



2023

Southeast Stormwater Utility Report

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- + Providing advice and tools for customer service, data maintenance, and billing system integration
- + Delivery of sophisticated and user-friendly, financial rate models to meet communities' funding planning needs
- + Experience in developing new funding streams and updating program and financial approaches to today's standards

The Southeast Stormwater Association

The Southeast Stormwater Association was formed in 2005 to assist stormwater professionals in the Southeast as they seek solutions to surface water quality and stormwater management challenges. SESWA's boundaries mirror those of EPA Region IV and include the states of Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee. With a primary focus on services to stormwater professionals in city and county governments, membership is also available to those in state, regional and local governments, the private sector, non-profit organizations, and academia.

SESWA is the only regional stormwater association dedicated to improving surface water quality and advancing the interests of stormwater professionals and programs. Industry leading services include:

- Providing the “best-of-the-best” education and training for stormwater professionals.
- Advocating for the interests of stormwater programs in the decision-making processes of regulatory agencies and the courts.
- Researching, collecting, and distributing information about stormwater management practices, water quality, and the creation/operation of stormwater utilities and other financing mechanisms.
- Promoting and enhancing the effective management and operation of stormwater management systems.



Southeast Stormwater Association

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Acknowledgements

The Southeast Stormwater Association wishes to express its appreciation to the following companies that sponsored the 2023 Southeast Stormwater Utility Report. The publication of this Report would not have been possible without their support.



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Introduction

The Southeast Stormwater Association was created to assist professionals in the public and private sectors seeking to address problems associated with surface water quality and stormwater management. Researching, collecting, and disseminating information about stormwater utilities and stormwater management practices is one of the services that SESWA provides.

This Report presents the results of SESWA's eighth biennial Survey of Stormwater Utilities in the southeastern United States. Its purpose is to provide useful information for managers and policymakers concerning practices and trends in this important financing tool. Information on Stormwater Utilities in Florida may be viewed by visiting the [Florida Stormwater Association's](#) website under the Member Services tab.

Stormwater regulations, policies and technologies are constantly changing. Stormwater utilities are a viable "user fee" funding option for cities and counties to consider. Stormwater utility fees can be used to help fund administrative costs, operations and maintenance, retrofits, and capital improvements for flood control and water quality improvements.

How to Use This Report

SESWA has identified 114 jurisdictions with stormwater utilities in 2023. Of those, there were 99 respondents who completed and returned the survey. Data in this Report is based on information provided by respondents and is not necessarily a reflection of the Southeast as a whole. Questions with no response are noted as "NR" and questions that didn't apply are noted as "N/A."

The Southeast presents many challenges for collecting data as there are many variables in the way stormwater utility fees are structured, administered and collected. Some of the information reported (e.g., fees or ERU size) may have been adjusted so that a common basis to display the information can be shown in this Report.

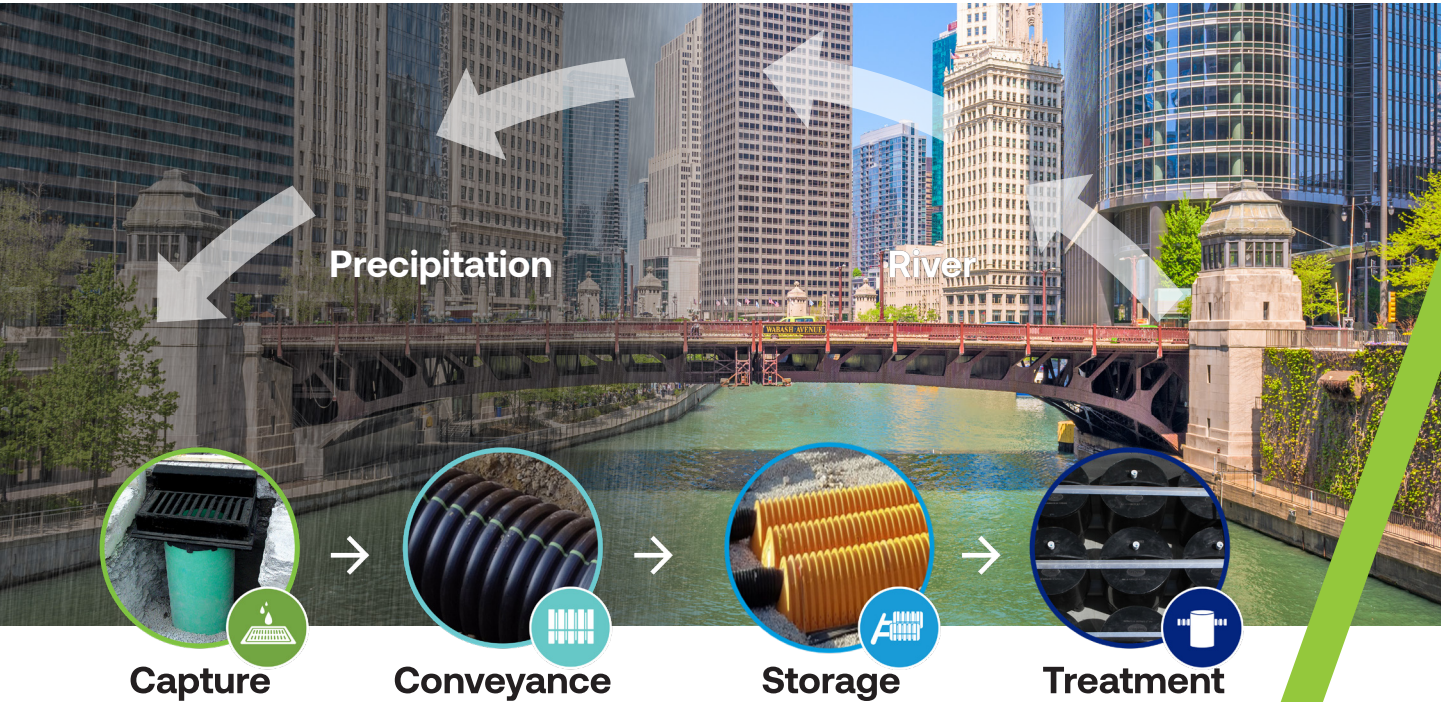
We hope you find this Report to be a valuable resource. A list of respondents can be found at the end of this Report. For more information on SESWA, or to order additional reports, please visit www.SESWA.org or contact us at info@SESWA.org, (866) 367-7379.

Utility Characteristics



2023 Southeast Stormwater Utility Report

Innovative Water Management Solutions



Advanced Drainage Systems designs, manufactures and delivers water management solutions for companies and communities.

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Utility Characteristics

1-1. How is your utility organized?



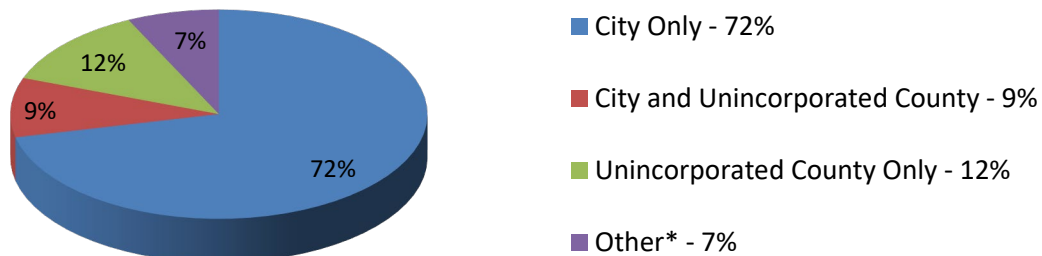
*Respondents provided the following comments to *Combined with Other Department*: 1) Water Utilities 2) Community Development 3) Engineering 4) Metro Water Services 5) Water Resources (Water, Sewer, Stormwater) 6) Environmental Quality and Public Works

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



Note: Data only reflects respondent information reported in 2023.

1-3. What jurisdiction does your utility serve?



*Respondents provided the following comments to *Other*: 1) Defined Service Area, 2) Metro City / County 3) Multiple Cities 4) Urban – County Government

Utility Characteristics

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

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

1-6. How many accounts does your utility serve?

Average acres served is 99,498. 2021 average was 89,912.

Average population is 105,949. 2021 average was 98,710.

Average number of Residential Accounts is 32,677. 2021 average was 31,617.

Average number of Non-Residential Accounts is 6,710. 2021 average was 4,441.

Jurisdiction	State	Physical Area in Acres	Population	Residential Accounts	Non- Residential Accounts
Barrow County	GA	104,217	83,505	NR	NR
Beaufort County	SC	376,227	93,913	29,892	36,186
Berkeley County	SC	547,824	220,000	76,295	4,673
Charleston County	SC	240,000	115,000	32,842	1,815
City of Anderson	SC	9,000	29,284	11,009	1,368
City of Archdale	NC	5,284	12,105	4,055	968
City of Athens/Clarke County	GA	77,440	127,358	29,292	3,793
City of Belmont	NC	7,300	12,558	5,523	NR
City of Birmingham	AL	94,974	202,234	34,836	32,478
City of Bristol	TN	21,105	27,530	10,530	1,511
City of Brunswick	GA	10,944	16,300	4,232	2,628
City of Charleston	SC	90,880	156,536	135,000	NR
City of Charlotte	NC	196,700	950,000	196,000	26,000
City of Chattanooga	TN	96,077	182,113	5,711	8,191
City of Cleveland	TN	19,624	44,595	14,649	2,560
City of Concord	NC	40,879	108,229	NR	NR
City of Conway	SC	15,281	23,714	7,688	1,057
City of Covington	GA	10,180	14,598	4,524	1,117
City of Dunwoody	GA	8,476	51,683	12,675	523
City of East Point	GA	8,640	35,000	9,708	743
City of Fairburn	GA	10,925	17,542	4,804	337
City of Fayetteville	GA	8,320	19,284	7,200	1,500
City of Folly Beach	SC	13,200	2,700	2,395	225
City of Garden City	GA	9,344	9,100	3,025	575
City of Gastonia	NC	33,000	81,161	31,417	3,500
City of Georgetown	SC	4,416	8,403	4,371	1,429
City of Goodlettsville	TN	9,152	16,950	5,913	580
City of Greensboro	NC	87,424	300,000	77,528	13,236
City of Greenville, NC	NC	24,094	84,986	30,106	9,704
City of Greenville, SC	SC	19,048	72,095	20,422	4,781

Utility Characteristics

Account Detail (continued)

Jurisdiction	State	Physical Area in Acres	Population	Residential Accounts	Non- Residential Accounts
City of Griffin	GA	9,558	23,643	10,162	1,773
City of Hendersonville	TN	24,320	60,000	20,000	1,200
City of High Point	NC	37,344	116,065	44,586	4,762
City of Holly Springs	GA	5,142	17,473	5,587	224
City of Isle of Palms	SC	3,200	4,300	4,700	170
City of La Vergne	TN	16,064	39,091	NR	NR
City of Loganville	GA	NR	13,810	5,044	791
City of Maryville	TN	11,300	32,263	10,200	1,104
City of Monroe	NC	19,885	35,150	12,077	1,601
City of Murfreesboro	TN	41,563	152,769	41,429	2,194
City of Murray	KY	7,232	17,741	5,107	979
City of Myrtle Beach	SC	15,205	38,253	23,378	4,058
City of Norcross	GA	4,800	17,642	4,454	661
City of North Augusta	SC	16,344	22,229	9,695	477
City of North Charleston	SC	52,735	110,861	27,544	4,147
City of North Myrtle Beach	SC	14,985	19,727	13,028	1,911
City of Peachtree City	GA	16,282	38,248	12,952	570
City of Peachtree Corners	GA	11,117	43,268	112,797	9,273
City of Perry	GA	18,099	22,029	7,023	513
City of Powder Springs	GA	4,947	17,083	5,794	320
City of Raleigh	NC	95,744	469,124	119,167	16,413
City of Richland	MS	7,680	7,200	2,500	NR
City of Rocky Mount	NC	29,016	53,957	22,867	2,337
City of Roswell	GA	26,880	92,530	25,340	1,118
City of Salisbury	NC	22,464	33,955	NR	NR
City of Snellville	GA	6,992	20,076	7,486	460
City of Stuart	FL	4,220	16,173	3,544	1,291
City of Sumter	SC	21,000	42,996	14,500	1,700
City of Thomasville	NC	7,104	27,374	10,230	979
City of Valdosta	GA	23,320	55,567	21,062	2,168
City of Washington	NC	5,395	9,875	4,842	815
City of Wilmington	NC	33,892	117,643	33,603	5,440
City of Woodstock	GA	8,012	31,564	10,740	1,179
Clayton County Water Authority	GA	91,520	292,256	77,954	4,842
Columbia County	GA	54,307	126,865	N/A	N/A
Davidson County/City of Nashville	TN	293,879	216,839	211,569	192,327
Dorchester County	SC	368,000	163,347	33,090	1,556

