



# **2013 Southeast Stormwater Utility Survey**





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# 2013 Southeast Stormwater Utility Survey

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## The Southeast Stormwater Association

The Southeast Stormwater Association (SESWA) was formed in 2005 to assist professionals in the public and private sectors as they seek to address problems associated with surface water quality and quantity in U.S. Environmental Protection Agency's, Region 4. SESWA's boundaries are co-terminus with those of Region 4 and include the states of Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina and Tennessee.

SESWA's purpose is:

- ❖ To conduct training and educational programs such as workshops, seminars and conferences for professional staff and elected officials.
- ❖ To research, compile and distribute information about stormwater management, flooding, best management practices and policies, water quality, and the creation/operation of stormwater utilities and other financing mechanisms.
- ❖ To monitor the decision-making processes of regulatory agencies in the region as they relate to the interests of stormwater managers.
- ❖ To promote and enhance the effective management and operation of stormwater management systems.

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## Introduction

The Southeast Stormwater Association was created to help cities and counties through the process of establishing a stormwater utility and provide resources like this survey. We hope you find the information in this survey valuable.

This document presents the results of the fourth biennial survey of stormwater utilities in the southeastern United States (excluding those in the State of Florida) conducted by the Southeast Stormwater Association. Its purpose is to provide useful information for managers and policy-makers in state and local governments. You will also find trends in the characteristics of stormwater programs, utility rates and other practices can be observed.

Stormwater regulations and policies are changing and adhering to those policies increase costs. Stormwater utilities are a necessary option for cities and counties to consider. Once established, the fees can be used to help fund operations and maintenance, capital improvements, retrofits and more.

The 2013 pre-survey questionnaire identified 10 additional organizations with stormwater utilities. SESWA has identified a total of 136 organizations with stormwater utilities in the Southeast EPA Region 4 (this number does not include Florida). Of those, 75 organizations, or 55% completed and returned the survey. Approximately 119 cities and counties (please refer to the Appendix) are included in the survey.

The southeast offers unique challenges for collecting data in the region with many variables in the way stormwater utility fees are collected. The Survey encompasses eight states: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina and Tennessee. Stormwater fee and rate variations include: tiers, parcels, assessment or fee, size of the ERUs, combined NPDES permit holders, special districts and authorities. You'll find that some of the utility fees or assessments have been adjusted for comparisons in this Report; for example, an annual assessment might be divided to show the monthly rate.

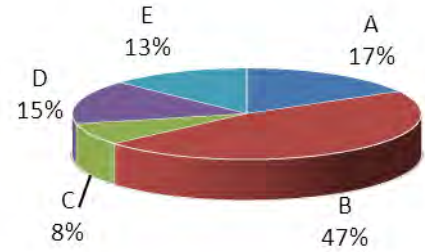
For more information, contact us at [www.SESWA.org](http://www.SESWA.org) or (866) FOR-SESWA (367-7379).



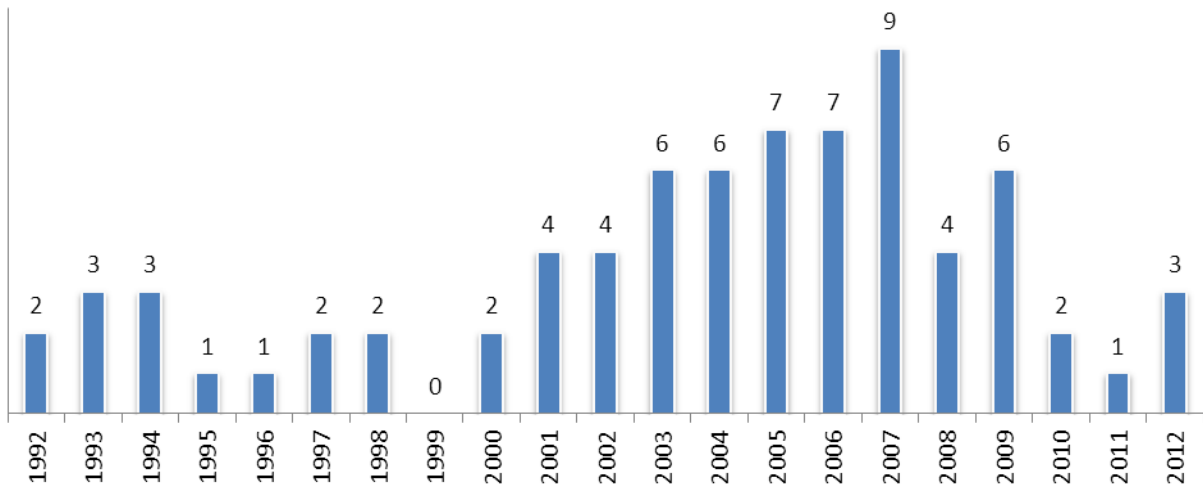
## Utility Characteristics

### 1-1. How is your utility organized?

- A. Separate Department of Local Government (13)
- B. Combined with Department of Public Works (36)
- C. Combined with Wastewater Utility (6)
- D. Combined with other department (12)
- E. Authority or district separate from local government (10)

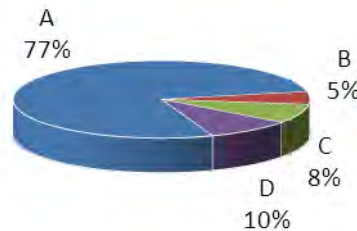


### 1-2. What year was your stormwater utility established?



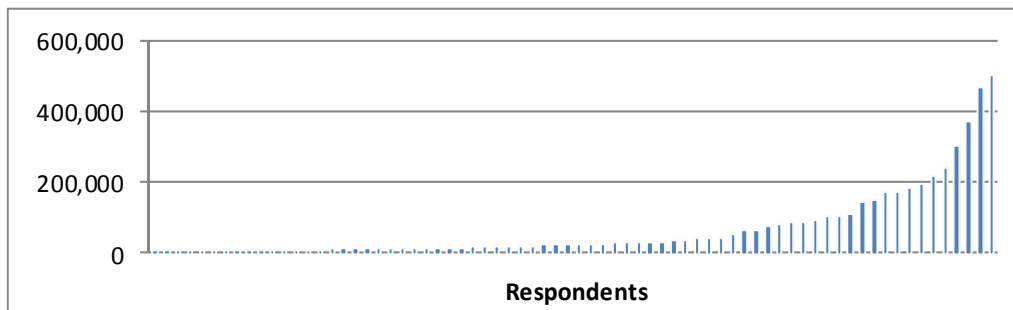
### 1-3. What jurisdiction does your utility serve?

- A. City only (58)
- B. City and unincorporated county (4)
- C. Unincorporated county only (6)
- D. Other (watershed, other defined area) (7)



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

Average area of respondents is 64,696 acres. (2011 average 83,592 acres, 2009 average was 102,173; 2007 average was 119,746).



**Utility Characteristics**

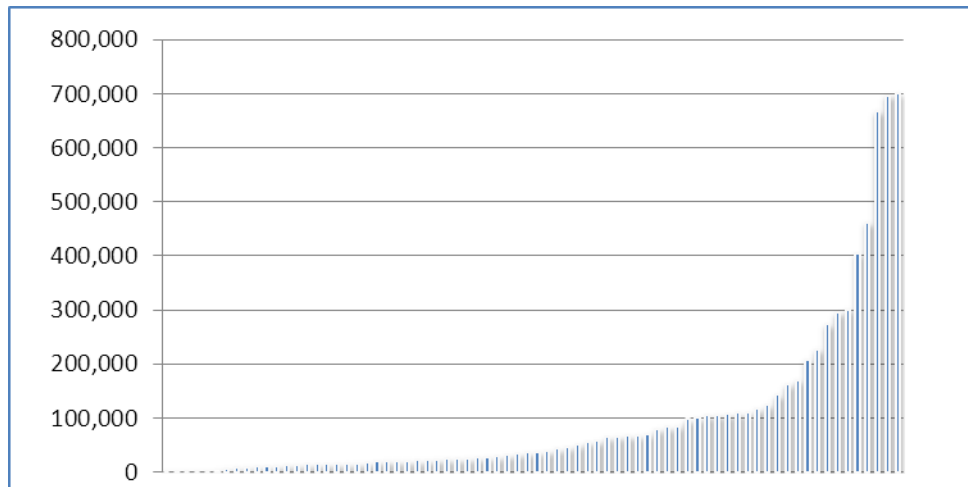
**Respondents – Physical Area Served**

<b>Jurisdiction</b>	<b>Acres</b>	<b>Jurisdiction</b>	<b>Acres</b>	<b>Jurisdiction</b>	<b>Acres</b>
Barrow County	104,217	City of Griffin	9,558	City of Woodstock	5,632
Beaufort County	467,878	City of High Point	32,384	Columbia County	170,000
Charleston County	240,000	City of Holly Springs	4,309	Davidson County/City of Nashville	NR
City of Anderson	9,000	City of Hopkinsville	20,044	DeKalb County	171,520
City of Archdale	5,184	City of Isle of Palms	3,200	Dorchester County	368,000
City of Asheville	29,287	City of Lawrenceville	8,352	Greenville County	500,000
City of Athens/Clarke County	77,440	City of Maryville	8,960	Gwinnett County	212,430
City of Austell	3,840	City of Monroe	18,963	Hamilton County	102,700
City of Charleston	100,000	City of Murfreesboro	35,500	Jefferson County	N/A
City of Charlotte	194,000	City of Myrtle Beach	21,000	Lexington Fayette Urban County Gov	182,733
City of Chattanooga	86,528	City of North Augusta	16,344	Mecklenburg County	61,440
City of Concord	38,436	City of North Charleston	49,100	Rockdale County	70,032
City of Conway	14,378	City of North Myrtle Beach	13,487	Sanitation District #1	142,720
City of Covington	9,108	City of Peachtree City	16,000	Town of Hilton Head Island	37,099
City of Doraville	2,304	City of Powder Springs	7	Town of Hope Mills	4,442
City of Dunwoody	8,476	City of Radcliff	7,142	Town of Indian Trail	16,640
City of Easley	NR	City of Raleigh	143,865	Town of James Island	6,160
City of Fairburn	10,800	City of Rocky Mount	28,259	Town of Lincolnville	700
City of Fayetteville	7,027	City of Snellville	25,894	Town of Matthews	11,000
City of Fayetteville	60,454	City of Stuart	4,220	Town of Morrisville	6,272
City of Folly Beach	13,200	City of Sumter	21,000	Town of Mount Pleasant	25,880
City of Franklin	26,570	City of Valdosta	22,994	Town of Signal Mountain	13
City of Garden City	9,344	City of Warner Robins	23,300	Town of Sullivan's Island	2,100
City of Goodlettsville	9,600	City of Wilmington	30,125	Town of Wrightsville Beach	433
City of Greensboro	84,320	City of Winston-Salem	84,736	Warren County	300,000

Note: Please refer to the Appendix for detailed Jurisdiction information sorted by state.

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

Average population is 97,513  
 2011 average population was 101,566  
 2009 average population was 120,695  
 2007 average population was 135,392



**Respondents**

## Utility Characteristics

### Respondents – Population Served

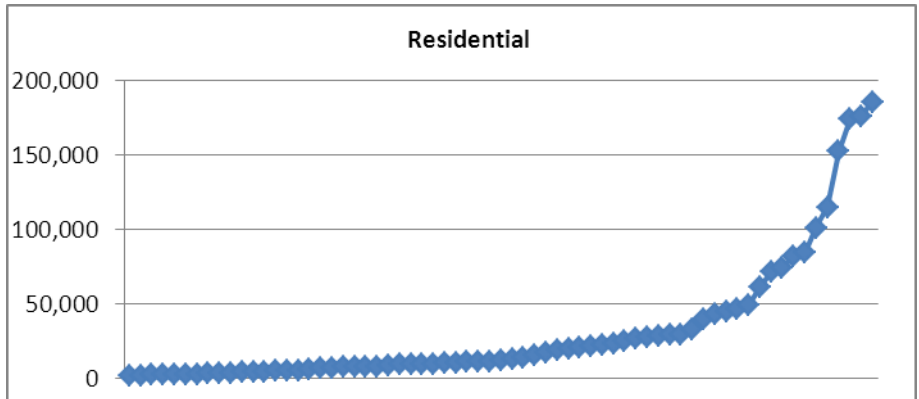
Jurisdiction	Population	Jurisdiction	Population	Jurisdiction	Population
Barrow County	69,367	City of Griffin	23,500	City of Woodstock	21,000
Beaufort County	161,989	City of High Point	107,157	Columbia County	109,100
Charleston County	65,000	City of Holly Springs	9,189	Davidson County/Nashville	NR
City of Anderson	26,700	City of Hopkinsville	31,577	DeKalb County	700,000
City of Archdale	11,466	City of Isle of Palms	4,100	Dorchester County	100,000
City of Asheville	83,393	City of Lawrenceville	25,000	Greenville County	461,000
City of Athens/Clarke Coun	116,714	City of Maryville	26,000	Gwinnett County	667,455
City of Austell	6,700	City of Monroe	37,000	Hamilton County	142,300
City of Charleston	124,000	City of Murfreesboro	109,031	Jefferson County	85,000
City of Charlotte	696,000	City of Myrtle Beach	28,000	Lexington Fayette Urban Cnty	301,000
City of Chattanooga	170,136	City of North Augusta	21,348	Mecklenburg County	105,000
City of Concord	79,673	City of North Charleston	97,600	Rockdale County	66,222
City of Conway	17,103	City of North Myrtle Beach	15,800	Sanitation District #1	295,000
City of Covington	14,712	City of Peachtree City	36,000	Town of Hilton Head Island	33,900
City of Doraville	10,474	City of Powder Springs	13,490	Town of Hope Mills	15,441
City of Dunwoody	46,000	City of Radcliff	21,961	Town of Indian Trail	39,000
City of Easley	21,000	City of Raleigh	403,892	Town of James Island	11,000
City of Fairburn	14,000	City of Rocky Mount	57,000	Town of Lincolnville	1,150
City of Fayetteville	15,000	City of Snellville	20,076	Town of Matthews	28,500
City of Fayetteville	208,001	City of Stuart	16,483	Town of Morrisville	21,000
City of Folly Beach	2,600	City of Sumter	42,700	Town of Mount Pleasant	67,843
City of Franklin	55,800	City of Valdosta	50,000	Town of Signal Mountain	3,000
City of Garden City	8,778	City of Warner Robins	68,000	Town of Sullivan's Island	1,800
City of Goodlettsville	16,000	City of Wilmington	106,500	Town of Wrightsville Beach	2,800
City of Greensboro	273,425	City of Winston-Salem	227,000	Warren County	25,000

