lauderhill								\$12.19				
City of Leesburg		\$3.00	\$3.00	\$3.00				\$6.00	\$6.00	\$5.50	\$5.50	\$0.00
City of Longwood		\$3.00	\$3.00			\$6.00	\$6.00	\$6.00		\$6.00	\$6.00	\$0.00
City of Madeira Beach						\$5.00	\$5.00				\$10.00	
City of Maitland									\$8.60	\$9.80	\$9.60	(\$0.20)
City of Margate		\$1.85	\$2.30		\$2.69	\$2.69	\$3.57			\$5.15	\$5.15	\$0.00
City of Melbourne									\$3.00	\$3.67	\$3.67	\$0.00
City of Miami				\$3.50		\$3.50	\$3.50			\$3.50	\$3.50	\$0.00
City of Miami Gardens							\$4.00	\$4.00	\$4.00	\$4.00	\$6.00	\$2.00
City of Miami Springs						\$3.67			\$3.67	\$3.67	\$6.00	\$2.33
City of Minneola						\$2.00	\$4.00			\$4.00	\$4.00	\$0.00
City of Miramar		\$2.00	\$2.00	\$2.00	\$2.00	\$2.50						
City of Mount Dora							\$5.00		\$6.50			
City of Mulberry							\$4.00	\$4.00	\$4.00		\$4.00	
City of Naples					\$4.00	\$4.00	\$11.82	\$12.01	\$12.80	\$13.05	\$13.35	\$0.30
City of Neptune Beach					\$3.00	\$3.00	\$3.00		\$3.00	\$5.00	\$5.00	\$0.00
City of New Port Richey				\$3.36	\$3.36	\$3.36	\$3.36	\$3.36		\$3.36	\$6.50	\$3.14
City of New Smyrna Beach										\$7.17	\$7.33	\$0.16
City of Niceville					\$2.65	\$2.65	\$3.85	\$4.25	\$4.51	\$4.51	\$4.51	\$0.00
City of North Bay Village										\$1.26	\$7.72	\$6.46
City of North Lauderdale		\$2.50	\$2.50	\$2.50	\$3.00	\$3.00	\$3.00		\$3.00	\$3.00	\$6.00	\$3.00
City of North Miami	\$2.00	\$2.10	\$2.10	\$2.10	\$4.65	\$4.65	\$5.64			\$6.19	\$6.19	\$0.00
City of North Miami Beach	\$2.00	\$3.70	\$3.70	\$3.70	\$3.70	\$4.50		\$4.50	\$4.50			
City of Oakland Park	\$3.00	\$2.00		\$3.00	\$3.99	\$6.00	\$6.00	\$6.00	\$6.00	\$7.00	\$7.00	\$0.00
City of Ocala	\$2.50	\$3.00	\$3.00	\$3.00	\$3.00	\$4.00	\$4.00	\$4.00		\$4.00	\$4.71	\$0.71
City of Ocoee		\$5.00	\$5.00	\$5.00	\$5.00	\$5.00		\$7.00			\$8.25	

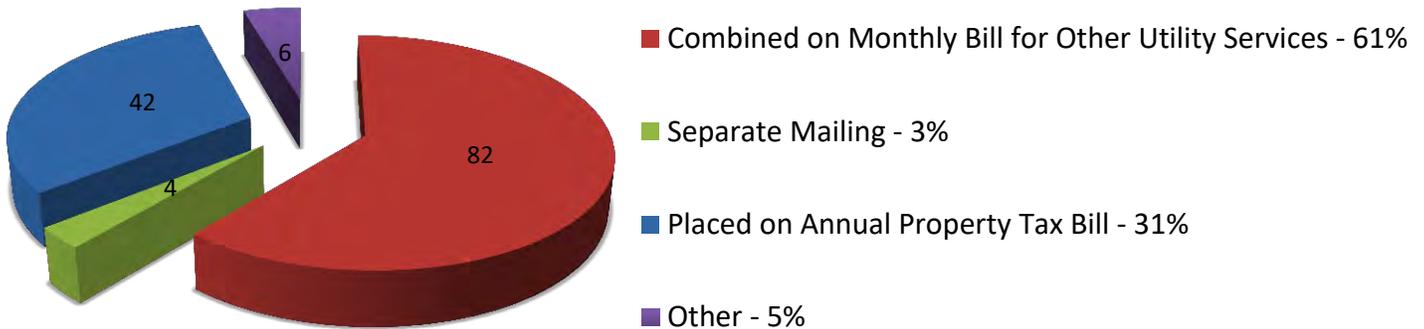
**2-6 Comparative Monthly Stormwater Rates (continued)**

Jurisdiction	1997	1999	2001	2003	2005	2007	2009	2011	2014	2016	2018	Change
City of Oldsmar	\$2.00	\$2.50	\$2.50	\$2.50	\$3.50	\$3.00	\$3.00		\$4.00	\$5.00	\$5.00	\$0.00
City of Orange City											\$12.55	
City of Orlando	\$4.50	\$5.50	\$5.50	\$5.50	\$6.88	\$9.08	\$9.99	\$9.99	\$9.99	\$9.99	\$9.99	\$0.00
City of Ormond Beach									\$8.00	\$8.00	\$8.00	\$0.00
City of Oviedo		\$4.00	\$4.00	\$4.00	\$4.00		\$4.00		\$4.00			
City of Palm Bay										\$4.47	\$13.76	\$9.29
City of Palm Coast						\$6.00	\$8.00	\$8.00	\$11.65	\$11.65	\$11.65	\$0.00
City of Pensacola					\$4.40	\$4.40	\$4.40	\$4.40	\$5.07	\$5.28	\$5.28	\$0.00
City of Pinellas Park							\$5.50				\$4.00	
City of Plant City										\$4.00		
City of Pompano Beach				\$3.00	\$3.00	\$3.00	\$3.00		\$3.21	\$3.68	\$4.21	\$0.53
City of Port Orange	\$6.00	\$6.00	\$6.00	\$6.00	\$6.25	\$6.25	\$8.25					
City of Port Richey											\$3.00	
City of Port St. Lucie		\$8.33	\$8.33	\$8.75	\$8.75	\$10.25	\$10.25			\$12.75	\$13.58	\$0.83
City of Riviera Beach					\$4.50	\$4.50			\$4.50	\$9.00		
City of Rockledge					\$3.00	\$3.00	\$3.75	\$3.75	\$3.75	\$4.25	\$4.25	\$0.00
City of Safety Harbor						\$3.50	\$3.75	\$3.75	\$7.25	\$7.25	\$7.25	\$0.00
City of Sanford	\$4.50	\$4.00	\$4.00	\$4.00	\$5.20		\$5.60	\$6.79		\$8.25		
City of Satellite Beach		\$3.00	\$3.00	\$3.00		\$3.50	\$4.50			\$8.67	\$8.67	\$0.00
City of Sebastian										\$5.00	\$5.00	\$0.00
City of St. Augustine			\$5.00	\$5.00	\$5.00	\$5.00	\$5.00		\$7.00		\$7.00	
City of St. Cloud							\$6.35				\$6.35	
City of St. Pete Beach									\$3.92	\$3.92	\$3.92	\$0.00
City of St. Petersburg	\$3.00	\$4.50	\$4.50	\$5.00	\$6.00	\$6.40	\$6.85	\$6.84	\$6.84	\$6.84	\$10.00	\$3.16
City of Stuart				\$2.65	\$2.65	\$3.76	\$3.76	\$3.76	\$3.95	\$3.95	\$4.18	\$0.23
City of Sunny Isles Beach				\$2.50	\$2.50	\$2.50		\$2.50			\$4.33	
City of Sunrise		\$1.30	\$1.30	\$1.30	\$1.30	\$2.32	\$3.25	\$4.50	\$6.82		\$8.09	
City of Sweetwater										\$4.00	\$5.00	\$1.00
City of Tallahassee	\$5.75	\$5.91	\$6.25	\$6.25	\$6.25	\$6.93	\$7.61	\$7.95	\$7.95	\$7.95	\$8.18	\$0.23
City of Tamarac						\$8.00	\$9.03	\$9.58	\$9.19	\$9.19	\$9.57	\$0.38
City of Tampa						\$3.00	\$3.00	\$3.00	\$3.00	\$6.83	\$6.83	\$0.00
City of Tarpon Springs					\$5.65		\$5.65	\$5.65	\$5.65		\$7.15	
City of Tavares					\$3.00			\$4.50	\$4.50	\$7.75	\$9.25	\$1.50
City of Titusville	\$3.00	\$3.29	\$3.71	\$4.15	\$5.30	\$5.57	\$5.85	\$6.15	\$6.62	\$6.96	\$7.31	\$0.35
City of Umatilla										\$4.00	\$4.00	\$0.00
City of Venice		\$2.98	\$2.98	\$2.98	\$2.98	\$5.00	\$5.00					
City of West Melbourne										\$3.00	\$3.00	\$0.00
City of West Miami						\$2.50	\$2.50	\$2.50		\$2.50	\$2.50	\$0.00
City of West Palm Beach	\$3.00	\$3.00	\$3.40	\$3.40	\$6.04	\$6.95	\$8.48			\$10.62	\$13.57	\$2.95
City of Wilton Manors		\$3.00	\$3.00	\$3.00	\$3.50	\$3.50	\$3.50	\$3.50	\$4.37	\$4.37	\$5.31	\$0.94
City of Winter Garden	\$7.43	\$4.00	\$4.00			\$4.00					\$5.13	
City of Winter Haven						\$2.68			\$3.16	\$3.16	\$6.81	\$3.65
City of Winter Park							\$9.78	\$11.56	\$11.56	\$11.56	\$11.56	\$0.00
City of Winter Springs	\$2.04	\$2.04	\$2.04	\$3.25	\$3.25	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$0.00
Hillsborough County	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$2.50	\$3.00	\$0.50
Lake County (in mills)						0.5	.4984	.4985	.4985	.50	.50	0

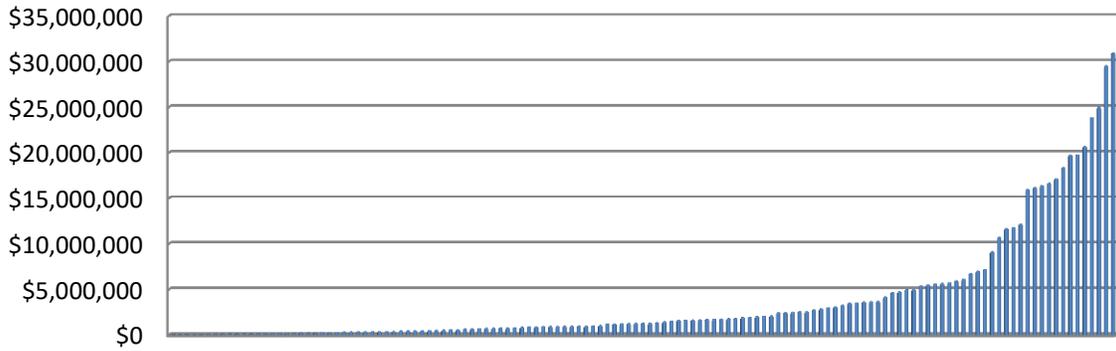
**2-6 Comparative Monthly Stormwater Rates (continued)**

Jurisdiction	1997	1999	2001	2003	2005	2007	2009	2011	2014	2016	2018	Change
Leon County		\$1.67	\$1.67	\$1.67	\$1.67	\$1.67	\$1.67	\$1.67	\$7.08	\$7.08	\$7.08	\$0.00
Marion County						\$1.25	\$1.25	\$1.25	\$1.25	\$1.25	\$1.25	\$0.00
Miami-Dade County			\$2.50	\$3.00	\$4.00	\$4.00	\$4.00	\$4.00	\$4.00	\$4.00	\$4.00	\$0.00
Pasco County							\$3.82	\$3.92	\$3.92	\$4.75	\$7.92	\$3.17
Pinellas County									\$9.67	\$9.81	\$9.81	\$0.00
Polk County (in mils)									.1 mil			
Sarasota County	\$5.83	\$6.70	\$6.70	\$6.70	\$6.70	\$7.24	\$7.55	\$7.55		\$7.55	\$7.55	\$0.00
Town of Bay Harbor Islands				\$5.00						\$5.00		
Town of Belleair										\$11.92	\$11.92	\$0.00
Town of Cutler Bay										\$4.00	\$4.00	\$0.00
Town of Jupiter		\$3.18	\$3.51	\$3.68	\$3.85	\$4.10	\$4.37	\$4.37	\$4.37	\$4.55	\$4.98	\$0.43
Town of Malabar					\$3.00		\$3.00			\$3.00	\$4.50	\$1.50
Town of Medley						\$3.00	\$3.00				\$3.00	
Town of Melbourne Beach							\$3.00		\$3.00	\$3.00	\$3.00	\$0.00
Town of Pembroke Park					\$5.50	\$5.67	\$6.25		\$9.00		\$10.12	
Town of Redington Shores										\$1.50	\$1.50	\$0.00
Town of Surfside										\$5.35	\$5.35	\$0.00
Village of El Portal				\$3.00								
Village of Indian Creek							\$4.39	\$4.39		\$4.38	\$4.38	\$0.00
Village of Key Biscayne										\$13.35	\$13.35	\$0.00
Village of Miami Shores Village				\$2.67	\$3.00	\$3.25	\$3.75	\$3.75				
Village of Palm Springs											\$3.00	
Village of Pinecrest				\$2.00	\$3.00	\$3.00	\$3.00	\$4.00	\$4.00	\$8.00	\$10.00	\$2.00
Village of Wellington										\$19.17	\$19.17	\$0.00
Volusia County	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$6.00	\$6.00	\$6.00	\$6.00	\$6.00	\$6.00	\$0.00

**2-7 How are the majority of your stormwater charges invoiced?**



**2-8** What is the total annual revenue generated by the utility fee?



Average revenue generated is \$3,962,893 (2016 was \$3,622,197).

