



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

November 23, 2022

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for October 2022.**

Dear Mrs. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Cedar Creek Water Quality Treatment Center for the month of October 2022.

There were no exceedances, bypasses, or discharges to report.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6952.

Sincerely,

William Ford
Process Supervisor-Operations

WEF/ Cedar Creek. 10/22.

Enclosures

Cc: V. Graves
R. Shaw

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	98.0							23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.	>=	85.0 MO AV MN						23 - %	0	01/30 - Monthly	CA - CALCTD
					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
CedarCreekCoverletter102022.pdf	pdf	33959.0
CedarCreekMOR102022.pdf	pdf	187400.0

Report Last Saved By

Cedar Creek WQTC MSD

User: kevin.thompson@louisvillemmsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemmsd.org
 Date/Time: 2022-11-24 08:55 (Time Zone: -05:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2022-11-28 07:26 (Time Zone: -05:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP

COUNTY JEFFERSON

MONTH OF: October 2022

KPDES PERMIT NUMBER KY0098540

PLANT CAPACITY 7.5 MGD

RECEIVING STREAM CEDAR CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE			SETTLABLE SOLIDS (mg/L)			DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING						FINAL				
		GRIT REMOVED (CUBIC FEET)	SCREENINGS (CUBIC FEET)	pH	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RETURN		WAST ID	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW			HAULED			NH3-N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (MILLION GALLONS)	
																	GAL/DAY X 1000	MLSS X 1000					GAL/DAY X 1000	30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS						WITHDRAWN GALLONS X 1000
1	3.30	2.48	2.48													2		80000	2			430														8.27
2	3.39	2.48	2.48									77		3	142	5	2		80000	2			500						0	0.20		0.3	12		8.264	
3	3.31	2.48	2.48		8.8											2.1	5890	80000	2.1	2860	2360	450			5890						151.2	223			4.146	
4	3.20	2.48	2.48													3.7	5470	80000	3.7	2940	2480	490			5470						214.2				3.691	
5	3.18	2.48	2.48													2.3	6020	80000	2.3	3210	2800	420			6020						75.6				7.158	
6	3.21	2.48	2.48													2.1	6570	80000	2.1	3070	2630	550			6570						75.6				7.978	
7	3.20	2.48	2.48													1.8	6850	80000	1.8	3080	2660	560			6850						75.6				7.848	
8	3.25	2.48	2.48													2		80000	2												0				6.92	
9	3.41	2.48	2.48									251		3	177	5	2.8		80000	2.8			600						0	9.90		0.3	17		8.657	
10	3.32	2.48	2.48		8.6											1.7	6410	80000	1.7	3470	2990	600			6410						75.6		1			7.223
11	3.24	2.48	2.48													2.2	6350	80000	2.2	3490	3040	550			6350						113.4					2.384
12	3.20	2.48	2.48													2.3	6460	80000	2.3	3300	2890	560			6460						113.4	0.20				1.71
13	3.20	2.48	2.48													2.1	5310	80000	2.1	3080	2700	570			5310						151.2					1.747
14	3.22	2.48	2.48													2.3	5010	80000	2.3	2840	2500	650			5010						151.2					1.701
15	3.25	2.48	2.48													2.8		80000	2.8												0					1.781
16	3.66	2.48	2.48									214		4	267	7	3.4		80000	3.4			580							0	0.50		0.3	16		3.925
17	3.92	2.48	2.48		8.8											3	10480	80000	3	3070	2690	520			10480						151.2		1			6.724
18	3.27	2.48	2.48													3.9	6940	100000	3.9	3000	2730	650			6940						94.5					6.771
19	3.24	2.48	2.48													3.6	6760	80000	3.6	3100	2700	500			6760						63					6.497
20	3.19	2.48	2.48													3.8	7000	100000	3.8	3090	2800	650			7000						119.7					6.395
21	3.18	2.48	2.48													3	6980	100000	3	3010	2700	550			6980						201.6					2.63
22	3.31	2.48	2.48													2.8		80000	2.8												100.8					4.402
23	3.47	2.48	2.48									119		5	109	6	3		80000	3			550							0			0.3	12.9		5.556
24	3.24	2.48	2.48		8.5											2.7	5340	80000	2.7	2750	2500	620			5340						144.9	0.20	5			6.752
25	3.44	2.48	2.48													2.9	6440	100000	2.9	3170	2710	560			6440						113.4					5.719
26	4.23	2.48	2.48													3.3	12160	80000	3.3	2750	2410	500			12160						113.4					4.942
27	3.62	2.48	2.48													3.5	8130	100000	3.5	3230	2850	550			8130						113.4					6.892
28	3.47	2.48	2.48													3.8	7290	80000	3.8	3060	2740	500			7290						113.4					6.435
29	3.48	2.48	2.48													3.9		80000	3.9												94.5					6.784
30	4.36	2.48	2.48													3.1		80000	3.1												0					4.839
31	5.17	2.48	2.48													3.6	6810	80000	3.6	3180	2750	500			6810						75.6					5.557
Tot.	107.12	76.88	76.88													87.5															2790.9					170.298
Avg.	3.46	2.48	2.48		8.7							165		4	174	6	2.823		3083	83225.8	2.823	#REF!	2697	542.9		1E+05				90.029032	2.20	6	0.3	14.48		5.493483871

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

32910 FLOW 29455 CBOD 22678 TSS

Howard.J

OPERATOR

26667

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-540-6000

PLANT TELEPHONE

NAME OF TREATMENT PLANT Cedar Creek

COUNTY Jefferson

Month of: October 2022

Avg. Flow: 3.46

Date	Rainfall	Sludge Disposal in Gallons	Remarks
1		94500	
2		0	
3		151200	
4		214200	
5		75600	
6		75600	
7		75600	
8		0	
9		0	
10		75600	
11		113400	
12		113400	
13		151200	
14		151200	
15		0	
16		0	
17		151200	
18		94500	
19		63000	
20		119700	
21		201600	
22		100800	
23		0	
24		144900	
25		113400	
26		113400	
27		113400	
28		113400	
29		94500	
30		0	
31		75600	