Note: Please refer to the Appendix for detailed Jurisdiction information sorted by state

#### 1-6. How many accounts does the utility serve?

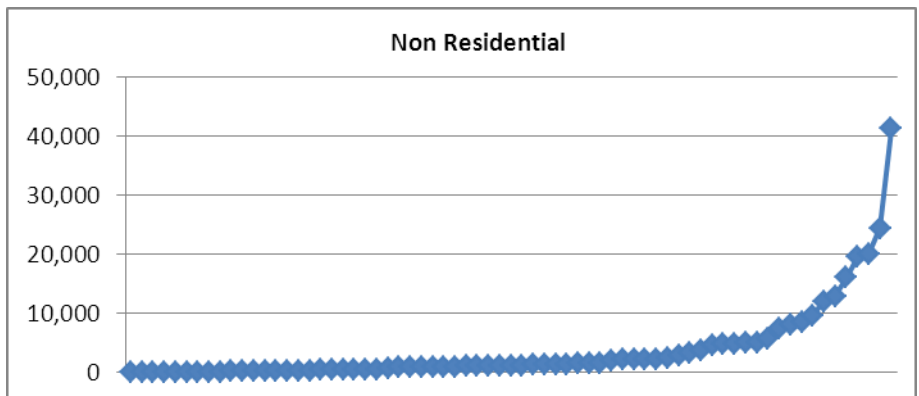
##### Residential

Average is 30,651 accounts  
 2011 average was 33,279  
 2009 average was 37,844  
 2007 average was 35,232



##### Non Residential

Average is 3,789  
 2011 average was 2,654  
 2009 average was 5,732  
 2007 average was 5,312

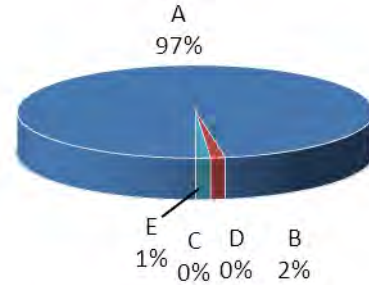




**Utility Fees and Rates**

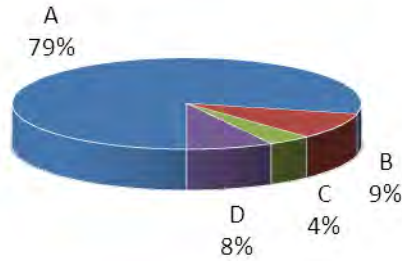
**2-1. What is the basic methodology used for your revenue generation?**

- A. User Fee (73)
- B. Non-ad valorem or special assessment (1)
- C. Ad valorem tax (0)
- D. Sales Tax (0)
- E. Other (1)



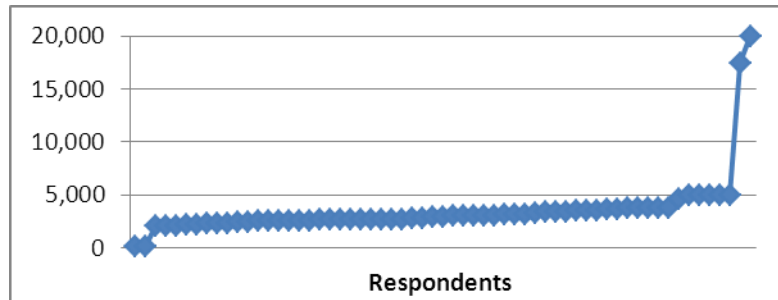
**2-2. What is the general basis for your fee?**

- A. Impervious area (59)
- B. Both gross area and impervious area (7)
- C. Gross area with intensity of development factor (3)
- D. Other (6)



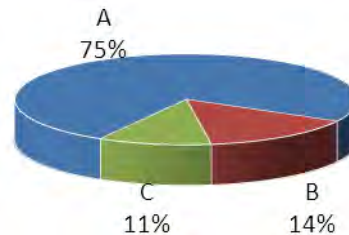
**2-3. If impervious area is the fee basis, what is the square footage of your average billing unit (ERU or similar designation) ?**

Average is 3,502 square feet.  
 in 2011 was 2,940;  
 in 2009 was 2,766;  
 in 2007 was 3,253.



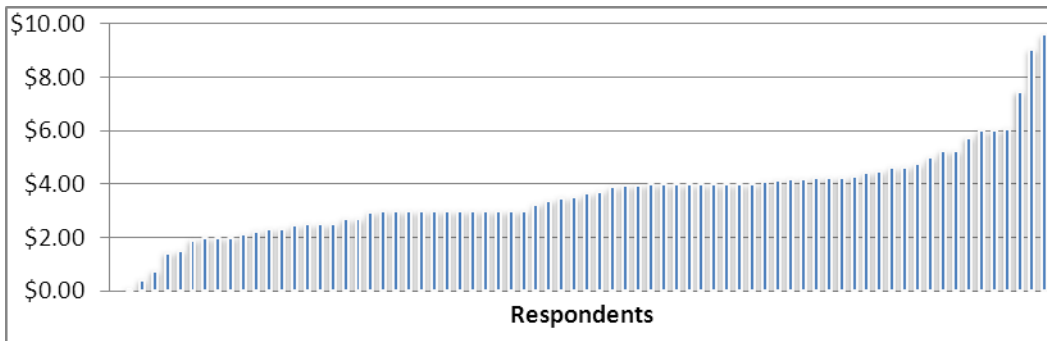
**2-4. Is the “average billing unit” based upon single-family units only or on all residential types (e.g. single and multi-family, condominiums, mobile homes, etc.)?**

- A. Single-family (56)
- B. All residential types (11)
- C. Other (8)



**2-5. What is your current Stormwater utility rate per month?**

Average rate is \$3.59, exactly as it was in 2011. The average rate in 2009 was \$3.22 and the average rate in 2007 was \$3.18.

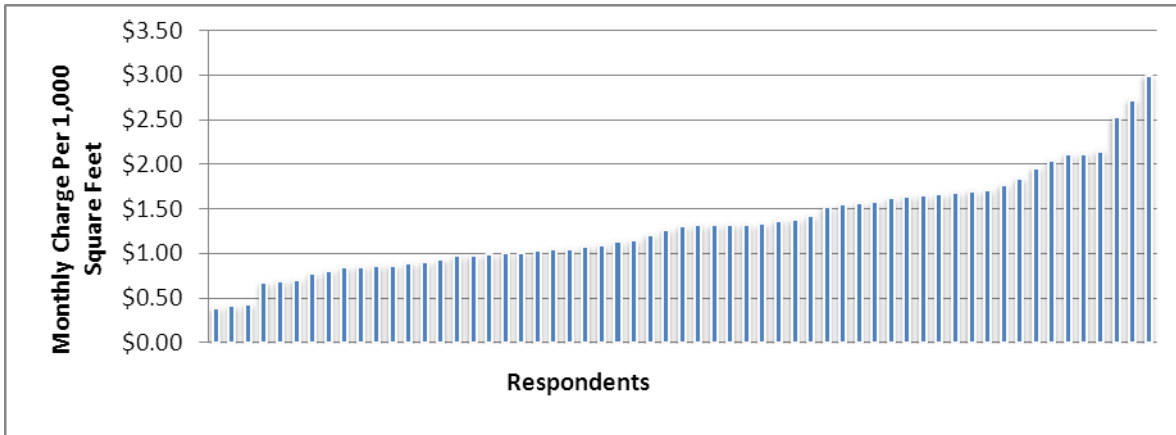


2013 Southeast Stormwater Utility Survey

**Utility Fees and Rates**

**Comparative Monthly Stormwater Rates Based on Standardized Billing Area**

Standardizing the billing area to 1,000 square feet alters the average for 2013 to be \$1.73. ( 2011 was \$1.69; 2009 was \$1.31 and 2007 was \$1.20).



**Current Stormwater Utility Rates per Month**

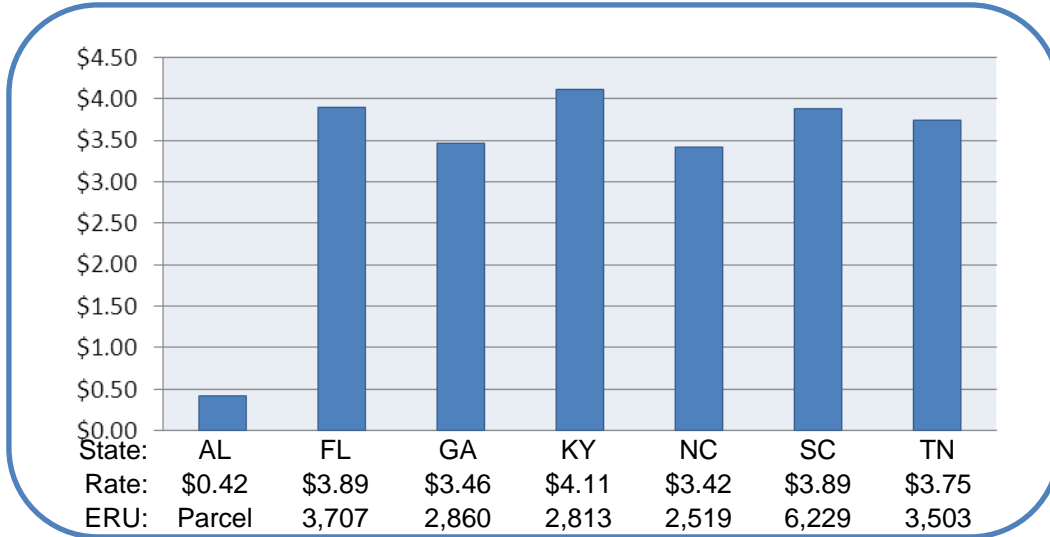
Utility Rate Range  
Low = \$.09 High = \$9.60

Jurisdiction	Rate	ERU	Jurisdiction	Rate	ERU
Barrow County	\$1.50	3,478	City of North Myrtle Beach	\$6.00	3,500
Beaufort County (City of Beaufort, Town	\$4.16	4,906	City of Peachtree City	\$3.95	4,600
Charleston County Public Works Depar	\$3.00	TBD	City of Powder Springs	\$3.00	2,840
City of Anderson	\$4.00	17424	City of Radcliff	\$4.62	2,800
City of Archdale	\$5.00	3,612	City of Raleigh	\$4.00	2,260
City of Asheville	\$2.34	2,442	City of Rocky Mount	\$4.25	2,519
City of Athens/Clarke County	\$3.51	2,628	City of Snellville	\$2.33	3,800
City of Austell	\$3.50	3100	City of Stuart	\$3.89	3,707
City of Charleston	\$6.00	2,200	City of Sumter	\$2.50	NR
City of Charlotte	\$7.48	2,613	City of Valdosta	\$2.50	3,704
City of Chattanooga	\$9.60	3,200	City of Warner Robins	\$4.25	3,000
City of Concord	\$4.30	3,120	City of Wilmington	\$6.09	2,500
City of Conway	\$5.25	2,700	City of Winston-Salem	\$4.25	2,000
City of Covington	\$3.00	2,600	City of Woodstock	\$4.20	2,700
City of Doraville	\$4.00	3,000	Columbia County	\$0.09	100
City of Dunwoody	\$5.75	3,000	Davidson County/City of Nashville	\$3.00	N/A
City of Easley	\$2.00	5,000	DeKalb County	\$4.00	3,000
City of Fairburn	\$4.08	3,300	Dorchester County	\$3.73	3,735
City of Fayetteville	\$2.95	3,800	Greenville County	\$2.25	2,477
City of Fayetteville	\$3.00	2,266	Gwinnett County	2.46/yr	100
City of Folly Beach	\$3.00	TBD	Hamilton County	\$0.75	3,600
City of Franklin	\$3.65	3,350	Jefferson County	\$0.42	parcel
City of Garden City	\$4.75	3,000	Lexington Fayette Urban County Governr	\$4.49	2,500
City of Goodlettsville	\$2.00	n/a	Mecklenburg County	\$2.12	2,613
City of Greensboro	\$2.70	2,543	Rockdale County	\$3.39	3,420
City of Griffin	\$4.65	2,200	Sanitation District #1	\$4.44	2,600
City of High Point	\$2.00	2,588	Town of Hilton Head Island	\$9.06	4,906
City of Holly Springs	\$4.00	2,700	Town of Hope Mills	\$4.00	2,266
City of Hopkinsville	\$3.00	3,350	Town of Indian Trail	\$2.70	2,060
City of Isle of Palms	\$3.00	TBD	Town of James Island	\$3.00	TBD
City of Lawrenceville	\$4.20	N/A	Town of Lincolnville	\$3.00	TBD
City of Maryville	\$3.97	2,400	Town of Matthews	\$1.42	2,000
City of Monroe	\$4.00	2,618	Town of Morrisville	\$1.92	2,800
City of Murfreesboro	\$3.25	3,470	Town of Mount Pleasant	\$2.50	20,000
City of Myrtle Beach	\$5.25	5,000	Town of Signal Mountain	.01 sq. ft./yr	5,000
City of North Augusta	\$4.00	N/A	Town of Sullivan's Island	\$3.00	TBD
City of North Charleston	\$3.00	2,900	Town of Wrightsville Beach	\$0.00	N/A
			Warren County	\$4.00	N/A

Note: For detailed Jurisdiction information, please refer to the Appendix sorted by state.