Utility Characteristics

Account Detail (continued)

Jurisdiction	State	Physical Area in Acres	Population	Residential Accounts	Non- Residential Accounts
Douglasville-Douglas County Water and Sewer Authority	GA	127,360	150,000	44,170	2,220
Durham County	NC	1,260,000	51,786	14,077	1,116
Georgetown County	SC	520,960	61,297	NR	NR
Greenville County	SC	500,000	533,834	176,353	11,446
Henry County	GA	209,118	234,561	53,660	1,311
Horry County	SC	756,570	278,029	130,910	36,843
Jefferson County	AL	396,831	85,000	NR	NR
Jefferson County DOH - SWMA	AL	160,719	248,176	NR	NR
Lancaster County	SC	37,312	40,680	17,881	503
Lexington-Fayette Urban County Govt	KY	182,733	325,000	98,132	6,776
Mecklenburg County	NC	61,440	115,000	43,000	22,000
Richland County	SC	494,080	414,719	NR	NR
Rockdale County	GA	76,800	93,570	26,056	1,027
Sanitation District #1	KY	108,800	278,500	79,000	6,400
Spartanburg County	SC	203,520	275,000	NR	NR
Town of Apex	NC	16,000	63,000	21,247	545
Town of Bluffton	SC	33,447	27,716	8,826	7,108
Town of Carrboro	NC	4,160	21,808	5,670	237
Town of Fort Mill	SC	12,597	27,991	8,493	567
Town of Hilton Head Island	SC	25,806	37,661	13,080	26,721
Town of James Island	SC	6,160	12,000	5,220	160
Town of Kernersville	NC	16,045	26,793	7,468	1,099
Town of Lincolnville	SC	700	1,380	560	110
Town of Matthews	NC	11,000	33,000	10,373	587
Town of Morrisville	NC	6,272	32,548	5,172	857
Town of Mount Pleasant	SC	31,680	93,000	33,730	2,279
Town of Sullivan's Island	SC	2,100	1,900	1,040	41
Town of Summerville	SC	13,012	51,216	24,137	NR
Warren County	KY	300,000	60,000	23,000	649

Utility Fees and Rates



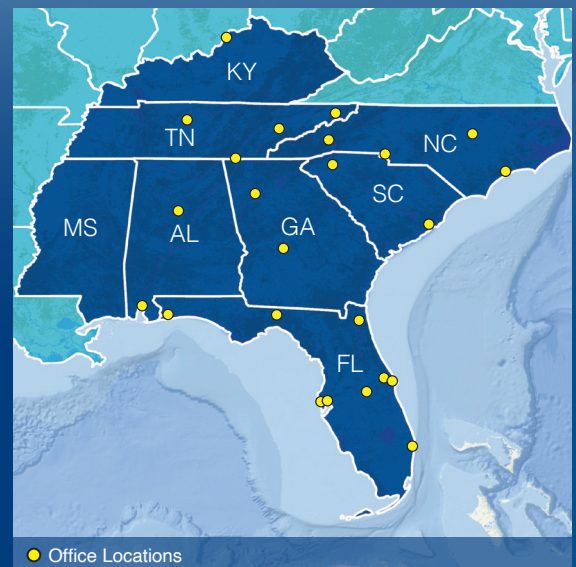
2023 Southeast Stormwater Utility Report

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Geosyntec Consultants provides engineering and consulting services to solve complex problems involving the environment, natural resources, and civil infrastructure.

Based in Florida for over 39 years, the firm has over 1,900 engineers, scientists, and support personnel in more than 90 offices throughout the U.S. and abroad.



INFRASTRUCTURE

- Resiliency & Adaptation
- Asset Maintenance and Management
- Stormwater Retrofits
- Stormwater Utility Master Plans
- Erosion & Sediment Control
- Drainage Design
- Integrated Water Resources
- Vulnerability Assessments
- Coastal/Marine Structures



WATER QUALITY

- Watershed Management
- BMP Retrofits & Monitoring
- Low Impact Design
- Green Infrastructure
- TMDL Implementation
- NPDES/MS4 Support
- Pollutant Load Modeling
- Sediment Assessment
- Lake Management



NATURAL RESOURCES MANAGEMENT

- Environmental Resource Permitting
- Natural Systems
- Hydromodification
- Geomorphology
- Conservation & Restoration
- Living Shorelines
- GIS Visualization



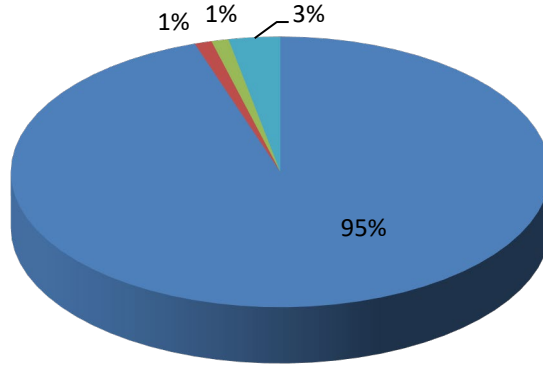
MODELING

- Groundwater
- Floodplain Management
- Integrated Modeling
- Climate Change
- Level of Service
- Basin Studies
- Watershed
- Receiving Water
- Water Quality
- Hydrologic and Hydraulic

Utility Fees and Rates

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

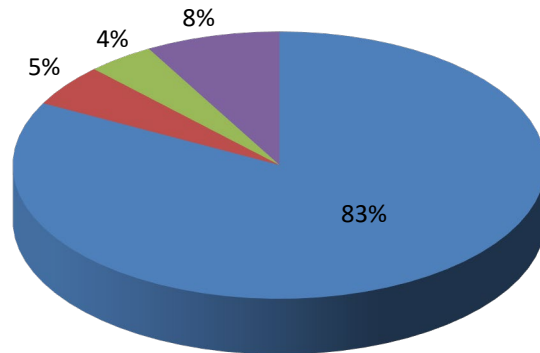
- User Fee - 95%
- Non-Ad Valorem or Special Assessment - 1%
- Ad Valorem Tax - 1%
- Sales Tax - 0%
- Other* - 3%



*Respondents provided the following comments to *Other*: 1) Flat fee based on residential or commercial designation, and 2) based on water or electric meter account holders.

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

- Impervious Area - 83%
- Both Gross Area and Impervious Area - 5%
- Gross Area with Intensity of Development Factor - 4%
- Other* - 8%



*Respondents included the following comments to *Other*: 1) Billed monthly on active water, sewer, electric billing accounts 2) Residential is Flat Fee, and 3) Flat Fee

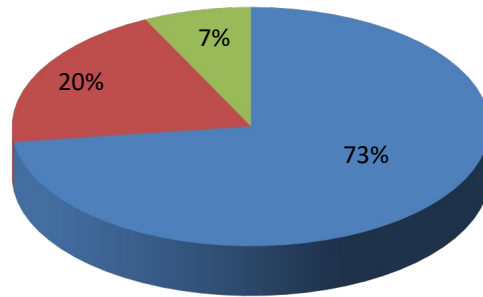
2-3. If impervious area is the fee basis, what is the square footage of your average billing unit (ERU or similar designation)?

	2023	2021
Average	3,554	3,382
High	20,000	20,000
Low	100	100

Utility Fees and Rates

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.)?

- Single-Family - 73%
- All Residential Types - 20%
- Other* - 7%



*Respondents provided the following comments to *Other*: 1) Unique billing for all categories 2) Single family homes and duplexes 3) All properties have same rate.

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

	2023	2021
Average Utility Rate:	\$5.38	\$4.52
Standardized Average Utility Rate*:	\$1.99	\$2.08

Highest Standardized Utility Rate = \$24.60

Lowest Standardized Utility Rate = \$0.11

*Standardized Average Utility Rate changes billing area to 1,000 sq ft. for all respondents.

Stormwater Utility Rates per Month

Jurisdiction	State	Rate	ERU	Standardized Rate
Barrow County	GA	\$4.00	3,478	\$1.15
Beaufort County	SC	\$8.33	4,906	\$1.70
Berkeley County	SC	\$3.00	2,760	\$1.09
Charleston County	SC	\$6.00	3,000	\$2.00
City of Anderson	SC	\$4.50	17,424	\$0.26
City of Archdale	NC	\$5.00	3,612	\$1.38
City of Athens/Clarke County	GA	\$3.51	2,628	\$1.34
City of Belmont	NC	\$5.00	2,500	\$2.00
City of Birmingham	AL	\$10.00	N/A	N/A
City of Bristol	TN	\$2.00	3,000	\$0.67
City of Brunswick	GA	\$4.50	2,200	\$2.05
City of Charleston	SC	\$11.00	2,200	\$5.00
City of Charlotte	NC	\$9.25	N/A	N/A
City of Chattanooga	TN	\$15.30	3,200	\$4.78

Utility Fees and Rates

Stormwater Utility Rates per Month (continued)

Jurisdiction	State	Rate	ERU	Standardized Rate
City of Cleveland	TN	\$3.65	3,830	\$0.95
City of Concord	NC	\$5.16	3,120	\$1.65
City of Conway	SC	\$7.25	2,700	\$2.69
City of Covington	GA	\$3.00	2,600	\$1.15
City of Dunwoody	GA	\$7.46	3,000	\$2.49
City of East Point	GA	\$9.50	3,200	\$2.97
City of Fairburn	GA	\$4.08	3,700	\$1.10
City of Fayetteville	GA	\$4.37	3,800	\$1.15
City of Folly Beach	SC	\$6.00	3,000	\$2.00
City of Garden City	GA	\$4.75	3,000	\$1.58
City of Gastonia	NC	\$5.00	2,650	\$1.89
City of Georgetown	SC	\$8.19	N/A	N/A
City of Goodlettsville	TN	\$3.67	2,900	\$1.27
City of Greensboro	NC	\$2.70	2,543	\$1.06
City of Greenville,	NC	\$7.35	2,000	\$3.68
City of Greenville	SC	\$6.61	2,389	\$2.77
City of Griffin	GA	\$6.11	2,200	\$2.78
City of Hendersonville	TN	\$6.00	3,930	\$1.53
City of High Point	NC	\$4.00	2,588	\$1.55
City of Holly Springs	GA	\$4.00	2,700	\$1.48
City of Isle of Palms	SC	\$6.00	3,000	\$2.00
City of La Vergne	TN	\$3.50	3,181	\$1.10
City of Loganville	GA	\$5.00	3,000	\$1.67
City of Maryville	TN	\$3.97	2,400	\$1.65
City of Monroe	NC	\$5.25	2,618	\$2.01
City of Murfreesboro	TN	\$3.25	3,470	\$0.94
City of Murray	KY	\$3.50	3,000	\$1.17
City of Myrtle Beach	SC	\$9.30	5,000	\$1.86
City of Norcross	GA	\$2.17	10,500	\$0.21
City of North Augusta	SC	\$5.00	N/A	N/A
City of North Charleston	SC	\$6.00	5,800	\$1.03
City of North Myrtle Beach	SC	\$8.00	3,500	\$2.29
City of Peachtree City	GA	\$6.89	4,600	\$1.50
City of Peachtree Corners	GA	\$2.46	100	\$24.60
City of Perry	GA	\$6.00	3,300	\$1.82
City of Powder Springs	GA	\$4.00	2,840	\$1.41
City of Raleigh	NC	\$7.18	2,260	\$3.18
City of Richland	MS	*Notes	2,500	N/A

