



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

December 22, 2023

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for November 2023.**

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 2023.

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. 11/23.

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
CCCoverletter112023.pdf	pdf	406071.0
CCMOR112023.pdf	pdf	179681.0

Report Last Saved By

Cedar Creek WQTC MSD

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2023-12-22 11:26 (Time Zone: -05:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemsd.org
 Date/Time: 2023-12-22 11:54 (Time Zone: -05:00)

NAME OF TREATMENT PLANT
 KPDES PERMIT NUMBER

CEDAR CREEK WTP
 KY0098540

COUNTY JEFFERSON
 PLANT CAPACITY 7.5 MGD

MONTH OF: November 2023
 RECEIVING STREAM CEDAR CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		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	RETURN			WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		WITHDRAWN FLOW (MILLION GALLONS)	NH3-N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen	TOTAL FLOW INF.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.	FALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS							% VOLATILE SOLIDS				
																																						% DRY SOLIDS	% VOLATILE SOLIDS		
1	4.93	2.48	2.48														3.17	8090	60000	2.5	2890	2510	450															8.448266			
2	4.31	2.48	2.48		7.8												3.37	7130	70000	3.1	3450	2980	500														1	0.2	8.4481678		
3	3.56	2.48	2.48														3.44	6380	70000	3	3340	2790	400															8.4481678			
4	3.57	2.48	2.48														3.49		70000	4.3			500														8.4483643				
5	3.51	2.48	2.48														3.5		70000	3.7			540														6.1140528				
6	3.39	2.48	2.48														3.69	5490	60000	2.8	4050	3500	700												9.97	4.3760991					
7	3.21	2.48	2.48														3.56	7080	60000	2.6	3930	3430	560														4.2783875				
8	3.13	2.48	2.48														3.34	5970	60000	2.2	3550	3150	550														4.2885032				
9	3.02	2.48	2.48		7.9				8.2		324		3	139		2	3.4	5570	60000	3.6	3750	3210	550														0.32	106	0.2	4.5007777	
10	3.00	2.48	2.48														3.48	5170	49500	4.1	2770	2320	550															4.6315589			
11	3.19	2.48	2.48														3.53		0	3.8			550														4.6315589				
12	3.25	2.48	2.48														3.52		0	3.9			510															4.704			
13	3.54	2.48	2.48														3.8	5850	10000	1.9	4190	3670	750														8.75	4.951			
14	3.36	2.48	2.48														1.85	12640	60000	6	2660	2310	420															4.901			
15	2.99	2.48	2.48														2.11	10240	60000	6.3	3460	2910	550															4.282			
16	2.92	2.48	2.48		7.0				8.0		156		3	117		3	2.06	11980	68000	2.2	3290	2820	500														0.46	1	0.212	4.199	
17	2.99	2.48	2.48														1.96	9960	70000	4.1	3560	3150	650															4.273			
18	2.97	2.48	2.48														1.92		60000	2.8			650														4.538				
19	2.97	2.48	2.48														1.91		60000	3.6			0														4.667				
20	5.25	2.48	2.48														1.93	11600	60000	2.8	3060	2740	550														11.4	4.247			
21	7.16	2.48	2.48														3.79	9480	30000	2.1	2880	2540	450															10.298			
22	6.44	2.48	2.48														3.97	6970	60000	5.8	3210	2700	500															7.738			
23	4.64	2.48	2.48														4		60000	3			750														6.207				
24	3.78	2.48	2.48														4		40000	1.6			750														5.449				
25	3.64	2.48	2.48														4		60000	3.5			750														5.238				
26	3.75	2.48	2.48														3.64		30000	3.2			780														5.303				
27	3.44	2.48	2.48		7.4				9.0		196		5	90		3	3.56	8060	90000	1.9	4080	3600	800														2.50	1	0.2	7.65	5.087
28	3.28	2.48	2.48														3.62	7800	75000	3.2	4180	3750	800															4.628			
29	3.13	2.48	2.48														3.67	7660	75000	1.8	4580	4100	850															4.283			
30	3.14	2.48	2.48														3.73	7390	75000	2.5	4500	3870	850															4.278			
31																																									
Tot.	111.44	74.4	74.4														97.01																					1335.6			165.884894
Avg.	3.71	2.48	2.48		7.5				8.2		206		4	117		3	3.2337	8025	55750	3.263	3569	3102.5	610.7													46.055	0.88	3	0.203	9.443	5.529496467

RESIDENTIAL COMMERCIAL INDUSTRIAL INDUSTRIAL WASTE POPULATION EQUIVALENT
 35377 21276 30390 Howard J 26667
 FLOW CBOD TSS OPERATOR CERT. NO.
 TOTAL NUMBER OF SEWER CONNECTIONS 0
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION
 504-540-6000 PLANT TELEPHONE

NAME OF TREATMENT PLANT Cedar Creek

COUNTY Jefferson

Month of: November 2023

Avg. Flow: 3.71

Date	Rainfall	Sludge Disposal in Gallons	Remarks
1		75600	
2		75600	
3		107100	
4		50400	
5		0	
6		75600	
7		75600	
8		75600	
9		75600	
10		75600	
11		50400	
12		0	
13		75600	
14		113400	
15		37800	
16		37800	
17		0	
18		0	
19		0	
20		31500	
21		75600	
22		37800	
23		0	
24		0	
25		0	
26		0	
27		75600	
28		37800	
29		75600	
30		0	
31		0	