



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

October 23, 2020

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for September 2020.**

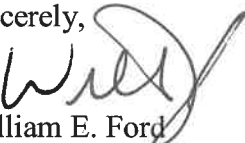
Dear Mrs. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Cedar Creek WQTC, for the month of September 2020.

There were no exceedances, bypasses, or discharges to report.

Also attached is the third quarter biomonitoring DMR.

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. 09/20.

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
CCMOR092020.XLS	xls	332288.0
CCCoverletter092020.pdf	pdf	29443.0

Report Last Saved By

Cedar Creek WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2020-10-23 08:32 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2020-10-23 08:32 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP

COUNTY JEFFERSON

MONTH OF: September 2020

KPDES PERMIT NUMBER KY0098540

PLANT CAPACITY 7.5 MGD

RECEIVING STREAM CEDAR CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		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)	pH		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)		MLVSS (mg/L)		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													GAL/DAY X 1000	WASTED		GAL/DAY X 1000	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000									
1	6.14										176	3	106			2	2	11890	50000	6.2	3180	2450	410									0.20		0.3	7.09	5.0187945				
2	7.23			7.4	7.7				9.4							3	3	9720	50000	2.6	3290	2790	490									1				7.104732				
3	13.33															5	5	6020	50000	3.2	2250	1900	310													13.008697				
4	12.12															5	4	4400	20000	2.9	1540	1080	200													9.8530149				
5	8.01															4			50000	2.5			320													7.0310774				
6	7.05															4			50000	2.5			350													5.5877314				
7	6.12															3			50000	2.4			560													5.3101401				
8	5.57										206	3	145			3	4	5910	100000	2.5	3950	3400	600									0.24		0.3	5.66	4.8360262				
9	6.10			7.5	8.0				9.1							3	3	6460	95000	2.8	3970	3200	640										2				4.5497999			
10	5.48															2	2	11420	50000	3.0	3410	2870	450														4.3896465			
11	5.06															2	2	10960	65000	3.5	3730	3180	560														4.1706138			
12	5.07															2			50000				570													4.2093511				
13	5.19															2			50000				560													4.2699442				
14	4.97															2	2	11840	80000	2.1	4130	3580	550														4.030242			
15	4.64										287	5	199			3	2	8600	80000	3.2	3710	3090	550										0.36		0.3	9.62	3.8956602			
16	4.76			7.5	8.0				10.2							2	2	8010	60000	4.9	4130	3490	500														3.8647528			
17	4.60															2	2	7550	80000	5.1	3850	3230	540														3.8068769			
18	4.50															2	2	6710	80000	5.0	3520	2950	520														3.7002723			
19	4.51															2			50000	4.8			500													3.7158773				
20	4.55															2			50000	4.5			520													3.7978711				
21	4.41															2	2	7090	75000	3.4	3460	2950	470														3.6602056			
22	4.32										228	3	185			3	2	6580	80000		3400	2880	500										0.39		0.3	11	3.5819883			
23	4.27			7.3	8.0				9.6							2	2	6840	80000	3.7	3540	3050	460														3.4935541			
24	4.37															2	2	6880	70000	3.4	3260	2950	420														3.5320024			
25	4.33															2	2	7010	75000	4.1	3410	3010	420														3.5237238			
26	4.52															2			50000	3.9			400													3.5906627				
27	4.54															2	2		50000	3.7			450													3.7072222				
28	4.83															2	2	6420	75000	3.3	3230	2780	440														3.7807059			
29	5.00															2	2	7270	70000	6.5	3250	2810	400														4.1497746			
30	5.14															2	2	7900	65000	5.0	3190	2760	380														4.2125263			
31																																								
Tot.	#####																																					143.3834875		
Avg.	5.69			7.4	7.9				9.6		224	4	159			3	2.529	7880	63333.33	3.73	3400	2876	468													0.30	1	0.3	8.343	4.779449583

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

54194 FLOW 44317 CBOD 50678 TSS

Joseph Shaun Smith
OPERATOR

20987
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS
SEWER CONNECTIONS 0 X 4 = 0

SEWERED POPULATION

PLANT TELEPHONE