Utility Fees and Rates

Stormwater Utility Rates per Month (continued)

Jurisdiction	State	Rate	ERU	Standardized Rate
City of Rocky Mount	NC	\$5.00	2,519	\$1.98
City of Roswell	GA	\$4.95	4,100	\$1.21
City of Salisbury	NC	\$4.41	2,500	\$1.76
City of Snellville	GA	\$0.40	3,800	\$0.11
City of Stuart	FL	\$7.00	3,707	\$1.89
City of Sugar Hill	GA	*Notes	1,000	N/A
City of Sumter	SC	\$2.50	3,000	\$0.83
City of Thomasville	NC	\$1.00	N/A	N/A
City of Valdosta	GA	\$3.50	3,704	\$0.94
City of Washington	NC	\$9.68	3,164	\$3.06
City of Wilmington	NC	\$8.51	2,500	\$3.40
City of Woodstock	GA	\$4.20	2,700	\$1.56
Clayton County Water Authority	GA	\$3.75	2,950	\$1.27
Columbia County	GA	*Notes	100	N/A
Davidson County/City of Nashville	TN	\$6.00	N/A	N/A
Dorchester County	SC	\$5.00	3,000	\$1.67
Douglasville-Douglas County Water and Sewer Authority	GA	\$4.00	2,543	\$1.57
Durham County	NC	\$4.00	4,300	\$0.93
Georgetown County	SC	\$4.33	3,770	\$1.15
Greenville County	SC	\$2.25	2,477	\$0.91
Gwinnett County	GA	*Notes	100	N/A
Hamilton County	TN	\$0.75	3,600	\$0.21
Henry County	GA	*Notes	4,780	N/A
Horry County	SC	\$7.45	20,000	\$0.37
Jefferson County	AL	\$0.42	N/A	N/A
Jefferson County DOH - SWMA	AL	*Notes	NR	N/A
Lancaster County	SC	\$5.00	3,500	\$1.43
Lexington-Fayette Urban County Government	KY	\$5.37	2,500	\$2.15
Mecklenburg County	NC	\$4.60	2,487	\$1.85
Richland County	SC	NR	N/A	N/A
Rockdale County	GA	\$9.50	4,200	\$2.26
Sanitation District #1	KY	\$4.54	2,600	\$1.75
Spartanburg County	SC	*Notes	N/A	N/A
Town of Apex	NC	*Notes	2,700	N/A
Town of Bluffton	SC	\$9.58	4,906	\$1.95
Town of Carrboro	NC	\$7.50	3,000	\$2.50
Town of Fort Mill	SC	\$6.00	3,473	\$1.73
Town of Hilton Head Island	SC	\$12.50	4,906	\$2.55

Utility Fees and Rates

Stormwater Utility Rates per Month (continued)

Jurisdiction	State	Rate	ERU	Standardized Rate
Town of James Island	SC	\$4.00	3,000	\$1.33
Town of Kernersville	NC	\$3.29	2,980	\$1.10
Town of Lincolnton	SC	\$4.00	3,000	\$1.33
Town of Matthews	NC	*Notes	N/A	N/A
Town of Morrisville	NC	\$3.33	2,800	\$1.19
Town of Mount Pleasant	SC	\$5.00	N/A	N/A
Town of Sullivan's Island	SC	\$6.00	3,000	\$2.00
Town of Summerville	SC	\$8.00	5,902	\$1.36
Warren County	KY	\$4.00	N/A	N/A

*Notes: Respondents provided the following comments in regard to stormwater utility rates:

- City of Richland, MS – \$200 per acre
- City of Sugar Hill, GA – \$18 per 1,000 sq ft impervious surface
- Columbia County, GA – \$0.1775 per 100 sq ft monthly
- Gwinnett County, GA – \$2.46 per 100 sq ft per year
- Henry County, GA – \$39.83 per residential, \$39.83 per impervious unit commercial
- Jefferson County DOH – SWMA, AL – \$5 per year residential and \$15 per year commercial
- Spartanburg County, SC – \$4 per \$100,000 in property value
- Town of Apex, NC – \$5 per 2,700/mo Tier Residential: 400-1500 = \$1.50, 1501-3000 = \$5, 3000-4000 = \$7, 4000+ = \$10.00
- Town of Matthews, NC – Tier 1: \$1.67/mo, Tier 2: \$2.58/mo, Tier 3: \$3.64/mo, Tier 4: \$5.98/mo. Commercial: \$43.56/acre/mo

Comparative Monthly Stormwater Rates

The table compares rates from jurisdictions from 2007 through 2023. Note that some jurisdictions are no longer expressing Stormwater Utility (SWU) rates based on a single Equivalent Residential Unit (ERU) but rather multiple ERUs expressed as ranges or tiers. For example, there may be four tiers or ranges of impervious area size to which a different ERU is assigned. For the purposes of reporting for SESWA's 2023 Survey and this final Report, SESWA has identified the most common tier and the average rate within that tier for such jurisdictions.

Comparative Monthly Stormwater Rates

		2007	2009	2011	2013	2015	2017	2019	2021	2023
Average		\$3.18	\$3.22	\$3.61	\$3.55	\$3.73	\$3.91	\$4.35	\$4.75	\$5.38
Jurisdiction	State	2007	2009	2011	2013	2015	2017	2019	2021	2023
Barrow County	GA			\$1.50	\$1.50	\$1.50	\$1.50	\$2.00	\$3.00	\$4.00
Beaufort County	SC	\$3.69		\$4.16	\$4.16	\$4.16	\$5.80	\$7.25	\$8.33	\$8.33
Berkeley County	SC							\$3.00	\$3.00	\$3.00
Charleston County	SC	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$6.00	\$6.00	\$6.00	\$6.00

Utility Fees and Rates

Comparative Monthly Stormwater Rates (continued)

Jurisdiction	State	2007	2009	2011	2013	2015	2017	2019	2021	2023
City of Aiken	SC	\$3.22				\$3.22	\$5.42			
City of Anderson	SC				\$4.00	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50
City of Archdale	NC	\$5.00		\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00
City of Asheville	NC				\$2.34	\$4.00	\$4.41	\$4.86		
City of Athens/Clarke County	GA	\$3.50	\$3.51	\$3.51	\$3.51	\$3.51	\$3.51	\$3.51	\$3.51	\$3.51
City of Auburn	GA						\$2.50	\$2.50	\$2.50	
City of Austell	GA				\$3.50	\$3.50	\$5.00			
City of Belmont	NC		\$3.00			\$3.00	\$3.00	\$3.00	\$5.00	\$5.00
City of Bessemer City	NC	\$2.07	\$2.07	\$2.07		\$2.07				
City of Birmingham	AL					\$0.43	\$0.83	\$0.83	\$0.83	\$10.00
City of Bristol	TN					\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
City of Brunswick	GA							\$3.95	\$4.50	\$4.50
City of Burlington	NC	\$2.00	\$2.00	\$2.00		\$2.00				
City of Charleston	SC	\$6.00	\$6.00	\$6.00	\$6.00	\$6.00	\$6.00	\$10.00	\$10.00	\$11.00
City of Charlotte	NC	\$5.15	\$5.90	\$6.63	\$7.48	\$8.13	\$9.95	\$8.62	\$8.62	\$9.25
City of Chattanooga	TN	\$2.50	\$2.50	\$9.60	\$9.60	\$9.60	\$9.60	\$10.54	\$12.69	\$15.30
City of Clarkston	GA							\$6.45	\$6.45	
City of Cleveland	TN						\$3.25	\$3.25	\$3.25	\$3.65
City of Concord	NC			\$4.30	\$4.30	\$4.30	\$4.30	\$5.16	\$5.16	\$5.16
City of Conway	SC	\$5.25	\$5.25		\$5.25	\$5.25		\$5.25	\$5.25	\$7.25
City of Covington	GA	\$3.23	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00
City of Decatur	GA			\$6.25		\$6.25	\$8.33	\$8.33		
City of Doraville	GA	\$4.00		\$4.00	\$4.00	\$4.00				
City of Douglasville/Douglas County	GA	\$4.00	\$4.00	\$4.00					\$4.00	
City of Duluth	GA								\$5.17	\$7.46
City of Dunwoody	GA				\$5.75	\$5.75	\$5.93	\$6.39	\$6.61	
City of Easley	SC	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00			
City of East Point	GA							\$9.50	\$9.50	\$9.50
City of Fairburn	GA	\$4.00	\$4.00	\$4.00	\$4.08	\$4.08	\$4.08	\$4.08	\$4.08	\$4.08
City of Fayetteville, GA	GA	\$2.95	\$2.95	\$2.95	\$2.95		\$4.37	\$4.37	\$4.37	\$4.37
City of Fayetteville, NC	NC			\$3.00	\$3.00	\$3.50	\$3.50			
City of Florence	KY	\$3.34	\$2.50	\$2.50		\$2.50	\$2.50			
City of Folly Beach	SC		\$3.00	\$3.00	\$3.00	\$3.00	\$6.00	\$6.00	\$6.00	\$6.00
City of Franklin	TN	\$3.65	\$3.65	\$3.65	\$3.65					
City of Garden City	GA			\$4.75	\$4.75	\$4.75	\$4.75	\$4.75	\$4.75	\$4.75
City of Gastonia	NC	\$2.75					\$3.25	\$3.25	\$3.75	\$5.00
City of Germantown	TN						\$3.25			
City of Georgetown	SC									\$8.19
City of Goodlettsville	TN				\$2.00	\$5.50	\$5.50	\$3.67	\$3.67	\$3.67

Utility Fees and Rates

Comparative Monthly Stormwater Rates (continued)

