



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

August 24, 2023

Crystal Dennis
Permit Support Section
Surface Water Permits Branch
Division of Water
300 Sower Blvd, 3rd Floor
Frankfort, Kentucky 40601

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for July 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 July 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 Ford
Process Supervisor-Operations

WEF/ Cedar Creek. 08/23.

Enclosures

Cc: V. Graves
B. Tinnel

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	96.0							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
CCCoverletter072023.pdf	pdf	33903.0
CCMOR072023.pdf	pdf	147884.0

Report Last Saved By

Cedar Creek WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemsd.org
 Date/Time: 2023-08-24 09:23 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemsd.org
 Date/Time: 2023-08-25 08:36 (Time Zone: -04:00)

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	WASTED X 1000	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME	30 MIN.	60 MIN.	RAW			HAULED		WITHDRAWN GALLONS X 1000	NH3-N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (MILLION GALLONS)		
																												GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS								
1	6.42	2.48	2.48													2.91		80000			3.1			600									0					8.1504288		
2	10.39	2.48	2.48													2.96		80000			2.8			650									0					13.041315		
3	10.73	2.48	2.48		8.0				8.2		17		3	43		3.38	7810	60000		2.9	1750	1320	250									0	1.80	1	0.507			12.382928		
4	7.25	2.48	2.48													3.34		40000		6.3			150										75.6					8.8015137		
5	6.18	2.48	2.48													2.49	5410	80000		2.1	2200	1730	297										75.6					7.538125		
6	5.58	2.48	2.48													3.05	3310	80000		2.7	2150	1760	310										75.6					6.9403648		
7	4.76	2.48	2.48													4.39	7010	80000		2.4	3660	3070	700										75.6					7.4626083		
8	4.62	2.48	2.48													3.93		80000		1.3			600										0					7.9460444		
9	4.99	2.48	2.48													4.13		80000		1.8			600										0					6.4628782		
10	4.33	2.48	2.48		7.2				7.6		29		3	30		4.23	6180	90000		3	3720	3050	650									69.3	1.20	1	0.3	8.57		5.5032196		
11	3.99	2.48	2.48													4.35	6510	80000		2.8	3850	3120	680										75.6					5.1432147		
12	4.08	2.48	2.48													4.27	6080	90000		1.9	3660	2920	640										75.6					5.7179532		
13	3.64	2.48	2.48													4.02	6960	90000		2.1	3430	2850	650										69.3					5.8272429		
14	3.64	2.48	2.48													3.64	7040	90000		3.2	3540	2840	650										69.3					5.7189441		
15	4.72	2.48	2.48													3.69		80000		4			530											50.4					7.0829	
16	4.94	2.48	2.48													3.79		80000		2.8			590											0					7.9904027	
17	4.04	2.48	2.48		8.1				7.6		113		3	67		3.62	7200	80000		1.7	3080	2680	595										75.6	0.33	1	0.2	5.98		6.4339881	
18	4.42	2.48	2.48													3.79	6870	80000		4.1	3380	2960	625										75.6					6.8452306		
19	5.14	2.48	2.48													5.11	7170	80000		3.8	3010	2530	550										113.4					8.6005621		
20	5.06	2.48	2.48													4.55	6600	80000		3.7	3337	3040	590										75.6					8.051734		
21	4.06	2.48	2.48													3.88		80000		3.2	3390	2860	610										69.3					6.1769743		
22	3.52	2.48	2.48													3.79		80000		2.3			580											113.4					5.4355707	
23	3.64	2.48	2.48													3.84		0		3.1			570											0					5.8981209	
24	3.67	2.48	2.48		8.0				8.1		111		3	73		3.94	5430		0	3.2	3480	3050	680									75.6	0.37	1	0.14	5.97		5.3646975		
25	3.93	2.48	2.48													3.51	7330	80000		3.6	3500	2900	650										75.6					5.3636236		
26	3.57	2.48	2.48													3.38	6810	80000		2.4	3500	2790	650										75.6					5.0097957		
27	3.39	2.48	2.48													3.19	6640	80000		3	3560	2910	600										75.6					4.7430754		
28	3.37	2.48	2.48													3.01	6480	80000		2.4	3750	3140	630										176.4					4.8251171		
29	3.45	2.48	2.48													3.09		80000		2.7			650											50.4					4.9425979	
30	3.35	2.48	2.48													3.03		80000		3			650											0					4.9196382	
31	3.15	2.48	2.48													2.87	7520	80000		2.5	3850	3220	600										75.6					4.5000563		
Tot.	148.03	76.88	76.88													113.2																		1839.6						208.8208658
Avg.	4.78	2.48	2.48		7.8				7.9		68		3	53		3.65	6545	74193.5		2.9	3290	2737	573.5									59.342	0.93	1	0.287	6.84		6.736156961		

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
45476 FLOW
12474 CBOD
12800 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