**2-8** Total Annual Revenue Generated by Utility Fee

Jurisdiction	2018 Revenue
Bay County	1,788,920
Brevard County	6,194,316
Charlotte County	5,000,000
City of Altamonte Springs	2,058,306
City of Auburndale	55,287
City of Bradenton Beach	298,650
City of Callaway	85,000
City of Cape Canaveral	695,500
City of Cape Coral	18,379,336
City of Casselberry	1,760,500
City of Clearwater	16,700,000
City of Clermont	1,038,627
City of Cocoa	1,400,000
City of Cocoa Beach	809,159
City of Coconut Creek	1,670,000
City of Cooper City	130,000
City of Coral Gables	4,222,000
City of Daytona Beach	11,733,000
City of DeBary	791,000
City of DeLand	800,000
City of Doral	3,700,000
City of Dunedin	3,720,500
City of Edgewater	1,554,152
City of Fernandina Beach	780,000
City of Flagler Beach	362,401
City of Fort Lauderdale	9,171,567
City of Fort Meade	193,841
City of Fort Myers	4,700,000
City of Fort Pierce	2,542,540
City of Fort Walton Beach	970,866

Jurisdiction	2018 Revenue
City of Fruitland Park	21,000
City of Gainesville	6,802,057
City of Green Cove Springs	177,400
City of Gulf Breeze	235,000
City of Gulfport	409,368
City of Haines City	500,000
City of Hallandale Beach	1,977,760
City of Hialeah	3,300,000
City of Homestead	1,832,424
City of Indian Harbour Beach	226,114
City of Jacksonville	29,584,022
City of Jacksonville Beach	1,326,178
City of Key Colony Beach	197,000
City of Key West	2,150,000
City of Kissimmee	834,527
City of Lake Alfred	45,000
City of Lake Mary	413,000
City of Lake Worth	1,846,304
City of Lakeland	5,425,000
City of Largo	5,789,000
City of Leesburg	1,983,211
City of Longwood	1,300,000
City of Madeira Beach	375,000
City of Maitland	1,712,000
City of Margate	900,000
City of Melbourne	2,925,000
City of Miami	11,816,631
City of Miami Gardens	5,643,765
City of Miami Springs	450,000
City of Minneola	260,893

**2-8 Total Annual Revenue Generated by Utility Fee (continued)**

Jurisdiction	2018 Revenue
City of Mulberry	280,000
City of Naples	5,032,252
City of Neptune Beach	280,000
City of New Port Richey	985,987
City of New Smyrna Beach	2,100,000
City of Niceville	485,000
City of North Bay Village	116,575
City of North Lauderdale	750,000
City of North Miami	2,598,048
City of Oakland Park	3,150,074
City of Ocala	5,999,400
City of Ocoee	3,549,174
City of Oldsmar	719,000
City of Orange City	631,027
City of Orlando	23,881,352
City of Ormond Beach	239,890
City of Palm Bay	12,200,000
City of Palm Coast	7,048,000
City of Pensacola	2,588,100
City of Pinellas Park	1,266,806
City of Pompano Beach	2,484,310
City of Port Richey	120,000
City of Port St. Lucie	20,727,845
City of Rockledge	1,005,715
City of Safety Harbor	561,000
City of Satellite Beach	512,000
City of Sebastian	986,000
City of St. Augustine	934,570
City of St. Cloud	1,800,000
City of St. Pete Beach	619,300
City of St. Petersburg	16,000,000
City of Stuart	545,000
City of Sunny Isles Beach	1,005,488
City of Sunrise	7,225,952
City of Tallahassee	17,200,000
City of Tamarac	5,539,717
City of Tampa	16,430,716

Jurisdiction	2018 Revenue
City of Tarpon Springs	1,340,092
City of Tavares	1,287,510
City of Titusville	2,500,000
City of Umatilla	99,000
City of West Melbourne	366,577
City of West Miami	150,566
City of West Palm Beach	10,748,860
City of Wilton Manors	480,000
City of Winter Garden	1,506,992
City of Winter Haven	1,700,000
City of Winter Park	3,050,687
City of Winter Springs	1,090,000
Hillsborough County	19,808,100
Lake County	582,300
Leon County	3,539,181
Marion County	3,700,000
Miami-Dade County	31,000,000
Pasco County	25,000,000
Pinellas County	19,800,000
Polk County	1,670,000
Sarasota County	16,207,778
Town of Belleair	350,000
Town of Cutler Bay	950,000
Town of Jupiter	2,782,844
Town of Malabar	108,000
Town of Medley	1,000,000
Town of Melbourne Beach	53,000
Town of Pembroke Park	1,345,000
Town of Redington Shores	45,000
Town of Surfside	137,000
Village of Indian Creek	183,538
Village of Key Biscayne	1,003,187
Village of Palm Springs	383,731
Village of Pinecrest	1,253,686
Village of Wellington	5,700,000
Volusia County	4,780,750

**2-8 Comparative Annual Stormwater Revenue**

Jurisdiction	2007	2009	2011	2014	2016	2018	Change
Bay County	\$14,000	\$1,400,000			\$1,755,880	\$1,788,920	\$33,040
Brevard County	\$3,203,202	\$3,203,202	\$3,306,078	\$3,402,357	\$4,956,903	\$6,194,316	\$1,237,413
Charlotte County	\$5,000,000		\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$0
City of Altamonte Springs	\$1,627,000	\$1,915,871	\$1,915,871	\$1,915,871	\$2,022,364	\$2,058,306	\$35,942
City of Atlantic Beach	\$377,500	\$482,000	\$508,124	\$855,000	\$1,135,000		
City of Auburndale	\$44,829	\$44,829	\$42,966	\$42,966	\$42,966	\$55,287	\$12,321
City of Aventura	\$963,000		\$801,532				
City of Boca Raton					\$1,800,000		
City of Boynton Beach	\$3,200,000				\$3,200,000		
City of Bradenton					\$1,847,000		
City of Bradenton Beach	\$129,000	\$129,000	\$129,000	\$147,000	\$298,650	\$298,650	\$0
City of Callaway					\$85,000	\$85,000	\$0
City of Cape Canaveral	\$334,200	\$334,200	\$334,200	\$581,400	\$582,000	\$695,500	\$113,500
City of Cape Coral	\$13,525,806	\$13,525,806	\$11,912,940	\$12,365,100		\$18,379,336	
City of Casselberry	\$500,000		\$1,748,000	\$1,679,050	\$1,711,878	\$1,760,500	\$48,622
City of Clearwater	\$9,441,000	\$12,400,000	\$14,905,000	\$16,700,000	\$16,700,000	\$16,700,000	\$0
City of Clermont	\$733,000		\$804,800	\$804,800	\$1,038,627	\$1,038,627	\$0
City of Cocoa			\$520,000	\$520,000	\$1,400,000	\$1,400,000	\$0
City of Cocoa Beach	\$585,000	\$585,000	\$585,000	\$566,000	\$566,000	\$809,159	\$243,159
City of Coconut Creek				\$1,552,800	\$1,552,800	\$1,670,000	\$117,200
City of Cooper City					\$130,000	\$130,000	\$0
City of Coral Gables				\$2,900,000	\$3,150,000	\$4,222,000	\$1,072,000
City of Daytona Beach	\$5,026,480		\$5,026,480	\$9,399,000	\$9,399,000	\$11,733,000	\$2,334,000
City of DeBary	\$700,000	\$700,000		\$791,000	\$791,000	\$791,000	\$0
City of DeLand						\$800,000	
City of Delray Beach	\$2,200,000	\$2,200,000	\$2,200,000	\$2,200,000	\$2,200,000		
City of Deltona							
City of Doral		\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,700,000	\$700,000
City of Dunedin	\$1,350,000	\$1,618,880	\$2,405,152		\$3,219,581	\$3,720,500	\$500,919
City of Eagle Lake				\$45,000			
City of Edgewater	\$892,417	\$943,423	\$1,276,032	\$1,276,483	\$1,302,571	\$1,554,152	\$251,581
City of Eustis							
City of Fernandina Beach					\$250,000	\$780,000	\$530,000
City of Flagler Beach					\$260,000	\$362,401	\$102,401
City of Ft. Lauderdale	\$3,800,000	\$4,500,000	\$4,864,000	\$5,197,944	\$7,250,762	\$9,171,567	\$1,920,805
City of Ft. Meade	\$139,000	\$140,000	\$140,000	\$140,000	\$207,485	\$193,841	(\$13,644)
City of Ft. Myers		\$2,700,000	\$2,700,000	\$2,860,000	\$3,050,000	\$4,700,000	\$1,650,000
City of Ft. Pierce	\$2,298,787	\$2,700,000	\$2,500,000	\$2,406,000	\$2,406,000	\$2,542,540	\$136,540
City of Ft. Walton Beach			\$670,893	\$670,893	\$892,659	\$970,866	\$78,207
City of Fruitland Park		\$21,000	\$21,000		\$21,000	\$21,000	\$0
City of Gainesville	\$5,946,678	\$6,189,844	\$6,609,596	\$6,753,539	\$7,734,911	\$6,802,057	(\$932,854)
City of Green Cove Springs					\$177,400	\$177,400	\$0
City of Gulf Breeze						\$235,000	
City of Gulfport	\$318,000	\$318,000	\$306,510	\$306,510	\$324,089	\$409,368	\$85,279

**2-8 Comparative Annual Stormwater Revenue (continued)**

Jurisdiction	2007	2009	2011	2014	2016	2018	Change
City of Haines City		\$190,325	\$190,325	\$500,000	\$500,000	\$500,000	\$0
City of Hallandale Beach	\$1,300,000	\$1,300,000	\$1,462,465	\$1,977,760	\$1,977,760	\$1,977,760	\$0
City of Hialeah	\$3,411,100	\$3,420,800	\$3,420,800		\$3,600,000	\$3,300,000	(\$300,000)
City of Holly Hill	\$390,000	\$846,000		\$804,000			
City of Hollywood	\$2,400,000		\$2,400,000				
City of Homestead			\$937,694		\$1,644,744	\$1,832,424	\$187,680
City of Indian Harbour Beach					\$226,114	\$226,114	\$0
City of Jacksonville			\$30,000,000	\$30,600,000	\$30,600,000	\$29,584,022	(\$1,015,978)
City of Jacksonville Beach	\$2,107,502	\$1,209,604		\$1,209,604	\$1,296,045	\$1,326,178	\$30,133
City of Key Colony Beach					\$197,000	\$197,000	\$0
City of Key West				\$2,100,000	\$2,150,000	\$2,150,000	\$0
City of Kissimmee			\$3,625,000	\$4,020,561	\$4,738,000	\$834,527	(\$3,903,473)
City of Lake Alfred				\$45,000	\$45,000	\$45,000	\$0
City of Lake Mary	\$281,108	\$242,500	\$268,000		\$408,930	\$413,000	\$4,070
City of Lake Worth	\$2,717,000		\$2,717,000	\$1,846,304		\$1,846,304	
City of Lakeland	\$1,365,936	\$3,313,960	\$4,320,000	\$4,536,900	\$4,536,900	\$5,425,000	\$888,100
City of Largo	\$1,940,600	\$1,940,600	\$3,709,320		\$5,495,000	\$5,789,000	\$294,000
City of Lauderhill			\$5,058,801				
City of Leesburg			\$1,500,000	\$1,400,000	\$1,400,000	\$1,983,211	\$583,211
City of Longwood	\$1,300,000	\$1,300,000	\$1,300,000		\$1,300,000	\$1,300,000	\$0
City of Madeira Beach	\$375,000	\$375,000				\$375,000	
City of Maitland				\$1,141,392	\$1,141,392	\$1,712,000	\$570,608
City of Margate	\$688,000	\$900,000			\$900,000	\$900,000	\$0
City of Melbourne				\$2,300,000	\$2,700,000	\$2,925,000	\$225,000
City of Miami	\$8,962,242	\$9,508,218			\$11,424,031	\$11,816,631	\$392,600
City of Miami Gardens		\$3,500,000	\$3,500,000	\$4,000,000	\$4,000,000	\$5,643,765	\$1,643,765
City of Miami Springs	\$281,000			\$278,515	\$210,000	\$450,000	\$240,000
City of Minneola	\$91,000	\$91,000			\$190,800	\$260,893	\$70,093
City of Miramar	\$1,257,000						
City of Mount Dora		\$24,760	\$24,760	\$848,843			
City of Mulberry			\$217,885	\$217,885		\$280,000	
City of Naples	\$1,506,900	\$4,150,000	\$4,754,978	\$4,754,978	\$4,773,000	\$5,032,252	\$259,252
City of Neptune Beach	\$195,000	\$173,127		\$173,127	\$280,000	\$280,000	\$0
City of New Port Richey	\$542,119	\$542,119	\$542,119		\$542,119	\$985,987	\$443,868
City of New Smyrna Beach					\$1,800,000	\$2,100,000	\$300,000
City of Niceville	\$222,100	\$375,000	\$388,000	\$425,000	\$480,000	\$485,000	\$5,000
City of North Bay Village					\$112,927	\$116,575	\$3,648
City of North Lauderdale	\$329,000	\$375,000		\$375,000	\$375,000	\$750,000	\$375,000
City of North Miami	\$2,072,818	\$2,260,385			\$2,448,000	\$2,598,048	\$150,048
City of North Miami Beach	\$1,287,000		\$1,280,359	\$1,275,000			
City of Oakland Park	\$3,120,000	\$3,120,000	\$2,850,000	\$3,000,000	\$3,000,070	\$3,150,074	\$150,004

