

**Louisville and Jefferson County Metropolitan Sewer District, KY**

- 1 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Subordinated Bond Anticipation Notes, Series 2019, \$226,340,000, Dated: September 26, 2019 **SUMMARY LANGUAGE USED**
- 2 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Revenue Refunding Bonds, Series 2019, \$30,910,000, Dated: August 19, 2019
- 3 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Subordinated Bond Anticipation Notes, Series 2018, \$226,340,000, Dated: November 9, 2018 **SUMMARY LANGUAGE USED**
- 4 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Subordinated Program Notes, Series 2018, Commercial Paper Subseries 2018A-1, \$250,000,000, Dated: July 11, 2018
- 5 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Subordinated Program Notes, Series 2018, Commercial Paper Subseries 2018A-2, \$250,000,000, Dated: July 11, 2018
- 6 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Revenue Refunding Bonds, Series 2018A, \$60,380,000, Dated: May 31, 2018 **SUMMARY LANGUAGE USED**
- 7 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Revenue Bonds, Series 2017A, \$175,000,000, Dated: August 29, 2017
- 8 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Revenue Refunding Bonds, Series 2017B, \$35,725,000, Dated: August 29, 2017
- 9 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Revenue Bonds, Series 2016A, \$150,000,000, Dated: August 30, 2016
- 10 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Revenue Refunding Bonds, Series 2016B, \$28,315,000, Dated: August 30, 2016
- 11 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Revenue Refunding Bonds, Series 2016C, \$67,685,000, Dated: August 30, 2016
- 12 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Revenue Bonds, Series 2015A, \$175,000,000, AND Sewer and Drainage System Revenue Refunding Bonds, \$81,750,000, Series 2015B, Dated: October 21, 2015
- 13 Louisville and Jefferson County Metropolitan Sewer District, Sewer and Drainage System Revenue Bonds, Series 2014A, \$80,000,000, Dated: November 25, 2014
- 14 Louisville And Jefferson County Metropolitan Sewer District Sewer And Drainage System Revenue Bonds, Series 2013C, \$100,000,000 Dated: November 27, 2013
- 15 Louisville and Jefferson County Metropolitan Sewer District Sewer and Drainage System Revenue Bonds, Series 2013A, \$115,790,000 and Sewer and Drainage System Revenue Bonds, Series 2013B, \$119,515,000 Dated: May 23, 2013
- 16 Louisville and Jefferson County Metropolitan Sewer District (Commonwealth of Kentucky) Sewer and Drainage System Revenue Bonds, Series 2011A, \$263,360,000 Dated: August 24, 2011
- 17 Louisville and Jefferson County Metropolitan Sewer District (Commonwealth of Kentucky) Sewer and Drainage System Revenue Bonds, Series 2010A (Federally Taxable - Build America Bonds - Direct Payment), \$330,000,000 Dated: November 30, 2010
- 18 Louisville and Jefferson County Metropolitan Sewer District (Commonwealth of Kentucky) Sewer and Drainage System Revenue Bonds, Series 2009C (Federally Taxable - Build America Bonds - Direct Payment), \$180,000,000 Dated: November 24, 2009
- 19 Louisville and Jefferson County Metropolitan Sewer District (Commonwealth of Kentucky) Sewer and Drainage System Revenue Bonds, Series 2009B, \$225,770,000 Dated: August 15, 2009
- 20 Louisville and Jefferson County Metropolitan Sewer District (Commonwealth of Kentucky) Sewer and Drainage System Revenue Bonds, Series 2009A, \$76,275,000 Dated: May 15, 2009

**THE DISTRICT**

Series 2013A,B, 2011A, 2010A, 2009C, 2009B, 2009A

**Members of the Board**

Fiscal Year Ended June 30, 2019

<u>Board Members</u>	<u>Term Expires</u>
Marita Willis - Chair	6/30/2022
Daniel Arbough - Vice Chair	6/30/2021
Andrew Bailey	7/31/2021
Keith Jackson	8/31/2020
Ricky Mason	7/31/2022
JT Sims	8/31/2020
Jason Williams	2/28/2021
Cyndi Caudill	6/30/2022