**Utility Fees and Rates**

**Average Monthly Utility Rate Comparison by State**



**Comparative Monthly Stormwater Rates**

The table compares rates from jurisdictions that reported in 2007, 2009, 2011 or 2013.

Jurisdiction	2007	2009	2011	2013	Change
<b>Average</b>	<b>\$3.18</b>	<b>\$3.22</b>	<b>\$3.61</b>	<b>\$3.59</b>	<b>\$0.04</b>
Jurisdiction	2007	2009	2011	2013	Change
Aiken County/ City of Aiken	\$3.22				\$0.00
Barrow County			\$1.50	\$1.50	\$0.00
Beaufort County	\$3.69		\$4.16	\$4.16	\$0.47
Charleston County Public Works Department	\$3.00	\$3.00	\$3.00	\$3.00	\$0.00
City of Anderson				\$4.00	\$0.00
City of Archdale	\$5.00		\$5.00	\$5.00	\$0.00
City of Asheville				\$2.34	\$0.00
City of Athens/Clarke County	\$3.50	\$3.51	\$3.51	\$3.51	\$0.00
City of Austell				\$3.50	\$0.00
City of Belmont		\$3.00			\$0.00
City of Bessemer City	\$2.07	\$2.07	\$2.07		\$0.00
City of Burlington	\$2.00	\$2.00	\$2.00		\$0.00
City of Charleston	\$6.00	\$6.00	\$6.00	\$6.00	\$0.00
City of Charlotte	\$5.15	\$5.90	\$6.63	\$7.48	\$0.85
City of Chattanooga	\$2.50	\$2.50	\$9.60	\$9.60	\$0.00
City of Columbia	\$3.95				\$0.00
City of Concord			\$4.30	\$4.30	\$0.00
City of Conway	\$5.25	\$5.25		\$5.25	\$0.00
City of Conyers	\$3.33				\$0.00
City of Covington	\$3.23	\$3.00	\$3.00	\$3.00	\$0.00
City of Decatur			\$6.25		\$0.00
City of Doraville	\$4.00		\$4.00	\$4.00	\$0.00
City of Douglasville/Douglas County	\$4.00	\$4.00	\$4.00		\$0.00
City of Dunwoody				\$5.75	\$0.00
City of Easley	\$2.00	\$2.00	\$2.00	\$2.00	\$0.00
City of Fairburn	\$4.00	\$4.00	\$4.00	\$4.08	\$0.08
City of Fayetteville, GA	\$2.95	\$2.95	\$2.95	\$2.95	\$0.00
City of Fayetteville, NC			\$3.00	\$3.00	\$0.00
City of Florence	\$3.34	\$2.50	\$2.50		\$0.00



**Utility Fees and Rates**

**Comparative Monthly Stormwater Rates (continued)**

<b>Jurisdiction</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>	<b>Change</b>
City of Folly Beach		\$3.00	\$3.00	\$3.00	\$0.00
City of Franklin	\$3.65	\$3.65	\$3.65	\$3.65	\$0.00
City of Garden City			\$4.75	\$4.75	\$0.00
City of Gastonia	\$2.75				\$0.00
City of Goodlettsville				\$2.00	\$0.00
City of Greensboro	\$2.70	\$2.70	\$2.70	\$2.70	\$0.00
City of Greenville	\$2.85	\$2.85	\$2.85		\$0.00
City of Griffin	\$3.50	\$4.39	\$4.33	\$4.65	\$0.32
City of HighPoint				\$2.00	\$0.00
City of Holly Springs				\$4.00	\$0.00
City of Hopkinsville			\$3.00	\$3.00	\$0.00
City of Isle of Palms		\$3.00	\$3.00	\$3.00	\$0.00
City of Lawrenceville		\$4.20	\$4.20	\$4.20	\$0.00
City of Loganville		\$5.00	\$5.00		\$0.00
Louisville/Jefferson County Metro		\$5.35			\$0.00
City of Maryville			\$3.97	\$3.97	\$0.00
City of Monroe		\$4.00	\$4.00	\$4.00	\$0.00
City of Morristown		\$1.00	\$1.00		\$0.00
City of Murfreesboro			\$3.25	\$3.25	\$0.00
City of Myrtle Beach			\$5.25	\$5.25	\$0.00
City of Norcross		\$0.10			\$0.00
City of North Augusta	\$4.00	\$4.00	\$4.00	\$4.00	\$0.00
City of North Charleston			\$3.00	\$3.00	\$0.00
City of North Myrtle Beach	\$6.00	\$6.00	\$6.00	\$6.00	\$0.00
City of Oxford	\$2.00	\$2.00	\$2.00		\$0.00
City of Peachtree City			\$3.95	\$3.95	\$0.00
City of Powder Springs				\$3.00	\$0.00
City of Radcliff	\$4.00	\$4.50	\$4.62	\$4.62	\$0.00
City of Raleigh	\$4.00	\$4.00	\$4.00	\$4.00	\$0.00
City of Rocky Mount		\$3.75	\$4.25	\$4.25	\$0.00
City of Snellville				\$2.33	\$0.00
City of Stuart			\$3.76	\$3.89	\$0.13
City of Sumter				\$2.50	\$0.00
City of Valdosta	\$2.50	\$2.50	\$2.50	\$2.50	\$0.00
City of Warner Robins				\$4.25	\$0.00
City of Wilmington	\$5.00	\$5.00	\$5.30	\$6.09	\$0.79
City of Winston-Salem		\$4.25	\$4.25	\$4.25	\$0.00
City of Woodstock			\$4.20	\$4.20	\$0.00
Clayton County Water Authority		\$3.75	\$3.75		\$0.00
Columbia County	NR	\$0.09	\$0.09	\$0.09	\$0.00
Cumberland County/Fayetteville	\$1.00	\$3.00			\$0.00
Davidson Count/City of Nashville			\$3.00	\$3.00	\$0.00
DeKalb County	\$4.00		\$4.00	\$4.00	\$0.00
Dorchester County	\$2.43	\$2.43	\$3.73	\$3.73	\$0.00
Georgetown County	NR	\$4.30	\$4.30		\$0.00
Greenville County				\$2.25	\$0.00
Gwinnett County	\$0.06	\$0.21	\$2.46	\$2.46	\$0.00
Hamilton County			\$0.75	\$0.75	\$0.00
Henry County	\$2.83	\$2.83	\$3.32		\$0.00
Horry County		\$2.45	\$2.45		\$0.00
Jefferson County				\$0.42	\$0.00
Lexington Fayette Urban Cnty Gov				\$4.49	\$0.00
Mecklenburg County	\$3.18	\$2.12	\$2.12	\$2.12	\$0.00

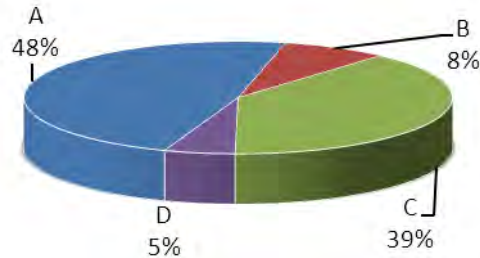
**Utility Fees and Rates**

**Comparative Monthly Stormwater Rates (continued)**

Jurisdiction	2007	2009	2011	2013	Change
Rockdale County	\$3.38			\$3.39	\$0.01
Sanitation District #1	\$4.02	\$4.30	\$4.44	\$4.44	\$0.00
Spartanburg County	\$4.00	\$4.00			\$0.00
Town of Chapel Hill			\$3.25		\$0.00
Town of Hilton Head Island			\$9.06	\$9.06	\$0.00
Town of Hope Mills		\$3.00	\$3.00	\$4.00	\$1.00
Town of Indian Trail		\$2.70	\$2.70	\$2.70	\$0.00
Town of James Island			\$3.00	\$3.00	\$0.00
Town of Kernersville			\$3.29		\$0.00
Town of Landis		\$5.00	\$5.00		\$0.00
Town of Lincolnvile		\$3.00	\$3.00	\$3.00	\$0.00
Town of Matthews	\$1.42	\$1.42	\$1.42	\$1.42	\$0.00
Town of Morrisville				\$1.92	\$0.00
Town of Mount Pleasant				\$2.50	\$0.00
Town of Signal Mountain				\$0.01	\$0.00
Town of Smyrna		\$3.47	\$3.47		\$0.00
Town of Sullivan's Island		\$3.00	\$3.00	\$3.00	\$0.00
Town of Wrightsville Beach	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Warren County				\$4.00	\$0.00

**2-6. How are the majority of your stormwater charges invoiced?**

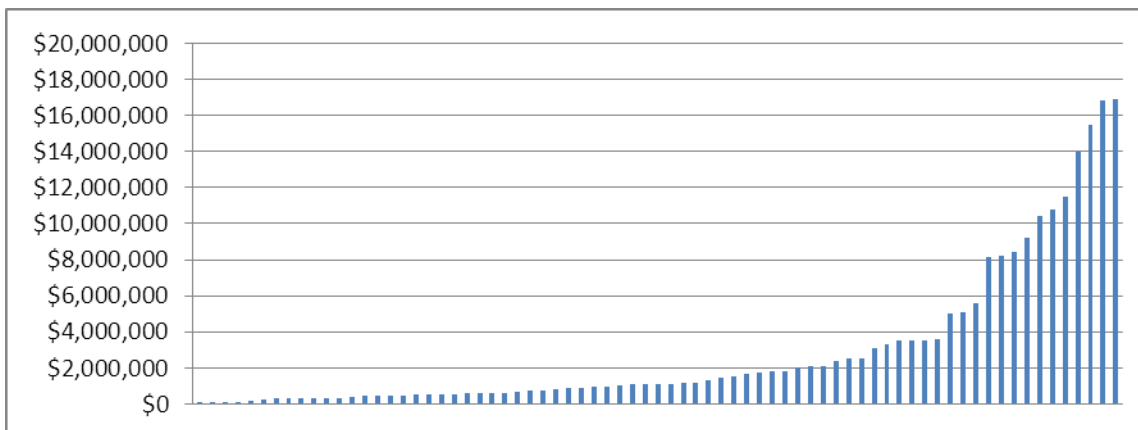
- A. Combined on monthly bill for other utility services (36)
- B. Separate Mailing (6)
- C. Placed on annual property tax bill (29)
- D. Other (including combinations of the above) (4)



**2-7. What is the total annual revenue generated by the utility fee?**

Average revenue generated is \$3,964,422  
 2011 was \$4,192,942  
 2009 was \$4,198,811  
 2007 was \$3,586,837

The City of Charlotte, NC and Gwinnett County, GA were not included in the chart below.



**Utility Fees and Rates**

**Total Annual Revenue generated by utility fee (sorted by jurisdiction)**

<b>Jurisdiction</b>	<b>2013 Revenue</b>	<b>Jurisdiction</b>	<b>2013 Revenue</b>
Barrow County	\$350,000	City of North Myrtle Beach	\$2,009,474
Beaufort County	\$8,145,808	City of Peachtree City	\$1,300,000
Charleston County	\$1,100,000	City of Powder Springs	\$324,123
City of Anderson	\$920,000	City of Radcliff	\$770,000
City of Archdale	\$480,000	City of Raleigh	\$15,500,000
City of Asheville	\$3,107,993	City of Rocky Mount	\$3,500,000
City of Athens/Clarke Cnty	\$3,500,000	City of Snellville	\$541,088
City of Austell	\$370,141	City of Stuart	\$540,000
City of Charleston	\$5,600,000	City of Sumter	\$505,000
City of Charlotte	\$51,000,000	City of Valdosta	\$1,200,000
City of Chattanooga	\$16,858,235	City of Warner Robins	\$2,500,000
City of Concord	\$3,600,000	City of Wilmington	\$8,441,379
City of Conway	\$950,900	City of Winston-Salem	\$10,400,000
City of Covington	\$725,000	City of Woodstock	\$1,077,215
City of Doraville	\$485,000	Columbia County	\$1,715,649
City of Dunwoody	\$1,800,000	Davidson Cnty/ Nashville	\$14,000,000
City of Easley	\$300,000	DeKalb County	\$16,900,000
City of Fairburn	\$450,000	Dorchester County	\$1,437,078
City of Fayetteville	\$500,000	Greenville County	\$8,200,000
City of Fayetteville	\$5,100,000	Gwinnett County	\$31,420,057
City of Folly Beach	\$91,000	Hamilton County	\$626,937
City of Franklin	\$2,085,900	Jefferson County	\$5,000,000
City of Garden City	\$940,000	Lexington Fayette Urban Cnty	\$11,500,000
City of Goodlettsville	\$300,000	Mecklenburg County	\$800,000
City of Greensboro	\$9,241,665	Rockdale County	\$1,700,000
City of Griffin	\$2,100,000	Sanitation District #1	\$10,800,000
City of High Point	\$2,400,000	Town of Hilton Head Island	\$3,500,000
City of Holly Springs	\$319,000	Town of Hope Mills	\$634,000
City of Hopkinsville	\$1,100,000	Town of Indian Trail	\$1,000,000
City of Isle of Palms	\$185,000	Town of James Island	\$320,000
City of Lawrenceville	\$684,000	Town of Lincolnville	\$14,750
City of Maryville	\$1,200,000	Town of Matthews	\$590,000
City of Monroe	\$1,820,000	Town of Morrisville	\$440,000
City of Murfreesboro	\$2,500,000	Town of Mount Pleasant	\$1,100,000
City of Myrtle Beach	\$1,500,000	Town of Signal Mountain	\$260,000
City of North Augusta	\$577,236	Town of Sullivan's Island	\$41,000
City of North Charleston	\$3,300,000	Town of Wrightsville Beach	\$137,000
		Warren County	\$900,000

Note: Please refer to the Appendix for detailed Jurisdiction information sorted by state.