**2-8 Comparative Annual Stormwater Revenue (continued)**

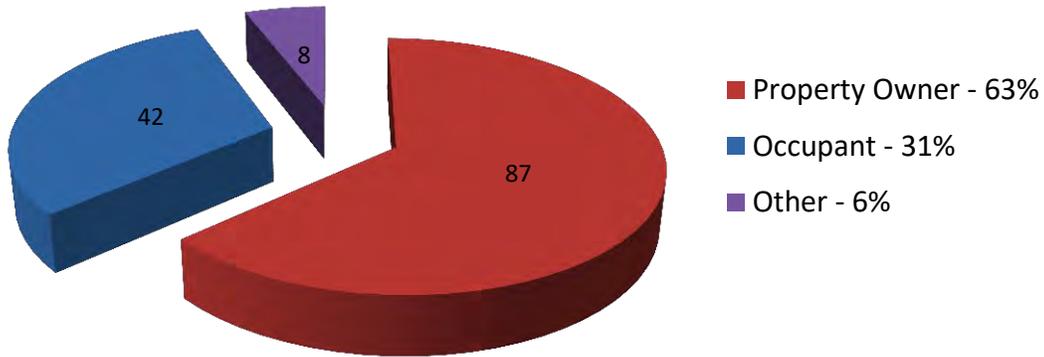
Jurisdiction	2007	2009	2011	2014	2016	2018	Change
City of Ocala	\$4,372,793	\$4,245,131	\$4,245,131		\$4,803,148	\$5,999,400	\$1,196,252
City of Ocoee	\$2,275,470		\$3,209,160			\$3,549,174	
City of Oldsmar	\$320,000	\$320,000		\$509,000	\$600,000	\$719,000	\$119,000
City of Orange City						\$631,027	
City of Orlando	\$20,188,000	\$22,519,940	\$22,878,645	\$22,632,278	\$23,881,352	\$23,881,352	\$0
City of Ormond Beach				\$2,550,000	\$2,550,000	\$239,890	(\$2,310,110)
City of Oviedo		\$697,000		\$697,000			
City of Palm Bay					\$3,135,767	\$12,200,000	\$9,064,233
City of Palm Coast	\$3,100,000	\$3,700,000	\$5,440,000	\$7,852,470	\$7,048,000	\$7,048,000	\$0
City of Pensacola	\$1,900,000	\$1,900,000	\$1,900,000	\$2,410,000	\$2,588,100	\$2,588,100	\$0
City of Pinellas Park					\$1,237,542	\$1,266,806	\$29,264
City of Plant City		\$2,082,000					
City of Pompano Beach	\$2,400,000	\$2,400,000		\$2,420,000	\$2,843,950	\$2,484,310	(\$359,640)
City of Port Orange	\$3,140,000	\$3,480,389					
City of Port Richey						\$120,000	
City of Port St. Lucie	\$14,000,000	\$14,800,000			\$20,422,000	\$20,727,845	\$305,845
City of Riviera Beach	\$1,500,000			\$1,600,000	\$3,200,000		
City of Rockledge	\$985,000	\$905,000	\$939,000	\$939,000	\$875,250	\$1,005,715	\$130,465
City of Safety Harbor	\$510,000	\$561,000	\$561,000	\$561,000	\$561,000	\$561,000	\$0
City of Sanford		\$2,113,200	\$3,746,409		\$4,705,595		
City of Satellite Beach	\$165,153	\$212,339			\$513,303	\$512,000	(\$1,303)
City of Sebastian					\$986,000	\$986,000	\$0
City of South Pasadena					N/A	N/A	
City of St. Augustine	\$886,000	\$734,328		\$800,000		\$934,570	
City of St. Cloud		\$1,380,000				\$1,800,000	
City of St. Pete Beach				\$619,300		\$619,300	
City of St. Petersburg	\$10,500,000	\$11,000,000	\$11,000,000	\$13,000,000	\$13,000,000	\$16,000,000	\$3,000,000
City of Stuart	\$481,320	\$535,000	\$545,000	\$545,000	\$545,000	\$545,000	\$0
City of Sunny Isles Beach	\$525,000		\$525,000			\$1,005,488	
City of Sunrise	\$1,670,000	\$2,872,064	\$4,034,100	\$6,202,817		\$7,225,952	
City of Sweetwater					NR	NR	
City of Tallahassee	\$9,000,000	\$9,000,000	\$9,000,000	NR	NR	\$17,200,000	
City of Tamarac	\$4,155,850	\$4,498,587	\$4,953,790	\$4,953,790	\$4,346,747	\$5,539,717	\$1,192,970
City of Tampa	\$6,118,638	\$6,902,089	\$7,005,850	\$7,128,021	\$16,056,716	\$16,430,716	\$374,000
City of Tarpon Springs		\$1,028,000	\$1,028,000	\$1,028,000		\$1,340,092	
City of Tavares			\$139,760	\$139,760	\$964,613	\$1,287,510	\$322,897
City of Titusville	\$1,700,000	\$1,800,000	\$2,000,000	\$2,300,000	\$2,300,000	\$2,500,000	\$200,000
City of Umatilla					\$99,000	\$99,000	\$0
City of Venice	\$1,750,000	\$2,000,000					
City of West Melbourne					\$386,431	\$366,577	(\$19,854)
City of West Miami	\$85,000	\$85,000	\$85,000		\$126,534	\$150,566	\$24,032
City of West Palm Beach	\$7,000,000	\$8,000,000			\$10,748,860	\$10,748,860	\$0
City of Wilton Manors	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$480,000	\$230,000

**2-8 Comparative Annual Stormwater Revenue (continued)**

Jurisdiction	2007	2009	2011	2014	2016	2018	Change
City of Winter Garden	\$1,468,096					\$1,506,992	
City of Winter Haven	\$584,938			\$1,409,395	\$1,409,395	\$1,700,000	\$290,605
City of Winter Park		\$1,518,000	\$2,951,679	\$2,963,998	\$3,021,777	\$3,050,687	\$28,910
City of Winter Springs	\$1,048,000	\$1,055,000	\$1,050,000	\$980,000	\$1,090,000	\$1,090,000	\$0
Hillsborough County	\$5,527,000	\$5,500,000	\$5,800,000	\$6,300,000	\$16,900,000	\$19,808,100	\$2,908,100
Lake County	\$5,000,000	\$1,300,000	\$3,200,000	\$3,200,000	\$504,000	\$582,300	\$78,300
Leon County	\$831,348	\$831,348	\$1,070,599	\$3,203,866	\$3,492,616	\$3,539,181	\$46,565
Marion County	\$3,150,000	\$3,700,000	\$3,400,000	\$3,500,000	\$3,500,000	\$3,700,000	\$200,000
Miami-Dade County	\$37,175,000	\$31,000,000	\$31,000,000	\$31,000,000	\$31,000,000	\$31,000,000	\$0
Pasco County		\$11,000,000	\$11,000,000	\$12,000,000	\$14,000,000	\$25,000,000	\$11,000,000
Pinellas County				\$17,006,064	\$18,000,000	\$19,800,000	\$1,800,000
Polk County				\$1,400,000	\$1,400,000	\$1,670,000	\$270,000
Sarasota County	\$15,829,625	\$17,161,862	\$16,994,185		\$17,092,167	\$16,207,778	(\$884,389)
Town of Bay Harbor Islands					\$206,000		
Town of Belleair					\$350,000	\$350,000	\$0
Town of Cutler Bay					\$950,000	\$950,000	\$0
Town of Jupiter	\$1,825,000	\$2,205,410	\$2,206,489	\$2,229,043	\$2,493,964	\$2,782,844	\$288,880
Town of Malabar		\$60,000			\$72,000	\$108,000	\$36,000
Town of Medley	\$1,000,000	\$1,000,000				\$1,000,000	
Town of Melbourne Beach		\$53,000		\$53,000	\$53,000	\$53,000	\$0
Town of Pembroke Park	\$580,000	\$730,000		\$1,225,000		\$1,345,000	
Town of Redington Shores					\$45,000	\$45,000	\$0
Town of Surfside					\$137,000	\$137,000	\$0
Village of El Portal							
Village of Indian Creek	\$175,900	\$175,900	\$181,000	\$181,000	\$181,000	\$183,538	\$2,538
Village of Key Biscayne					\$1,003,187	\$1,003,187	\$0
Village of Miami Shores	\$132,570	\$224,000	\$224,000				
Village of Palm Springs						\$383,731	
Village of Pinecrest	\$367,450	\$378,620	\$449,041	\$449,041	\$919,600	\$1,253,686	\$334,086
Village of Wellington					\$5,700,000	\$5,700,000	\$0
Volusia County	\$4,500,000	\$4,600,000	\$4,842,897	\$4,622,778	\$4,780,750	\$4,780,750	\$0

Year	2007	2009	2011	2014	2016	2018
<b>Total</b>	<b>\$278,664,475</b>	<b>\$290,723,660</b>	<b>\$316,556,415</b>	<b>\$322,769,203</b>	<b>\$443,030,723</b>	<b>\$568,684,958</b>
<b>Average</b>	<b>\$3,062,247</b>	<b>\$3,230,263</b>	<b>\$3,813,933</b>	<b>\$3,626,620</b>	<b>\$3,661,411</b>	<b>\$3,622,197</b>

**2-9 Who is responsible for paying your utility fee?**

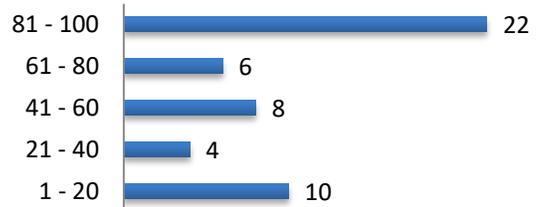
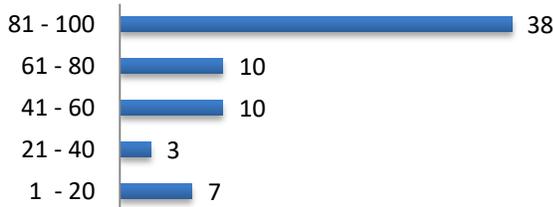


**2-10 For properties that are charged a fee based on actual, on-site impervious area (i.e. *not* a customer class average) please estimate how a majority of this information was initially collected and how it is maintained for your billing database?**

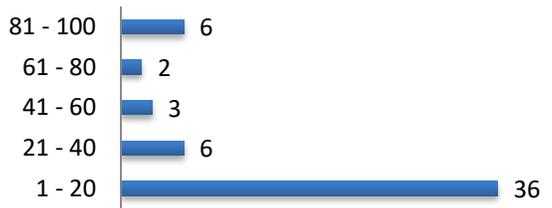
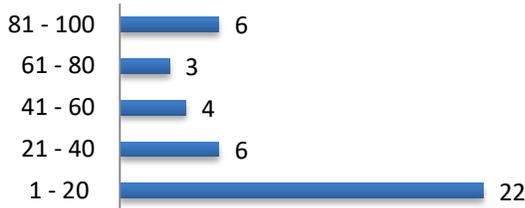
**Initially Collected**

**Maintained**

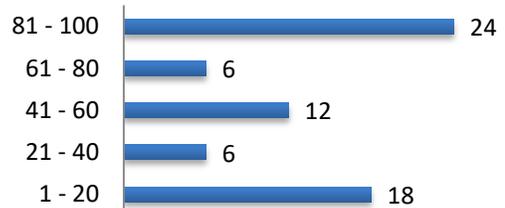
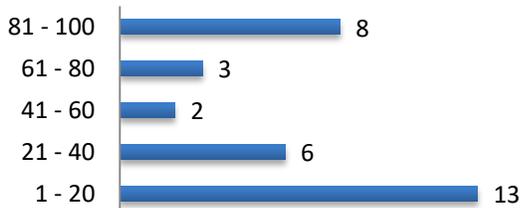
Percent of Parcel Data Acquired from Property Appraiser's



