

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

January 12, 2022

Crystal Dennis
Permit Support Section
Surface Water Permits Branch
Division of Water
200 Fair Oaks Lane, 4th floor
Frankfort, KY 40601

Subject: Bullitt Co Sewer District, November DMR's

Dear Ms. Dennis:

On behalf of the Bullitt County Sewer District (BCSD), which dissolved on December 1, 2021, when Louisville MSD took ownership. I will be submitting the following plants Discharge Monitoring Reports for the reporting period of November 1 through November 30, 2021. The submittal of the DMR's is being completed in good faith effort to keep the regulatory reports current and up to date with the Division of water.

Please understand that during this monitoring period no one at Louisville MSD had any control over these plants, performed any operational activities or performed any of the regulated discharge sampling. BCSD employees were primarily responsible for operational control during this reporting period. In addition Beckmar Environmental Laboratory completed the regulatory field sampling and entered the data into Net DMR.

KY0103900 Hillview WWTP (Prologis) KY0034185 Pioneer Village KY0034169 Hillview #2 KY0034151 Hillview #1 KY0034801 Bullitt Hills KY0034177 Hillview #3 KY0094307 Willabrook

KY0072168 Big Valley

Should you have any additional questions, please contact me at (502) 540-6222 or john.kessel@louisvillemsd.org.

Sincerely.

John Kessel

Assistant Director of Treatment Facilities

JMK / BCSD / 012022

cc: B. Tinnell

RecordsRequest@louisvillemsd.org

DMR Copy of Record

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	е			

Major:

Permit #: KY0103900

No

Louisville and Jefferson County MSD Permittee:

Permittee Address:

700 W Liberty St Louisville, KY 40203

Facility Location:

BCSD HILLVIEW STP 285 BROOKS WAY

BROOKS, KY 40109

Permitted Feature:

001 External Outfall Discharge:

Title:

001-1 MUNICIPAL DISCHARGE

BCSD

Report Dates & Status

From 11/01/21 to 11/30/21 **Monitoring Period:**

DMR Due Date: 12/28/21 Status:

Telephone:

Facility:

NetDMR Validated

502-957-6140

Considerations for Form Completion

Total Nitrogen is the summation of the analytical results for Total Nitrates, Total Nitrites, and Total Kjeldahl Nitrogen

Principal Executive Officer

First Name: Jerry

Kennedy Last Name:

