



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

September 21, 2023

Crystal Dennis
Permit Support Section
Surface Water Permits Branch
Division of Water
300 Sower Blvd, 3rd Floor
Frankfort, Kentucky 40601

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

Dear Mrs. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Cedar Creek WQTC, for the month of August 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. 09/23.

Enclosures

Cc: V. Graves
B. Tinnel

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	97.0	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
CCMOR082023.pdf	pdf	193092.0
CCCoverletter082023.pdf	pdf	35882.0

Report Last Saved By

Cedar Creek WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2023-09-21 14:50 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2023-09-21 15:04 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: August 2023
 KPDES PERMIT NUMBER KY0098540 PLANT CAPACITY 7.5 MGD RECEIVING STREAM CEDAR CREEK

DATE	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																	
	TOTAL FLOW (MILLION GALLONS)	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	DISTRIBUTION	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME	10 MIN.	60 MIN.	RAW			HAULED			NH3-N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (MILLION GALLONS)								
																												% CALCONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000													
1	2.27	2.48	2.48														2.89	8160	80000		3	3670	3150	800																1.9647425						
2	3.77	2.48	2.48		7.0				8.0		128		3	132		7	3.06	8280	80000		2.1	2980	2500	600																	5.3192067					
3	3.96	2.48	2.48														2.75	5260	80000		1.88	4200	3630	560																5.5971632						
4	3.70	2.48	2.48														3.44	6440	80000		2.8	3550	3290	550																5.3509688						
5	3.49	2.48	2.48														3.45		80000		1.4			650																4.9958129						
6	3.44	2.48	2.48														3.54		80000		1.2			600																5.0311923						
7	4.52	2.48	2.48														3.37	6870	100000		2.7	3820	3260	700															6.5537829							
8	5.08	2.48	2.48														3.28	9910	80000		3.6	3260	2870	525																7.2567286						
9	4.01	2.48	2.48		8.2				7.9		39		3	110		2	3.37	6760	80000		4.8	3330	2750	560																5.6818705						
10	4.09	2.48	2.48														3.87	6280	80000		3.78	3610	3030	650																5.7958608						
11	3.61	2.48	2.48														3.41	6200	80000		3.87	3530	3000	620																4.849102						
12	4.74	2.48	2.48														3.39		80000		3.5			650																6.6063309						
13	4.72	2.48	2.48														3.38		80000		4.7			600																6.5925069						
14	5.38	2.48	2.48														3.31	6640	80000		4.2	3610	2990	570																7.4225655						
15	5.71	2.48	2.48														3.29	10130	80000		2.3	3060	2510	530																8.3885479						
16	4.33	2.48	2.48		8.2				7.8		51		3	59		2	3.08	9090	80000		4.2	3170	2710	550																6.5200777						
17	4.00	2.48	2.48														3.34	6760	80000		3.4	3200	2760	580																	5.8841443					
18	3.60	2.48	2.48														3.47	6380	80000		3.2	3280	2790	550																	5.3384843					
19	3.51	2.48	2.48														3.37		80000		4.4			550																	5.1781096					
20	3.55	2.48	2.48														3.46		80000		3.4			560																	5.2352891					
21	3.25	2.48	2.48														3.48	5610	80000		2.7	3340	2810	600																	4.6755562					
22	3.15	2.48	2.48														3.52	5140	60000		2.6	3270	2670	610																	4.4715643					
23	3.06	2.48	2.48		7.9				7.7		182		3	331		3	3.47	5150	60000		3	3270	2970	610																4.2862945						
24	3.08	2.48	2.48														3.51	6130	60000		3.2	3850	3550	590																	4.221909					
25	3.12	2.48	2.48														3.46	5890	60000		3.4	3390	2820	600																	4.4952526					
26	4.99	2.48	2.48														3.3		60000		3			610																	6.6751099					
27	4.03	2.48	2.48														3.35		60000		5.3			600																	5.5055723					
28	3.37	2.48	2.48														3.2	6060	60000		2.6	3500	2900	690																	4.8457446					
29	3.23	2.48	2.48														3.39	6060	80000		3.9	3280	2790	550																	4.6193657					
30	3.10	2.48	2.48														3.52	5890	60000		3.9	3590	2990	590																	4.2436614					
31	2.94	2.48	2.48														4	6680	60000		3.8	3790	3250	620																	4.0737467					
Tot.	118.82	76.88	76.88														104.7																								1978.2			167.6762646		
Avg.	3.83	2.48	2.48		7.8				7.9		100		3	158		4	3.378	6773	74839		3.285	3460	2956	594.4																	65.94	0.33	1	0.225	5.83	5.408911761

RESIDENTIAL COMMERCIAL INDUSTRIAL FLOW CBOD TSS
 INDUSTRIAL WASTE POPULATION EQUIVALENT
 36505 29711 15223
 HOWARD, J OPERATOR 26667 CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-540-6000 PLANT TELEPHONE

NAME OF TREATMENT PLANT Cedar Creek

COUNTY Jefferson

Month of: August 2023

Avg. Flow: 3.83

Date	Rainfall	Sludge Disposal in Gallons	Remarks
1		75600	
2		88200	
3		88200	
4		75600	
5		50400	
6		0	
7		88200	
8		88200	
9		81900	
10		75600	
11		6300	
12		75600	
13		0	
14		88200	
15		88200	
16		88200	
17		88200	
18		88200	
19		50400	
20		0	
21		88200	
22		88200	
23		88200	
24		88200	
25		88200	
26		69300	
27		0	
28		88200	
29		44100	
30		50400	
31		0	