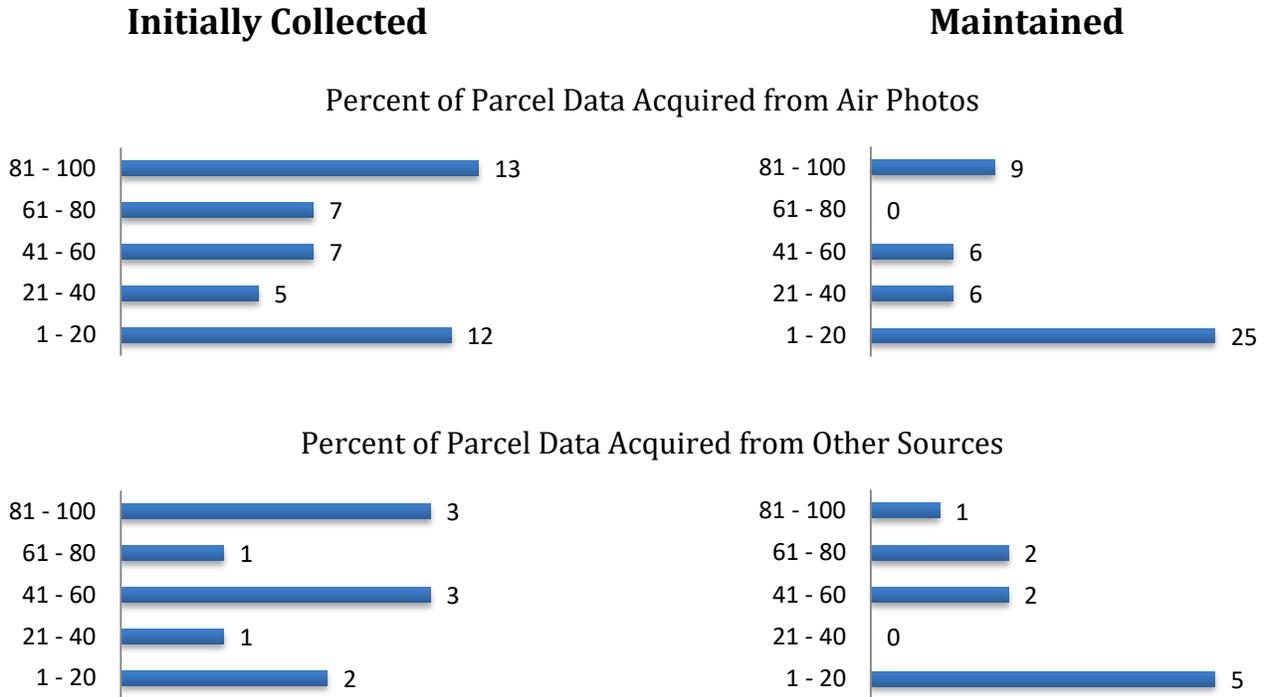
Percent of Parcel Data Acquired from Physical On-Site Measurement



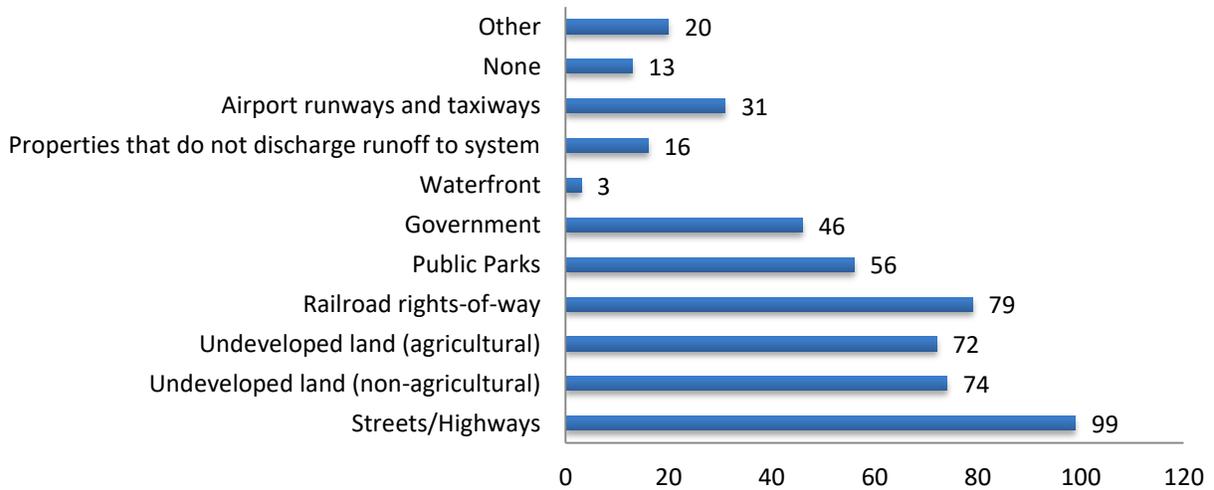
Percent of Parcel Data Acquired from Permit Records



**2-10** For properties that are charged a fee based on actual, on-site impervious area (i.e. *not* a customer class average) please estimate how a majority of this information was initially collected and how it is maintained for your billing database? (Continued)



**2-11** What properties are exempt from your user fees?



**2-12** Please indicate your billing practices with regard to the following governmentally owned properties:

	Exempt	Bill and collect	Bill but don't collect	Not billed
Federal	31	51	8	15
State	33	51	9	15
County	34	61	4	13
City	35	65	4	14
School District	37	47	19	3
Special District	17	50	3	11

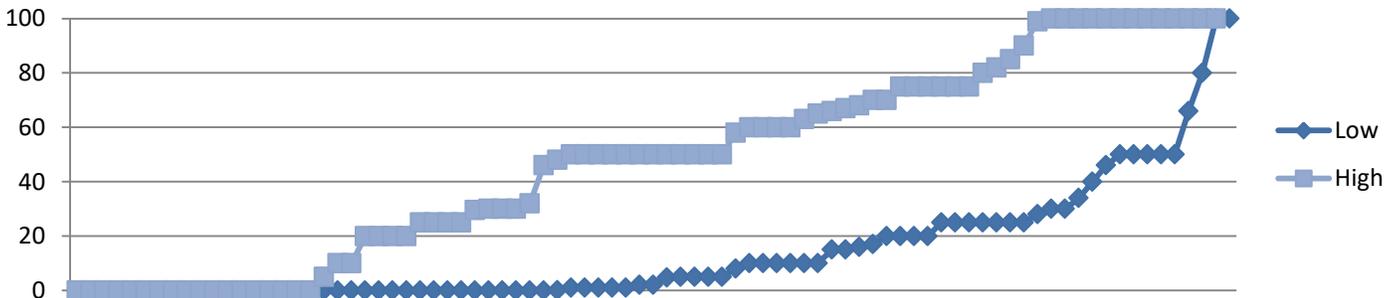
**2-13** Of those accounts that receive credits, what is the average percent reduction in the utility fee?

Average Reduction:	28.09 %
--------------------	---------

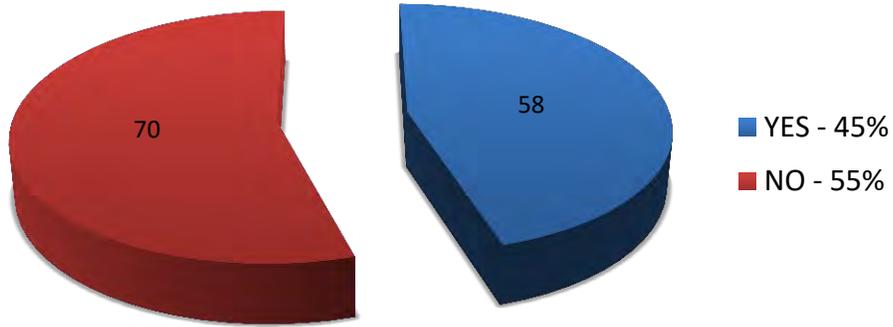
**2-14** Of the total number of SWU accounts, how many receive credits?

Reported number of accounts that receive credits:	357,197
Average number of accounts that receive credits:	3,502

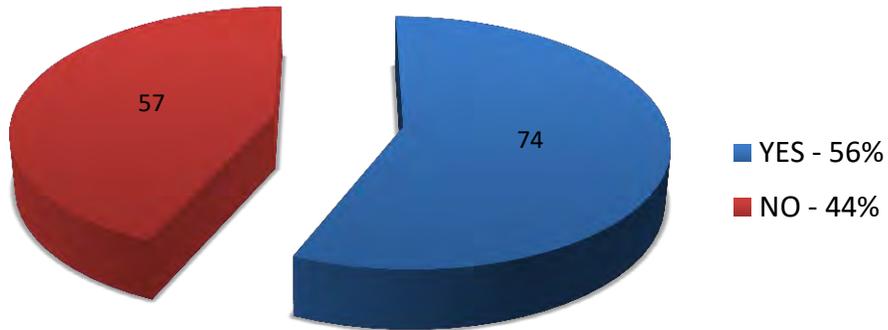
**2-15** Of those accounts that receive credits, what is the range in possible percent reductions in SWU fees?



**2-16** Are credits provided for private detention/retention facilities?



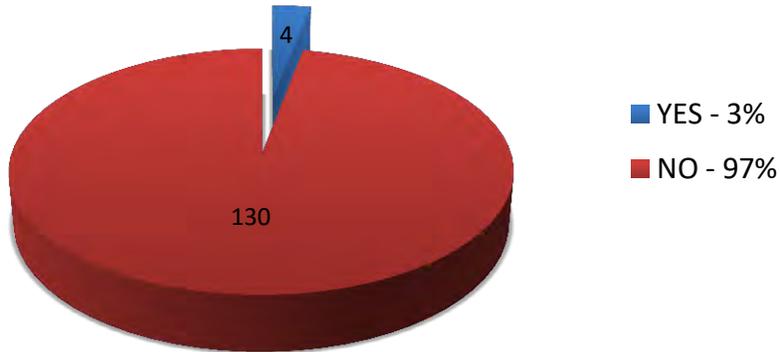
**2-17** Are user fees for single-family detached dwellings the same as for individual units in multi-family (e.g. apartments, condominiums)?



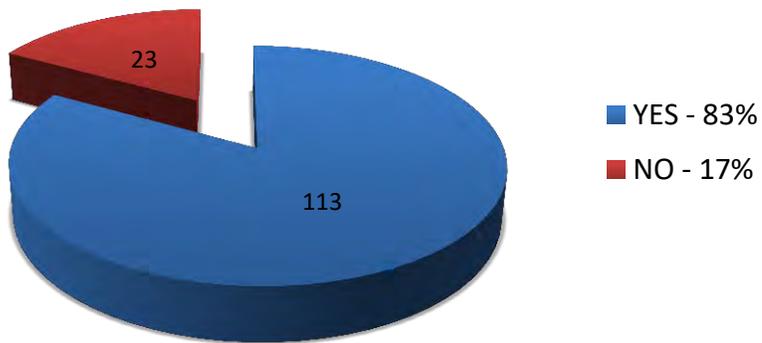
**2-18** Do user fees vary by watershed?



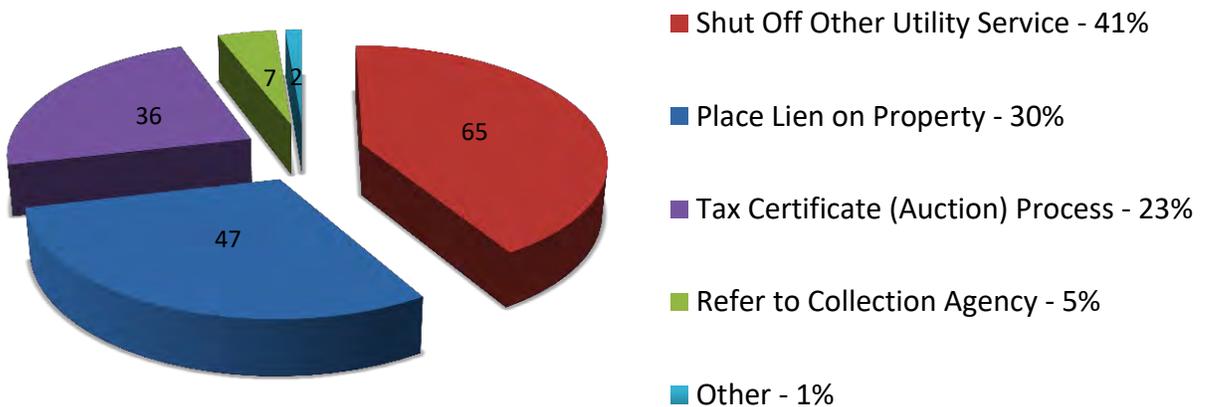
**2-19** Are different fees charged within the “zone-of-benefit” of specific capital projects to account for differences in capital costs?



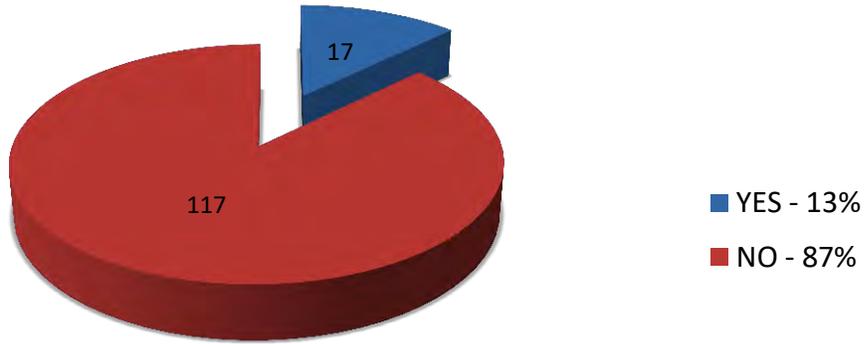
**2-20** Does your local code require private detention/retention facilities?



