



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

June 21, 2021

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540  
Discharge Monitoring Report for May 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 May 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. 05/21.

Enclosures

Cc: V. Graves  
R. Shaw



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
CCCoverletter052021.pdf	pdf	34738.0
CCMOR052021.pdf	pdf	142861.0

**Report Last Saved By**

**Cedar Creek WQTC MSD**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemmsd.org  
 Date/Time: 2021-06-21 08:23 (Time Zone: -04:00)

**Report Last Signed By**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemmsd.org  
 Date/Time: 2021-06-21 08:24 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: May 2021  
 KPDES PERMIT NUMBER KY0098540 PLANT CAPACITY 7.5 MGD 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	GAL/DAY X 1000	MLSS X 1000	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.	FALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN FALLONS X 1000					
1	8.26	2.48	2.48													3		70000	3.6			350		6.62												6.6241174
2	7.40	2.48	2.48										290		3	174	4	3	80000	3.8			450		5.95				1.09			0.20	0.3	6.36	5.9486279	
3	10.71	2.48	2.48	7.3	8.0				8.8							3	9630	80000	3.9	3470	2890	580		8.71								1			8.7065763	
4	12.58	2.48	2.48	7.0												3	10230	80000	3.6	3290	2790	460		12.28											12.231413	
5	17.91	2.48	2.48	7.5												4	10460	80000	4.0	2020	1710	290		16.46											16.46196	
6	12.65	2.48	2.48	7.4												4	9590	80000	3.9	3750	3150	440		10.47											10.467101	
7	10.35	2.48	2.48	7.7												4	10700	80000	4.2	2570	2110	400		8.43											8.4332647	
8	8.11	2.48	2.48													5		70000	3.8				420		6.60										6.6050162	
9	8.23	2.48	2.48									264		3	153	4	5	70000	4.2				510		6.67						0.20	0.3	5.54	6.6797438		
10	8.83	2.48	2.48	6.9	7.7				8.6							4	7250	70000	3.9	3610	2920	600		6.23			1.14					1			6.232986	
11	8.24	2.48	2.48	7.4												3	9830	70000	4.0	3220	2560	450		5.67											5.6710315	
12	6.78	2.48	2.48	7.2												3	8870	80000	3.9	3490	2820	550		5.27											5.2727833	
13	6.37	2.48	2.48	7.1												3	8370	80000	4.2	3660	2970	610		5.06											5.0594292	
14	6.11	2.48	2.48	7.3												3	8170	80000	3.8	3910	3170	610		4.86											4.8655968	
15	6.10	2.48	2.48													2		80000	4.3				600		4.82										4.8278818	
16	6.04	2.48	2.48									326		3	201	3	2	80000	3.6				530		4.84			1.09			0.47	0.3	8.45	4.8439889		
17	5.98	2.48	2.48	7.6	7.8				8.9							2	8700	80000	3.8	3230	2620	550		4.60								4			4.6046391	
18	5.99	2.48	2.48	7.3												2	10320	100000	3.9	3620	2920	560		4.45											4.451592	
19	6.04	2.48	2.48	6.9												1	12240	100000	3.6	2610	2180	330		4.48											4.4852495	
20	5.26	2.48	2.48	7.0												2	11060	100000	3.9	2940	2420	440		4.41											4.4173679	
21	5.32	2.48	2.48	7.1												2	10620	120000	4.0	3120	2570	450		4.15											4.1597281	
22	5.19	2.48	2.48													2		80000	3.6				450		4.23										4.2299752	
23	5.12	2.48	2.48									140		3	85	3	2	80000	3.7				460		4.33			1.39			2.20	0.3	10.1	4.3379703		
24	4.90	2.48	2.48	7.3	7.0				8.5							2	10710	120000	3.0	3340	2642	440		4.26								11			4.2682171	
25	5.05	2.48	2.48	7.2												2	9640	100000	3.9	3130	2590	460		4.05											4.0537338	
26	6.60	2.48	2.48	7.4												1	10250	100000	3.2	3370	2820	490		6.72											6.7263312	
27	6.01	2.48	2.48	7.3												2	9920	100000	4.0	3020	2410	450		8.85											8.8598967	
28	6.72	2.48	2.48	7.1												3	6060	80000	3.9	2980	2420	400		5.42											5.4250369	
29	5.95	2.48	2.48													3		70000	4.3				420		4.58										4.5861044	
30	5.31	2.48	2.48													3		80000	4.5				460		5.16										5.1630559	
31	5.28	2.48	2.48													3		80000	4.2				500		4.50										4.5004463	
Tot.	229.41	76.88	76.88													86.26								193.1											193.2044294	
Avg.	7.40	2.48	2.48	7.3	7.6				8.7			255		3	153	4	2.783	9631	84516	3.877	3218	2634	474.5		6.23			1.1775			0.77	3	0.3	7.613	6.232400948	

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
 70478 FLOW  
 55637 CBOD  
 74943 TSS

Randolph P. Kustes Jr. OPERATOR  
 14555 CERT. NO.

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

502-540-6000  
 PLANT TELEPHONE