Series 2019 Rev, 2018, 2018A-1,A-2, 2018A, 2017A, 2016A,B,C, 2015A,B, 2014A, 2013C, 2013A,B, 2011A, 2010A, 2009C, 2009B, 2009A

**Customer History**

Wastewater Customer

	<u>Number of Customers</u>	<u>Volume (million gallons)</u>	<u>Revenue (in thousands)</u>
<b>Residential</b>			
FY 2016	232,534	11,299	101,405
FY 2017	234,361	11,029	108,809
FY 2018	235,324	10,611	116,458
FY 2019	236,462	10,823	122,830
<b>Commercial</b>			
FY 2016	21,613	9,340	58,343
FY 2017	21,971	9,675	61,860
FY 2018	22,483	9,331	66,651
FY 2019	22,220	9,294	71,054
<b>Industrial</b>			
FY 2016	407	3,311	19,878
FY 2017	423	3,019	21,218
FY 2018	430	3,533	24,439
FY 2019	443	3,716	23,171

Series 2013AB, 2011A, 2010A, 2009C, 2009B, 2009A

**The Drainage System**

Fiscal Year 2019

Under interlocal government agreement effective January 1, 1987, the District became the sole local authority for providing flood control and storm water drainage services in the Drainage Service Area. The District is responsible for the operation, maintenance, replacement, improvements and additions to existing flood control facilities and public stormwater drainage facilities within the Drainage Service Area. The stormwater drainage system is comprised of various types of facilities to collect, convey, retain, and discharge stormwater runoff into sewers, rivers, streams, and creeks, which eventually drain into the Ohio River. These facilities include open channels, ditches, streams, ponds, pipes, culverts, conduits, bridge structures, detention basins, retention basins, pump stations, and other facilities. In fiscal year 2019, the District had approximately 230,000 drainage service accounts which provided total annual drainage charge revenues of \$69.7 million.

**RATES AND CHARGES**

Series 2013AB, 2011A, 2010A, 2009C, 2009B, 2009A

**Wastewater Service and Drainage Service Charges**

Fiscal Year 2019

The District derives its revenue for wastewater service and drainage service from the collection of rates, rentals and charges established in accordance with the provisions of the Act, for services rendered within the Service Area to customers served by the District's facilities. The District has no power to levy ad valorem taxes upon any property for any purpose whatsoever. Wastewater Service Rates, based on water consumed, are billed and collected by Louisville Water Company ("Louisville Water Company"), (a Kentucky corporation wholly owned as a public enterprise by the Louisville/Jefferson County Metro Government) for the District under terms of an agreement executed in January, 2013. These rates are billed simultaneously with the water bill on a single statement payable in total for both wastewater and water service rendered, and are subject to a late penalty of 5%. In the event of nonpayment of any such wastewater rates, rentals, or charges for a period of more than 30 days after they become due and payable, Louisville Water Company is required by law to discontinue water service. Louisville Water Company bills and collects the District's wastewater service charges. The bills are rendered bimonthly except for larger industrial/commercial accounts which are billed monthly. Louisville Water Company also bills and collects all of the District's drainage charges as additions to the water/sewer billings. The District wastewater service rates include a fixed service charge based on the size of the public water meter serving the property plus a charge for each 1,000 gallons of water consumed on the premises. Each customer has the option of installing private meters to record water usage which does not enter the sewers. Industrial and commercial customers may use this option to obtain credit for water which does not enter the sewers. Drainage service rates are charged based on measured impervious areas with one equivalent service unit assigned for each 2,500 square feet of impervious area (residential unit).

Series 2019 Sub

**Wastewater and Drainage Service Revenues**

Fiscal Year	Wastewater Revenue (dollars in thousands)					Total
	Residential	Commercial	Industrial	Other		
2015	96,563	62,257	17,605	(2,530)		173,895
2016	101,405	58,343	19,878	3,966		183,592
2017	108,809	61,860	21,218	3,078		194,965
2018	116,458	66,651	24,439	3,088		210,636
2019	122,830	71,054	23,171	2,412		219,467

  

Fiscal Year	Drainage Revenue (dollars in thousands)					Total
	Residential	Commercial	Industrial	Other		
2015	20,090	28,936	3,030	(489)		51,567
2016	20,439	32,971	3,219	(1,741)		54,888
2017	22,111	35,372	3,445	(1,950)		58,978
2018	23,811	35,778	3,864	415		63,868
2019	25,716	38,775	4,373	842		69,706

