



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

September 20, 2021

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for August 2021.**

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 August 2021.

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. 08/21.

Enclosures

Cc: V. Graves

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
CCCoverletter082021.pdf	pdf	35842.0
CCMOR082021.pdf	pdf	199405.0

Report Last Saved By

Cedar Creek WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemsd.org
 Date/Time: 2021-09-20 07:19 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemsd.org
 Date/Time: 2021-09-21 08:03 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: August 2021
 KPDES PERMIT NUMBER KY0098540 PLANT CAPACITY 7.5 MGD RECEIVING STREAM CEDAR CREEK

DATE	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						
	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 X1000	GAL/DAY X 1000	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)				
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS						% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000		
1	4.14	2.48	2.48										226		3	134		3	2	8680	100000	2.5	2520	2070	580		3.18					0	0.52			3.1872189		
2	3.93	2.48	2.48	7.2													2	8480	80000	3.2	2590	2020	610			0.85		144.9		1				0.3	7.51	3.1081886		
3	3.87	2.48	2.48	7.0	7.5				8.9								2	8770	80000	3.0	2400	2000	610					138.6								3.0247989		
4	3.72	2.48	2.48	6.9													2	8770	80000	3.0	2400	2000	610					75.6								2.9530997		
5	3.76	2.48	2.48	7.3													1	9190	80000	3.0	2360	1940	600					135.6								2.9371686		
6	3.74	2.48	2.48	7.1													2	9070	80000	2.6	2430	2050	700					75.6								2.8462446		
7	3.84	2.48	2.48											76		3	82		1		60000	2.9			700				50.4						3.0126832			
8	3.91	2.48	2.48														2		1		60000	2.7			700				0	2.00			0.3	11.2	3.0336726			
9	5.08	2.48	2.48	7.2													2	8620	60000	2.6	2320	1910	690			0.71		113.4		1						3.8803997		
10	5.24	2.48	2.48	7.0	7.2				8.7								2	8980	60000	4.1	2360	1880	590					100.8								3.8514514		
11	4.50	2.48	2.48	7.2													1	8610	60000	3.5	2200	1850	600					75.6								3.5186236		
12	4.97	2.48	2.48	7.0													1	8870	60000	2.5	2300	1870	600					75.6								3.2435393		
13	4.46	2.48	2.48	7.1													2	8060	60000	2.4	2240	1790	600					81.9								3.1177151		
14	4.94	2.48	2.48														2			3.0				690				25.2								3.3869917		
15	5.39	2.48	2.48											230		3	119		3		60000	3.6			540				0	1.00			0.3	8.73	3.6184342			
16	1.48	2.48	2.48	7.3													1	7990	50000	2.9	2010	1600	600			0.95		37.8		2						3.2554476		
17	2.89	2.48	2.48	7.1	7.2				8.7								2	8210	40000	2.7	2000	1660	630					56.7								3.1630936		
18	7.58	2.48	2.48	6.9													2	7710	40000	3.0	2150	1790	600					75.6								3.0203669		
19	4.36	2.48	2.48	7.0													2	7440	50000	2.6	2240	1890	690					69.3								4.7042246		
20	5.09	2.48	2.48	7.0													3	6510	50000	4.2	2130	1760	650					75.6								4.1519585		
21	4.46	2.48	2.48														3			3.8				650				31.5								3.6405213		
22	4.56	2.48	2.48											298		13	109		3		50000	4.5			550				0	1.10			0.308	7.57	3.5337672			
23	3.91	2.48	2.48	7.1													2	8870	35000	3.0	1910	1580	550			0.68		69.3		124						3.2095244		
24	3.47	2.48	2.48	7.4	7.3				8.5								2	8850	40000	2.2	2430	2030	650					63								3.0759058		
25	3.43	2.48	2.48	6.8													2	8580	40000	2.8	2160	1830	700					75.6								3.1504107		
26	3.40	2.48	2.48	7.3													2	8230	50000	3.2	2260	1870	750					75.6								2.9707525		
27	3.34	2.48	2.48	7.0													2	7980	50000	3.4	2370	1900	520					75.6								2.8886886		
28	3.43	2.48	2.48														2			3.3				700				44.1								2.9630709		
29	3.52	2.48	2.48														2			2.9				620				0								3.0397937		
30	3.56	2.48	2.48	7.2													2	9630	50000	2.5	2020	1690	600					75.6								7.0327058		
31	9.47	2.48	2.48	7.0													5	5880	50000	2.9	2920	2420	650					75.6								12.017025		
Tot.	133.45	76.88	76.88																																		114.5374872	
Avg.	4.30	2.48	2.48	7.1	7.3				8.7					208		6	111		3	1.894	8328	57580.65	3.032	2287	1882	631.3		114.4				0.798	64.326	1.16	4	0.302	8.753	3.694757652

RESIDENTIAL 40998 FLOW INDUSTRIAL WASTE POPULATION EQUIVALENT 23442 CBOD 35475 TSS OPERATOR Randolph Paul Kustes Jr. CERT. NO. 14555
 TOTAL NUMBER OF SEWER CONNECTIONS 0 SEWERED POPULATION 0
 SEWER CONNECTIONS 0 X 4 = 0 PLANT TELEPHONE 502-540-6000

NAME OF TREATMENT PLANT Cedar Creek

COUNTY Jefferson

Month of: August 2021

Avg. Flow: 4.30

Date	Rainfall	Sludge Disposal	Remarks
		in Gallons	
1	0	0	
2	0	144900	
3	0	138600	
4	0	75600	
5	0	135600	
6	0	75600	
7	0	50400	
8	0	0	
9	0.74	113400	
10	0	100800	
11	0	75600	
12	0	75600	
13	0	81900	
14	0.14	25200	
15	0	0	
16	0.01	37800	
17	0	56700	
18	0.01	75600	
19	1.05	69300	
20	0	75600	
21	0	31500	
22	0	0	
23	0	69300	
24	0	63000	
25	0.02	75600	
26	0	75600	
27	0.04	75600	
28	0	44100	
29	0	0	
30	1.82	75600	
31	1.26	75600	