



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

December 19, 2022

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for November 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 November 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. 11/22.

Enclosures

Cc: V. Graves
B. Tinnel

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
CCCoverletter112022.pdf	pdf	33872.0
CCMOR112022.pdf	pdf	188261.0

Report Last Saved By

Cedar Creek WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2022-12-19 10:46 (Time Zone: -05:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2022-12-19 13:46 (Time Zone: -05:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: November 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)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		NH ₃ -N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (MILLION GALLONS)				
																									30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS						% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000		
																																						RAW	
1	5.19	2.48	2.48	7.4						176		4	130		4	2	10900	80000	3.5	3020	2670	450							75.6	0.40			0.3	7.9	7.415				
2	4.28	2.48	2.48	7.3	8.2			7.4								2	9780	80000	3.8	3000	2600	400							1.08		69.3	1			0.3		6.345		
3	4.06	2.48	2.48	7.2												2	6910	80000	3.5	2690	2380	400								38						6.412			
4	3.89	2.48	2.48	7.3												2	6050	80000	3.8	2680	2400	410									195.3						7.366		
5	3.80	2.48	2.48													2		80000	3.9				470								69.3						5.923		
6	3.81	2.48	2.48													2		80000	3.4				500								0						5.757		
7	3.75	2.48	2.48	7.2												2	7040	80000	2.6	3030	2680	500									113.4						4.702		
8	3.48	2.48	2.48	7.1						162		3	122		6	2	7070	80000	3.8	2800	2450	500									113.4	0.20			0.3	9.61	5.7		
9	3.39	2.48	2.48	7.2	7.7			7.8								2	7130	80000	3.9	3070	2770	500							0.902			113.8		1				6.389	
10	3.41	2.48	2.48	7.1												2	8120	80000	3.6	2770	2450	400									113.4						3.599		
11	5.67	2.48	2.48	7.2												2	9170	80000	3.0	2890	2510	450									75.6						8.298		
12	5.78	2.48	2.48													2		70000	3.5				450								50.4						7.914		
13	5.43	2.48	2.48													2		70000	4.0				450								0						3.813		
14	4.45	2.48	2.48	7.1												2	7660	80000	4.1	3040	2690	400									75.6						7.683		
15	4.31	2.48	2.48	7.2						148		3	135		3	2	7450	70000	4.4	2860	2570	410									75.6	0.41			0.2	7.77	5.783		
16	4.10	2.48	2.48	7.3	7.7			7.5								2	7930	70000	4.5	2810	2470	420							0.852			75.6		1				6.262	
17	3.95	2.48	2.48	7.6												2	7530	60000	5.1	2360	2150	450									75.6						3.854		
18	3.72	2.48	2.48	7.6												2	6530	80000	4.0	2690	2470	450									75.6						5.263		
19	3.83	2.48	2.48													2		80000	5.3				450								25.2						3.873		
20	3.95	2.48	2.48													2		80000	5.0				500								0						4.647		
21	3.67	2.48	2.48	7.6												2	6070	80000	4.1	2750	2470	420									113.4						5.829		
22	3.63	2.48	2.48	7.5						212		3	125		3	2	7250	70000	4.4	2800	2520	450									113.4	0.20			0.3	8.19	3.713		
23	3.90	2.48	2.48	7.4	7.6			7.6								2	7600	80000	4.0	2740	2350	450						0.776			75.6		5				5.468		
24	3.84	2.48	2.48													2		80000	4.2				450								0						6.712		
25	3.53	2.48	2.48													2		80000	3.4				450								0						5.916		
26	3.65	2.48	2.48													2		80000	3.8				450								0						6.765		
27	5.32	2.48	2.48													2		80000	3.6				450								0						4.66		
28	5.27	2.48	2.48	7.2												2	8000	80000	3.3	2700	2330	400									37.8						5.992		
29	3.51	2.48	2.48	7.1												3	9530	80000	3.6	3260	2940	410									75.6						3.525		
30	7.75	2.48	2.48	7.1												4	9060	80000	3.8	3000	2710	450									75.6						4.177		
31																																							
Tot.	128.31	74.4	74.4													63.11															1921.9							169.755	
Avg.	4.28	2.48	2.48	7.3	7.8			7.6		175		3	128		4	2.104	7839	77666.7	3.897	2848	2529	444.7							0.9025	64.063333	0.30	1	0.275	8.368		5.6585			

RESIDENTIAL COMMERCIAL INDUSTRIAL FLOW
 INDUSTRIAL WASTE POPULATION EQUIVALENT
 40733 FLOW 26857 CBOD 29640 TSS
 HOWARD, J. OPERATOR CERT. NO. 26667

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: November 2022

Avg. Flow: 4.28

Date	Rainfall	Sludge Disposal in Gallons	Remarks
1		75600	
2		69300	
3		37800	
4		195300	
5		69300	
6		0	
7		113400	
8		113400	
9		113800	
10		113400	
11		75600	
12		50400	
13		0	
14		75600	
15		75600	
16		75600	
17		75600	
18		75600	
19		25200	
20		0	
21		113400	
22		113400	
23		75600	
24		0	
25		0	
26		0	
27		0	
28		37800	
29		75600	
30		75600	
31		0	