Jurisdiction	State	2007	2009	2011	2013	2015	2017	2019	2021	2023
City of Greensboro	NC	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70
City of Greenville	NC							\$5.35	\$5.35	\$7.35
City of Greenville	SC	\$2.85	\$2.85	\$2.85			\$5.99	\$6.26	\$6.35	\$6.61
City of Griffin	GA	\$3.50	\$4.39	\$4.33	\$4.65	\$4.79	\$4.79	\$5.17	\$5.36	\$6.11
City of Grovetown	GA							\$4.95	\$4.95	
City of Hendersonville	TN							\$6.00	\$6.00	\$6.00
City of HighPoint	NC				\$2.00	\$2.00	\$2.00	\$4.00	\$4.00	\$4.00
City of Holly Springs	GA				\$4.00	\$4.00	\$4.00	\$4.00	\$4.00	\$4.00
City of Hopkinsville	KY			\$3.00	\$3.00					
City of Isle of Palms	SC		\$3.00	\$3.00	\$3.00	\$3.00	\$4.00	\$4.00	\$6.00	\$6.00
City of La Vergne	TN							\$3.00	\$3.50	\$3.50
City of Lawrenceville	GA		\$4.20	\$4.20	\$4.20	\$4.20	\$4.20	\$5.00	\$5.00	
City of Loganville	GA		\$5.00	\$5.00				\$5.00	\$5.00	\$5.00
City of Maryville	TN			\$3.97	\$3.97	\$3.97	\$3.97	\$3.97	\$3.97	\$3.97
City of Millersville	TN							\$4.00		\$5.25
City of Monroe	NC		\$4.00	\$4.00	\$4.00	\$4.50	\$4.50	\$4.50	\$5.25	
City of Morristown	TN		\$1.00	\$1.00						
City of Murfreesboro	TN			\$3.25	\$3.25	\$3.25	\$3.25	\$3.25	\$3.25	\$3.25
City of Murray	KY						\$1.50	\$1.50	\$3.50	\$3.50
City of Myrtle Beach	SC			\$5.25	\$5.25			\$6.25	\$6.25	\$9.30
City of Norcross	GA		\$0.10			\$1.25	\$1.75	\$1.95	\$1.95	\$2.17
City of North Augusta	GA	\$4.00	\$4.00	\$4.00	\$4.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00
City of North Charleston	SC			\$3.00	\$3.00	\$3.36	\$3.36	\$6.00	\$6.00	\$6.00
City of North Myrtle Beach	SC	\$6.00	\$6.00	\$6.00	\$6.00	\$6.00	\$8.00	\$8.00	\$8.00	\$8.00
City of Oxford	NC	\$2.00	\$2.00	\$2.00						
City of Peachtree City	GA			\$3.95	\$3.95	\$6.89	\$6.89	\$6.89	\$6.89	\$6.89
City of Peachtree Corners	GA							\$2.46	\$2.46	\$2.46
City of Perry	GA							\$3.10	\$5.00	\$6.00
City of Powder Springs	GA				\$3.00	\$3.00	\$3.00	\$3.00	\$4.00	\$4.00
City of Radcliff	KY	\$4.00	\$4.50	\$4.62	\$4.62	\$4.62				
City of Raleigh	NC	\$4.00	\$4.00	\$4.00	\$4.00	\$4.00	\$5.00	\$5.00	\$5.50	\$7.18
City of Richland	MS									*Notes
City of Rocky Mount	NC		\$3.75	\$4.25	\$4.25		\$5.00	\$5.00	\$5.00	\$5.00
City of Roswell	GA							\$3.95	\$3.95	\$4.95
City of Salisbury	NC								\$4.08	\$4.41
City of Snellville	GA				\$2.33	\$2.33	\$0.40	\$0.40	\$0.40	\$0.40
City of Stuart	FL			\$3.76	\$3.89	\$4.01	\$4.07	\$4.78	\$7.00	\$7.00
City of Sugar Hill	GA									*Notes
City of Sumter	SC				\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50

Utility Fees and Rates

Comparative Monthly Stormwater Rates (continued)

Jurisdiction	State	2007	2009	2011	2013	2015	2017	2019	2021	2023
City of Thomasville	NC							\$1.00	\$1.00	\$1.00
City of Union City, TN	TN							\$2.50		
City of Valdosta	GA	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$3.50	\$3.50	\$3.50	\$3.50
City of Warner Robins	GA				\$4.25	\$4.25	\$4.25			\$9.68
City of Washington	NC						\$5.50	\$5.50	\$8.00	\$8.51
City of Wilmington	NC	\$5.00	\$5.00	\$5.30	\$6.09	\$6.83	\$7.66	\$8.19	\$8.35	
City of Wilson	NC						\$3.80			
City of Winston-Salem	NC		\$4.25	\$4.25	\$4.25	\$4.25	\$4.25			
City of Woodstock	GA			\$4.20	\$4.20		\$4.20	\$4.20	\$4.20	\$4.20
Clayton County Water Authority	GA		\$3.75	\$3.75		\$3.75	\$3.75	\$3.75	\$3.75	\$3.75
Columbia County	GA		\$0.09	\$0.09	\$0.09	\$0.12	\$0.18	\$0.18		*Notes
Cumberland County/Fayetteville	NC	\$1.00	\$3.00							
Davidson Count/City of Nashville	TN			\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$6.00
DeKalb County	GA	\$4.00		\$4.00	\$4.00	\$4.00	\$4.00	\$4.00		
Dorchester County	SC	\$2.43	\$2.43	\$3.73	\$3.73	\$2.16	\$1.87	\$3.87	\$3.73	\$5.00
Douglasville-Douglas County Water and Sewer Authority	GA									\$4.00
Durham County	NC								\$2.00	\$4.00
Georgetown County	SC		\$4.30	\$4.30		\$4.30	\$4.33	\$4.33	\$4.33	\$4.33
Greenville County	SC				\$2.25	\$2.25	\$2.25	\$2.25	\$2.25	\$2.25
Gwinnett County	GA	\$0.06	\$0.21	\$2.46	\$2.46	\$2.46	\$2.46	\$2.46	\$2.46	*Notes
Hamilton County	TN			\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75
Henry County	GA	\$2.83	\$2.83	\$3.32				\$3.32		*Notes
Horry County	SC		\$2.45	\$2.45		\$2.45	\$2.45	\$3.70	\$3.70	\$7.45
Jefferson County	AL				\$0.42	\$0.42	\$0.42	\$0.42	\$0.42	\$0.42
Jefferson County DOH - SWMA	AL									*Notes
Lancaster County	SC							\$5.00	\$5.00	\$5.00
Lexington-Fayette County	KY				\$4.49	\$4.63	\$4.68	\$4.90	\$5.02	\$5.37
Louisville/Jefferson County Metro	KY		\$5.35							
Mecklenburg County	NC	\$3.18	\$2.12	\$2.12	\$2.12	\$2.12	\$1.71	\$1.71	\$3.89	\$4.60
Rockdale County	GA	\$3.38			\$3.39	\$3.39	\$3.39	\$3.39	\$8.50	\$9.50
Sanitation District #1	KY	\$4.02	\$4.30	\$4.44	\$4.44	\$4.44	\$5.04	\$5.04	\$5.04	\$4.54
Spartanburg County	SC	\$4.00	\$4.00				\$4.00	\$4.00	\$4.00	*Notes
Town of Apex	NC									*Notes
Town of Bluffton	SC					\$8.60			\$9.58	\$9.58
Town of Carrboro	NC								\$7.50	\$7.50
Town of Chapel Hill	NC			\$3.25		\$2.06	\$2.18	\$2.68	\$2.91	
Town of Fort Mill	SC							\$6.00	\$6.00	\$6.00
Town of Haw River	NC						\$2.00			

Utility Fees and Rates

Comparative Monthly Stormwater Rates (continued)

Jurisdiction	State	2007	2009	2011	2013	2015	2017	2019	2021	2023
Town of Hilton Head Island	SC			\$9.06	\$9.06	\$9.06		\$12.50	\$12.50	\$12.50
Town of Hope Mills	NC		\$3.00	\$3.00	\$4.00		\$4.00			
Town of Indian Trail	NC		\$2.70	\$2.70	\$2.70	\$2.70				
Town of James Island	SC			\$3.00	\$3.00	\$3.00	\$4.00	\$4.00	\$4.00	\$4.00
Town of Kernersville / AP	NC			\$3.29			\$3.04	\$3.29	\$3.29	\$3.29
Town of Landis	NC		\$5.00	\$5.00						
Town of Lincolnton	SC		\$3.00	\$3.00	\$3.00	\$3.00	\$4.00	\$4.00	\$4.00	\$4.00
Town of Matthews	NC	\$1.42	\$1.42	\$1.42	\$1.42	\$1.42	\$2.07			*Notes
Town of Morrisville	NC				\$1.92	\$2.08	\$2.08	\$2.08	\$2.08	\$3.33
Town of Mount Pleasant	SC				\$2.50	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00
Town of Port Royal	SC					\$4.16				
Town of Signal Mountain	TN				\$0.01					
Town of Smyrna	GA		\$3.47	\$3.47			\$3.47			
Town of Sullivan's Island	SC		\$3.00	\$3.00	\$3.00	\$3.00	\$6.00	\$6.00	\$6.00	\$6.00
Town of Summerville	SC						\$4.00	\$4.00	\$4.00	\$8.00
Warren County	KY				\$4.00	\$4.00	\$4.00	\$4.00	\$4.00	\$4.00

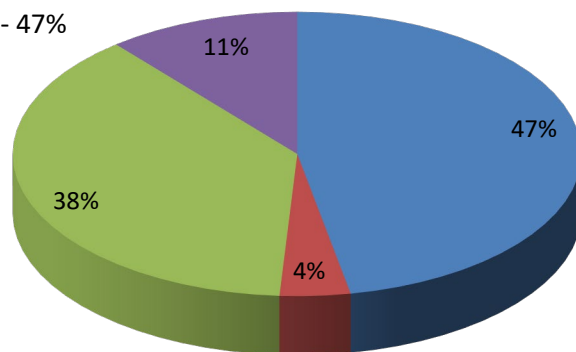
*Notes: Please see notes reflecting Respondents stormwater utility rates beneath the prior chart.

Average Monthly Utility Rate Comparison by State

	AL	FL	GA	KY	MS	NC	SC	TN
Rate	\$5.21	\$7.00	\$4.67	\$4.35	N/A	\$5.36	\$6.31	\$4.81
ERU	N/A	3,707	3,101	2,700	2,500	2,781	4,785	3,279

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

- Combined on Monthly Bill for Other Utility Services - 47%
- Separate Mailing - 4%
- Placed on Annual Property Tax Bill - 38%
- Other* - 11%



*Respondents provided the following comments to *Other*: 1) Per Project 2) Combined with sanitary if present, otherwise billed as stormwater only.

Utility Fees and Rates

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

	2023	2021
Average	\$4,906,651	\$3,533,655
High	\$82,000,000	\$35,400,000
Low	\$32,000	\$32,000

Total Annual Revenue generated by utility fee - Sorted by Jurisdiction

Jurisdiction	State	2023
Barrow County	GA	\$1,250,000
Beaufort County	SC	\$6,408,807
Berkeley County	SC	\$5,000,000
Charleston County	SC	\$2,884,000
City of Anderson	SC	\$1,154,200
City of Archdale	NC	\$480,000
City of Athens/Clarke County	GA	\$4,000,000
City of Belmont	NC	\$470,088
City of Birmingham	AL	\$1,538,833
City of Bristol	TN	\$610,250
City of Brunswick	GA	\$864,000
City of Charleston	SC	\$6,000,000
City of Charlotte	NC	\$82,000,000
City of Chattanooga	TN	\$30,002,985
City of Cleveland	TN	\$1,984,278
City of Concord	NC	\$5,440,458
City of Conway	SC	\$1,845,582
City of Covington	GA	\$850,000
City of Dunwoody	GA	\$2,650,305
City of East Point	GA	\$2,400,000
City of Fairburn	GA	\$723,592
City of Fayetteville	GA	\$790,000
City of Folly Beach	SC	\$184,000
City of Garden City	GA	\$990,000
City of Gastonia	NC	\$4,100,000
City of Georgetown	SC	\$1,326,864
City of Goodlettsville	TN	\$950,000
City of Greensboro	NC	\$11,450,000
City of Greenville	NC	\$8,500,000
City of Greenville	SC	\$6,327,603
City of Griffin	GA	\$2,928,520
City of Hendersonville	TN	\$2,200,000

Utility Fees and Rates

Total Annual Revenue generated by utility fee - Sorted by Jurisdiction (continued)

