



Safe, clean waterways

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

July 25, 2024

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for June 2024.**

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 June 2024.

Also attached is 2nd quarter biomonitoring.

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

WF/Cedar Creek 07/24

Enclosures

Cc: V. Graves
B. Tinnel

					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 95.0	= 117.0	26 - lb/d		= 3.0	= 4.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS					
					Permit Req. <= 626.0 MO AVG	<= 939.0 MX WK AV	26 - lb/d		<= 10.0 MO AVG	<= 15.0 MX WK AV	19 - mg/L		01/07 - Weekly	24 - COMP24					
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample = 114.0	= 141.0			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	CP - COMPOS					
					Permit Req.						19 - mg/L		01/07 - Weekly	24 - COMP24					
					Value NODI														
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample = 97.0						23 - %	0	01/30 - Monthly	CA - CALCTD					
					Permit Req. >= 85.0 MO AV MN						23 - %		01/30 - Monthly	CA - CALCTD					
					Value NODI														
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 98.0						23 - %	0	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
CCCoverletter062024.pdf	pdf	30193.0
CCMOR062024.pdf	pdf	189539.0

Report Last Saved By

Cedar Creek WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
Name: William Ford
E-Mail: william.ford@louisvillemsd.org
Date/Time: 2024-07-25 11:27 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
Name: William Ford
E-Mail: william.ford@louisvillemsd.org
Date/Time: 2024-07-25 14:48 (Time Zone: -04:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit																							
Permit #:		KY0098540				Permittee:					Cedar Creek WQTC MSD					Facility:				CEDAR CREEK WQTC MSD			
Major:		Yes				Permittee Address:					700 W Liberty St Louisville, KY 40203					Facility Location:				8405 CEDAR CREEK RD LOUISVILLE, KY 40291			
Permitted Feature:		001 External Outfall				Discharge:					001-2 TOXICITY												
Report Dates & Status																							
Monitoring Period:		From 04/01/24 to 06/30/24				DMR Due Date:					07/28/24					Status:				NetDMR Validated			
Considerations for Form Completion																							
THREE 24-HOUR COMPOSITE SAMPLES ONE EACH COLLECTED EVERY OTHER DAY FOR A PERIOD OF 5 DAYS; IE - DAYS 1, 3 & 5																							
Principal Executive Officer																							
First Name:		James				Title:					Executive Director					Telephone:				502-540-6000			
Last Name:		Parrott																					
No Data Indicator (NODI)																							
Form NODI:		--																					
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type				
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units			
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample						<	1.0		2G - tox chronic	0	01/90 - Quarterly	24 - COMP24						
					Permit Req.					<=	1.0 MAXIMUM		2G - tox chronic	01/90 - Quarterly		24 - COMP24							
					Value NODI																		
Submission Note																							
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User:		WILLIAM.FORD@LOUISVILLEMSD.ORG																					
Name:		William Ford																					
E-Mail:		william.ford@louisvillemSD.org																					
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NAME OF TREATMENT PLANT CEDAR CREEK WTP
 KPDES PERMIT NUMBER KY0098540

COUNTY JEFFERSON
 PLANT CAPACITY 7.5 MGD

MONTH OF: June 2024
 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		TOTAL FLOW INF. (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 X 1000	GAL/DAY X 1000	DISSOLVED OXYGEN (mg/L) 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									
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS						% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000							
1	4.88																2.85	180000		4.7			600															5.9733028					
2	4.89																2.7	180000		2.9			550															6.0853119					
3	4.67			8.2	7.1				10.6		206		6	100	3	2.73	7530	180000	2.6	3440	2950	540										2.90	1	0.2	7.96		5.8498816						
4	4.43			7.4												3.03	7070	100000	3.2	3440	2900	500															5.599854						
5	4.44			7.4												3.2	5500	50000	4.8	3700	3230	490															5.5737667						
6	5.01			7.4												2.48	6980	120000	4.9	2730	2040	430																6.1526585					
7	4.28			7.4												2.48	6400	100000	4.7	3000	2570	460																5.4599771					
8	4.02															2.74		150000	4.4				460															5.103107					
9	4.02															2.74		150000	4.4				430															5.1048193					
10	3.81			8.3	8.1				8.8		154		3	97	2	2.71	6150	100000	3.5	2940	2520	450									0.20	2	0.28	8.16				4.9155722					
11	3.76			7.5												1.86	5430	100000	4.4	2860	2460	480																4.8824191					
12	3.80			7.5												1.58	9980	100000	3.1	2300	1940	380																4.9932585					
13	3.78			7.5												1.55	7060	200000	2.9	2450	2010	380																4.989212					
14	3.58			7.5												1.72	6110	200000	3.3	2500	2180	380																4.6724229					
15	3.74															1.89		150000	3.6				350															4.8337383					
16	3.56															1.99		150000	3.8				350															4.6094275					
17	3.50			8.1	8.2				8.1		206		3	141	4	1.98	5570	170000	2.6	2520	2180	390										0.20	59	0.2	11.4			4.5113044					
18	3.42			7.4												1.98	5130	100000	2.8	3010	2130	380																4.3864059					
19	3.29															1.9		75000	2.9				390															4.3029265					
20	3.25			7.3												1.92	5710	150000	3.1	3220	2660	390																4.6878719					
21	3.15			7.2												1.95	6000	125000	3.2	2400	1910	370																4.7880206					
22	3.23															1.92		150000	3				390															4.8049531					
23	3.40															1.92		75000	2.5				380															4.9192028					
24	3.28			7.7	7.9				8.3		208		3	117	3	1.86	6980	75000	2.5	2840	2440	490										2.70	1	0.2	9.95			4.9803729					
25	3.07			7.4												1.87	7660	30000	2.5	2770	2410	410																5.1076336					
26	4.25			7.6												2.59	8280	30000	2.7	2410	2060	350																6.6069093					
27	5.27			7.6												2.92	7750	30000	4.3	2500	2140	350																8.0695696					
28	3.47			7.5												3.07	7280	30000	5.1	2790	2380	390																5.7919469					
29	3.88															3.03		60000	3.1				400															5.9918032					
30	3.65															3.01		90000	2.9				400															5.3973193					
31																		100000																									
Tot.	#####															70.23																						159.1449694					
Avg.	3.89			7.6	7.8				9.0		194		4	114	3	2.341	6767	112903	3.48	2833	2373	423.7																90.00	1.50	3	0.22	9.368	5.304832313

RESIDENTIAL _____ INDUSTRIAL WASTE POPULATION EQUIVALENT _____
 COMMERCIAL 37080 FLOW _____ 21727 _____ CBOD _____ 29919 _____ TSS _____
 INDUSTRIAL _____ OPERATOR M Stephenson CERT. NO. 9616

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

PLANT TELEPHONE 502-540-6000

NAME OF TREATMENT PLANT Cedar Creek

COUNTY Jefferson

Month of: June 2024

Avg. Flow: 3.89

		Sludge Disposal	
Date	Rainfall	in Gallons	Remarks
1		#REF!	
2		#REF!	
3		#REF!	
4		100000	
5		100000	
6		100000	
7		120000	
8		120000	
9		120000	
10		120000	
11		100000	
12		60000	
13		100000	
14		125000	
15		90000	
16		120000	
17		100000	
18		70000	
19		50000	
20		70000	
21		70000	
22		90000	
23		80000	
24		80000	
25		80000	
26		80000	
27		75000	
28		75000	
29		75000	
30		75000	
31		75000	