



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

December 20, 2021

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540  
Discharge Monitoring Report for November 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 November 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. 11/21.

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 - %	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
CCCoverletter112021.pdf	pdf	35508.0
CCMOR112021.pdf	pdf	145767.0

**Report Last Saved By**

**Cedar Creek WQTC MSD**

User: staci.huber@louisvillemsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemsd.org  
 Date/Time: 2021-12-22 08:12 (Time Zone: -05:00)

**Report Last Signed By**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemsd.org  
 Date/Time: 2021-12-22 08:47 (Time Zone: -05:00)

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

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLEABLE 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	RETURN		WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x1000	MLVSS (mg/L) x1000	30 MIN.	60 MIN.	FALLONS x1000	RAW		HAULED		WITHDRAWN GALLONS x1000	NH3-N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (MILLION GALLONS)		
																		GAL/DAY x1000	MLSS x1000								% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS								
1	6.20	2.48	2.48	7.4							178		3	104		3	3	7680	70000	3.5	2560	2010	350		5.80					44100	0.20				1	0.3	6.28	5.1352582
2	5.45	2.48	2.48	7.3													3	6560	70000	3.7	2900	2390	390		4.67					75600								4.6706524
3	5.26	2.48	2.48	7.5	7.8			8.9									3	5510	80000	3.9	2730	2180	400		4.45					151,200								4.4596581
4	4.81	2.48	2.48	7.4													3	6820	80000	5.0	3050	2460	400		4.09					94500								4.0945816
5	4.57	2.48	2.48	7.5													3	6310	70000	2.5	2680	2200	400		3.91					94500								3.9144709
6	4.57	2.48	2.48														3		70000	4.1					3.91					75600								3.9144709
7	4.53	2.48	2.48														2		70000	3.9					3.91					0								3.9123034
8	4.53	2.48	2.48	7.3						264			3	112		3	3	7060	80000	3.4	3040	2560	440		3.83			0.72		69300	0.78		0.3	8.72			3.9123034	
9	4.04	2.48	2.48	7.6													3	6100	80000	4.0	3100	2670	420		3.55					44100		1						3.5594227
10	3.99	2.48	2.48	7.5	7.8			9.9									3	5730	80000	4.7	3030	2420	390		3.46					37800								3.463
11	5.07	2.48	2.48	7.6													2	6010	80000	3.8	3070	2640	390		4.28					75600								4.2817063
12	5.64	2.48	2.48	7.5													3	8300	80000	5.0	2600	2080	320		4.72					132300								4.7178435
13	5.35	2.48	2.48														3		80000	3.0					4.54					75600								4.5402608
14	5.10	2.48	2.48														3		80000	2.5					4.38					0								4.383594
15	3.98	2.48	2.48	7.6						226			3	84		3	3	7020	80000	2.9	3020	2460	380		3.99			1.14		63000	1.40	0.3	9.53				3.9973845	
16	3.44	2.48	2.48	7.4													3	6360	80000	5.2	3110	2540	370		3.43					144900		10						3.8187037
17	3.41	2.48	2.48	7.4	7.7			8.5									3	6410	90000	3.6	3070	2420	410		3.73					207900								3.7311
18	5.65	2.48	2.48	7.4													3	8290	90000	3.3	3050	2440	400		5.75					163800								5.7577062
19	4.73	2.48	2.48	7.6													3	8260	90000	3.6	2800	2320	380		4.95					0								4.9533901
20	4.37	2.48	2.48														3		80000	4.1					4.64					44100								4.6408887
21	6.25	2.48	2.48														2		80000	3.7					6.14					0								6.1415658
22	5.96	2.48	2.48	7.0						180			3	78		3	2	7860	80000	5.2	2980	2380	350		6.03			0.91		0	0.20		0.3	7.11				6.0313606
23	4.85	2.48	2.48	7.6													3	8400	80000	5.3	2820	2520	350		5.09					75600		55						5.0988922
24	4.68	2.48	2.48	7.3	7.4			8.6									3	6110	80000	5.1	2910	2430	360		4.87					138600								4.868124
25	5.79	2.48	2.48														2		80000	4.4					4.89					0								5.7896385
26	5.25	2.48	2.48														3		80000	5.6					5.37					0								5.365036
27	4.76	2.48	2.48														3		80000	3.9					4.98					0								4.972558
28	4.50	2.48	2.48														3		80000	2.8					4.79					0								4.7933326
29	4.17	2.48	2.48	7.3													3	7240	90000	4.9	3340	2780	490		4.16					75600								4.3470082
30	3.86	2.48	2.48	7.2													3	7190	90000	4.8	3390	2820	450		4.15					37800								4.1545711
Tot.	144.75	74.4	74.4														83.58								136.5					1921500								137.4254842
Avg.	4.83	2.48	2.48	7.4	7.7			9.0		212			3	95		3	2.786	6961	80000	4.047	2963	2436	383.9		4.549			0.91		64050	0.65	5	0.3	7.91			4.580849473	

RESIDENTIAL FLOW 45953 INDUSTRIAL WASTE POPULATION EQUIVALENT CBOOD 22369 TSS 40624 OPERATOR Randolph P. Kustes Jr. CERT. NO. 14555

TOTAL NUMBER OF SEWER CONNECTIONS 0 SEWERED POPULATION 0 X 4 = 0 PLANT TELEPHONE 502-540-6000