**Utility Fees and Rates**

**Comparative Annual Revenues**

The table below compares annual revenues generated only from those jurisdictions that reported in 2007, 2009 2011 or 2013.

<b>Jurisdiction</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>	<b>Change</b>
Aiken County/ City of Aiken	655,000				\$0
Barrow			\$480,000	\$350,000	(\$130,000)
Beaufort County	4,700,000		\$7,058,116	\$8,145,808	\$1,087,692
Charleston County	NR		\$0	\$1,100,000	\$1,100,000
City of Anderson				\$920,000	\$0
City of Archdale		480,000	480,000	480,000	\$0
City of Asheville				3,107,993	\$0
City of Athens/Clarke County	3,400,000	3,500,000	3,500,000	3,500,000	\$0
City of Austell				370,141	\$0
City of Belmont		370,000			\$0
City of Bessemer City	60,000	\$66,000	\$67,000		\$0
City of Burlington	420,000	\$420,000	\$420,000		\$0
City of Charleston	6,336,000	5,600,000	5,600,000	5,600,000	\$0
City of Charlotte	32,500,000	36,600,000	46,800,000	51,000,000	\$4,200,000
City of Chattanooga	5,000,000	5,000,000	16,335,278	16,858,235	\$522,957
City of Columbia	3,500,000				\$0
City of Concord			\$3,500,000	\$3,600,000	\$100,000
City of Conway	888,000	888,000		950,000	\$62,000
City of Conyers	413,000				\$0
City of Covington	900,000	725,000	725,000	725,000	\$0
City of Decatur			825,000		\$0
City of Doraville	495,442		\$485,000	\$485,000	\$0
City of Douglasville/Douglas County	4,000,000	4,000,000	4,500,000		\$0
City of Dunwoody				1,800,000	\$0
City of Easley	300,000	300,000	300,000	300,000	\$0
City of Fairburn	450,000	450,000	450,000	450,000	\$0
City of Fayetteville, GA	500,000	500,000	500,000	500,000	\$0
City of Fayetteville, NC			5,100,000	5,100,000	\$0
City of Florence	1,010,079	621,852	621,852		\$0
City of Folly Beach		NR	0	91,000	\$91,000
City of Franklin	1,400,000	1,900,000	2,085,900	2,085,900	\$0
City of Garden City			940,000	940,000	\$0
City of Gastonia	2,000,000				\$0
City of Goodlettsville				\$300,000	\$0
City of Greensboro	8,500,000	9,450,000	9,450,000	9,241,665	(\$208,335)
City of Greenville	2,806,221	2,983,242	3,096,468	2,100,000	(\$996,468)
City of Griffin	1,700,000	1,700,000	1,700,000		\$0
City of High Point				2,400,000	\$0
City of Holly Springs				319,000	\$0
City of Hopkinsville			1,100,000	1,100,000	\$0
City of Isle of Palms		NR	0	185,000	\$185,000
City of Lawrenceville		684,000	684,000	684,000	\$0
City of Loganville		400,000	400,000		\$0
City of Louisville/Jefferson Cnty Metro		31,107,000			\$0
City of Maryville			1,200,000	1,200,000	\$0
City of Monroe		1,600,000	1,700,000	1,820,000	\$120,000
City of Morristown		590,000	590,000	2,500,000	\$1,910,000
City of Murfreesboro			0	1,500,000	\$1,500,000
City of Myrtle Beach			1,500,000		\$0
City of Norcross		819,000			\$0
City of North Augusta	511,500	610,324	562,021	577,236	\$15,215
City of North Charleston			3,300,000	3,300,000	\$0
City of North Myrtle Beach	1,400,000	1,950,000	1,975,000	2,009,474	\$34,474
City of Oxford	135,000	135,000	135,000		\$0
City of Peachtree City			1,300,000	1,300,000	\$0

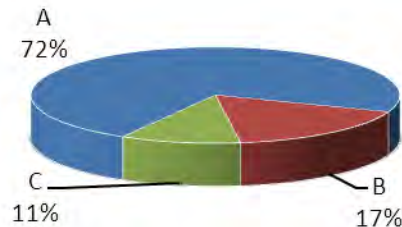
**Utility Fees and Rates**

**Comparative Annual Revenues (continued)**

Jurisdiction	2007	2009	2011	2013	Change
City of Powder Springs				324,123	\$0
City of Radcliff	677,000	750,000	770,000	770,000	\$0
City of Raleigh	12,169,757	13,000,000	13,500,000	15,500,000	\$2,000,000
City of Rocky Mount		3,000,000	3,200,000	3,500,000	\$300,000
City of Snellville				541,088	\$0
City of Stuart			540,000	540,000	\$0
City of Sumter				505,000	\$0
City of Valdosta	1,200,000	1,100,000	1,200,000	1,200,000	\$0
City of Warner Robbins				2,500,000	\$0
City of Wilmington	6,200,000	6,200,000	7,020,000	8,441,379	\$1,421,379
City of Winston-Salem		8,601,060	8,601,060	10,400,000	\$1,798,940
City of Woodstock			1,077,215	1,077,215	\$0
Clayton County Water Authority		8,700,000	8,700,000		\$0
Columbia County	1,300,000	1,300,000	1,300,000	1,715,649	\$415,649
Davidson County/City of Nashville			14,000,000	14,000,000	\$0
DeKalb County	17,500,000		16,900,000	16,900,000	\$0
Dorchester County		1,437,078	1,437,078	1,437,078	\$0
Georgetown County	unknown	1,672,736	1,672,736		\$0
Greenville County		7,000,000	7,000,000	8,200,000	\$1,200,000
Gwinnett County	8,300,000	30,381,000	31,373,817	31,420,057	\$46,240
Hamilton County			588,881	626,937	\$38,056
Henry County	2,000,000	3,000,000	2,600,000		\$0
Horry County		4,300,000	4,750,000		\$0
Jefferson County				5,000,000	\$0
Lexington Fayette Urban County Government				11,500,000	\$0
Mecklenburg County	3,500,000	\$800,000	\$800,000	\$800,000	\$0
Rockdale County	2,000,000			\$1,700,000	(\$300,000)
Sanitation District #1	8,000,000	10,000,000	10,800,000	10,800,000	\$0
Spartanburg County	650,000	650,000			\$0
Storm Water Management Authority	2,400,000	2,068,494			\$0
Town of Chapel Hill			1,770,000		\$0
Town of Hilton Head Island			3,500,000	3,500,000	\$0
Town of Hope Mills		375,000	422,000	634,000	\$212,000
Town of Indian Trail		1,000,000	1,000,000	1,000,000	\$0
Town of James Island			0	320,000	\$320,000
Town of Kernersville			752,743		\$0
Town of Landis		94,000	94,000		\$0
Town of Lincolnville		NR	0	14,750	\$14,750
Town of Matthews	520,000	520,000	562,000	590,000	\$28,000
Town of Morrisville				440,000	\$0
Town of Mount Pleasant				1,100,000	\$0
Town of Signal Mountain				260,000	\$0
Town of Smyrna		1,000,000	1,200,000		\$0
Town of Sullivan's Island		NR	0	41,000	\$41,000
Town of Wrightsville Beach	137,000	137,000	137,000	137,000	\$0
Warren County		900,000		900,000	\$0
<b>Year</b>	<b>2,007</b>	<b>2,009</b>	<b>2,011</b>	<b>2,013</b>	<b>Change</b>
<b>Total</b>	<b>\$150,533,999</b>	<b>\$221,435,786</b>	<b>\$276,734,165</b>	<b>\$297,330,728</b>	<b>\$20,596,563</b>
<b>Average</b>	<b>\$3,671,561</b>	<b>\$4,178,034</b>	<b>\$3,790,879</b>	<b>\$3,964,410</b>	<b>\$169,599</b>

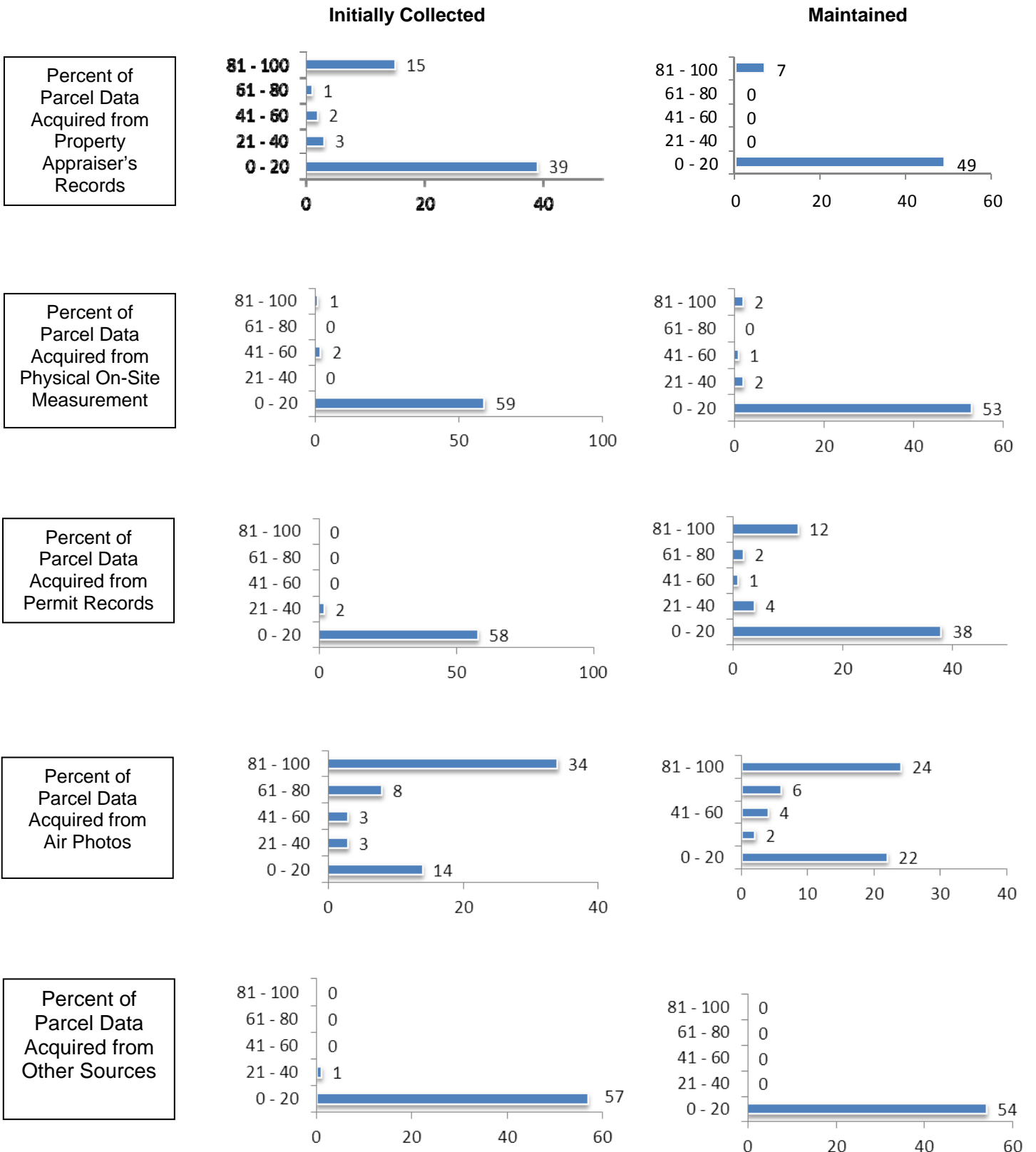
**2-8. Who is responsible for paying your utility fee?**

- A. Property owner (55)
- B. Occupant (13)
- C. Other (8)



**Utility Fees and Rates**

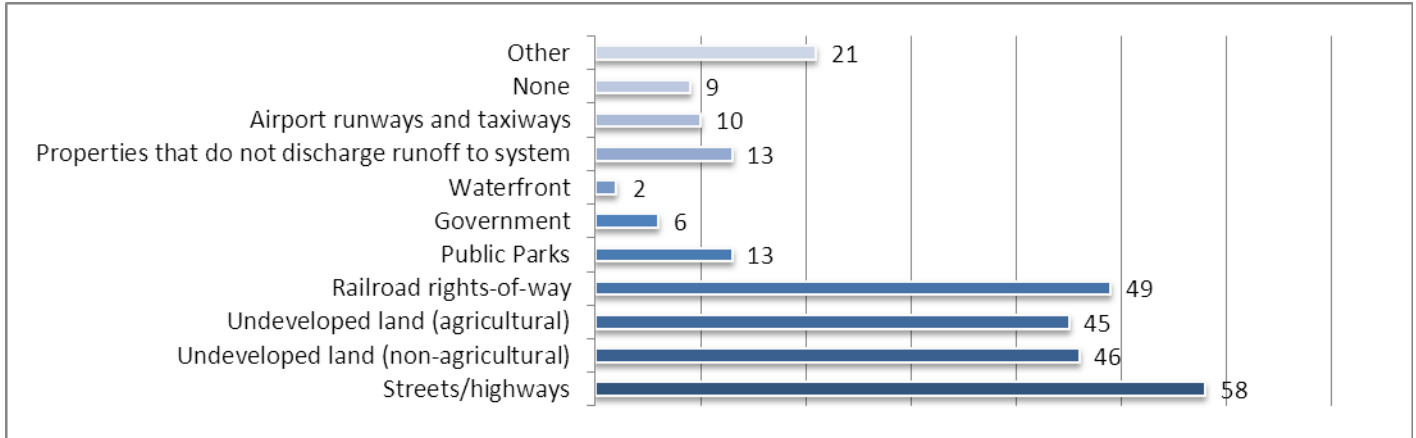
2-9. For properties that are charged a fee based on actual, on-site impervious area (i.e. *not* a customer class average) please estimate how a majority of this information was initially collected and how it is maintained for your billing database?