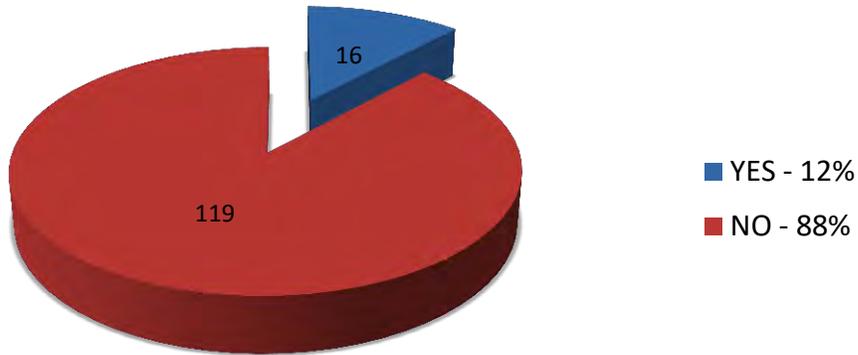
**2-21** How is payment of the utility charge enforced?



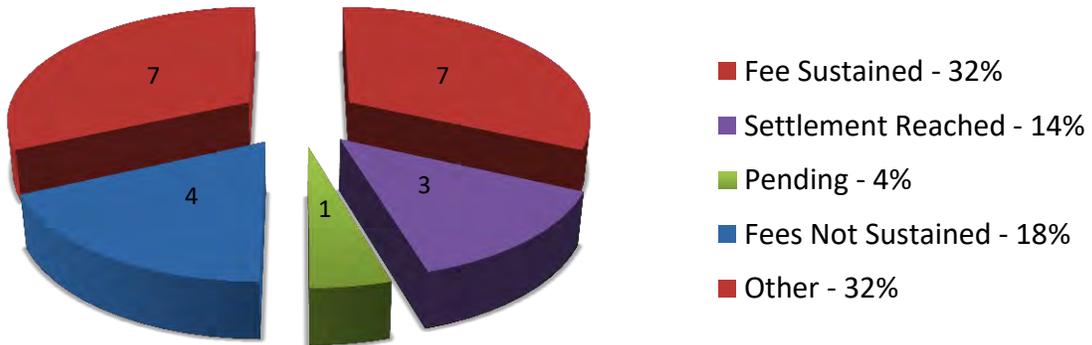
**2-22** Were interim rates established during the formation of the utility prior to adoption of a permanent rate format?



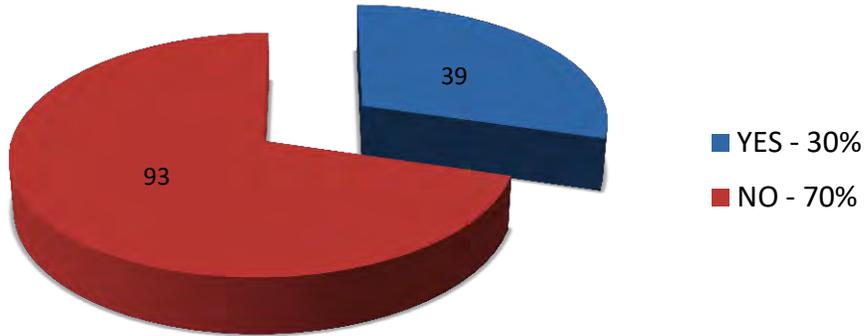
**2-23** Have your stormwater fees or assessments faced a legal challenge in court?



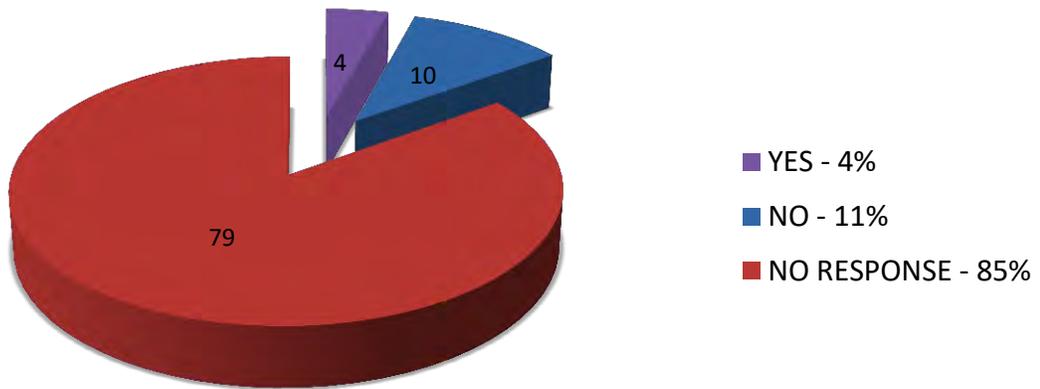
**2-24** If your charges have been challenged in court, what was the outcome?



**2-25** Has your jurisdiction modified your SWU rate structure to take into account new water quality requirements and corresponding costs as a result of the TMDL program?



If not, are you actively considering such modifications?



# Stormwater Program

# Local Connections, Global Ideas



## Transforming Communities

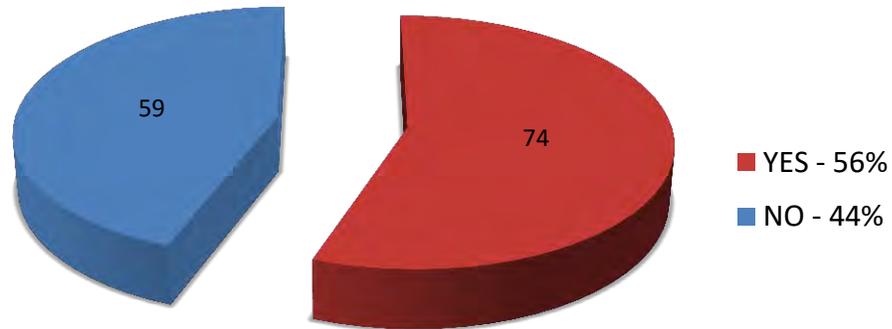
Our clients face tough decisions with limited resources. That's why we sponsor leading water associations and research, to help make great things possible in our industry.

- Coral Gables
- Fort Lauderdale
- Jacksonville
- Miami Lakes
- Orlando
- Pensacola
- Sarasota
- Tallahassee
- Tampa
- West Palm Beach

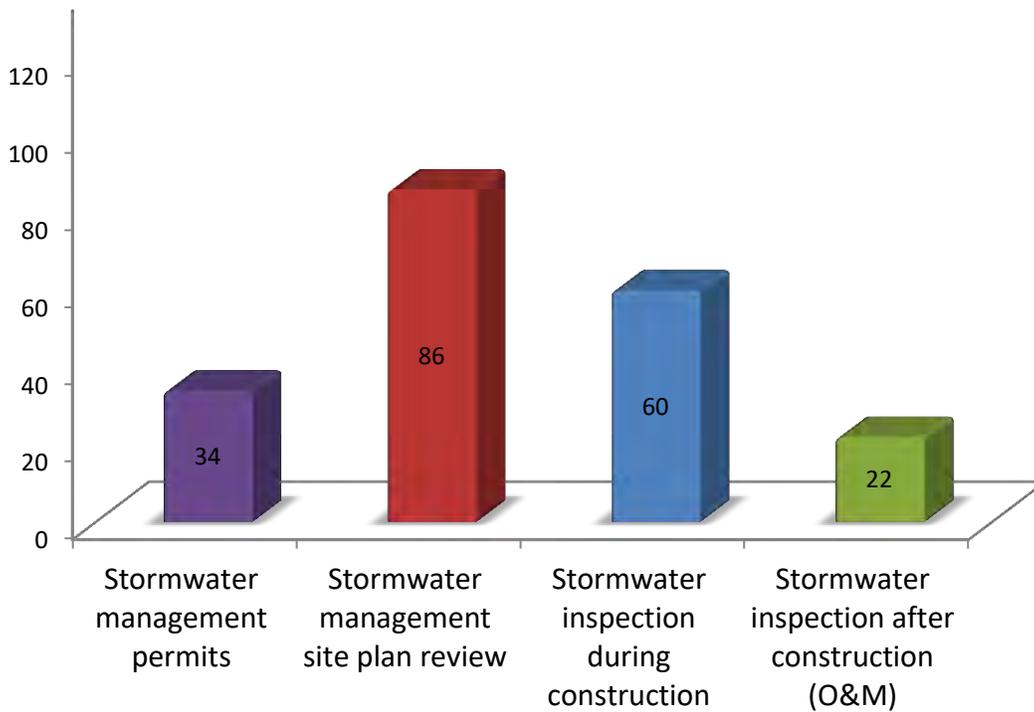


Proud Sponsor of the  
Florida Stormwater Association  
[hdrinc.com](http://hdrinc.com)

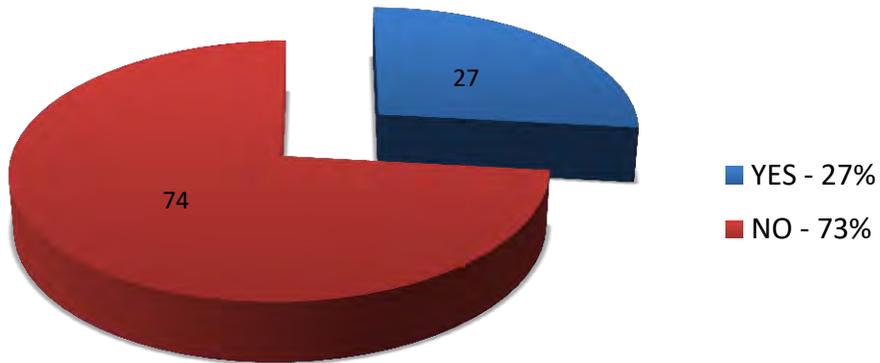
**3-1** Does your utility use operation and maintenance permits (or other enforcement methods) to require private owners to maintain their on-site stormwater facilities?



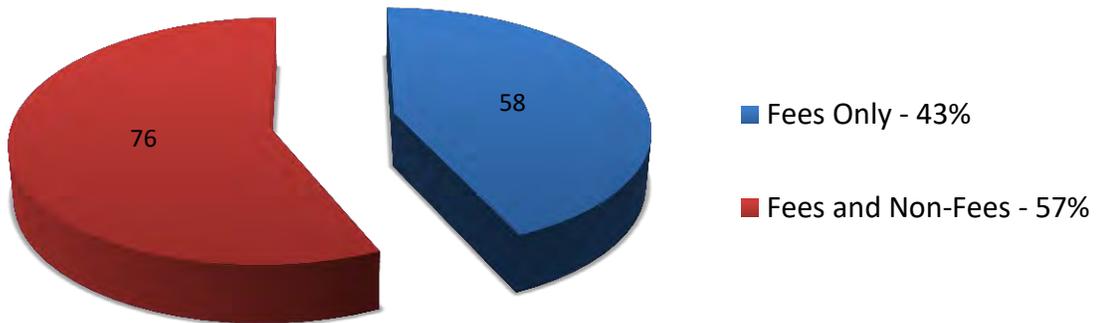
**3-2** Does your jurisdiction charge a fee for:



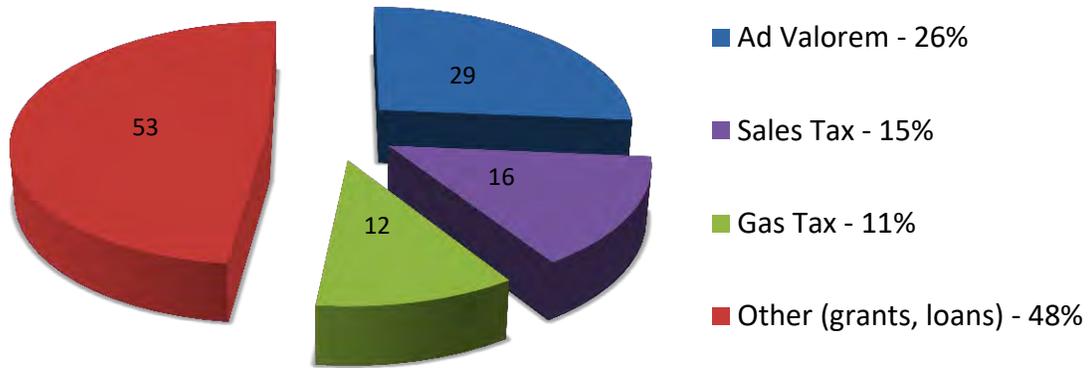
**3-3** If your jurisdiction does charge fees for any of the services in question 3-2, does your SWU receive some or all of these revenues?



**3-4** Is your stormwater capital construction program funded only from stormwater fee revenue?



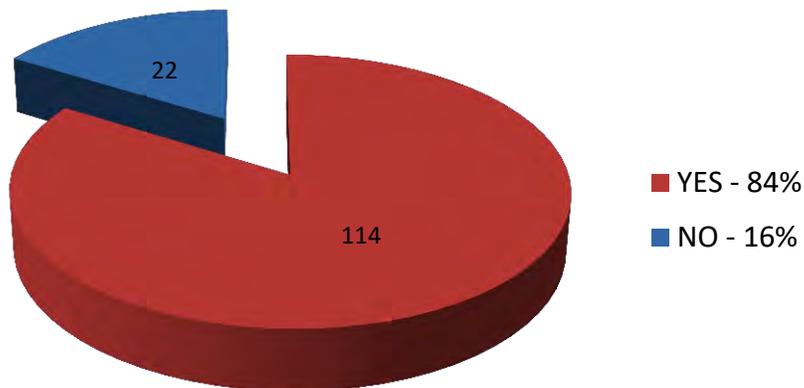
**3-5** If non-fee funds are used for capital construction, what is the source of the revenue?