Series 2019 Rev, 2018, 2018A-1,A-2, 2018A, 2017A, 2016A,B,C, 2015A,B, 2014A, 2013C, 2013AB, 2011A, 2010A, 2009C, 2009B, 2009A, 2008A, 2007A, 2006A, 2005A,, 2004A

**Rate History**

Fiscal Year 2019

Date of Rate Increase	Wastewater		Stormwater		Estimated Revenue EPA Consent Decree Surcharge
	% Rate Increase	Annual Additional Revenue from Rate Increase	% Rate Increase	Annual Additional Revenue from Rate Increase	
8/1/2018	6.9%	\$8,831,610	6.9%	\$5,837,617	\$53,594,214
8/1/2017	6.9%	\$15,670,755	6.9%	\$4,890,014	\$50,428,868
8/1/2016	6.9%	\$11,372,934	6.9%	\$4,089,777	\$46,820,874
8/1/2015	5.5%	\$9,696,633	5.5%	\$3,321,536	\$43,615,098
8/1/2014	5.5%	\$9,833,128	5.5%	\$2,859,578	\$42,537,541
8/1/2013	5.8%	\$9,320,500	5.8%	\$2,710,500	\$39,786,081
8/1/2012	6.5%	\$9,705,399	6.5%	\$2,417,697	\$37,443,729
8/1/2011	6.5%	\$9,395,795	6.5%	\$2,417,718	\$35,131,054
8/1/2010	6.5%	\$8,683,175	6.5%	\$2,246,123	\$32,466,988
8/1/2009	6.5%	\$8,466,545	6.5%	\$2,095,583	\$30,118,121
8/1/2008	6.5%	\$8,017,688	6.5%	\$2,015,401	\$28,938,332
8/15/2007	0.0%	-	0.0%	-	\$22,774,998
8/1/2006	6.9%	\$6,414,405	6.9%	\$1,957,887	-
8/1/2005	6.5%	\$5,655,634	6.5%	\$1,671,724	-
8/1/2004	6.5%	\$5,184,032	6.5%	\$1,526,281	-
8/1/2003	6.5%	\$5,012,659	6.5%	\$1,407,505	-



**THE SERVICE AREA:**

Series 2013AB, 2011A, 2010A, 2009C, 2009B, 2009A

**Annual Population Estimates**

Fiscal Year 2019

Year	Louisville Metro	Louisville MSA
2018	770,517	1,297,310
2017	767,335	1,293,953
2016	765,352	1,283,430
2015	763,626	1,278,413
2014	760,026	1,269,702

Series 2013AB, 2011A, 2010A, 2009C, 2009B, 2009A

**Louisville Metro, Kentucky - Largest Private Employers**

Fiscal year ending June 30, 2019

Employer	Product	Approximate Number of Employees
UNITED PARCEL SERVICE, INC	AIR CARGO TRANSPORT/DIST.	23,533
JEFFERSON COUNTY, KY PUBLIC SCHOOLS	PRIMARY/SECONDARY EDUCATION	14,250
FORD MOTOR COMPANY	VEHICLE MANUFACTURING	13,042
NORTON HEALTHCARE	HOSPITAL/HEALTH CARE FACILITIES	12,579
HUMANA, INC	GROUP HEALTH INSURANCE	12,000
THE KROGER COMPANY	GROCERY RETAILER	9,235
BAPTIST HEALTHCARE SYSTEM	HOSPITAL/HEALTH CARE FACILITIES	8,143
WALMART INC	GROCERY RETAILER	6,650
UNIVERSITY OF LOUISVILLE	HIGHER EDUCATION	6,394
KENTUCKY ONE HEALTH INC	HOSPITAL/HEALTH CARE FACILITIES	6,000

Series 2019 Rev, 2013AB, 2011A, 2010A, 2009C, 2009B, 2009A

**The Issuer may change the accounting principles used for preparation of such financial information so long as the Issuer includes as information provided to the public, a statement to the effect that different accounting principles are being used, stating the reason for such change and how to compare the financial information provided by the differing financial accounting principles.**

Fiscal Year 2019

No changes in accounting principles in FY19.