



700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.540.6000 | LouisvilleMSD.org

November 15, 2023

Crystal Dennis
300 Sower Blvd., 3rd Floor
Frankfort, Kentucky 40601

**RE: Willabrook STP, KPDES No: KY0094307
Discharge Monitoring Report for October 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Willabrook STP, for the month October 2023.

There were no overflows, Discharges to report.

MSD had no exceedance for the month of October.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

Jon Baldrige
Process Supervisor

JSS/ Willabrook 10/23.

Cc: V. Teague/B. Tinnell

DMR Copy of Record

Permit			
Permit #:	KY0094307	Permittee:	Louisville and Jefferson County MSD
Major:	No	Permittee Address:	700 W Liberty St Louisville, KY 40203
Permitted Feature:	001 External Outfall	Discharge:	001-1 Domestic Wastewater
Facility:		Facility Location:	BCSD WILLABROOK SANITATION I 65 & BROOKS RD SHEPHERDSVILLE, KY 40109

Report Dates & Status			
Monitoring Period:	From 10/01/23 to 10/31/23	DMR Due Date:	11/28/23
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	James A.	Title:	Executive Director
Last Name:	Parrott	Telephone:	502-540-6000

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.4					19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.					>=	7.0 INST MIN					19 - mg/L	01/07 - Weekly		GR - GRAB		
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.7			=	6.9	12 - SU	0	01/07 - Weekly	GR - GRAB	
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/07 - Weekly		GR - GRAB		
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	14.0			=	23.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	30.0 MO AVG			<=	45.0 MX WK AV	19 - mg/L	01/07 - Weekly		CP - COMPOS		
					Value NODI																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample						=	34.8			=	36.5	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.												19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample						=	0.85			=	1.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	2.0 MO AVG			<=	3.0 DAILY MX	19 - mg/L	01/07 - Weekly		CP - COMPOS		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	4.52			=	5.62	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.												19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.096	=	0.323	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)	
					Permit Req.															99/99 - Continuous	RC - Recorder (auto)
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01			<	0.01	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.					<=	0.011 MO AVG			<=	0.019 DAILY MX	19 - mg/L	01/07 - Weekly		GR - GRAB		
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample						<	1.0			<	1.0	13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
					Permit Req.					<=	130.0 30DA GEO			<=	240.0 7 DA GEO	13 - #/100mL	01/07 - Weekly		GR - GRAB		
					Value NODI																
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample						<	6.0			=	10.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	10.0 MO AVG			<=	15.0 MX WK AV	19 - mg/L	01/07 - Weekly		CP - COMPOS		
					Value NODI																

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments

Attachments

Name	Type	Size
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Report Last Saved By
Louisville and Jefferson County MSD

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
Name: Jonathan Baldrige
E-Mail: jon.baldrige@louisvillemmsd.org
Date/Time: 2023-11-16 09:15 (Time Zone: -05:00)

Report Last Signed By

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
Name: Jonathan Baldrige
E-Mail: jon.baldrige@louisvillemmsd.org
Date/Time: 2023-11-16 09:17 (Time Zone: -05:00)