



700 West Liberty Street | Louisville, KY 40203-1971  
Phone: 502.540.6000 | LouisvilleMSD.org

May 26, 2021

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

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

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 April 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)587-5849.

Sincerely,

William Ford  
Process Supervisor-Operations

WEF/ Cedar Creek. 04/21.

Enclosures

Cc: V. Graves  
R. Shaw

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: April 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	RETURN		WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	30 MIN.	60 MIN.	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS x 1000	NH3-N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen	TOTAL FLOW INF.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			
1	11.23	2.48	2.48	7.5	7.7				8.9		122		3	52		2	4	9050	100000	4.3	4210	3210	700		8.74													8.747365		
2	8.53	2.48	2.48	7.6													4	11490	100000	4.7	3410	2740	560		6.71				1.38		75600	0.20	1		0.3		6.7091374			
3	8.18	2.48	2.48														4		100000	3.9			650		6.27					18900						6.2675915				
4	7.78	2.48	2.48														3		100000	4.0			450		6.02					0				6.39		6.0257702				
5	7.28	2.48	2.48	7.3													3	9650	100000	3.5	3570	2800	610		5.70					75600						5.696969				
6	6.51	2.48	2.48	7.4													3	9970	100000	3.7	4430	3670	650		5.41					75600						5.4162335				
7	6.54	2.48	2.48	7.6													3	9260	100000	3.9	3960	3160	660		5.42					75600						5.4202151				
8	7.03	2.48	2.48	7.3	7.5				8.2		324		3	118		3	3	9980	75000	4.0	3820	3110	620		5.75			1.09		144900	0.20		0.3			5.7538614				
9	6.35	2.48	2.48	7.3													3	10820	80000	4.1	3870	3150	670		5.26					0			4			5.2646646				
10	7.68	2.48	2.48														3		80000	4.0			680		6.89					75600						6.899837				
11	8.99	2.48	2.48														5		80000	3.9			720		7.32					0				4.72		7.3246207				
12	8.31	2.48	2.48	7.2													4	8880	100000	4.1	4040	3300	700		6.38					75600						6.3830214				
13	6.74	2.48	2.48	7.3													3	10340	120000	3.6	3680	2990	650		5.65					75600						5.6596198				
14	7.10	2.48	2.48	7.4													3	9950	120000	3.9	3620	2920	650		5.90					75600						5.9051752				
15	6.98	2.48	2.48	7.7	7.6				8.4		344		3	105		4	3	10940	120000	4.2	3640	2990	660		5.86			1.37		75600	0.29		0.3			5.8603969				
16	6.44	2.48	2.48	7.1													3	10700	120000	4.0	3540	2850	640		5.41					75600			1			5.4138317				
17	6.39	2.48	2.48														3		120000	4.2			650		5.25					75600						5.2501984				
18	6.32	2.48	2.48														3		120000	4.0			650		5.23				0				6.32		5.234211					
19	5.90	2.48	2.48	7.4													3	8640	120000	4.4	3630	3020	660		4.90					75600						4.9012465				
20	5.73	2.48	2.48	7.6													3	9720	120000	3.9	3630	3000	610		4.67					75600						4.6773286				
21	6.53	2.48	2.48	7.5													3	9150	120000	4.0	3280	2700	600		5.27					119700						5.2767143				
22	6.19	2.48	2.48	7.3	7.5				8.5		180		3	112		4	3	9670	120000	4.2	3260	2710	600		5.06			1.35		113400	0.20		0.3			5.0676675				
23	5.94	2.48	2.48	7.4													3	9380	100000	4.5	3480	2890	580		4.74					88200			7			5.0676675				
24	6.68	2.48	2.48														3		80000	4.3			620		5.26					50400						4.745079				
25	7.35	2.48	2.48														3		80000	4.6			560		6.08					0				6.59		5.2622995				
26	6.39	2.48	2.48	7.5													3	9500	80000	4.2	3230	2710	550		5.10					75600						5.1055679				
27	6.03	2.48	2.48	7.5													3	9140	80000	3.9	3230	2670	500		4.84					132300						4.8422008				
28	7.09	2.48	2.48	7.6													3	8840	80000	4.0	3050	2560	500		5.72					163800						5.7290835				
29	10.91	2.48	2.48	7.5													3	12110	80000	3.8	3170	2720	450		9.56					0						9.565465				
30	11.05	2.48	2.48	7.3													3	11980	70000	4.0	2710	2230	400		8.77					151200						8.7718897				
31																																								
Tot.	#####	74.4	71.92														93.71																				2E+06			178.2449296
Avg.	7.34	2.48	2.48	7.4	7.5				8.5		243		3	97		3	3.124	9961.8	98833.333	4.06	3566	2914	606.7		5.971			1.2975		70560	0.22	2	0.3	6.005		5.941497653				

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
 69896 FLOW  
 34835 CBOD  
 70681 TSS

OPERATOR Randolph P. Kustes Jr.  
 502-540-6000

CERT. NO. 14555  
 PLANT TELEPHONE

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



81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	99.0						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
CCMOR042021.pdf	pdf	144143.0
CCCoverletter.pdf	pdf	36892.0

**Report Last Saved By**

**Cedar Creek WQTC MSD**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemsd.org  
 Date/Time: 2021-05-26 11:30 (Time Zone: -04:00)

**Report Last Signed By**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemsd.org  
 Date/Time: 2021-05-26 12:52 (Time Zone: -04:00)