



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

July 20, 2021

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

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

Additionally, the 2nd Quarter Biomonitoring information is included.

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. 06/21.

Enclosures

Cc: V. Graves
R. Shaw

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
CCMOR062021.pdf	pdf	136120.0
CCCoverletter062021.pdf	pdf	36538.0

Report Last Saved By

Cedar Creek WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemsd.org
 Date/Time: 2021-07-20 15:19 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemsd.org
 Date/Time: 2021-07-21 07:59 (Time Zone: -04:00)

DMR Copy of Record

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 04/01/21 to 06/30/21			DMR Due Date:				07/28/21				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		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														01/90 - Quarterly	24 - COMP24	
					Permit Req.															01/90 - Quarterly	24 - COMP24
					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																					
No attachments.																					
Report Last Saved By																					
Cedar Creek WQTC MSD																					
User:		WILLIAM.FORD@LOUISVILLEMSD.ORG																			
Name:		William Ford																			
E-Mail:		william.ford@louisvillemsd.org																			
Date/Time:		2021-07-20 16:52 (Time Zone: -04:00)																			
Report Last Signed By																					
User:		WILLIAM.FORD@LOUISVILLEMSD.ORG																			
Name:		William Ford																			
E-Mail:		william.ford@louisvillemsd.org																			
Date/Time:		2021-07-21 08:00 (Time Zone: -04:00)																			

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: June 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) 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)
																									30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000					
1	5.23	2.48	2.48	7.3	7.3				9.0		191		3	102		3	3080	100000	3.8	3080	2580	480		4.58								0.33		0.3	8.67	4.5840192	
2	9.87	2.48	2.48	7.5												3	3220	80000	3.5	3220	2690	500		10.04										5			10.400261
3	11.81	2.48	2.48	7.3												3	2510	80000	4.2	2510	2010	300		12.77													12.771592
4	8.67	2.48	2.48	7.6												3	3120	80000	3.9	3120	2600	400		11.11													11.112047
5	7.00	2.48	2.48													3	80000	80000	3.7			400		7.17												7.1702189	
6	6.57	2.48	2.48													3	80000	80000	3.2			400		6.62												6.6281281	
7	9.25	2.48	2.48	7.3												3	3000	80000	2.9	3000	2450	450		12.60												12.609616	
8	10.03	2.48	2.48	7.3	7.3				9.0		177		6	85		4	3	2810	80000	3.9	2810	2330	390		10.67		1.22				1.10		0.3	5.09		10.673098	
9	11.72	2.48	2.48	7.1												3	2620	80000	4.2	2620	2180	350		9.65										15		9.6558018	
10	8.83	2.48	2.48	7.5												3	2730	80000	3.9	2730	2180	400		7.30												7.3053541	
11	7.58	2.48	2.48													3	3160	80000	4.3	3160	2600	450		6.23												6.2341132	
12	6.78	2.48	2.48													3	80000	80000	3.6			440		5.67												5.666306	
13	6.85	2.48	2.48													3	80000	80000	3.9			440		6.05												6.0468063	
14	6.97	2.48	2.48	7.2												3	2980	80000	4.1	2980	2430	450		5.71												5.7127247	
15	6.16	2.48	2.48	7.2	7.8				8.9		243		3	144		2	3	3350	80000	4.2	3350	2750	490		4.76		1.18			1.10		0.3	4.91		4.762692		
16	5.76	2.48	2.48	7.5												3	3520	80000	3.9	3520	2760	450		4.58												4.5823526	
17	5.41	2.48	2.48	7.6												3	3300	80000	3.6	3300	2680	480		4.36												4.3600783	
18	5.35	2.48	2.48	7.4												3	3350	80000	3.3	3350	2790	500		4.25												4.2528005	
19	5.26	2.48	2.48													3	100000	80000	3.7			490		4.15												4.1556044	
20	5.21	2.48	2.48													3	100000	80000	3.7			520		4.28												4.2838545	
21	5.70	2.48	2.48	7.3												2	3270	80000	3.9	3270	2670	570		4.18												4.1869106	
22	5.27	2.48	2.48	6.9	7.4				8.9		85		3	77		3	2	2820	80000	4.2	2820	2310	500		4.27		1.01			1.80		0.3	4.95		4.2760906		
23	5.75	2.48	2.48	7.0												2	2530	80000	3.6	2530	2080	440		4.23												4.2389588	
24	5.06	2.48	2.48	7.0												2	2160	80000	2.2	2160	1740	320		3.86												3.864897	
25	4.97	2.48	2.48	7.5												2	2700	80000	4.0	2700	2190	480		3.78													3.7863257
26	4.81	2.48	2.48													2	80000	80000	3.6			470		3.75												3.7523077	
27	2.64	2.48	2.48													2	80000	80000	4.1			480		1.98												1.9881426	
28	4.72	2.48	2.48	7.3												2	2810	80000	3.1	2810	2280	500		3.80												3.8028953	
29	4.72	2.48	2.48	7.0												1	2470	80000	2.8	2470	1990	450		3.57												3.5715685	
30	4.64	2.48	2.48	7.1												1	2630	100000	2.6	2630	2160	500		3.57												3.5786371	
Tot.	198.58	74.4	74.4													74.68								179.54												179.5742025	
Avg.	6.62	2.48	2.48	7.3	7.4				8.9		174		4	102		3	2.489	2915	82666.67	3.653	2915	2384	449.7		5.9847		1.1367			1.08	6	0.3	5.905		5.98580675		

RESIDENTIAL COMMERCIAL INDUSTRIAL 0 FLOW 63040 CBOD 33123 TSS 45741 OPERATOR Jesse Howard CERT. NO. 26667

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