Jurisdiction	State	2023
City of High Point	NC	\$2,693,380
City of Holly Springs	GA	\$460,026
City of Isle of Palms	SC	\$383,000
City of La Vergne	TN	\$1,345,000
City of Loganville	GA	\$510,000
City of Maryville	TN	\$1,470,000
City of Monroe	NC	\$2,829,636
City of Murfreesboro	TN	\$3,464,628
City of Murray	KY	\$585,000
City of Myrtle Beach	SC	\$4,400,000
City of Norcross	GA	\$1,167,689
City of North Augusta	SC	\$770,000
City of North Charleston	SC	\$5,200,000
City of North Myrtle Beach	SC	\$3,028,587
City of Peachtree City	GA	\$2,500,000
City of Peachtree Corners	GA	\$2,800,000
City of Perry	GA	\$819,448
City of Powder Springs	GA	\$501,997
City of Raleigh	NC	\$34,000,000
City of Richland	MS	\$40,000
City of Rocky Mount	NC	\$4,186,674
City of Roswell	GA	\$3,977,616
City of Salisbury	NC	\$2,067,319
City of Snellville	GA	\$840,000
City of Stuart	FL	\$758,000
City of Sugar Hill	GA	\$712,195
City of Sumter	SC	\$805,000
City of Thomasville	NC	\$134,000
City of Valdosta	GA	\$1,760,000
City of Washington	NC	\$1,433,000
City of Wilmington	NC	\$12,943,988
City of Woodstock	GA	\$1,077,215
Clayton County Water Authority	GA	\$10,600,000
Columbia County	GA	\$5,238,008
Davidson County/City of Nashville	TN	\$36,385,000
Dorchester County	SC	\$3,900,000
Douglasville-Douglas County Water and Sewer Authority	GA	\$4,800,000
Durham County	NC	\$1,680,816
Georgetown County	SC	\$1,019,059

Utility Fees and Rates

Total Annual Revenue generated by utility fee - Sorted by Jurisdiction (continued)

Jurisdiction	State	2023
Greenville County	SC	\$9,808,000
Gwinnett County	GA	\$30,219,061
Hamilton County	TN	\$720,000
Henry County	GA	\$3,774,848
Horry County	SC	\$16,165,049
Jefferson County	AL	\$192,663
Jefferson County DOH - SWMA	AL	\$695,446
Lancaster County	SC	\$1,515,540
Lexington-Fayette Urban County Government	KY	\$16,150,000
Mecklenburg County	NC	\$1,100,000
Richland County	SC	\$3,300,000
Rockdale County	GA	\$5,445,545
Sanitation District #1	KY	\$11,750,000
Spartanburg County	SC	\$1,430,000
Town of Apex	NC	\$2,600,000
Town of Bluffton	SC	\$1,976,427
Town of Carrboro	NC	\$1,005,000
Town of Fort Mill	SC	\$996,265
Town of Hilton Head Island	SC	\$5,053,000
Town of James Island	SC	\$305,000
Town of Kernersville	NC	\$1,323,006
Town of Lincolnville	SC	\$32,000
Town of Matthews	NC	\$887,363
Town of Morrisville	NC	\$936,476
Town of Mount Pleasant	SC	\$2,900,000
Town of Sullivan's Island	SC	\$95,000
Town of Summerville	SC	\$2,667,149
Warren County	KY	\$1,125,000

Comparative Annual Revenues

Jurisdiction	State	2011	2013	2015	2017	2019	2021	2023
Barrow County	GA	\$480,000	\$350,000	\$425,000	\$425,000	\$570,000	\$830,000	\$1,250,000
Beaufort County	SC	\$7,058,116	\$8,145,808	\$3,131,107	\$5,094,057	\$5,213,270	\$6,157,545	\$6,408,807
Berkeley County	SC					\$4,400,000	\$4,714,311	\$5,000,000
Charleston County	SC	\$1,100,000	\$1,100,000		\$28,000,000	\$2,800,000	\$2,800,000	\$2,884,000
City of Aiken	SC			\$884,000	\$1,144,000			
City of Anderson	SC		\$920,000	\$1,170,000	\$1,170,000	\$1,170,000	\$1,170,000	\$1,154,200
City of Archdale	NC	\$480,000	\$480,000	\$480,000	\$480,000	\$480,000	\$480,000	\$480,000

Utility Fees and Rates

Comparative Annual Revenues (continued)

Jurisdiction	State	2011	2013	2015	2017	2019	2021	2023
City of Asheville	NC		\$3,107,993	\$4,782,372	\$5,044,769	\$6,276,113	\$6,200,000	
City of Athens/Clarke County	GA	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$4,000,000	\$4,000,000	\$4,000,000
City of Auburn	GA				\$103,000	\$103,000	\$123,246	
City of Austell	GA		\$370,141	\$444,348	\$339,172			
City of Belmont	NC			\$406,293	\$406,293	\$470,088	\$470,088	\$470,088
City of Bessemer City	NC	\$67,000		\$67,000				
City of Birmingham	AL			\$591,455	\$1,200,000	\$1,500,000	\$1,620,000	\$1,538,833
City of Bristol	TN			\$600,000	\$566,863	\$595,831	\$610,250	\$610,250
City of Brunswick	GA					\$821,461	\$821,461	\$864,000
City of Burlington	NC	\$420,000					\$6,000,000	
City of Charleston	SC	\$5,600,000	\$5,600,000	\$5,600,000	\$5,600,000	\$5,600,000	\$7,300,000	\$6,000,000
City of Charlotte	NC	\$46,800,000	\$51,000,000	\$59,000,000	\$62,700,000	\$71,100,000		\$82,000,000
City of Chattanooga	TN	\$16,335,278	\$16,858,235	\$16,858,235	\$17,766,273	\$18,990,070	\$22,861,185	\$30,002,985
City of Clarkston	GA					\$250,000	\$350,000	
City of Cleveland	TN				\$1,500,000	\$1,500,000	\$1,766,823	\$1,984,278
City of Concord	NC	\$3,500,000	\$3,600,000	\$3,600,000	\$3,900,000	\$4,969,860	\$4,850,375	\$5,440,458
City of Conway	SC		\$950,000	\$950,900		\$950,900	\$950,900	\$1,845,582
City of Conyers	GA							
City of Covington	GA	\$725,000	\$725,000	\$725,000	\$725,000	\$725,000	\$850,000	\$850,000
City of Decatur	GA	\$825,000		\$825,000	\$1,100,000	\$1,100,000		
City of Doraville	GA	\$485,000	\$485,000					
City of Duluth	GA						\$650,000	
City of Dunwoody	GA		\$1,800,000	\$1,800,000	\$1,920,000	\$2,131,151	\$2,303,224	\$2,650,305
City of Easley	SC	\$300,000	\$300,000		\$300,000			
City of East Point	GA					\$2,400,000	\$2,400,000	\$2,400,000
City of Fairburn	GA	\$450,000	\$450,000		\$450,000	\$450,000	\$837,628	\$723,592
City of Fayetteville	GA	\$500,000	\$500,000		\$766,000	\$780,000	\$780,000	\$790,000
City of Fayetteville	NC	\$5,100,000	\$5,100,000	\$6,204	\$6,204			
City of Florence	KY	\$621,852		\$621,852	\$621,852			
City of Folly Beach	SC		\$91,000		\$175,000	\$181,000	\$181,000	\$184,000
City of Franklin	TN	\$2,085,900	\$2,085,900					
City of Garden City	GA	\$940,000	\$940,000	\$880,000	\$880,000	\$930,000	\$990,000	\$990,000
City of Gastonia	NC				\$2,500,000	\$2,500,000	\$3,000,000	\$4,100,000
City of Georgetown	SC						\$861,695	\$1,326,864
City of Germantown	TN				\$1,000,000			
City of Goodlettsville	TN		\$300,000	\$300,000	\$600,000	\$1,200,000	\$1,200,000	\$950,000
City of Greensboro	NC	\$9,450,000	\$9,241,665	\$10,290,382	\$9,589,460	\$9,789,420	\$11,450,000	\$11,450,000
City of Greenville	NC					\$6,100,000	\$6,100,000	\$8,500,000

Utility Fees and Rates

Comparative Annual Revenues (continued)

Jurisdiction	State	2011	2013	2015	2017	2019	2021	2023
City of Greenville	SV	\$3,096,468	\$2,100,000		\$5,380,493	\$6,115,373	\$6,115,373	\$6,327,603
City of Griffin	GA	\$1,700,000		\$2,200,000	\$2,200,000	\$2,750,000	\$2,790,000	\$2,928,520
City of Grovetown	GA					\$240,000	\$240,000	
City of Hendersonville	TN					\$2,200,000	\$2,200,000	\$2,200,000
City of High Point	NC		\$2,400,000	\$2,693,380	\$2,693,380	\$2,693,380	\$2,693,380	\$2,693,380
City of Holly Springs	GA		\$319,000	\$327,000	\$342,909	\$342,909	\$409,026	\$460,026
City of Hopkinsville	KY	\$1,100,000	\$1,100,000					
City of Isle of Palms	SC		\$185,000		\$375,000	\$273,000	\$273,000	\$383,000
City of La Vergne	TN					\$1,041,000	\$1,041,000	\$1,345,000
City of Lawrenceville	GA	\$684,000	\$684,000	\$684,000	\$684,000	\$1,187,767	\$2,360,000	
City of Loganville	GA	\$400,000				\$510,000	\$510,000	\$510,000
City of Louisville/Jefferson Cnty Metro	KY					\$1,200,000		
City of Maryville	TN	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000		\$1,400,000	\$1,470,000
City of Millersville	TN				\$198,984	\$198,984		
City of Monroe	NC	\$1,700,000	\$1,820,000	\$2,080,000	\$2,064,300	\$2,064,300	\$2,448,590	\$2,829,636
City of Morristown	TN	\$590,000	\$2,500,000					
City of Murfreesboro	TN		\$1,500,000	\$2,750,000	\$2,850,000	\$2,950,000	\$3,230,000	\$3,464,628
City of Murray	KY				\$232,000	\$232,000	\$585,000	\$585,000
City of Myrtle Beach	SC	\$1,500,000				\$2,600,000	\$2,800,000	\$4,400,000
City of Norcross	GA			\$750,000	\$970,500	\$1,038,747	\$1,038,747	\$1,167,689
City of North Augusta	SC	\$562,021	\$577,236	\$738,045	\$758,715	\$770,000	\$770,000	\$770,000
City of North Charleston	SC	\$3,300,000	\$3,300,000	\$3,767,000	\$4,095,088	\$5,200,000	\$5,200,000	\$5,200,000
City of North Myrtle Beach	SC	\$1,975,000	\$2,009,474	\$2,072,371	\$2,834,000	\$2,920,000	\$2,961,000	\$3,028,587
City of Oxford	NC	\$135,000						
City of Peachtree City	GA	\$1,300,000	\$1,300,000	\$2,300,000	\$2,300,000	\$2,500,000	\$2,500,000	\$2,500,000
City of Peachtree Corners	GA					\$2,800,000	\$2,800,000	\$2,800,000
City of Perry	GA					\$417,300	\$748,200	\$819,448
City of Powder Springs	GA		\$324,123	\$352,579	\$454,054	\$364,146	\$500,640	\$501,997
City of Radcliff	KY	\$770,000	\$770,000					
City of Raleigh	NC	\$13,500,000	\$15,500,000	\$16,200,000	\$21,164,792	\$22,375,430	\$22,400,000	\$34,000,000
City of Richland	MS					\$40,000	\$40,000	\$40,000
City of Rocky Mount	NC	\$3,200,000	\$3,500,000		\$4,014,000	\$4,014,000	\$4,105,000	\$4,186,674
City of Roswell	GA					\$3,100,000	\$3,100,000	\$3,977,616
City of Salisbury	NC				\$115,000		\$1,345,985	\$2,067,319
City of Snellville	GA		\$541,088	\$535,775	\$820,068	\$811,502	\$840,000	\$840,000
City of Stuart	FL	\$540,000	\$540,000	\$680,473	\$758,000	\$758,000	\$758,000	\$758,000
City of Sugar Hill	GA					\$660,000	\$690,000	\$712,195
City of Sumter	SC		\$505,000	\$505,000	\$505,000	\$798,000	\$805,000	\$805,000

Utility Fees and Rates

Comparative Annual Revenues (continued)