**Utility Fees and Rates**

**2-10. What properties are exempt from your user fees?**



**2-11. Please indicate your billing practices with regard to the following governmentally owned properties:**

	<u>Exempt</u>	<u>Bill and collect</u>	<u>Bill but don't collect</u>	<u>Not billed</u>
<b>Federal</b>	4	55	4	2
<b>State</b>	5	46	9	3
<b>County</b>	3	64	2	1
<b>City</b>	7	60	2	2
<b>School District</b>	4	65	3	0
<b>Special District</b>	1	42	0	1

**2-12. Of those accounts that receive credits, what is the average percent reduction in the utility fee?**

Average reduction = 25.6%

**2-13. Of the total number of stormwater utility accounts, how many receive credits?**

Reported number of accounts that receive credits = 157.09

Average number of accounts that receive credits = 3.93

**2-14. Of those accounts that receive credits, what is the range in possible percent reductions in stormwater utility fees?**

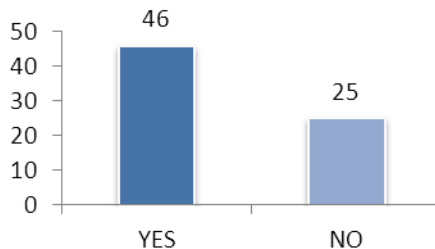
Reported range of possible reductions is 0% to 100%

Average percent reduction is 52%

**2-15. Are credits provided for private detention/retention facilities?**

A. Yes = 46 (65%)

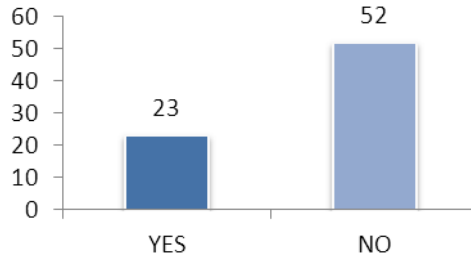
B. No = 25 (35%)



**Utility Fees and Rates**

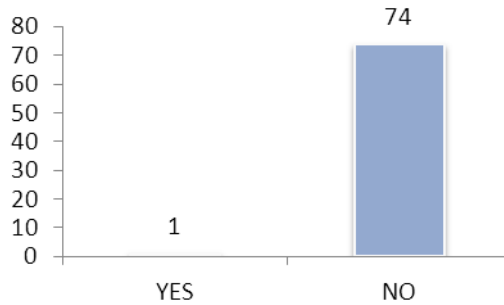
**2-16. Are user fees for single-family detached dwellings the same as for individual units in multi-family (e.g. apartments, condominiums)?**

- A. Yes = 23 (31%)
- B. No = 52 (69%)



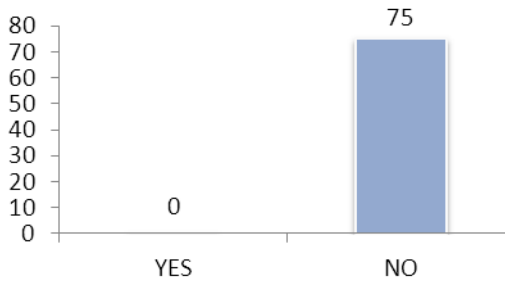
**2-17. Do user fees vary by watershed?**

- A. Yes = 1 (1%)
- B. No = 74 (99%)



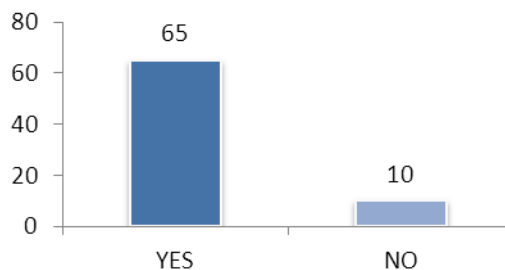
**2-18. Are different fees charged within the “zone-of-benefit” of specific capital projects to account for differences in capital costs?**

- A. Yes = 0 (0%)
- B. No = 75 (100%)



**2-19. Does your local code require private detention/retention facilities?**

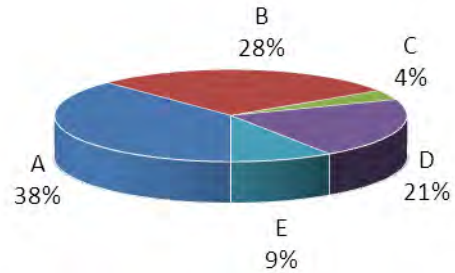
- A. Yes = 65 (87%)
- B. No = 10 (13%)



**Utility Fees and Rates**

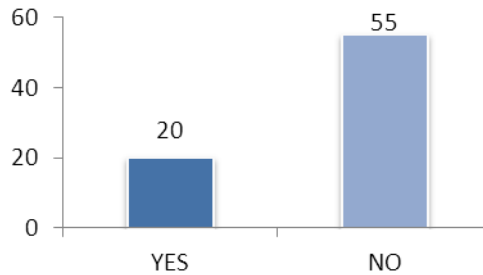
**2-20. How is payment of the utility charge enforced?**

- A. Shut off other utility service (32)
- B. Place Lien on Property (24)
- C. Tax Certificate (Auction) Process (3)
- D. Refer to collection agency (18)
- E. Other (8)



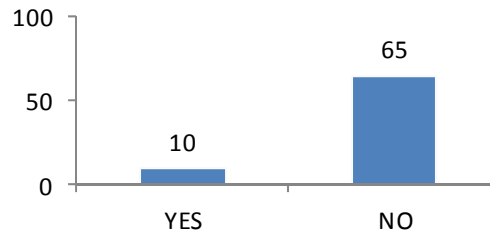
**2-21. Were interim rates established during the formation of the utility prior to adoption of a permanent rate format?**

- A. Yes = 20 (27%)
- B. No = 55 (73%)



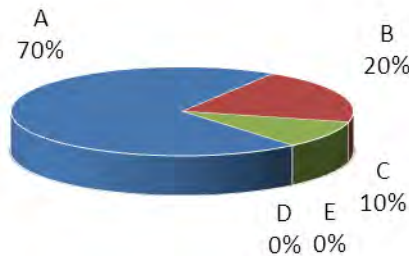
**2-22. Have your stormwater fees or assessments faced a legal challenge in court?**

- A. Yes = 10 (13%)
- B. No = 65 (87%)



**2-23. If your charges have been challenged in court, what was the outcome?**

- A. Fee Sustained (7)
- B. Settlement Reached (2)
- C. Pending (1)
- D. Fees Not Sustained (0)
- E. Other (0)

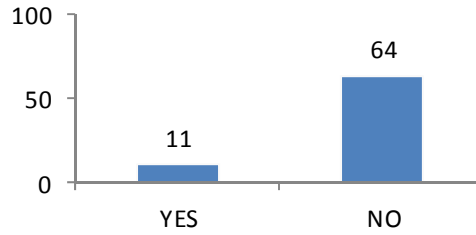




**Utility Fees and Rates**

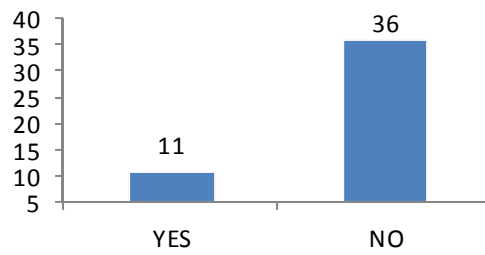
**2-24. Has your jurisdiction modified your Stormwater utility rate structure to take into account new water quality requirements and corresponding costs as a result of the TMDL program?**

- A. Yes = 11 (15%)
- B. No = 64 (85%)



**If not, are you actively considering such modifications?**

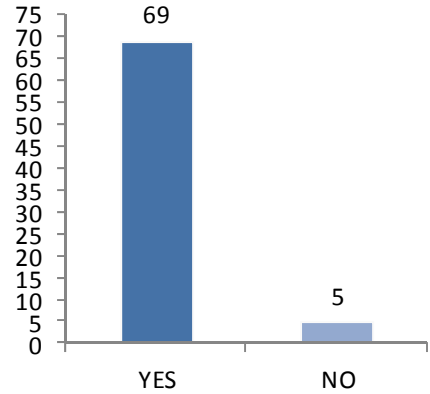
- A. Yes = 11 (23%)
- B. No = 36 (77%)



**Stormwater Program**

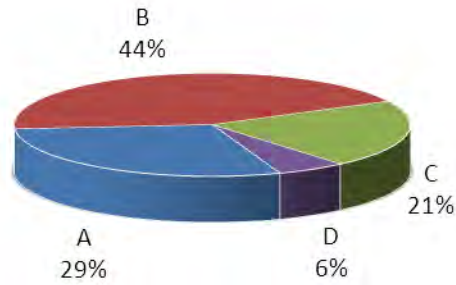
**3-1. Does your utility use operation and maintenance permits (or other enforcement methods) to require private owners to maintain their on-site stormwater facilities?**

- A. Yes = 69 (93%)
- B. No = 5 (7%)



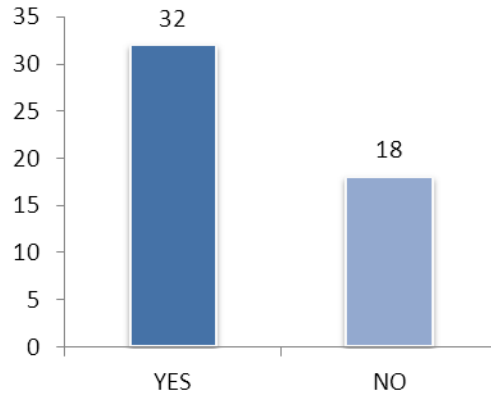
**3-2. Does your jurisdiction charge a fee for:**

- A. Stormwater management permits (26)
- B. Stormwater management site plan review (39)
- C. Stormwater inspection during construction (19)
- D. Stormwater inspection after construction (O&M) (5)



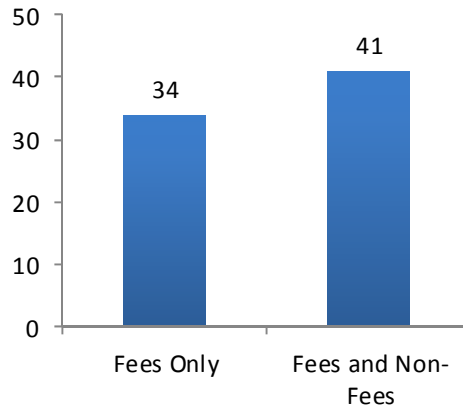
**3-3. If your jurisdiction does charge fees for any of the services in question 3-2, does your stormwater utility receive some or all of these revenues?**

- A. Yes = 32 (64%)
- B. No = 18 (36%)



**3-4. Is your stormwater capital construction program funded only from stormwater fee revenue, or are non-fee funds utilized?**

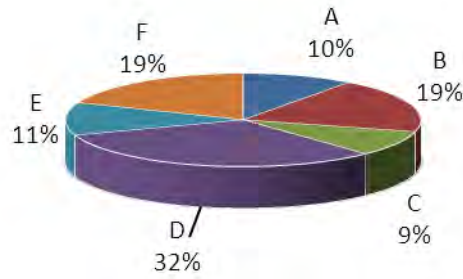
- A. Stormwater fees only (45%)
- B. Stormwater fees and non-fee funds (55%)



**Stormwater Program**

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

- A. Ad Valorem (8)
- B. Sales Tax (15)
- C. Gas Tax (7)
- D. Grants (25)
- E. Loans (9)
- F. Other (15)

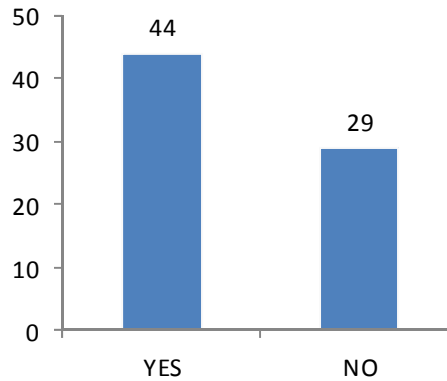


**3-6. Please estimate your jurisdiction’s capital improvement needs for Stormwater management over the following periods of time.**