	Parameter	Monitoring Location	Season t	Param. NOD		O.	uantity or Loadin	na				Quality or Conce	ntration			# of Ev E	requency of Analysis	Sample Type
Code	Name	monitoring Education	Ocason 7	ri aram. NOD	Qualifier		Qualifier 2	Value 2	Units	Qualifier 1 Value 1	Qualifier		Qualifier 3	3 Value 3	Units	# OI EX. II	requeriey of Analysis	o Campic Type
					Sample					= 7.7					19 - mg/L	01	1/07 - Weekly	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.					>= 7.0 INST MIN					19 - mg/L	0 01	1/07 - Weekly	GR - GRAB
00000	exygen, alcoerted [20]	1 Emdoni Grood			Value NODI													
					Sample					= 7.25			=	7.97	12 - SU	01	1/07 - Weekly	GR - GRAB
					Permit Req.					>= 6.0 MINIMUM			<=		12 - SU		•	GR - GRAB
00400	0400 pH	1 - Effluent Gross	0		Value NODI											0	,	
						0.070	7.7/	00	00 11-7-1			10.0		00.0	40	0.4	1/07 \\\ - - - - - - - -	04 00MP04
					Sample = Permit Reg. <=	3.978 37.55 MO AVG	= 7.70 <= 56.3		26 - lb/d 26 - lb/d		=	10.0 30.0 MO AVG	= <=	22.0 45.0 MX WK AV	19 - mg/L 19 - mg/L			24 - COMP24 24 - COMP24
00530	Solids, total suspended	1 - Effluent Gross	0			37.33 WO AVG	ζ= 50.0	56.33 MX WK AV	20 - ID/U		<=	30.0 WO AVG	-	45.0 WX WK AV	19 - Hig/L	0	1/07 - Weekly	24 - COIVIF 24
					Value NODI													
00530 Solids, total suspended					Sample						=	136.0	=		19 - mg/L			24 - COMP24
	Solids, total suspended	G - Raw Sewage Influent	t 0		Permit Req.							Req Mon MO AV	/G Req Mon MX WK A	√ 19 - mg/L	0 01	01/07 - Weekly	24 - COMP24	
					Value NODI													
					Sample						=	25.0	=	33.0	19 - mg/L	01	1/07 - Weekly	24 - COMP24
00600	Nitrogen, total [as N]	1 - Effluent Gross	0		Permit Req.							Req Mon MO AV	G	Req Mon DAILY MX	19 - mg/L	0 01	1/07 - Weekly	24 - COMP24
	1				Value NODI													
					Sample =	0.334	= 0.80	06	26 - lb/d		=	1.0	=	2.3	19 - mg/L	01	1/07 - Weekly	24 - COMP24
00610 Nitroge	Nitrogen emmenie total (se NI	1 - Effluent Gross	2		Permit Req. <=	10.01 MO AVG			26 - lb/d		<=	8.0 MO AVG	<=		19 - mg/L		•	24 - COMP24
	Nitrogen, ammonia total [as N]				Value NODI											U	,	
														0.4	10 //	0.4	1/07 14/ 11	04 0014004
		1 - Effluent Gross			Sample Permit Reg.						= <=	0.2 1.0 MO AVG	=	0.4 Req Mon DAILY MX	19 - mg/L		· · · · · · · · · · · · · · · · · · ·	24 - COMP24 24 - COMP24
00665	Phosphorus, total [as P]		2								<=	1.0 WO AVG		Red Mou Dail I MX	19 - IIIg/L	0	01/07 - Weekly	LT COIVII 24
					Value NODI													
		1 - Effluent Gross			Sample =	0.049	= 0.06		03 - MGD									RE - Record (ma
50050	Flow, in conduit or thru treatment plant		0		Permit Req.	Req Mon MO AV	AVG Req Mon MX	Mon MX WK A	/ 03 - MGD							0 99	9/99 - Continuous	RE - Record (ma
					Value NODI													
					Sample =	0.049	= 0.06	64	03 - MGD							99	9/99 - Continuous	RE - Record (ma
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0		Permit Req.	Req Mon MO AV	G Rec	d Wou WX MK V	/ 03 - MGD							0 99	9/99 - Continuous	RE - Record (ma
					Value NODI													
					Sample						=	3.0	=	12.0	13 - #/100mL	01	1/07 - Weekly	GR - GRAB
51040	E. coli	1 - Effluent Gross	0		Permit Req.						<=	130.0 30DA GEO			13 - #/100mL			GR - GRAB
51040 E. co			U		Value NODI											0		
					Sample =	1.718	= 2.23	25	26 - lb/d		_	4.0	_	4.0	19 - mg/L	01	1/07 - Weekly	24 - COMP24
		1 - Effluent Gross			Permit Req. <=	12.52 MO AVG			26 - lb/d 26 - lb/d		<=	10.0 MO AVG	<=	15.0 MX WK AV			•	24 - COMP24 24 - COMP24
80082 BOD, carbon	BOD, carbonaceous [5 day, 20 C]		0			12.02 11.0 71.1 0	1 10		20 .0, 0			10.0 0 7.1 0		TOTO IIII TOTO TOTO		0	.,	
					Value NODI													
					Sample						=	256.0			19 - mg/L	0.4	•	24 - COMP24
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0		Permit Req.							Req Mon MO AV	٥	Req Mon MX WK AV	19 - mg/L	0 01	1/07 - Weekly	24 - COMP24
					Value NODI													
					Sample					= 98.0					23 - %	01	1/30 - Monthly	CA - CALCTD
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0		Permit Req.					>= 85.0 MO AV MN	I				23 - %	0 01	1/30 - Monthly	CA - CALCTD
	, , , , , , , , , , , , , , , , , , ,				Value NODI													

	Solids, suspended percent removal				Sample				=	93.0			23 - %		01/30 - Monthly	CA - CALCTD
81011		K - Percent Removal	0		Permit Req.				>=	85.0 MO	AV MN		23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI											
Submi	ssion Note															
If a par	ameter row does not contain any values for th	ne Sample nor Effluent Tra	ading, the	en none of	the following fields wi	II be submitted	for that row	: Units, Number of	Excursions,	, Frequency of	Analysis, and Sample	туре.				
Edit C	heck Errors															
No erro	ors.															
Comm	ents															
Attach	ments															
				Name								Туре			Size	
BCSD_	Cover_112021.pdf									р	odf		45846.0			
Report	t Last Saved By															
Louisv	rille and Jefferson County MSD															
User:		kessel@lo	ouisvillem	nsd.org												
Name:		John Ke	essel													
E-Mail:		kessel@lo	ouisvillem	nsd.org												
Date/Ti	ime:	2022-01-1	12 13:13	(Time Zor	ne: -05:00)											
Report	t Last Signed By															
User:		kessel@lo	ouisvillem	nsd.org												
		John Ke	essel													
Name:																
Name: E-Mail:		kessel@lo		sd.org												