Jurisdiction	State	2011	2013	2015	2017	2019	2021	2023
City of Thomasville	NC				\$134,000	\$134,000	\$134,000	\$134,000
City of Valdosta	GA	\$1,200,000	\$1,200,000	\$1,200,000	\$1,700,000	\$1,740,000	\$1,740,000	\$1,760,000
City of Warner Robbins	GA		\$2,500,000	\$2,457,149	\$2,457,149			
City of Washington	NC				\$589,084	\$845,000	\$1,191,770	\$1,433,000
City of Wilmington	NC	\$7,020,000	\$8,441,379	\$6,982,279	\$7,379,168	\$7,379,168	\$12,811,151	\$12,943,988
City of Wilson	NC				\$3,085,010			
City of Winston-Salem	NC	\$8,601,060	\$10,400,000	\$10,400,000	\$10,400,000			
City of Woodstock	GA	\$1,077,215	\$1,077,215		\$1,077,215	\$1,077,215	\$1,077,215	\$1,077,215
Clayton County Water Authority	GA	\$8,700,000		\$9,200,000	\$9,200,000	\$9,800,000	\$9,800,000	\$10,600,000
Columbia County	GA	\$1,300,000	\$1,715,649	\$2,500,000	\$3,900,000	\$4,724,885	\$5,032,800	\$5,238,008
Davidson County/City of Nashville	TN	\$14,000,000	\$14,000,000	\$14,000,000	\$14,443,200	\$35,400,000	\$35,400,000	\$36,385,000
DeKalb County	GA	\$16,900,000	\$16,900,000	\$15,000,000	\$14,600,000	\$14,600,000		
Dorchester County	SC	\$1,437,078	\$1,437,078	\$1,468,045	\$1,468,949	\$2,330,422	\$2,612,203	\$3,900,000
Douglasville/Douglas County	GA	\$4,500,000				\$4,800,000	\$4,800,000	\$4,800,000
Durham County	NC						\$843,000	\$1,680,816
Georgetown County	SC	\$1,672,736		\$1,672,736	\$1,672,736	\$1,019,059	\$1,019,059	\$1,019,059
Greenville County	SC	\$7,000,000	\$8,200,000	\$8,000,000	\$8,000,000	\$8,000,000	\$9,500,000	\$9,808,000
Gwinnett County	GA	\$31,373,817	\$31,420,057	\$30,862,028	\$31,278,994	\$29,777,568	\$29,220,088	\$30,219,061
Hamilton County	TN	\$588,881	\$626,937	\$655,266	\$774,900	\$774,900	\$774,900	\$720,000
Henry County	GA	\$2,600,000				\$7,281,416	\$3,207,130	\$3,774,848
Horry County	SC	\$4,750,000		\$4,800,000	\$4,900,000	\$7,590,000	\$8,200,000	\$16,165,049
Jefferson County	AL		\$5,000,000	\$420,000	\$180,000	\$192,663	\$192,663	\$192,663
Jefferson County DOH - SWMA	AL						\$683,515	\$695,446
Lancaster County	SC					\$1,200,000	\$1,312,620	\$1,515,540
Lexington-Fayette County	KY		\$11,500,000	\$13,500,000	\$13,500,000	\$14,000,000	\$15,165,000	\$16,150,000
Mecklenburg County	NC	\$800,000	\$800,000	\$850,000	\$850,000	\$850,000	\$850,000	\$1,100,000
Richland County	SC					\$3,300,000	\$3,300,000	\$3,300,000
Rockdale County	GA		\$1,700,000	\$1,800,000	\$1,800,000	\$1,900,000	\$1,900,000	\$5,445,545
Sanitation District #1	KY	\$10,800,000	\$10,800,000	\$12,740,000	\$12,740,000	\$13,000,000	\$13,700,000	\$11,750,000
Spartanburg County	SC				\$900,000	\$900,000	\$1,250,000	\$1,430,000
Town of Apex	NC							\$2,600,000
Town of Bluffton	SC			\$115,000			\$1,536,725	\$1,976,427
Town of Carrboro	NC						\$1,005,000	\$1,005,000
Town of Chapel Hill	NC	\$1,770,000		\$2,190,778	\$2,187,870	\$2,700,000	\$3,000,000	
Town of Fort Mill	SC					\$660,000	\$905,000	\$996,265
Town of Haw River	NC				\$2,300,000			
Town of Hilton Head Island	SC	\$3,500,000	\$3,500,000	\$3,500,000		\$4,775,000	\$4,775,000	\$5,053,000
Town of Hope Mills	NC	\$422,000	\$634,000		\$678,912	\$678,912		

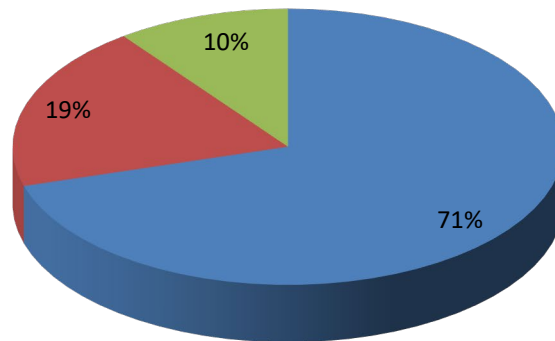
Utility Fees and Rates

Comparative Annual Revenues (continued)

Jurisdiction	State	2011	2013	2015	2017	2019	2021	2023
Town of Indian Trail	NC	\$1,000,000	\$1,000,000	\$1,200,000				
Town of James Island	SC		\$320,000		\$430,000	\$305,000	\$305,000	\$305,000
Town of Kernersville	NC	\$752,743			\$1,284,579	\$1,367,983	\$1,367,983	\$1,323,006
Town of Landis	NC	\$94,000						
Town of Lincolnville	SC		\$14,750		\$34,000	\$32,000	\$32,000	\$32,000
Town of Matthews	NC	\$562,000	\$590,000	\$590,000	\$824,000	\$850,000	\$887,363	\$887,363
Town of Morrisville	NC		\$440,000	\$501,000	\$555,000	\$555,000	\$561,846	\$936,476
Town of Mount Pleasant	SC		\$1,100,000	\$2,100,000	\$2,650,000	\$2,700,000	\$2,800,000	\$2,900,000
Town of Port Royal	SC			\$164,837				
Town of Signal Mountain	TN		\$260,000					
Town of Smyrna	GA	\$1,200,000			\$1,200,000			
Town of Sullivan's Island	SC		\$41,000		\$88,000	\$95,000	\$95,000	\$95,000
Town of Summerville	SC				\$1,104,993	\$1,421,267	\$1,543,035	\$2,667,149
Town of Wrightsville Beach	NC	\$137,000	\$137,000	\$137,000				
Warren County	KY		\$900,000	\$900,000	\$900,000	\$1,125,000	\$1,125,000	\$1,125,000
Year		2011	2013	2015	2017	2019	2021	2023
Total		\$277,834,165	\$297,330,728	\$307,680,889	\$377,850,985	\$425,094,460	\$371,033,738	\$485,758,484
Average		\$3,805,947	\$3,964,410	\$4,333,534	\$4,107,076	\$4,167,593	\$3,533,655	\$4,906,651

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

- Property Owner - 71%
- Occupant - 19%
- Other* - 10%

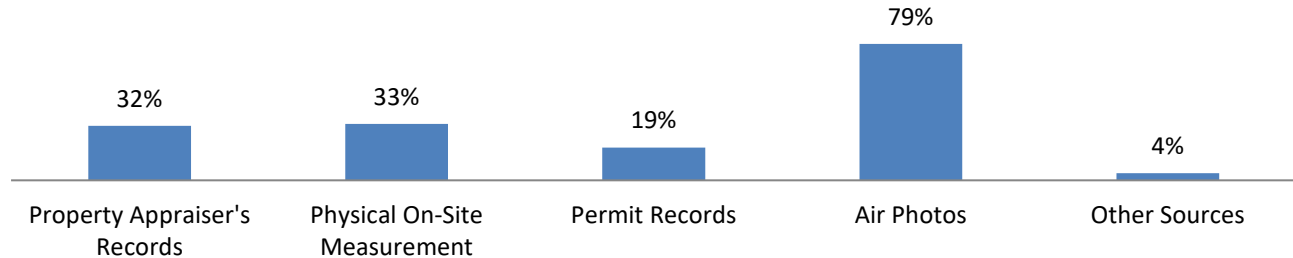


*Respondents provided the following comments to *Other*: 1) Occupant and then property owner if not paid
2) Property owner could assign ERUs to occupants if they chose and 3) Utility account holder.

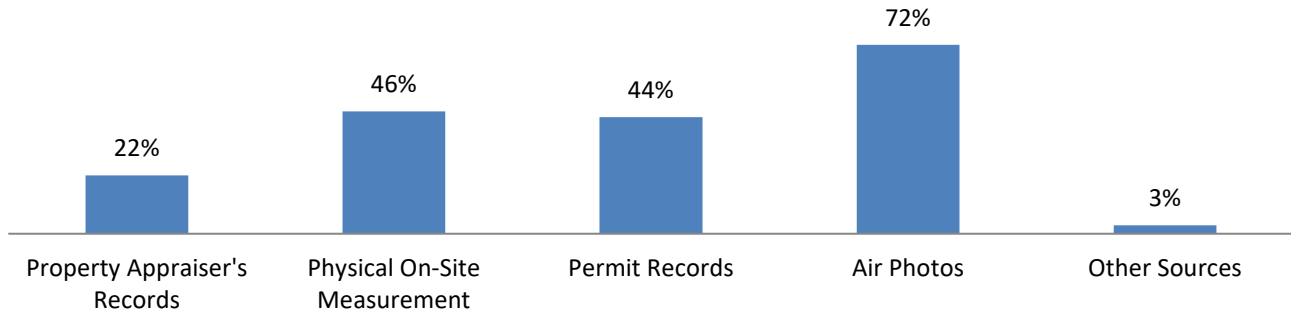
Utility Fees and Rates

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?

Initial



Maintenance



2-10. What properties are exempt from your user fees (sorted highest to lowest)?

Streets/Highways	84%
Railroad Rights-of-Way	73%
Undeveloped Land (non-agricultural)	65%
Undeveloped Land (agricultural)	64%
Other*	26%
Public Parks	22%
Airport Runways and Taxiways	17%
Government	15%
Properties that do not Discharge Runoff to Central Drainage System	13%
Waterfront	4%
None	4%

*Respondents provided the following comments to *Other*: 1) Inundated (under water) properties 2) Class 3 (residential) any except from property taxes, agricultural, forest and silviculture. Class 2 (commercial) greenfields, schools, churches, cemeteries, state owned properties and public service commission regulated no utility 3) NC DOT (state owned roads) 4) Churches 5) Churches, Disabled Veterans, Homestead Exemption, County and State Roads are not assessed a SW Fee 6) Disabled Veterans Primary Residence 7) Utilities 8) Zoned as agricultural or unimproved property (no impervious surface) and 9) Properties under 400 square feet.

Utility Fees and Rates

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

Properties	Exempt	Bill and Collect	Bill But Don't Collect	Not Billed
Federal	9	63	3	3
State	8	67	1	5
County	8	70	1	3
City	12	61	3	8
School District	8	73	2	1
Special District	4	47	1	2

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

Average reduction = 21.89%

2-13. Of the total number of stormwater utility accounts, what percentage receive credits?

Average percentage of accounts that receive credits = 2%

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 24%

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

Yes – 63%

No – 37%

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

Yes – 37%

No – 63%

Respondents provided the following comments: 1) If condo/apartment is occupant owned yes, if renter occupied via commercial entity no.

2-17. Do user fees vary by watershed?