Period of Time	Estimated Need (total)	Average Need	# Respondents
Next 5 Years	\$1,310,490,000	\$23,401,607	56
Next 10 Years	\$2,477,800,000	\$51,620,833	48
Next 20 Years	\$4,853,150,000	\$127,714,474	38

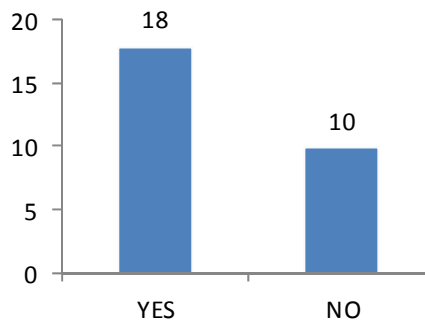
**3-7. Does your jurisdiction have an adopted stormwater master plan?**

- A. Yes = 44 (60%)
- B. No = 29 (40%)



**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?**

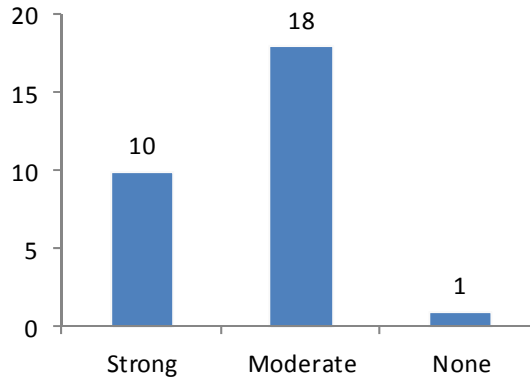
- A. Yes = 18 (64%)
- B. No = 10 (36%)



**Stormwater Program**

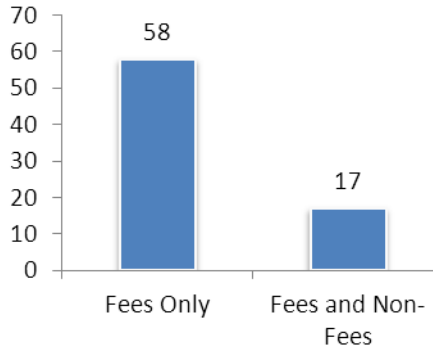
**3-9. If your jurisdiction does have an adopted stormwater master plan (i.e. you answered “Yes” to question 3-7), does your jurisdiction make an effort to coordinate your Local Government Comprehensive Plan with your stormwater Master Plan and NPDES Program concepts?**

- A. Strong Effort (34%)
- B. Moderate Effort (62%)
- C. No Effort (3%)



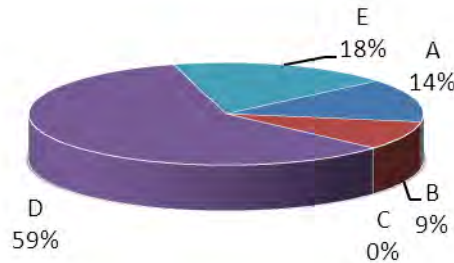
**3-10. Is your stormwater operating budget funded only from stormwater fee revenue, or are other non-fee funds utilized?**

- A. Stormwater fees only (77%)
- B. Stormwater fees and other non-fee funds (23%)



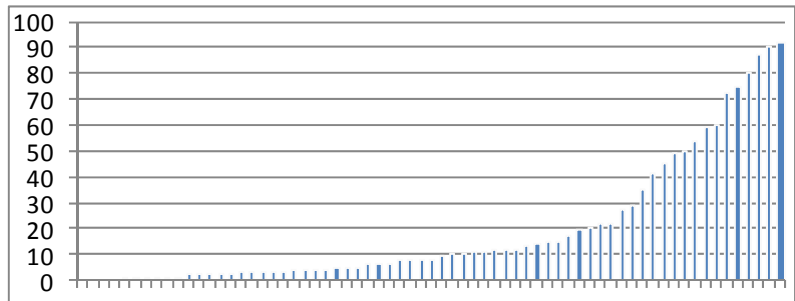
**3-11. If non-fee funds are used for operations, what is the source of the revenue?**

- A. Ad Valorem (3)
- B. Sales Tax (2)
- C. Gas Tax (0)
- D. General Fund (13)
- E. Other (4)



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

Average reported was 20.7 FTEs.  
 2011 was 20.5  
 2009 was 17.8  
 2007 was 22

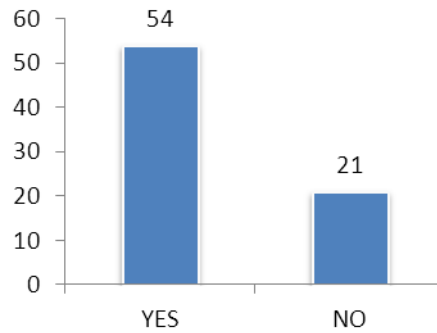




**Stormwater Program**

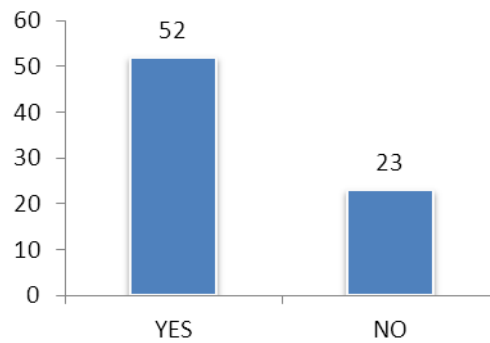
**3-13. Does your jurisdiction monitor improvements in water quality?**

- A. Yes = 54 (72%)
- B. No = 21 (28%)



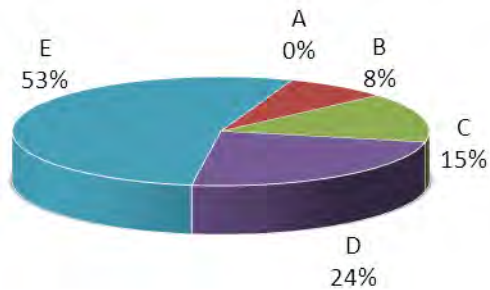
**3-14. Does your jurisdiction monitor improvements in flood protection?**

- A. Yes = 52 (69%)
- B. No = 23 (31%)



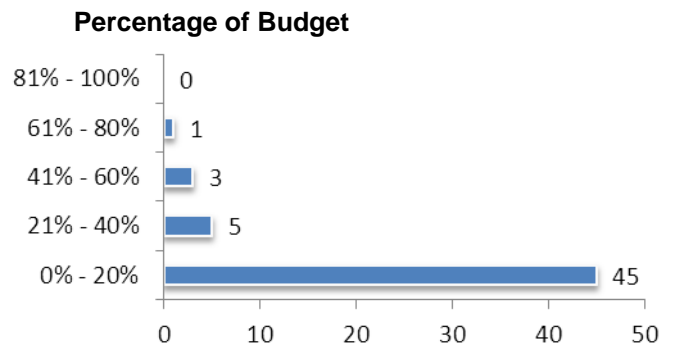
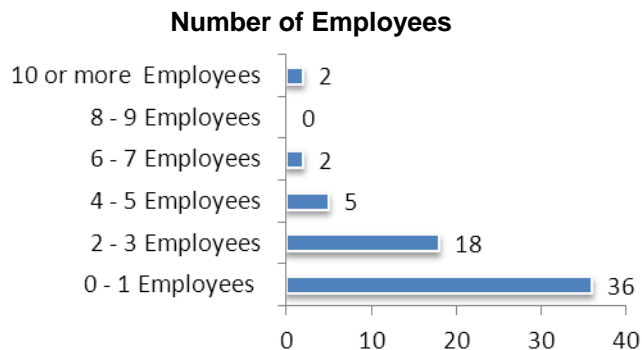
**3-15. What percentage of your jurisdiction's stormwater facilities are mapped and inventoried?**

- A. 0% = 0
- B. 25% = 6
- C. 50% = 11
- D. 75% = 18
- E. 100% = 40



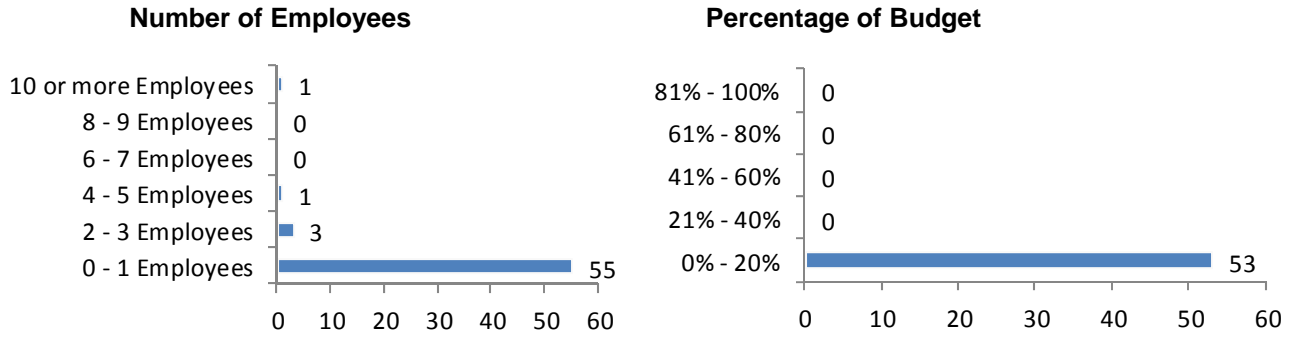
**3-16. Estimate the number of employees (FTE's) and the percentage of your total stormwater program's annual budget allocated to the following program categories:**

**Administration (Management, Billing, Records, Etc.)**

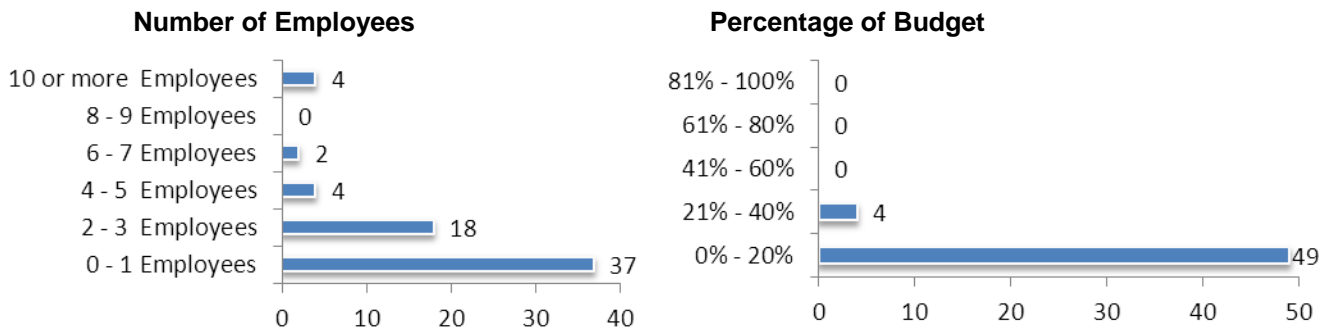


**Stormwater Program**

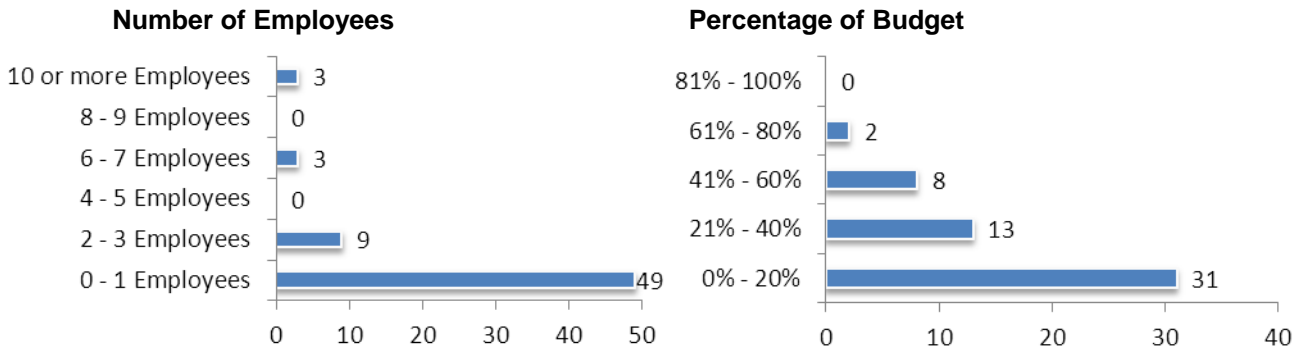
**Overhead Charges (Indirect Cost Allocation) Paid to Parent Governmental Jurisdiction**



