



Safe, clean waterways

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

September 22, 2020

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for August 2020.**

Dear Mrs. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Cedar Creek WQTC, for the month of August 2020.

There were no exceedances, bypasses, or discharges to report. Influent flow was not recorded for a period beginning August 1st 2020 and ending August 13th of 2020.

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

Sincerely,


William E. Ford
Process Supervisor Operations

WEF/ Cedar Creek. 08/20.

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
CCMOR082020.pdf	pdf	137321.0
CCCoverletter082020.pdf	pdf	31604.0

Report Last Saved By

Cedar Creek WQTC MSD

User: kevin.thompson@louisvillemSD.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemSD.org
 Date/Time: 2020-09-22 08:41 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemSD.org
 Date/Time: 2020-09-22 08:46 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: August 2020
 KPDES PERMIT NUMBER KY0098540 PLANT CAPACITY 7.5 MGD RECEIVING STREAM CEDAR CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		SETTLEABLE SOLIDS (mg/L)			DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING				FINAL		Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (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	WASTED	DISOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		NH3-N (mg/L)				ECOLI								
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS						% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000						
1	10.60															6	50000	3.4				250														10.595259						
2	10.71															6	50000	2.6				350														10.711455						
3	8.62			7.4	8.0				10.4							5	6520	35000	3.2	2880	2580	400													1	0.3	4.92	8.6160479				
4	6.89															5	7510	90000	2.9	4400	3610	650															6.887506					
5	6.22															5	8490	70000	2.6	3970	3260	650															6.2230587					
6	5.66															5	6560	95000	3.1	4060	3360	650															5.6636448					
7	5.45															5	6130	65000	3.0	4270	3660	620															5.4481902					
8	5.32															4		50000	3.1				600														5.3212028					
9	5.34													218		3	194		3	4		50000	3.0													1.70	0.3	6.41	5.3373198			
10	5.68			7.5	8.0				10.1							4	4870	90000	3.2	4320	3630	580															1		5.6781979			
11	5.24															4	6280	70000	3.2	3980	3430	610																5.2419672				
12	5.05															4	4670	100000	2.9	4000	3330	600																5.048903				
13	5.07															3	4670	80000	3.3	4240	3440	600																5.0723243				
14	7.48															4	5100	80000	2.7	3880	3340	590																5.2280703				
15	6.70															4		50000	4.6				580															10.010807				
16	5.84													116		3	140		3	4		50000	3.2														1.10	0.3	5.41	9.1246586		
17	6.28			7.4	7.4				9.4							3	8480	75000	2.3	4080	3400	600																1		5.7766404		
18	5.13															2	10740	50000	2.6	3410	2860	520																	4.187881			
19	4.82															2	8500	65000	3.3	3490	2960	530																	4.0367718			
20	4.57															2	8330	70000	2.7	3800	3220	510																	3.8882635			
21	4.80															2	10370	60000	1.3	3880	3410	500																	3.8261178			
22	5.51															2		50000	3.0				500															4.5319414				
23	6.25													210		5	142		3	2		40000	2.8														0.31	0.3	8.41	5.1376085		
24	5.58			7.4	8.2				9.2							2	11680	45000	3.6	3400	2980	490																	2		4.6448369	
25	5.13															2	9920	75000	3.7	3700	3230	490																		4.2730241		
26	4.82															2	8150	75000	4.1	3850	3280	530																		4.0393848		
27	4.84															2	8060	70000	4.8	3750	3210	510																		3.9212239		
28	5.03															2	7370	75000	3.9	3630	3050	550																		4.1365652		
29	7.98															2		50000	3.7				420																6.5811839			
30	6.29															2		40000	6.4				400																5.2188525			
31	6.65															2	10210	50000	4.6	3220	2780	480																		5.6096787		
Tot.	#####															104.2																								180.0185869		
Avg.	6.11			7.4	7.9				9.8					173		4	131		3	3.361	7743.3	63387	3.316	3820	3239	528.1												1.05	1	0.3	6.288	5.80705119

RESIDENTIAL COMMERCIAL INDUSTRIAL FLOW CBOD TSS OPERATOR CERT. NO.

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

PLANT TELEPHONE