Yes – 1%

No – 99%

Utility Fees and Rates

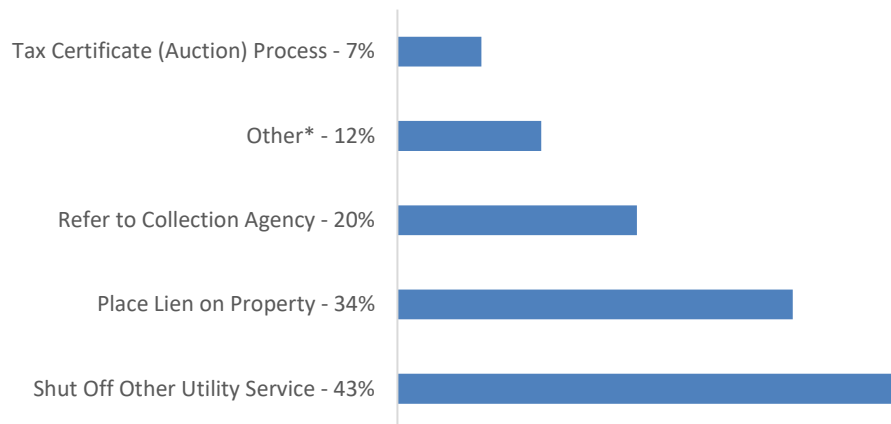
2-18. Are different fees charged within the “zone-of-benefit” of specific capital projects to account for differences in capital costs?

Yes – 0%
No – 100%

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

Yes – 88%
No – 12%

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



*Respondents provided the following comments to *Other*: 1) Fair debt collection practices (Court Process) 2) Combination of Shut off other utility service and Place Lien on Property 3) Considered a portion of tax bill, tax commissioner enforces non-payment 4) Small claims court 5) Revoke permits and implement fines 6) By ordinance partial payments go first to stormwater. Have not dealt with this yet.

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

Yes – 23%
No – 77%

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

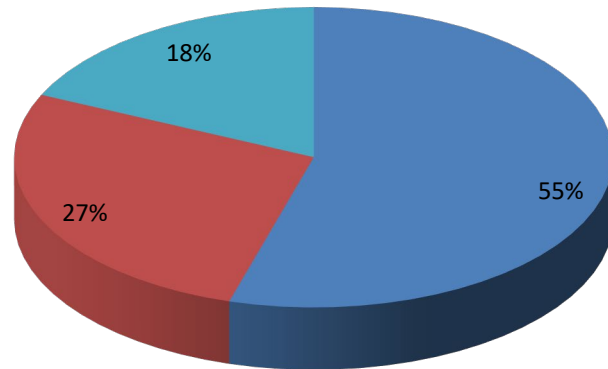
Yes – 9%
No – 91%

*Respondents provided the following comments to Yes: 1) A group of 4 citizens, McLeod vs. Columbia County 2) Local property management and development company, private citizen suits.

Utility Fees and Rates

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

- Fee Sustained - 55%
- Settlement Reached - 27%
- Pending - 0%
- Fees Not Sustained - 0%
- Other - 18%



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?

- Yes – 17%
- No – 83%

If not, are you actively considering such modifications?

- Yes – 17%
- No – 83%

Respondents provided the following comments: 1) Concerned EPA 2) A review of the stormwater utility has been considered but no such review has been completed.

Stormwater Program



2023 Southeast Stormwater Utility Report



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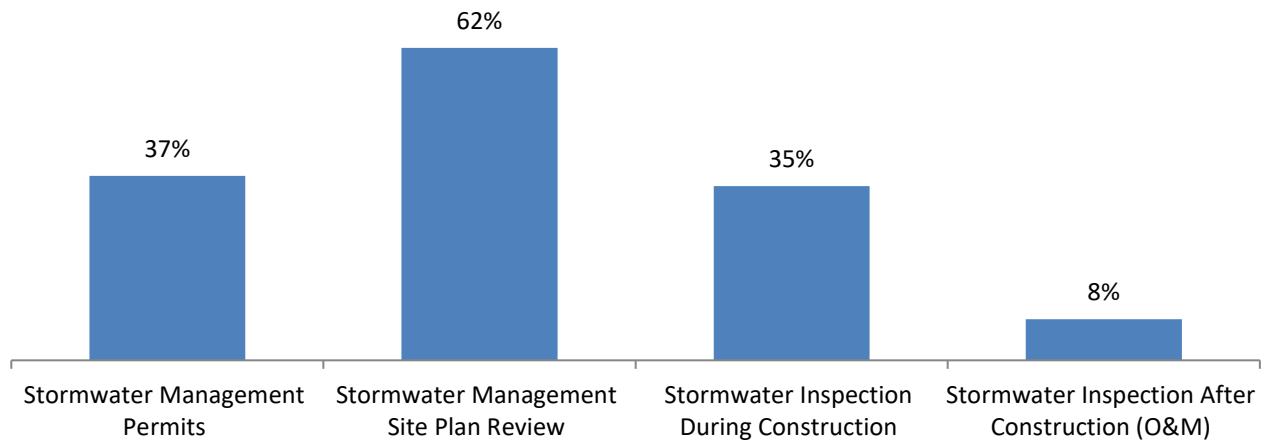
Stormwater Program

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?

Yes – 93%

No – 7%

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 stormwater utility receive some (or all) of these revenues?

Yes – 59%

No – 41%

*Respondents included the following comments: 1) In limbo. Permit fees were going to the general fund but this is under review as staff are paid out of the stormwater enterprise fund.

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

Stormwater Fees Only – 52%

Stormwater Fee and Non-Fee Funds – 48%

Stormwater Program

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

■ Ad Valorem - 12%

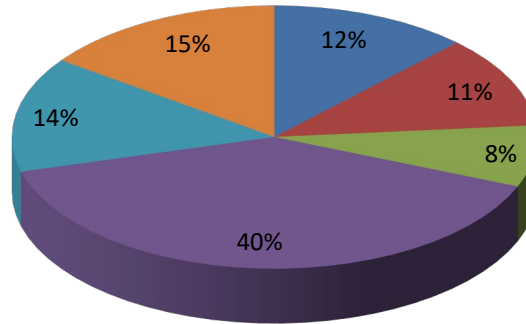
■ Sales Tax -11%

■ Gas Tax - 8%

■ Grants - 40%

■ Loans - 14%

■ Other* - 15%



*Respondents included the following comments for *Other*: 1) General Tax Fund 2) Bonds 3) Stormwater Revenue Fees 4) Loans 5) Watershed Improvement and Water Quality projects funded through water and sewer utility 6) Stormwater Fee and 7) Grants for construction

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

	Estimated Need (Total)	Average Need
Next 5 Years	\$1,965,115,885.00	\$19,265,842.01
Next 10 Years	\$3,387,226,681.00	\$36,817,681.32
Next 20 Years	\$5,367,267,863.00	\$65,454,486.13

Of the jurisdictions that reported capital improvement needs by categories of Water Quality and Flood Control, the following data was provided:

Next 5 Years		Next 10 Years		Next 20 Years	
Water Quality	Flood Control	Water Quality	Flood Control	Water Quality	Flood Control
\$5,000,000.00	\$5,000,000.00	\$15,000,000.00	\$15,000,000.00	\$25,000,000.00	\$25,000,000.00
\$1,000,000.00	\$10,000,000.00	\$2,500,000.00	\$25,000,000.00	\$25,000,000.00	\$25,000,000.00
\$23,000,000.00	\$25,500,000.00	\$35,000,000.00	\$43,000,000.00	\$56,000,000.00	\$64,000,000.00
\$500,000.00	\$10,000,000.00	\$1,500,000.00	\$20,000,000.00	\$10,000,000.00	\$40,000,000.00
\$250,000.00	\$250,000.00	\$500,000.00	\$500,000.00	\$2,500,000.00	\$2,500,000.00
\$15,000,000.00	\$5,500,000.00	\$30,000,000.00	\$10,000,000.00	\$60,000,000.00	\$20,000,000.00
\$250,000.00	\$250,000.00	\$500,000.00	\$500,000.00	\$2,500,000.00	\$2,500,000.00
\$500,000.00	\$1,500,000.00	\$1,500,000.00	\$3,500,000.00	\$3,500,000.00	\$7,500,000.00
\$2,020,000.00	\$2,700,000.00	\$6,414,000.00	\$4,000,000.00	\$8,940,000.00	\$8,000,000.00
\$31,000,000.00	\$21,000,000.00	\$60,000,000.00	\$5,500,000.00	\$92,000,000.00	\$76,000,000.00
\$34,818,497.00	\$116,659,561.00	\$46,532,498.00	\$268,096,580.00	\$74,207,498.00	\$414,524,922.00
\$300,000.00	\$1,800,000.00	\$400,000.00	\$2,500,000.00	\$400,000.00	\$2,500,000.00
\$5,000,000.00	\$20,000,000.00	\$10,000,000.00	\$50,000,000.00	\$20,000,000.00	\$80,000,000.00
\$600,000.00	\$9,400,000.00	\$1,200,000.00	\$18,800,000.00	\$2,400,000.00	\$37,600,000.00
\$10,500,000.00	\$1,000,000.00	\$15,500,000.00	\$2,000,000.00	\$30,500,000.00	\$4,000,000.00

Stormwater Program

(continued) Of the jurisdictions that reported capital improvement needs by categories of Water Quality and Flood Control, the following data was provided:

Next 5 Years		Next 10 Years		Next 20 Years	
Water Quality	Flood Control	Water Quality	Flood Control	Water Quality	Flood Control
\$250,000.00	\$250,000.00	\$500,000.00	\$500,000.00	\$2,500,000.00	\$2,500,000.00
\$100,000.00	\$100,000.00	\$250,000.00	\$250,000.00	\$1,000,000.00	\$1,000,000.00
\$1,000,000.00	\$20,000,000.00	\$1,500,000.00	\$8,000,000.00	\$500,000.00	\$8,000,000.00
\$250,000.00	\$250,000.00	\$500,000.00	\$500,000.00	\$2,500,000.00	\$2,500,000.00

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

Yes – 58%

No – 42%

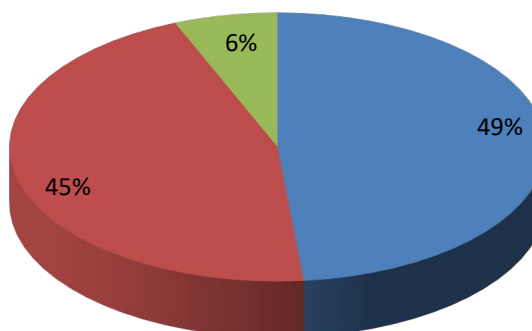
3-8. If your jurisdiction does not have an adopted stormwater master plan (i.e. you answered “No” to question 3-7) is the establishment of such a plan under active consideration?

Yes – 64%

No – 36%

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 land use plans with your stormwater Master Plan and NPDES Program concepts?