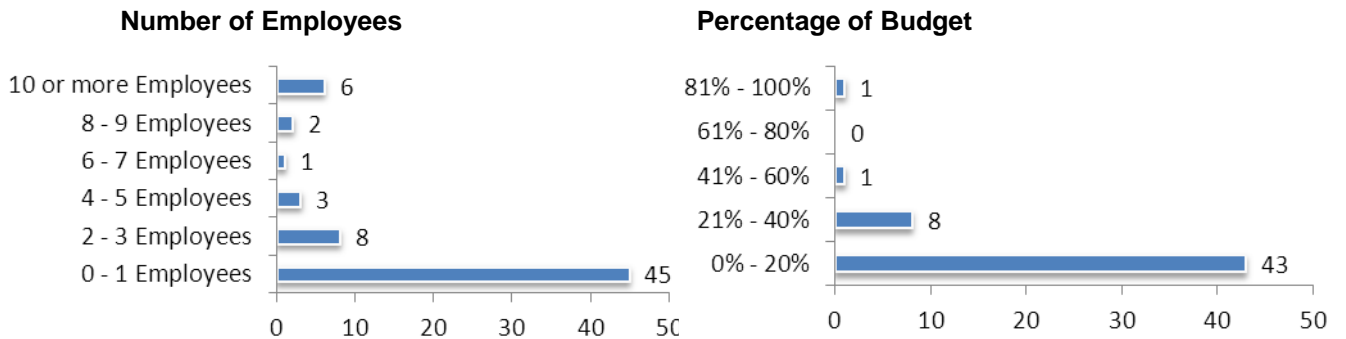
**Technical (Planning Engineering)**



**C.I.P.**

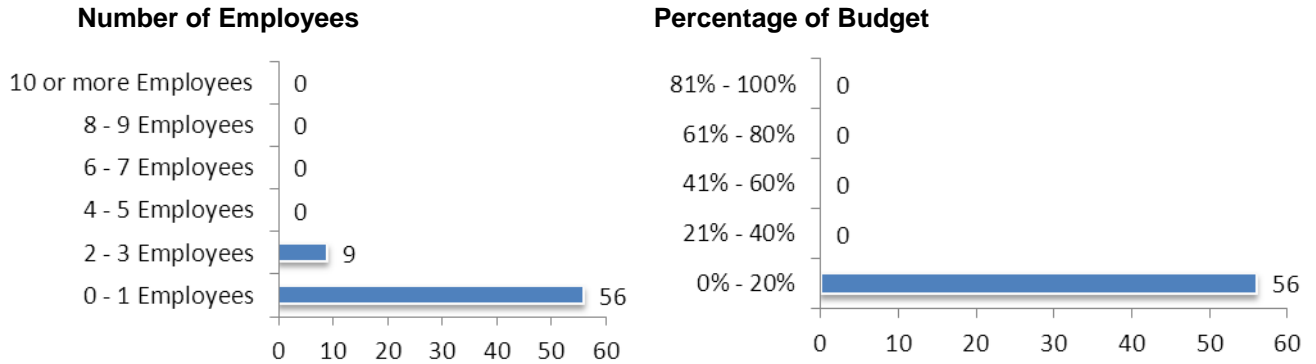


**NPDES MS4 Permit Compliance**

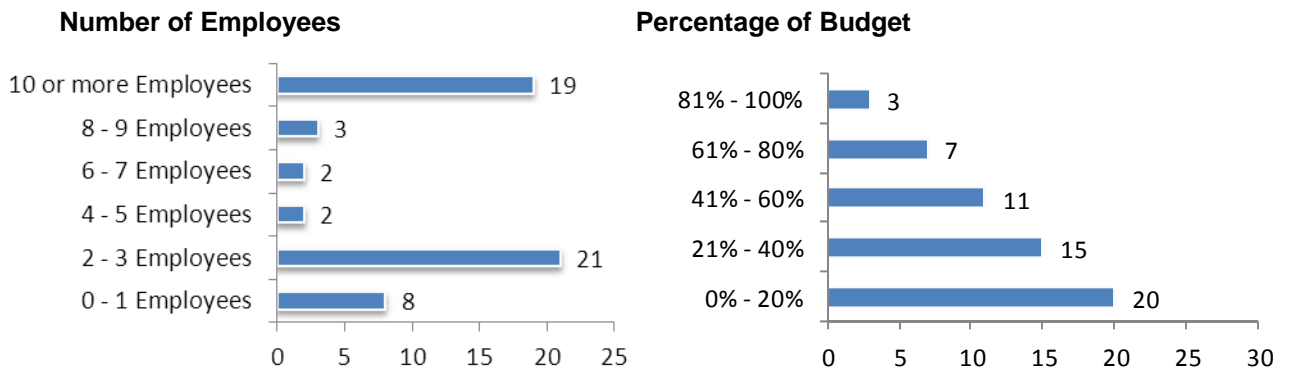


**Stormwater Program**

**Public Education and Information**

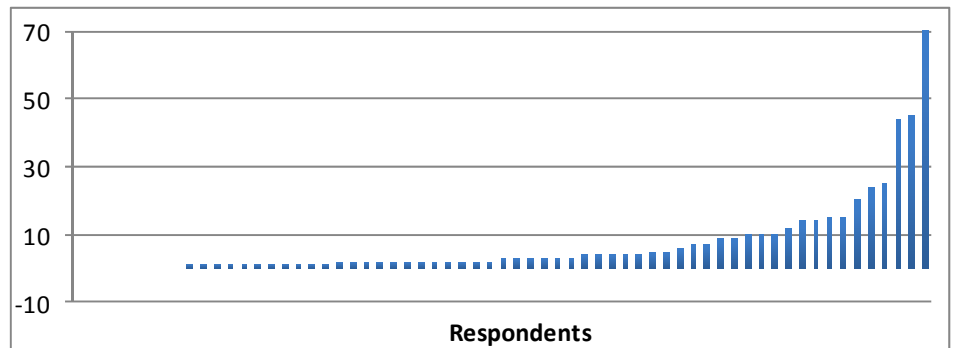


**O. & M. (Field Activities)**

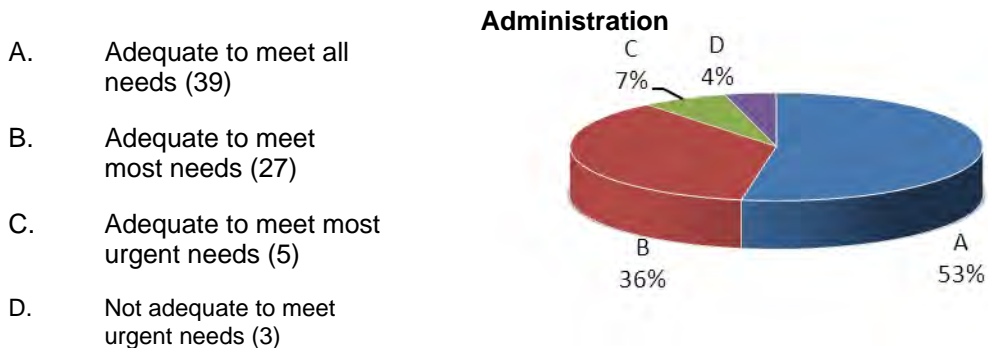


**3-17. For Operations and Maintenance (field) personnel, how many have received formal training or certification?**

Average Number: 7.13  
Average Percentage: 62%



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

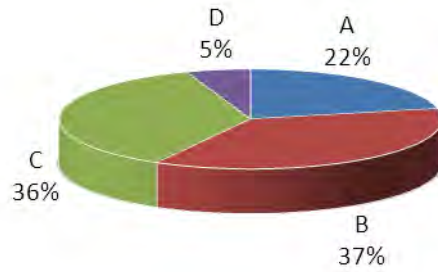


**Stormwater Program**

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

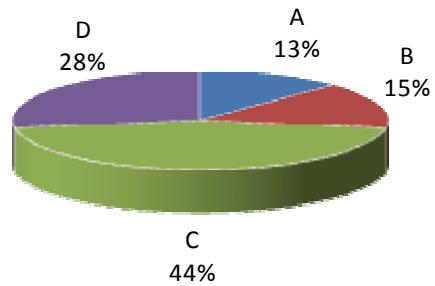
**O. & M.**

- A. Adequate to meet all needs (16)
- B. Adequate to meet most needs (27)
- C. Adequate to meet most urgent needs (27)
- D. Not adequate to meet urgent needs (4)



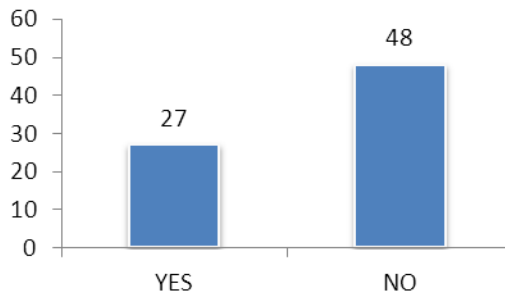
**C.I.P.**

- A. Adequate to meet all needs (9)
- B. Adequate to meet most needs (11)
- C. Adequate to meet most urgent needs (32)
- D. Not adequate to meet urgent needs (20)



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

- A. Yes = 27 (36%)
- B. No = 48 (64%)

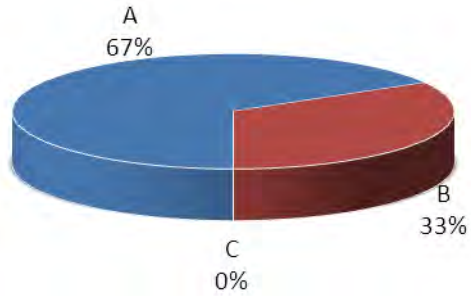




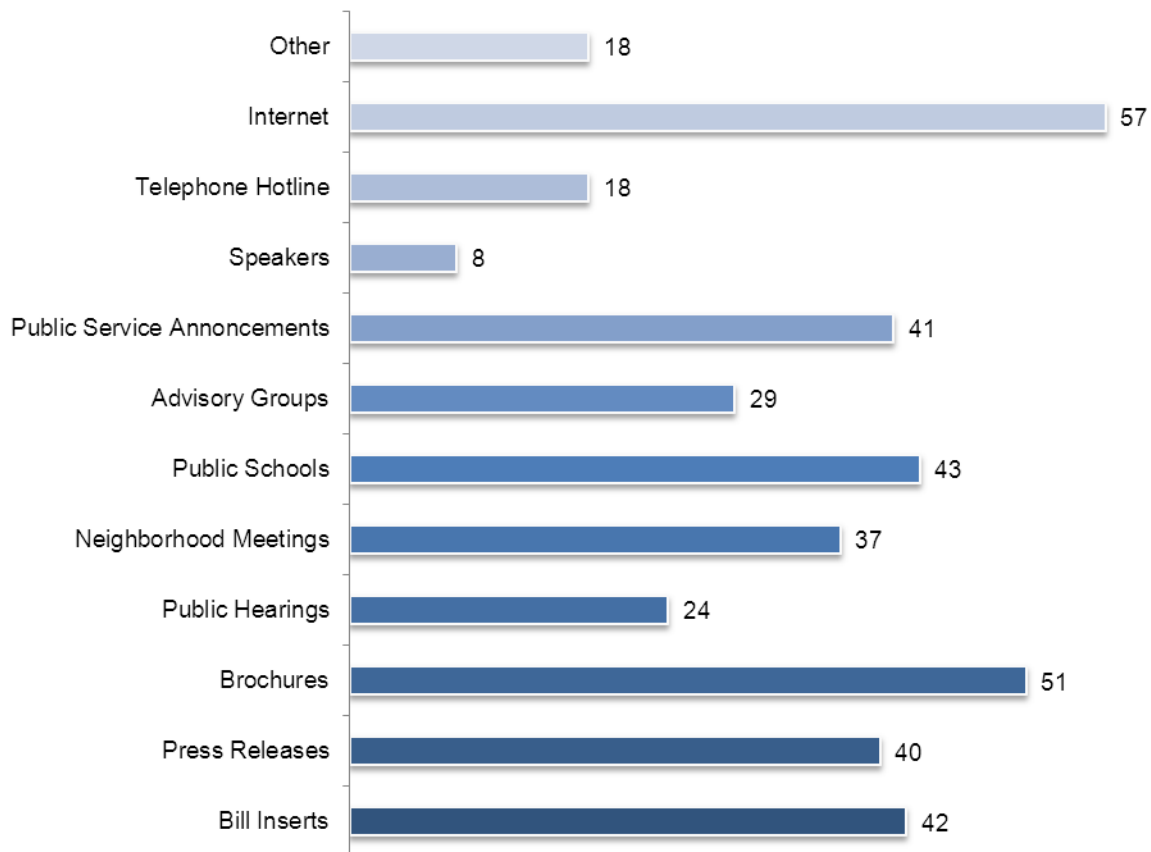
**Public Information Effort**

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

- A. Essential (50)
- B. Helpful (25)
- C. Not necessary (0)



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



# Appendix

## 2013 Survey Respondents

### Alabama

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#### Jefferson County

Mandy Elledge  
Director, Storm Water Management  
716 Richard Arrington Jr. Blvd, Rm B210  
Birmingham, AL 35203

### Florida

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#### City of Stuart

Sam Amerson  
Public Works Director  
121 SW Flagler Avenue  
Stuart, FL 34994

### Georgia

---

#### Barrow County

Matt Treeter  
Director  
233 East Broad Street  
Winder, GA 30680

#### City of Austell

Duane Demeritt, CFM  
Floodplain Administrator  
5000 Austell-Powder Springs Road, Ste 101  
Austell, GA 30106

#### City of Doraville

Steven Strickland  
Storm Water Inspector/Aborist  
3725 Park Avenue  
Doraville, GA 30340

#### City of Fairburn

Troy Besseche  
Community Development Director  
56 Malone Street SW  
Fairburn, GA 30213-1341

#### City of Garden City

Ron Feldner  
Deputy City Manager  
#2 Bud Brown Road, Ste A  
Garden City, GA 31408

#### City of Holly Springs

Nancy Moon  
Community Development Director  
PO Box 990  
Holly Springs, GA 30142-0990

