



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

June 23, 2023

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540  
Discharge Monitoring Report for May 2023.**

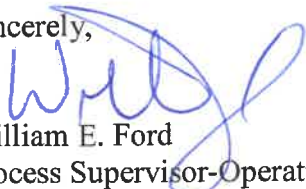
Dear Mrs. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Cedar Creek WQTC, for the month of May 2023.

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 E. Ford  
Process Supervisor-Operations

WEF/ Cedar Creek. 06/23.

Enclosures

Cc: V. Graves  
B. Tinnel



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
CCCoverletter052023.pdf	pdf	35008.0
CCMOR052023.pdf	pdf	136634.0

**Report Last Saved By**

**Cedar Creek WQTC MSD**

User: staci.huber@louisvillemsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemsd.org  
 Date/Time: 2023-06-26 12:10 (Time Zone: -04:00)

**Report Last Signed By**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemsd.org  
 Date/Time: 2023-06-26 13:09 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: May 2023  
 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		GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	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)	
																		GAL/DAY X 1000	MLSS X 1000						30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS						% VOLATILE SOLIDS
1	4.31	2.48	2.48	7.3								52		3	56		3	3.42	8380	100000	2.5	3640	3040	720							75600	0.79				5.6633549
2	3.90	2.48	2.48	7.6	7.1				7.9									3.52	6850	100000	2.4	3820	3180	710							75600		7			5.2905502
3	3.81	2.48	2.48	7.4														3.21	6950	80000	3.6	3700	3100	700						75600					5.9482222	
4	3.56	2.48	2.48	6.9														2.93	8150	80000	2.9	3300	2860	650						75600					5.7840176	
5	3.45	2.48	2.48	7.3														2.73	8890	100000	2.6	3600	2990	650						75600					5.8790689	
6	3.67	2.48	2.48															2.46		80000	2.8			590						50400					5.9052029	
7	5.52	2.48	2.48															2.95		80000	2.9			450					0					7.4310288		
8	5.50	2.48	2.48	7.2							156		3	76		3	3.69	7810	80000	2.5	3370	2940	570					113400	0.37		0.3	5.22		7.7553153		
9	7.62	2.48	2.48	7.5	7.2				8.2								3.56	8610	90000	2.4	3060	2680	550						75600		5			10.444313		
10	5.81	2.48	2.48	7.3													3.4	9250	100000	3.1	2970	2500	500						113400					8.3830471		
11	4.81	2.48	2.48	7.1													3.51	8380	80000	4.2	3320	2750	600						113400					7.3287578		
12	4.32	2.48	2.48	7.2													3.53	8190	80000	4.4	3350	2760	600						113400					6.8382664		
13	4.30	2.48	2.48														3.51		80000	2.1			600						75600					6.7977901		
14	4.43	2.48	2.48														3.48		80000	1.9			650					0						7.0394726		
15	4.12	2.48	2.48	6.9							218		3	104		3	3.14	7850	120000	2.7	3180	2730	600					113400	0.59		0.3	5.92		6.7358632		
16	7.09	2.48	2.48	7.6	8.0				8.0								3.05	7610	100000	2.8	3270	2810	600					113400		48				9.7593012		
17	7.31	2.48	2.48	7.2													2.8	10960	80000	3.6	2840	2390	480					75600						9.8076048		
18	5.84	2.48	2.48	7.3													2.86	10710	80000	3.5	2820	2520	510					75600						8.4381132		
19	4.86	2.48	2.48	7.3													3.53	7870	100000	3.3	3520	2970	560					37800						7.1515632		
20	7.48	2.48	2.48														3.85		80000	4.3			400					50400						12.047827		
21	6.92	2.48	2.48														4.56		80000	4.1			500					0						10.496817		
22	5.90	2.48	2.48	7.1							134		3	82		3	3.31	6360	80000	5.1	2190	1900	370					75600	0.31		0.3	5		9.2342844		
23	5.15	2.48	2.48	7.6	8.0				8.0								3.41	8720	90000	4.1	3270	2800	530					37800		6				5.3776436		
24	4.45	2.48	2.48	7.2													3.47	7610	90000	3.8	3080	2620	560					75600						4.8556695		
25	4.01	2.48	2.48	7.1													3.38	6870	80000	3.1	3530	2950	580					75600						4.8556132		
26	3.73	2.48	2.48	7.3													3.25	6530	80000	3.0	3470	2930	650					0						4.8556695		
27	3.67	2.48	2.48														3.24		40000	2.0			650					0						4.8557258		
28	3.54	2.48	2.48														3.11		40000	3.1			650					0						4.8556695		
29	3.74	2.48	2.48														3.07		40000	3.0			650					75600						4.8556132		
30	3.50	2.48	2.48	7.1													3.01	7280	80000	2.8	3790	3190	680					75600						4.8557258		
31	3.40	2.48	2.48	7.0													3.05	6910	80000	2.5	3500	2960	700					113400						5.0358849		
Tot.	#####	76.88	76.88														101.99												2028600						214.5629968	
Avg.	4.83	2.48	2.48	7.3	7.6				8.0		140		3	80		3	3.29	8033.6	82258.06452	3.132	3299.5455	2798.64	587.419					65438.71	0.52	10	0.3	5.545		6.921386994		

RESIDENTIAL  
COMMERCIAL  
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
45995 FLOW 18836 CBOD 26852 TSS

Howard. J  
OPERATOR

26667  
CERT. NO.

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

502-540-6000  
PLANT TELEPHONE