



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

March 18th, 2022

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

**RE: Willabrook STP, KPDES No: KY0094307
Discharge Monitoring Report for February 2022.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Willabrook STP, for the month February 2022.

There were no overflows or Bypasses

There was one exceedance on BOD Maximum Daily Average with a result of 19.0 mg/l exceeding the permit limit of 15.0 mg/l. This exceedance was caused due to high flow during rain event.

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

Sincerely,

Joseph Shaun Smith
Process Supervisor

JSS/ Willabrook 02/22.

Cc: V. Teague
R. Shaw

DMR Copy of Record

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

Report Dates & Status			
Monitoring Period: From 02/01/22 to 02/28/22	DMR Due Date: 03/28/22	Status:	NetDMR Validated

Considerations for Form Completion

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

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					=	8.1					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					=	6.53			=	7.22	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					=	18.0			=	32.0	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					=	15.0			=	19.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Permit Req.											Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	CP - COMPOS
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample					=	0.3			=	0.5	19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Permit Req.					<=	5.0 MO AVG			<=	7.5 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample					=	2.2			=	2.5	19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Permit Req.											Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	CP - COMPOS
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.118	=	0.118								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			=	5.0	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																
X 80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample					=	9.0			=	19.0	19 - mg/L	1	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						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Attachments

Name	Type	Size
WillabrookCoverletter0222.pdf	pdf	35877.0

Report Last Saved By

Louisville and Jefferson County MSD

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
Name: Joseph Smith
E-Mail: joseph.smith@louisvillemmsd.org
Date/Time: 2022-03-20 10:05 (Time Zone: -04:00)

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