#### City of Athens/Clarke County

Ryan Eaves  
Stormwater Coordinator  
PO Box 1868  
Athens, GA 30603-1868

#### City of Covington

Tres Thomas  
City Engineer/Assistant Public Works Director  
PO Box 1527  
Covington, GA 30015-1527

#### City of Dunwoody

Carl Carver  
Deputy Director of Public Works-Stormwater  
41 Perimeter Center East, Ste 250  
Dunwoody, GA 30346

#### City of Fayetteville

Chris Hindman  
Director of Public Services  
328 First Manassas Mile  
Fayetteville, GA 30214

#### City of Griffin

Brant Keller  
Director of Public Works & Utilities  
100 South Hill Street  
Griffin, GA 30224

#### City of Lawrenceville

Paul Austin  
City Engineer  
PO Box 2200  
Lawrenceville, GA 30046-2200

## 2013 Survey Respondents

### Georgia (continued)

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#### **City of Peachtree City**

Mark Caspar  
Public Services Director  
209 McIntosh Trail  
Peachtree City, GA 30269

#### **City of Snellville**

Gaye Johnson  
Director of Public Works  
1000 E. Park Drive  
Snellville, GA 30078

#### **City of Warner Robins**

Walter Gray  
City Engineer  
202 N. Davis Drive  
Warner Robins, GA 31093

#### **Columbia County**

Jacques Palmer  
Project Manager  
PO Box 204660  
Martinez, GA 30917

#### **Gwinnett County**

Steve Leo  
Director, Stormwater Management Division  
684 Winder Highway  
Lawrenceville, GA 30045

#### **City of Powder Springs**

Pam Conner  
Community Development Director  
PO Box 46  
Powder Springs, GA 30127

#### **City of Valdosta**

Emily Davenport  
Stormwater Manager  
PO Box 1125  
Valdosta, GA 31603-1125

#### **City of Woodstock**

Kelen Shostak  
Environmental Manager  
12453 Highway 92  
Woodstock, GA 30188

#### **DeKalb County**

Angel Jones  
Roads and Drainage  
727 Camp Road  
Decatur, GA 30032

#### **Rockdale County**

Daniel Rothwell  
General Stormwater Engineer/Manager  
PO Box 289  
Conyers, GA 30012

### Kentucky

---

#### **City of Hopkinsville**

Steve King  
Surface and Stormwater Utility Board  
PO Box 588  
Hopkinsville, KY 42241-0101

#### **Lexington Fayette Urban County Gov**

Susan Plueger  
MS4 Water Quality Manager  
125 Lisle Industrial Avenue, Ste 180  
Lexington, KY 40511

#### **Warren County**

Jack Wright  
Storm Water Management Director  
1141 State Street, 2nd Floor  
Bowling Green, KY 42101

#### **City of Radcliff**

Toby Spalding  
City Engineer  
411 W. Lincoln Trail Blvd  
Radcliff, KY 40159

#### **\*Sanitation District #1**

Sean Blake  
Senior Manager  
1045 Eaton Drive  
Ft. Wright, KY 41017

## 2013 Survey Respondents

### North Carolina

---

#### **City of Archdale**

D. J. Seneres  
Stormwater Program Manager  
PO Box 14068  
Archdale, NC 27263

#### **City of Charlotte**

Daryl Hammock  
Water Quality Manager  
PO Box 37979  
Charlotte, NC 28237-7979

#### **City of Fayetteville**

Shauna Haslem  
Stormwater Educator  
433 Hay Street  
Fayetteville, NC 28301-5537

#### **City of High Point**

Derrick Boone  
Stormwater Superintendent  
PO Box 230  
High Point, NC 27261-0230

#### **City of Raleigh**

Danny Bowden  
Stormwater Utility Manager  
PO Box 590, Rm 301  
Raleigh, NC 27602

#### **City of Wilmington**

David Mayes  
Stormwater Services Manager  
PO Box 1810  
Wilmington, NC 28402-1810

#### **Mecklenburg County**

W. Dave Canaan  
Director, Water and Land Resources  
700 N Tryon Street  
Charlotte, NC 28202

#### **Town of Indian Trail**

Scott Kaufhold  
Director of Engineering and Public Works  
130 Blythe Drive  
Indian Trail, NC 28079

#### **Town of Morrisville**

Rich Cappola  
Town Engineer  
260-B Town Hall Drive  
Morrisville, NC 27560

#### **City of Asheville**

Keisha Lipe  
Stormwater Quality Specialist  
PO Box 7148  
Asheville, NC 28802

#### **City of Concord**

Jeff Corley  
Deputy Water Resources Director  
PO Box 308  
Concord, NC 28026-0308

#### **City of Greensboro**

Shree Collins  
Compliance Specialist, Dept of Water Resources  
PO Box 3136  
Greensboro, NC 27402-3136

#### **City of Monroe**

Chris Costner  
Stormwater Supervisor  
PO Box 69  
Monroe, NC 28111

#### **City of Rocky Mount**

Blair Hinkle  
Stormwater Manager  
PO Box 1180  
Rocky Mount, NC 27802-1180

#### **City of Winston-Salem**

Keith Huff  
Stormwater Manager  
PO Box 2511  
Winston-Salem, NC 27102

#### **Town of Hope Mills**

Melanie Mason  
Stormwater Administrator  
5770 Rockfish Road  
Hope Mills, NC 28348

#### **Town of Matthews**

Ralph Messera  
Public Works Director  
1600 Tank Town Road  
Matthews, NC 28105

#### **Town of Wrightsville Beach**

Michael Vukelich  
Public Works Director  
PO Box 626  
Wrightsville Beach, NC 28480-0626



## 2013 Survey Respondents

### South Carolina

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#### **\*Beaufort County**

Carolyn Wallace  
Business Manager  
120 Shanklin Road  
Beaufort, SC 29906

#### **City of Anderson**

Adam Cromer  
Stormwater Manager  
1100 Southwood Street  
Anderson, SC 29624

#### **City of Conway**

Susan Hucks  
Director of Public Works  
PO Drawer 1075  
Conway, SC 29528

#### **City of Folly Beach**

Charles Jarman  
Stormwater Utility Manager  
4045 Bridge View Drive  
North Charleston, SC 29405

#### **City of Myrtle Beach**

Steve Moore  
Supt. Streets & Drainage  
3210 Mr. Joe White Avenue  
Myrtle Beach, SC 29578

#### **City of North Charleston**

Mike Hardy  
Staff Engineer  
Post Office Box 190016  
North Charleston, SC 29419-9016

#### **City of Sumter**

Tiege Elliott  
Public Services  
PO Box 1449  
Sumter, SC 29151

#### **Greenville County**

Judy Wortkoetter  
County Engineer  
301 University Ridge, Ste 3900  
Greenville, SC 29601

#### **Town of James Island**

Charles Jarman  
Stormwater Manager  
4045 Bridge View Drive  
North Charleston, SC 29405

#### **Charleston County**

Charles Jarman  
Stormwater Manager  
4045 Bridge View Drive  
North Charleston, SC 29405

#### **City of Charleston**

Fowler Del Porto  
Senior Engineering Project Manager  
75 Calhoun Street, 3rd Floor  
Charleston, SC 29401

#### **City of Easley**

Emily Morgan  
Admin Assistant - Public Works  
201 N First Street  
Easley, SC 29640

#### **City of Isle of Palms**

Charles Jarman  
Stormwater Manager  
4045 Bridge View Drive  
North Charleston, SC 29405

#### **City of North Augusta**

Tom Zeaser  
Director of Engineering & Public Works  
100 Georgia Avenue  
North Augusta, SC 29841

#### **City of North Myrtle Beach**

Jay Beeson  
Stormwater Compliance Manager  
1018 2nd Avenue South  
North Myrtle Beach, SC 29582-3100

#### **Dorchester County**

Kelly Billbrough  
Stormwater - Civil Engineer Technician  
2120 E Main Street  
Dorchester, SC 29437

#### **Town of Hilton Head Island**

Cary Gaffney  
Storm Water Administrator  
1 Town Center Court  
Hilton Head Island, SC 29928

#### **Town of Lincolnton**

Charles Jarman  
Stormwater Manager  
4045 Bridge View Drive  
North Charleston, SC 29405

## 2013 Survey Respondents

### South Carolina (continued)

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#### **Town of Mount Pleasant**

Hillary Repik  
Stormwater Manager  
100 Ann Edwards Lane  
Mount Pleasant, SC 29464

#### **Town of Sullivan's Island**

Charles Jarman  
Stormwater Manager  
4045 Bridge View Drive  
North Charleston, SC 29405

### Tennessee

---

#### **City of Chattanooga**

Mo Minkara  
Water Quality Manager  
1250 Market Street, Ste 2100  
Chattanooga, TN 37402

#### **City of Franklin**

Crystal Piper  
Stormwater Management Coordinator  
109 3rd Avenue South, Ste 142  
Franklin, TN 37064

#### **City of Goodlettsville**

Amy Murray  
Public Works Superintendent  
215 Cartwright Street  
Goodlettsville, TN 37072

#### **City of Maryville**

Dale Jayne  
Stormwater Program Manager  
416 Broadway Avenue  
Maryville, TN 37801

#### **City of Murfreesboro**

Robert Haley  
NPDES Stormwater Coordinator  
220 NW Broad Street  
Murfreesboro, TN 37130

#### **Davidson County/City of Nashville**

Michael Hunt  
System Service Manager, NPDES Division  
1607 County Hospital Road  
Nashville, TN 37218

#### **\*Hamilton County**

Tim McDonald  
Program Manager  
1250 Market Street, Ste 3050  
Chattanooga, TN 37402

#### **Town of Signal Mountain**

Loretta Hopper  
Public Works Director  
1111 Ridgeway Avenue  
Signal Mountain, TN 37377

#### **\* Additional Cities and Counties included in the reporting Jurisdictions**

**Beaufort County, SC includes:** City of Beaufort, Town of Bluffton, Town of Hilton Head Island and Town of Port Royal

**Sanitation District #1, KY includes:** Boone County, Campbell County, City of Alexandria, City of Bellevue, City of Bromley, City of Cold Springs, City of Covington, City of Crescent Springs, City of Crestview, City of Crestview Hills, City of Dayton, City of Edgewood, City of Elsmere, City of Erlanger, City of Fort Mitchell, City of Fort Thomas, City of Fort Wright, City of Highland Heights, City of Independence, City of Kenton Vale, City of Lakeside Park, City of Ludlow, City of Melbourne, City of Newport, City of Park Hills, City of Silver Grove, City of Southgate, City of Taylor Mill, City of Union, City of Villa Hills, City of Wilder, City of Woodlawn, and Kenton County.

**Hamilton County, TN includes:** City of Collegedale, City of East Ridge, City of Lakesite, Town of Lookout Mountain, City of Ridgeside, City of Red Bank, and City of Soddy-Daisy.



**2013 Southeast Stormwater Utility Survey Order Form**

Please complete this form to order a copy of the 2013 survey report. SESWA's Federal EIN is 20-2305722. Fax to (850) 222-4124 or mail with your payment or purchase order to:

SESWA  
P O Box 10530  
Tallahassee, FL 32302-2530

Name: \_\_\_\_\_ SESWA Member: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**2013 Southeast Stormwater Utility Survey Report CD**  
**\$20 (SESWA Members)                      \$50 (Non-Members)**

Please send me \_\_\_\_\_ copies of the 2013 Southeast Stormwater Utility Survey Report at  
\$ \_\_\_\_\_ each for a total of \_\_\_\_\_.

Please enclose your check or call in VISA or MC credit card payment information to 1(866)  
FOR-SESWA (367-7379)

## **SESWA Membership**

The Southeast Stormwater Association was created in 2005 in response to the demand for information on stormwater management, regulations and finance questions in the Southeast. We have grown to 150 member organizations. Members are local governments including cities and counties from Alabama, Florida, Georgia, Kentucky, Mississippi, North and South Carolina and Tennessee; non-profit corporations or associations; state, sub-state, and regional entities; special districts or authorities; and, for-profit engineering, environmental, scientific, management or financial consulting firms; and, institutions of higher learning.

Membership is organizational; all employees of the organization are included in the membership. To become a member, the primary point of contact for the organization should complete the membership application below.

For local government members, dues are \$200 plus \$0.005 per capita using the most recent census data. Associate and private sector members are based on the number of professional employees in the stormwater, utilities, or related environmental sciences that are employed in the organization within the southeast United States.

SESWA's fiscal year begins July 1<sup>st</sup> and dues are prorated after the end of the first quarter, however, dues cannot be less than \$200 per year. Please contact the SESWA office at 1 (866) FOR-SESWA (367-7379) for assistance with calculating your dues.

We are dedicated to the support and education of stormwater professionals in the Southeast. Now that you are more familiar with SESWA, we invite you to join. The success of SESWA is dependent upon continued growth in membership from leaders in stormwater management.

### **Contact Information**

Organization/Jurisdiction: \_\_\_\_\_

Primary Contact: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Website \_\_\_\_\_

### **Dues Payment**

*If you do not know the amount of dues for your jurisdiction, please call (866) 367-7379.*

Associate/Private member, number of employees \_\_\_\_\_

Total Dues \$ \_\_\_\_\_

### **Utility Information**

Do you have a stormwater utility?      Yes                      No      (please circle one)

If yes: Utility Rate \_\_\_\_\_ ERU Size \_\_\_\_\_

**Please enclose a check and mail to  
SESWA  
PO Box 10530  
Tallahassee, FL 32302**

**or call our office to pay by VISA or MC**

**1-(866) FOR-SESWA (367-7379)**