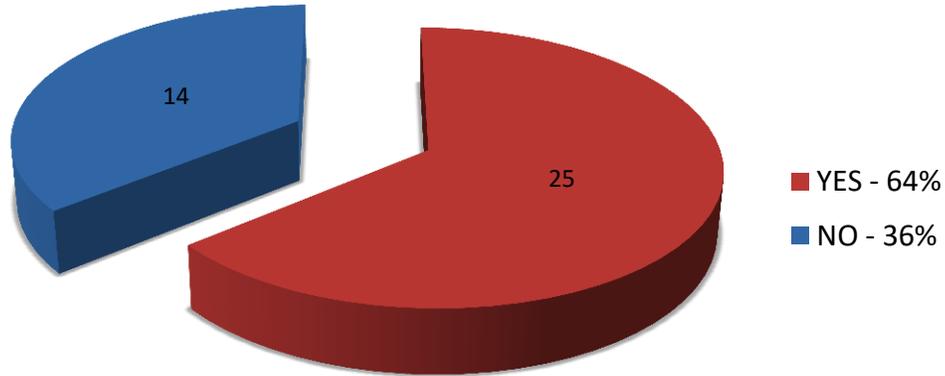
**3-6** Please estimate your jurisdiction’s capital improvement needs for stormwater management over the following periods of time.

Period of Time	Total Estimated Need	Average Need	# of Respondents
Next 5 Years	\$1,720,543,378	\$13,988,158	123
Next 10 Years	\$3,369,598,662	\$35,099,986	96
Next 20 Years	\$3,161,934,456	\$40,024,487	80

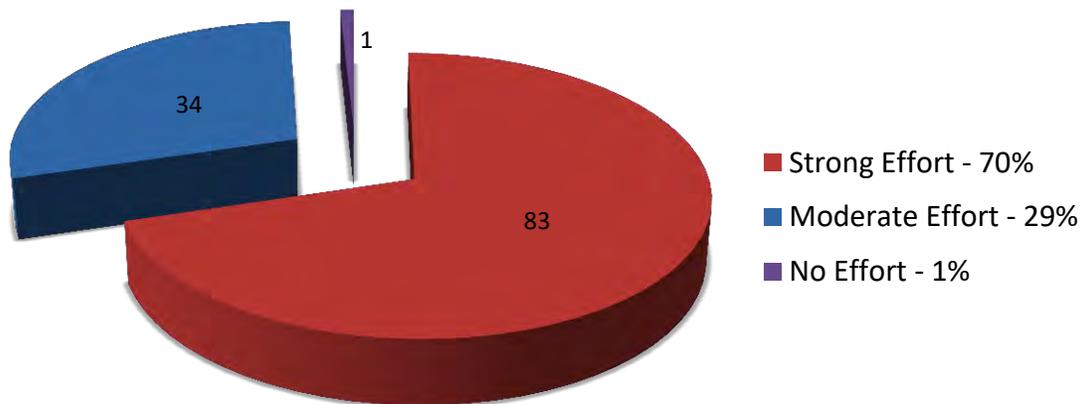
**3-7** Does your jurisdiction have an adopted stormwater master plan?



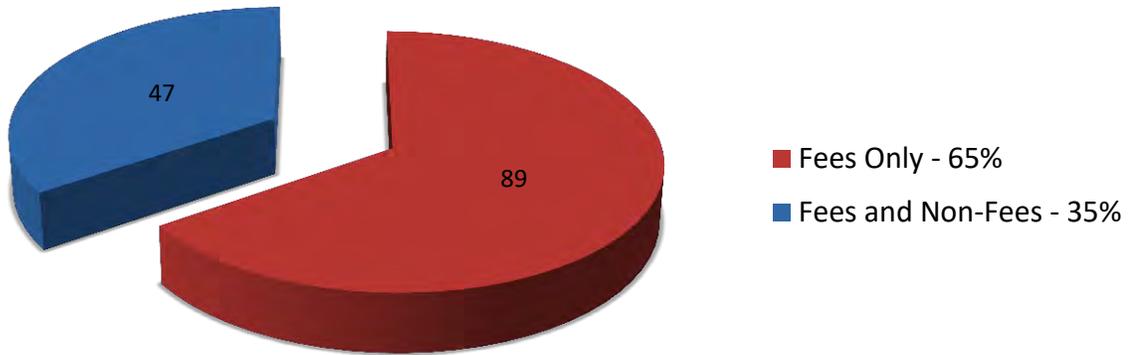
**3-8** If your jurisdiction does not have an adopted stormwater master plan (i.e. you answered “No” to question 3-7), is the establishment of such a plan under active consideration?



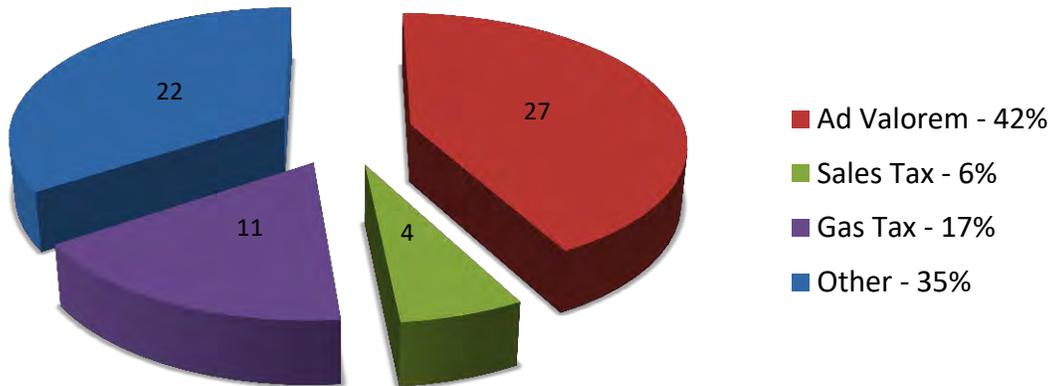
**3-9** If your jurisdiction does have an adopted stormwater master plan (i.e. you answered “Yes” to question 3-7), does your jurisdiction make an effort to coordinate your Local Government Comprehensive Plan with your stormwater Master Plan and NPDES Program concepts?



**3-10** Is your stormwater operating budget funded from only stormwater fee revenue, or are other non-fee funds utilized?



**3-11** If non-fee funds are used for operations, what is the source of the revenue?



**3-12 What is the current number of full-time equivalent employees funded with stormwater fee revenue?**

NR = No Response

Jurisdiction	Revenue	FTE's
Bay County	\$1,788,920	NR
Brevard County	\$6,194,316	16.36
Charlotte County	\$5,000,000	4
City of Altamonte Springs	\$2,058,306	12
City of Auburndale	\$55,287	0
City of Bradenton Beach	\$298,650	2
City of Callaway	\$85,000	1
City of Cape Canaveral	\$695,500	0.5
City of Cape Coral	\$18,379,336	96
City of Casselberry	\$1,760,500	9.75
City of Clearwater	\$16,700,000	52
City of Clermont	\$1,038,627	8.7
City of Cocoa	\$1,400,000	5.5
City of Cocoa Beach	\$809,159	4
City of Coconut Creek	\$1,670,000	9
City of Cooper City	\$130,000	4
City of Coral Gables	\$4,222,000	8
City of Daytona Beach	\$11,733,000	35
City of DeBary	\$791,000	5
City of DeLand	\$800,000	9.5
City of Doral	\$3,700,000	2
City of Dunedin	\$3,720,500	13.66
City of Edgewater	\$1,554,152	10
City of Fernandina Beach	\$780,000	4
City of Flagler Beach	\$362,401	1.41
City of Fort Lauderdale	\$9,171,567	27
City of Fort Meade	\$193,841	1.5
City of Fort Myers	\$4,700,000	18
City of Fort Pierce	\$2,542,540	3
City of Fort Walton Beach	\$970,866	6
City of Fruitland Park	\$21,000	0
City of Gainesville	\$6,802,057	62.6
City of Green Cove Springs	\$177,400	2
City of Groveland	N/A	NR
City of Gulf Breeze	\$235,000	3.116
City of Gulfport	\$409,368	3.66
City of Haines City	\$500,000	5
City of Hallandale Beach	\$1,977,760	5
City of Hialeah	\$3,300,000	25
City of Homestead	\$1,832,424	11
City of Indian Harbour Beach	\$226,114	0
City of Jacksonville	\$29,584,022	50
City of Jacksonville Beach	\$1,326,178	1
City of Key Colony Beach	\$197,000	0.12
City of Key West	\$2,150,000	9

Jurisdiction	Revenue	FTE's
City of Kissimmee	\$834,527	34
City of Lake Alfred	\$45,000	0
City of Lake Mary	\$413,000	2
City of Lake Worth	\$1,846,304	10
City of Lakeland	\$5,425,000	28
City of Largo	\$5,789,000	35
City of Leesburg	\$1,983,211	5
City of Longwood	\$1,300,000	3
City of Madeira Beach	\$375,000	1
City of Maitland	\$1,712,000	4
City of Margate	\$900,000	10
City of Melbourne	\$2,925,000	6.5
City of Miami	\$11,816,631	35
City of Miami Gardens	\$5,643,765	12
City of Miami Springs	\$450,000	3
City of Minneola	\$260,893	2
City of Mulberry	\$280,000	3
City of Naples	\$5,032,252	11
City of Neptune Beach	\$280,000	2
City of New Port Richey	\$985,987	3
City of New Smyrna Beach	\$2,100,000	1
City of Niceville	\$485,000	0
City of North Bay Village	\$116,575	0
City of North Lauderdale	\$750,000	8
City of North Miami	\$2,598,048	13
City of Oakland Park	\$3,150,074	9
City of Ocala	\$5,999,400	28
City of Ocoee	\$3,549,174	7
City of Oldsmar	\$719,000	4
City of Orange City	\$631,027	2
City of Orlando	\$23,881,352	85
City of Ormond Beach	\$239,890	9
City of Palm Bay	\$12,200,000	10
City of Palm Coast	\$7,048,000	19
City of Pensacola	\$2,588,100	26
City of Pinellas Park	\$1,266,806	0
City of Pompano Beach	\$2,484,310	10
City of Port Richey	\$120,000	1
City of Port St. Lucie	\$20,727,845	60
City of Rockledge	\$1,005,715	3
City of Safety Harbor	\$561,000	5.2
City of Satellite Beach	\$512,000	3
City of Sebastian	\$986,000	10
City of South Pasadena	N/A	0
City of St. Augustine	\$934,570	5

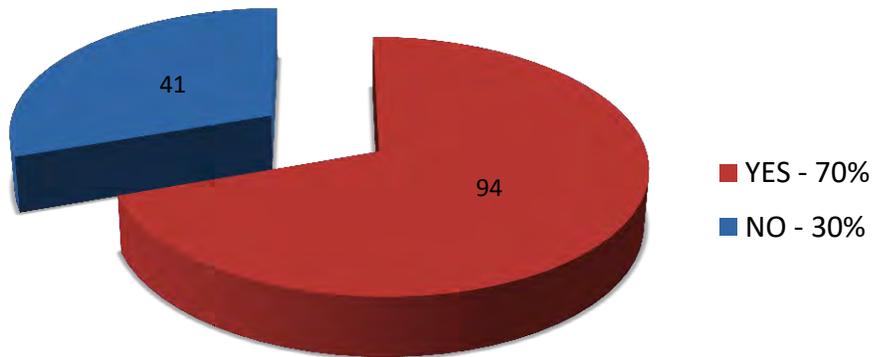
**3-12** What is the current number of full-time equivalent employees funded with stormwater fee revenue (continued)?