- Strong Effort - 49%
- Moderate Effort - 45%
- No Effort - 6%



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

Stormwater Fees Only – 81 %

Stormwater Fees and Other Non-Fee Funds – 19%

Stormwater Program

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

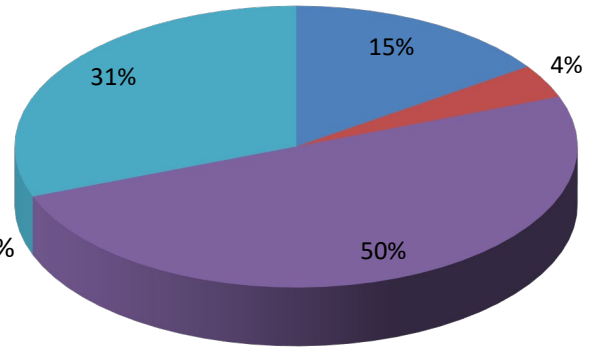
■ Ad Valorem - 15%

■ Sales Tax - 4%

■ Gas Tax - 0%

■ General Fund (i.e. mixture of funding sources) - 50%

■ Other* - 31%



*Respondents provided the following comments to *Other*: 1) Grants and 2) Permit Fees

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

	2023	2021
Average:	21	19
High:	220	195
Low:	0	0

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

Yes – 81%

No – 19%

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

Yes – 76%

No – 24%

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

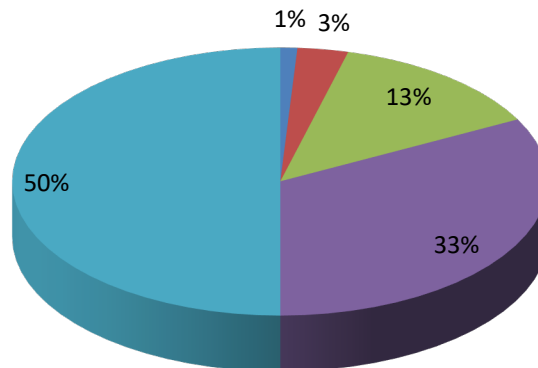
■ 0 Percent - 1%

■ 25 Percent - 3%

■ 50 Percent - 13%

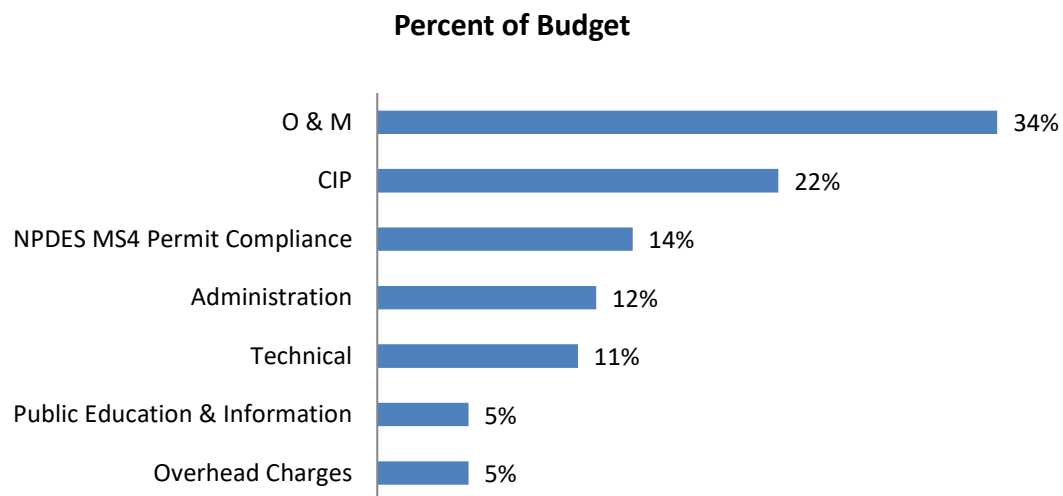
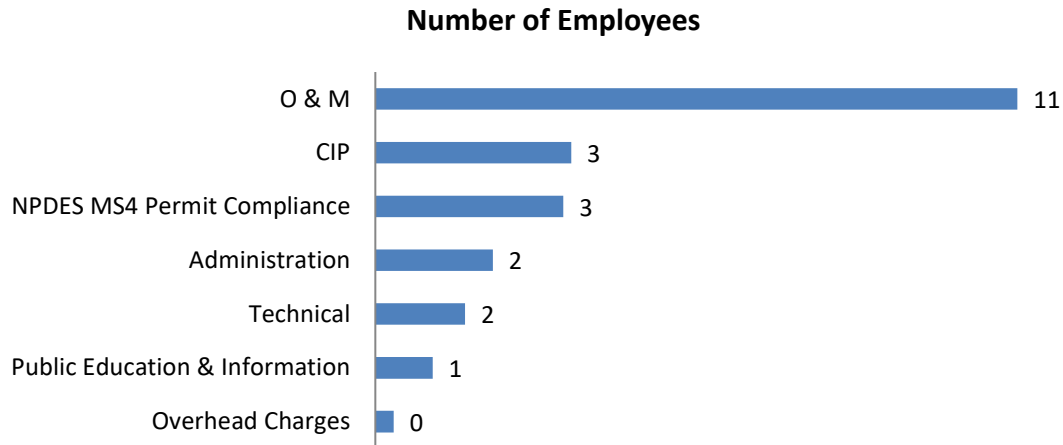
■ 75 Percent - 33%

■ 100 Percent - 50%



Stormwater Program

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



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

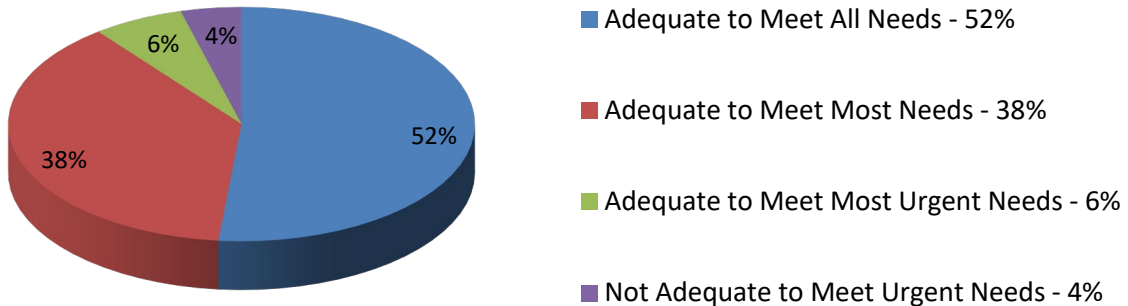
Have Received Formal Training - 73%

Have Not Received Formal Training - 27 %

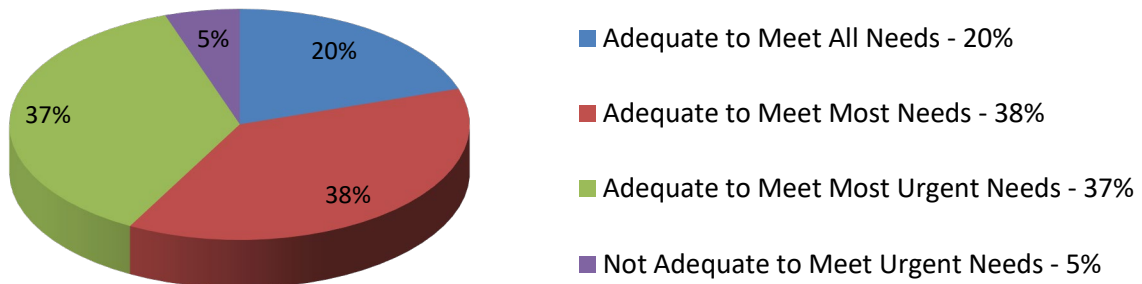
Stormwater Program

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

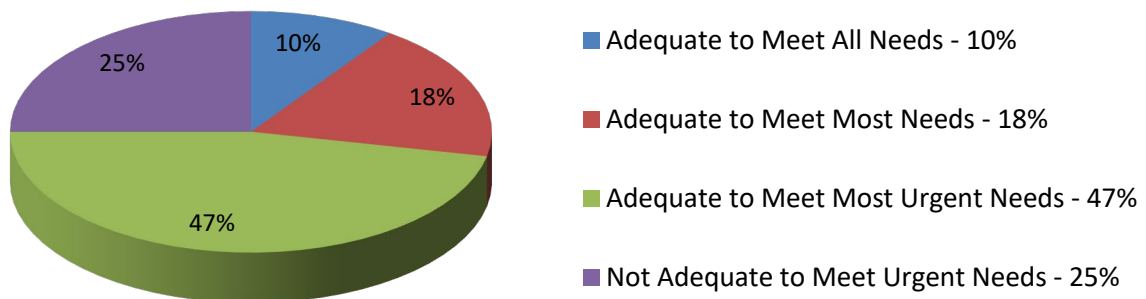
Administration



O & M



C.I.P.



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

Yes – 42%

No – 58%

Public Information Effort



2023 Southeast Stormwater Utility Report

WK Dickson

[dəb(ə)l, yoō / kā / dik-sən]

noun

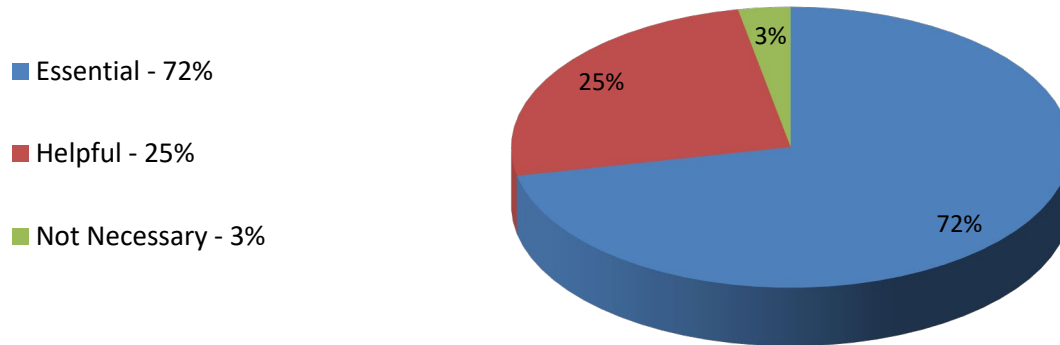
1. Super cool engineers and scientists who go with the *flow* and are dedicated to helping guide communities in stormwater utility development and management across the Southeast.

2. See www.wkdickson.com.

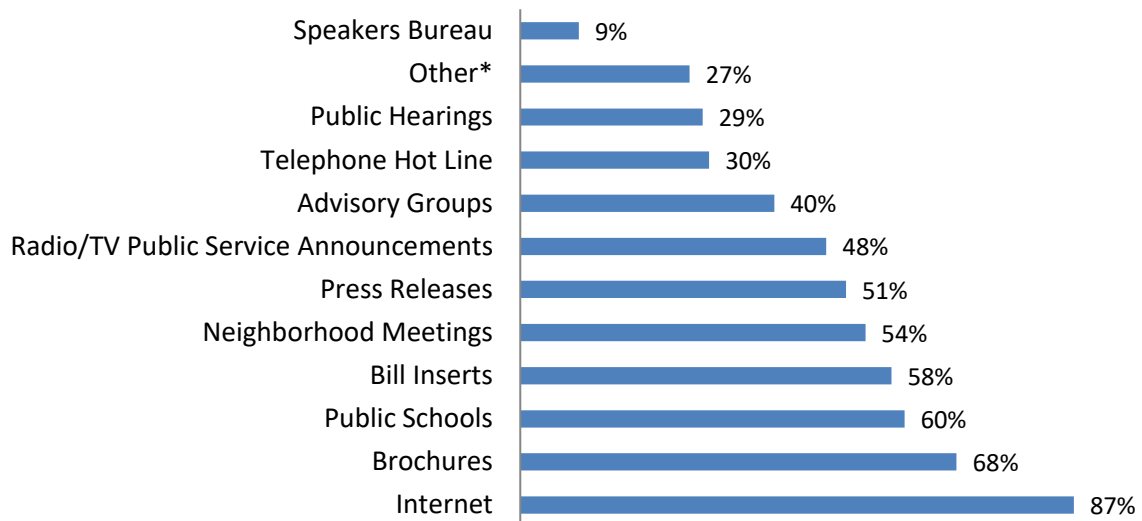


Public Information Effort

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



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?



*Respondents provided the following comments to *Other*: 1) Social Media 2) Public Schools 3) Festivals 4) In House Training

Respondent List



Respondent List

ALABAMA

City of Birmingham

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Stormwater Specialist
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205-297-8301

Jefferson County

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Jefferson County DOH – SWMA

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FLORIDA

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GEORGIA

Barrow County

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Henry County

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City of Roswell

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City of Sugar Hill

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Respondent List

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MISSISSIPPI

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NORTH CAROLINA

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SOUTH CAROLINA

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Autumn Friday
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*Thank you for your participation in the
2023 Southeast Stormwater Utility Report!*

