



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

July 23, 2020

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

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

Also attached is a discharge report and the second quarter biomonitoring DMR.

There were no exceedances or bypasses to report. Influent flow was not recorded for 6/20/20.

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 6/20.

Enclosures

Cc: V. Graves
R. Shaw

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	99.0								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
CCCoverLetter062020.pdf	pdf	384422.0
CCMOR062020.Pdf	pdf	147571.0
CedarCreek.pdf	pdf	11521.0

Report Last Saved By

Cedar Creek WQTC MSD

User: kevin.thompson@louisvillemmsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemmsd.org
 Date/Time: 2020-07-23 13:49 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2020-07-24 09:09 (Time Zone: -04:00)

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	99.0							23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.	>=	85.0 MO AV MN						23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI											

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KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0098540	MSD0289	CEDAR CREEK	CEDAR CREEK	CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	98022	9719 COLLIER LN		CEDAR CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3275944		06/30/2020	FORD JR	FORD JR	DOCUMENTE D	11/27/2019	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	06/30/20 09:37 AM	

Discharge Reporting:

Discharge Amount:	92,000 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	NO DEBRIS WAS OBSERVED.
Control Zone:	PERMANENT OVERFLOW SIGNS.
Impact:	SEWAGE DISCHARGE.
Repair:	SYSTEM CAPACITY CAUGHT UP WITH FLOW.
Public Notification:	PERMANENT OVERFLOW WARNING SIGNS POSTED ALONG CREEK.

Notifications:

6/30/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Total Facilities Printed: 1

Total Work Orders Printed: 1

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: June 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)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RETURN		WAST. ED	DISSOLVED OXYGEN (mg/L)	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					GAL/DAY x 1000	30 MIN.	60 MIN.	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS						% DRY SOLIDS	% VOLATILE SOLIDS	WETWEIGHT CALLS x 1000
1	5.60										382		3	162		3	4.41	6990	100000	3.8	4280	3680	580									0.24		0.3	7.71	4.5442896	
2	5.26			7.5	8.0			8.6									4.54	6650	100000	4.2	3740	3150	590									2				4.3220162	
3	5.15																4.38	6980	100000	3.6	4410	3690	580													4.2049427	
4	5.62																4.1	6570	100000	3.2	3920	3300	550													4.6085253	
5	7.59																4.24	9310	100000	4.1	3160	2710	520													6.0433731	
6	5.93																4.22		80000	3.8			510													4.8347492	
7	5.56																4.19		70000	3.5			500													4.4747643	
8	5.97										268		4	90		3	3.1	7050	100000	2.6	4340	3540	550									0.97		0.3	7.62	4.1664076	
9	5.54			7.5	8.0			8.4									2.47	9970	65000	3.0	3260	2620	450									9				4.0106993	
10	4.96																2.51	8920	60000	2.8	3560	2830	440													3.8725929	
11	4.51																2.4	8120	70000	2.7	3650	3200	490													3.664386	
12	4.39																2.13	10990	50000	2.7	3380	2850	460													3.5112581	
13	4.32																2.31		50000	2.7			470													3.4796352	
14	4.44																2.32		50000	2.7			490													3.5480402	
15	4.42										353		3	186		3	2.34	6910	75000	2.3	3290	2930	480									2.40		0.13	11.3	3.4198194	
16	4.14			7.4	8.0			7.8									2.32	6830	85000	2.1	3660	3170	540									1				3.3299074	
17	4.21																2.29	7850	75000	2.3	3340	2850	430														3.287893
18	4.07																2.21	6920	80000	3.3	3630	3080	500														3.2709067
19	3.96																2.16	8240	80000	3.3	3540	2900	480														3.2474489
20	4.00																2.3		65000	4.0			470													0.29022866	
21	4.97																2.23		65000	3.1			480													3.0659571	
22	5.38										252		3	127		3	2.23	10100	65000	4.0	3260	2780	470									0.40		0.16	9.16	4.2617488	
23	6.88			7.5	7.8			9.8									2.14	10370	50000	4.2	3350	2910	470									1				5.4032168	
24	5.59																2.24	10120	45000	4.3	3040	2540	400														4.4136715
25	4.82																2.21	8390	60000	4.2	3310	2830	450														3.8630321
26	4.59																2.24	8000	65000	4.0	3370	2780	500														3.617038
27	5.04																2.03		50000	4.1			450													3.9211774	
28	6.76																2.28		50000	3.8			420													5.2794185	
29	11.68																4.22	9560	45000	3.4	2910	2490	400														11.634769
30	18.40																6.9	5660	45000	3.6	1830	1580	150														9.1208458
31																																					
Tot.	173.77																89.66																				130.7128588
Avg.	5.79			7.5	8.0			8.7			314		3	141		3	2.989	8204.55	69833.3	3.38	3465	2928	475.7										1.00	2	0.223	8.948	4.357095292

RESIDENTIAL FLOW 55164 INDUSTRIAL WASTE POPULATION EQUIVALENT 40137 TSS 72173 OPERATOR Joseph Shaun Smith CERT. NO. 20987
 COMMERCIAL FLOW CBOD FLOW OPERATOR
 INDUSTRIAL FLOW TSS OPERATOR

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

502-540-6000
 PLANT TELEPHONE