NR = No Response

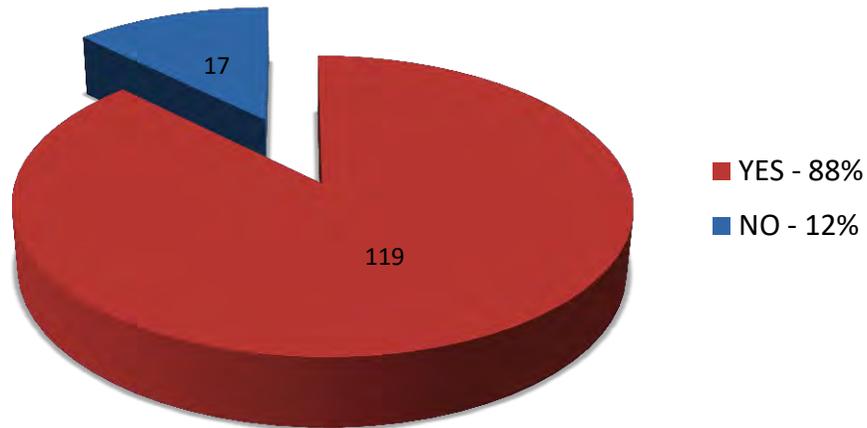
Jurisdiction	Revenue	FTE's
City of St. Cloud	\$1,800,000	9.3
City of St. Pete Beach	\$619,300	0.65
City of St. Petersburg	\$16,000,000	112
City of Stuart	\$545,000	3.33
City of Sunny Isles Beach	\$1,005,488	1
City of Sunrise	\$7,225,952	36
City of Sweetwater	NR	0
City of Tallahassee	\$17,200,000	115
City of Tamarac	\$5,539,717	24
City of Tampa	\$16,430,716	93
City of Tarpon Springs	\$1,340,092	10.1
City of Tavares	\$1,287,510	4
City of Titusville	\$2,500,000	17
City of Umatilla	\$99,000	0
City of West Melbourne	\$366,577	0.8
City of West Miami	\$150,566	1
City of West Palm Beach	\$10,748,860	34
City of Wilton Manors	\$480,000	2
City of Winter Garden	\$1,506,992	2
City of Winter Haven	\$1,700,000	11.9
City of Winter Park	\$3,050,687	22
City of Winter Springs	\$1,090,000	9
Hillsborough County	\$19,808,100	3

Jurisdiction	Revenue	FTE's
Lake County	\$582,300	6
Leon County	\$3,539,181	46
Marion County	\$3,700,000	11.5
Miami-Dade County	\$31,000,000	100
Pasco County	\$25,000,000	52
Pinellas County	\$19,800,000	108
Polk County	\$1,670,000	0
Sarasota County	\$16,207,778	83
Town of Belleair	\$350,000	0
Town of Cutler Bay	\$950,000	2
Town of Jupiter	\$2,782,844	6.5
Town of Malabar	\$108,000	0
Town of Medley	\$1,000,000	2.5
Town of Melbourne Beach	\$53,000	0
Town of Pembroke Park	\$1,345,000	1
Town of Redington Shores	\$45,000	0
Town of Surfside	\$137,000	5
Village of Indian Creek	\$183,538	0
Village of Key Biscayne	\$1,003,187	2
Village of Palm Springs	\$383,731	0
Village of Pinecrest	\$1,253,686	NR
Village of Wellington	\$5,700,000	14.75
Volusia County	\$4,780,750	52

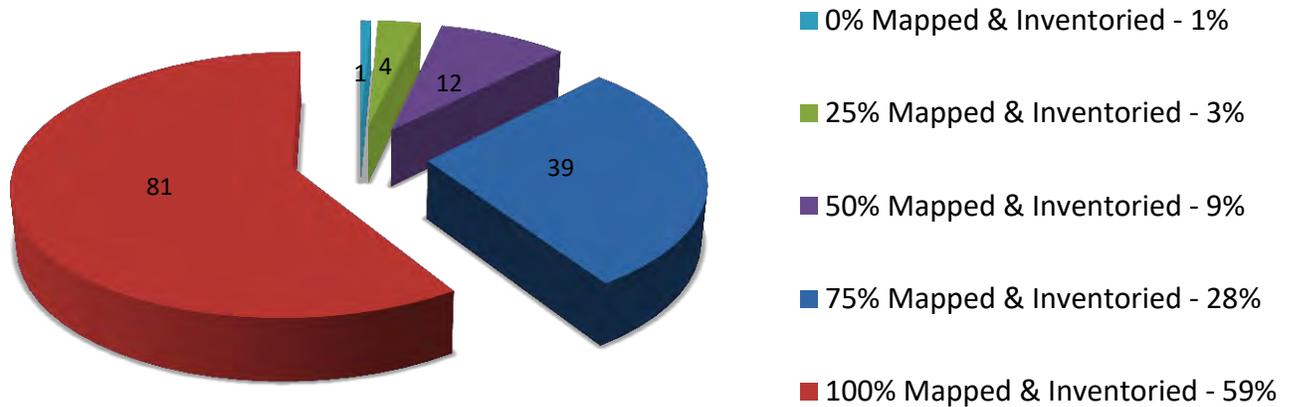
**3-13** Does your jurisdiction monitor improvements in water quality?



**3-14** Does your jurisdiction monitor improvements in flood protection?

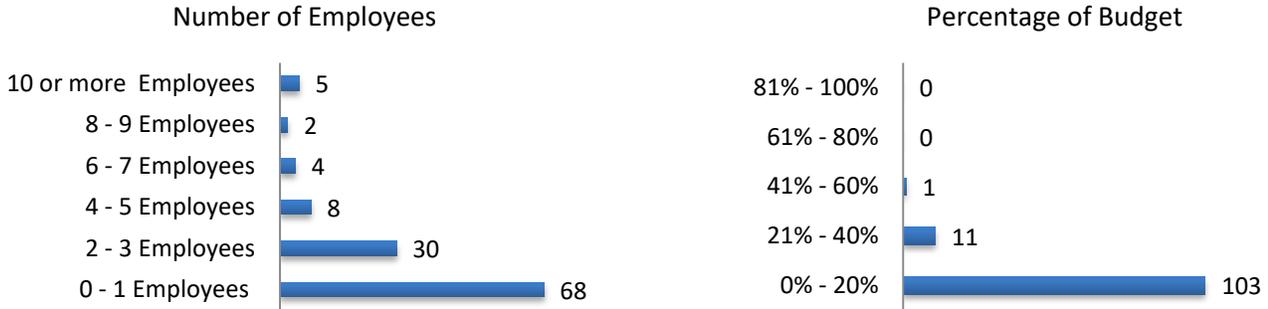


**3-15** What percentage of your jurisdiction's stormwater facilities are mapped and inventoried?

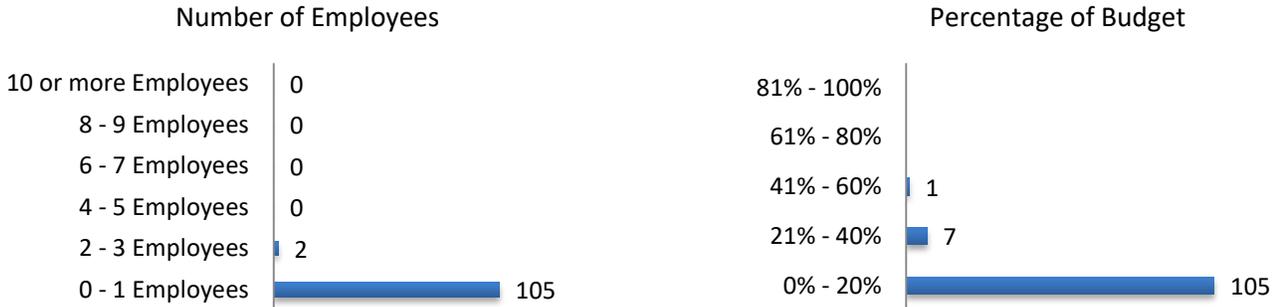


**3-16** Estimate the number of employees (FTEs) and the percentage of your total stormwater program’s annual budget allocated to the following program categories:

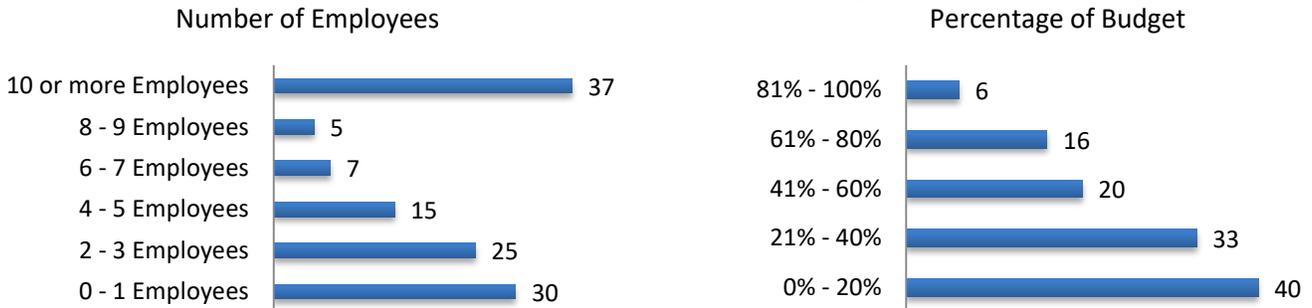
**Administration (management, billing, records, etc.)**



**Overhead Charges (Indirect Cost Allocation) Paid to Parent Governmental Jurisdiction**

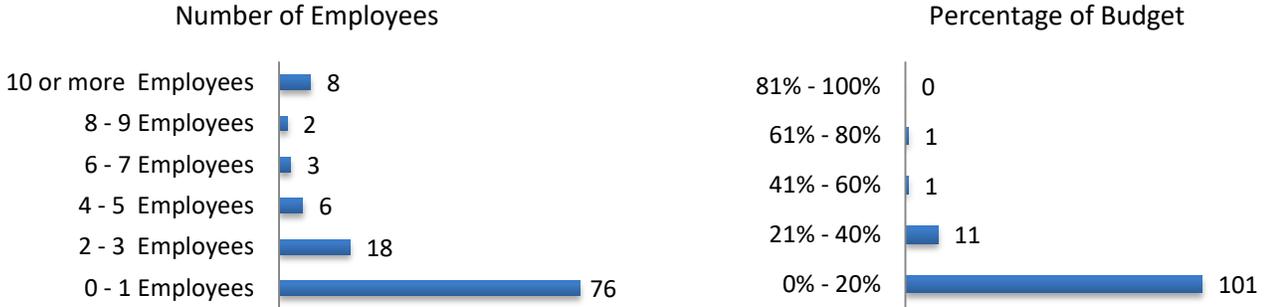


**O&M (Field Activities)**

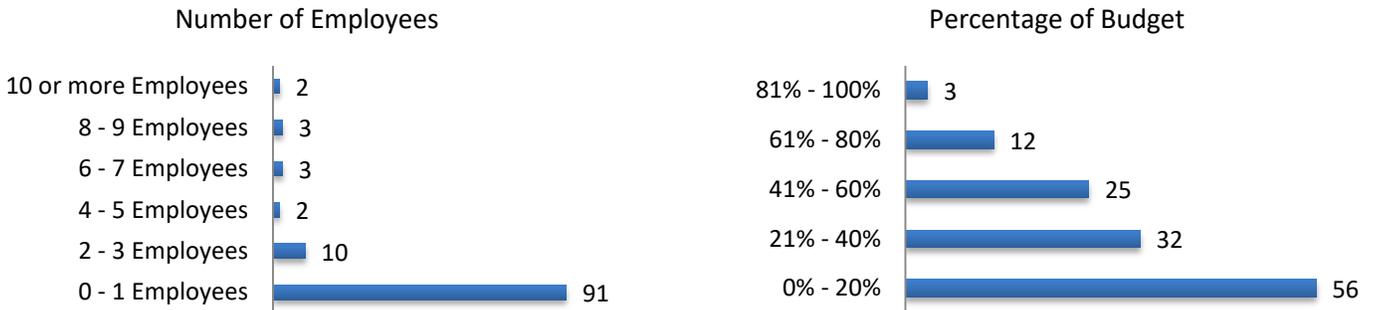


**3-16** Estimate the number of employees (FTEs) and the percentage of your total stormwater program’s annual budget allocated to the following program categories (continued):

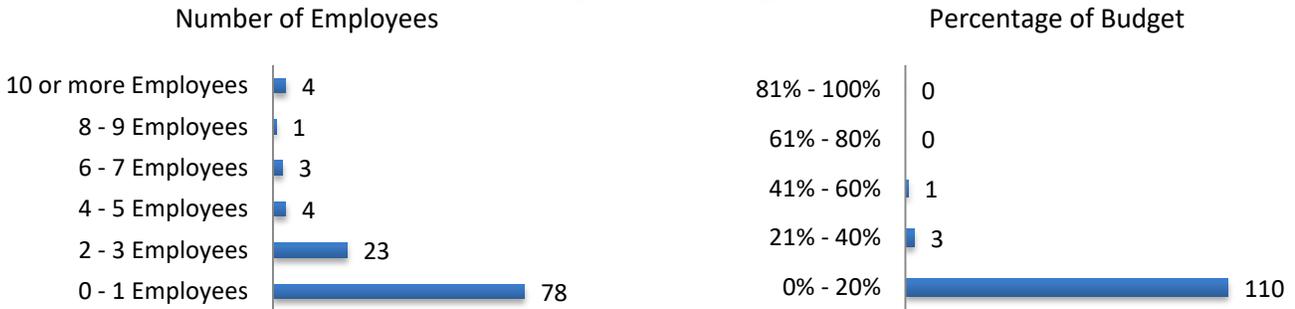
**Technical (Planning, Engineering)**



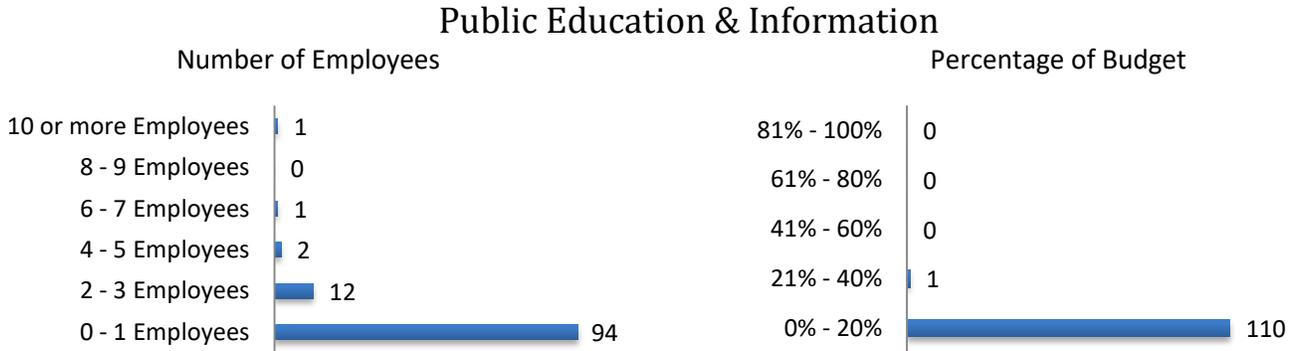
**C.I.P**



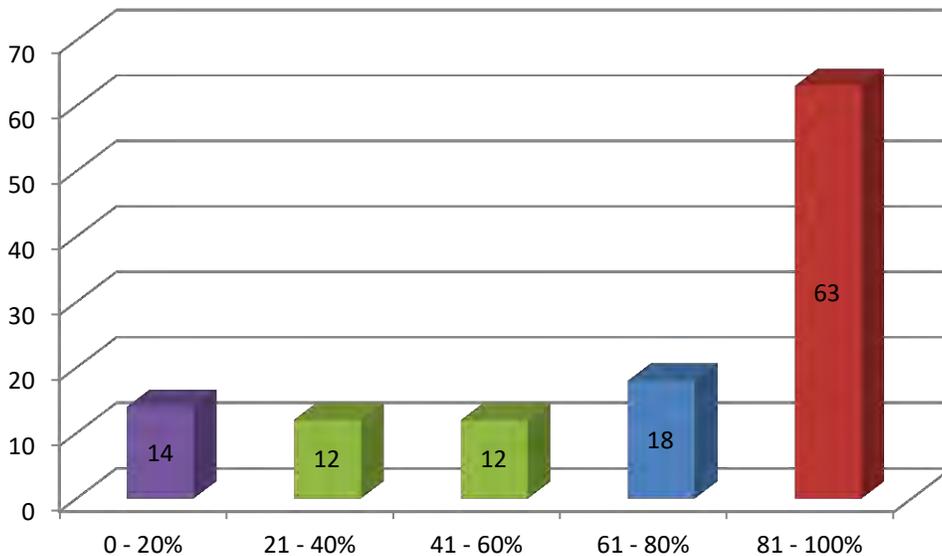
**Monitoring, Permitting, Enforcement**



**3-16** Estimate the number of employees (FTEs) and the percentage of your total stormwater program’s annual budget allocated to the following program categories (continued):

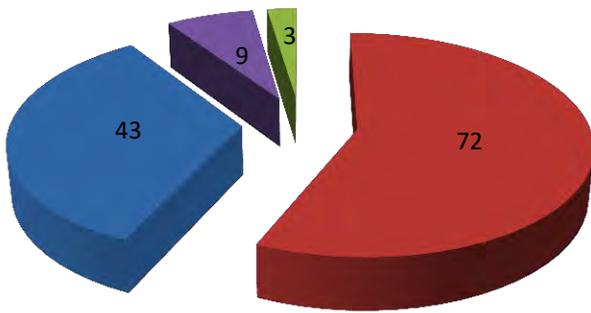


**3-17** For Operations and Maintenance (field) personnel, how many received formal training or certification (from FSA, FDEP, FWPCOA, etc.)?



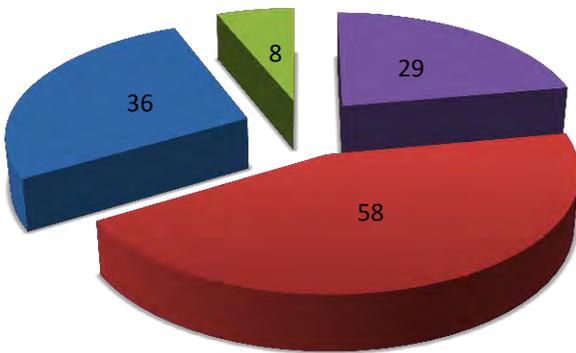
**3-18** Is the stormwater fee revenue sufficient to address the following program areas?

**Administration**



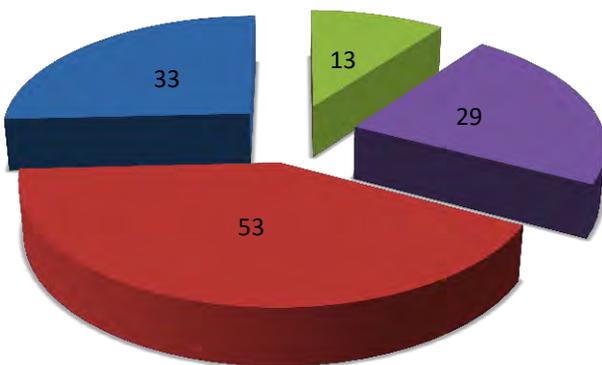
- Adequate to Meet All Needs - 57%
- Adequate to Meet Most Needs - 34%
- Adequate to Meet Urgent Needs - 7%
- Not Adequate to Meet Urgent Needs - 2%

**O & M**



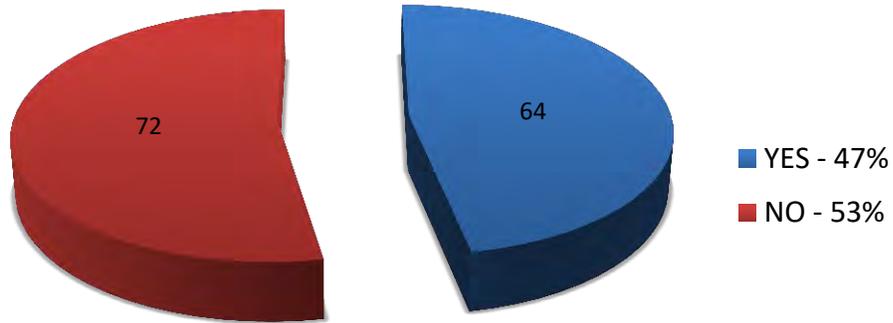
- Adequate to Meet All Needs - 22%
- Adequate to Meet Most Needs - 44%
- Adequate to Meet Urgent Needs - 27%
- Not Adequate to Meet Urgent Needs - 6%

**C.I.P.**



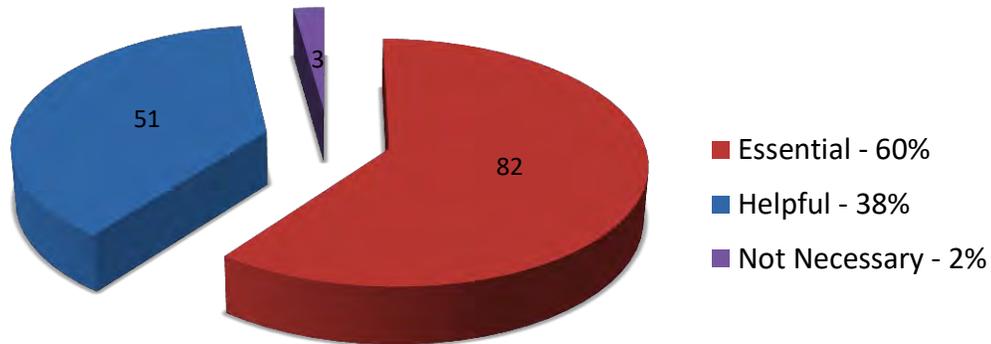
- Adequate to Meet All Needs - 10%
- Adequate to Meet Most Needs - 23%
- Adequate to Meet Urgent Needs - 41%
- Not Adequate to Meet Urgent Needs - 26%

**3-19** Does your utility manage the FEMA community rating system flood management program for your jurisdiction?

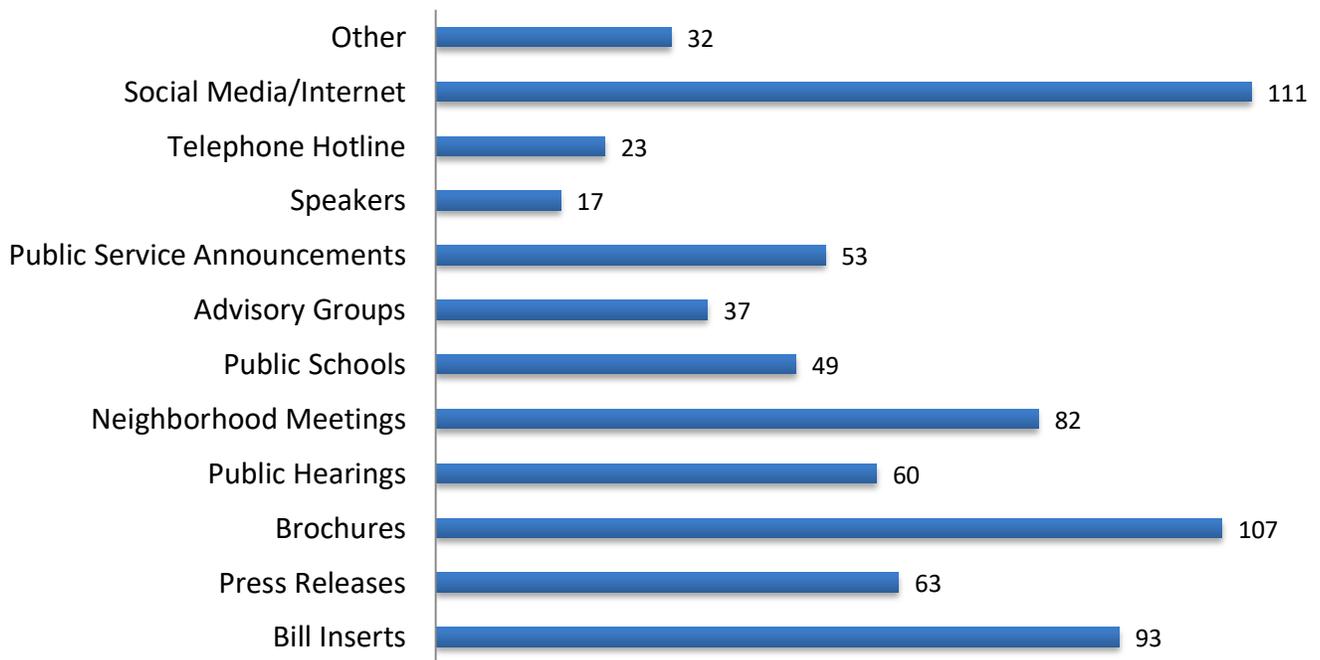


# Public Information Effort

**4-1** How important is an organized public information/education effort to the continuing success of a user fee funded SWU?



**4-2** What media have you found to be most effective in educating the public about utility services, program needs and financing, and citizen responsibilities?



# Appendix



FSA 2018 Stormwater Utility Report

## Survey Respondents

Josee Cyr  
Engineering Division Manager  
**Bay County**  
840 W 11th Street  
Panama City, FL 32401

Joanne Vernon  
Assistant County Engineer  
**Charlotte County**  
410 Taylor Street, Ste 104  
Punta Gorda, FL 33950

Steve Lawson  
Stormwater  
**City of Auburndale**  
915 Charles Avenue  
Auburndale, FL 33823

Justin Hodges  
Street/Stormwater Superintendent  
**City of Callaway**  
6601 E Hwy 22  
Callaway, FL 32404

Stacy Maine  
Strategic Business Analyst  
**City of Cape Coral**  
PO Box 150027  
Cape Coral, FL 33915

Jennifer Shannon  
Stormwater Professional Engineer  
**City of Clearwater**  
100 S Myrtle Avenue, Ste 220  
Clearwater, FL 33756

Everett Wegerif  
Public Works Director  
**City of Cocoa**  
155 N Wilson Avenue  
Cocoa, FL 32922

Bach McClure  
Stormwater Engineering Manager  
**Brevard County**  
2725 Judge Fran Jamieson Way, Bldg A, Rm 219  
Viera, FL 32940

Ed Torres  
Director of Public Works & Utilities  
**City of Altamonte Springs**  
225 Newburyport Avenue  
Altamonte Springs, FL 32701

Tom Woodard  
Public Works Director  
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## More About the Florida Stormwater Association

### Membership

Membership in FSA is organizational: All employees of a member local government, consulting firm or other organization are “members” of FSA! There are seven categories of organizations that may become members of FSA:

- ✓ Local Governments (cities and counties)
- ✓ Consultants (consulting and engineering firms)
- ✓ Product Manufacturers and Vendors
- ✓ Special Districts
- ✓ Academic Departments
- ✓ Law Firms
- ✓ Water Management Districts

For more information about membership, services and dues rates, please visit <http://www.florida-stormwater.org/join> or call FSA at (888) 221-3124.

### Publications

#### [2018 Survey of Stormwater Utilities](#)

The Stormwater Utilities Survey Report summarizes the results of the biennial survey of stormwater utilities in Florida conducted by FSA. Its purpose is to provide information to both managers and policymakers in state and local government. Trends in the characteristics of the stormwater programs, utility rates and other practices within local government can be observed by comparing FSA's survey results. All FSA member organizations and contributors to the Survey receive one complimentary copy of the Report which is sent to the Primary Contact of the organization. New members receive their copy in their Welcome Packet. Additional copies can be [ordered online](#).

#### [Manual for Establishing Stormwater Utilities in Florida](#)

FSA's Manual “Establishing a Stormwater Utility in Florida” was first published in 1998, and revised in 2003 and 2013. It was initially prepared to assist communities that were considering the development and implementation of a stormwater utility as a means of providing supplemental or alternative funding for their stormwater management program. The current edition is also helpful for those jurisdictions with existing utilities that are considering changes to rates or rate structures. Manuals can be [ordered online](#).