



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

June 25, 2020

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

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

Also attached is an Overflow Report.

There were no exceedances to report.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5849.

Sincerely,

William Ford
Process Supervisor-Operations

WEF/Cedar Creek 05/20

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 - %	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
CedarCreekDischargereport052020.pdf	pdf	11606.0
CCMAY2020Coverletter.pdf	pdf	28371.0
CCMOR052020.pdf	pdf	71404.0

Report Last Saved By

Cedar Creek WQTC MSD

User: staci.huber@louisvillemSD.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemSD.org
 Date/Time: 2020-06-25 09:13 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemSD.org
 Date/Time: 2020-06-25 10:44 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: May 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		TOTAL FLOW INF. (MILLION GALLONS)													
		GRT 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	WAST ED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME	30 MIN.	60 MIN.	RAW		HAULED		NH3-N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen									
																												GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS						% DRY SOLIDS	% VOLATILE SOLIDS							
1	6.05																5	7800	100000		3.4	4070	3380	690																	5.24444			
2	5.83																5	7800	100000		3.4	4070	3380	690																			4.98315	
3	5.81													236		3	176																										4.88791	
4	5.43			7.5	8.1				9.4							3	176																										4.70108	
5	6.25																																										5.166	
6	5.92																																									4.95577		
7	5.48																																									4.61265		
8	8.94																																									7.56086		
9	9.48																																									7.69554		
10	7.18													190		5	119																										5.87287	
11	6.41			7.5	7.9				9.6																																		5.20806	
12	6.18																																										4.83457	
13	5.79																																										4.70319	
14	6.13																																										5.05302	
15	5.99																																										4.97193	
16	13.00																																										14.05388	
17	12.37													109		3	98																										10.18598	
18	10.84			7.8	8.3				9.2																																		7.94181	
19	9.97																																										7.77273	
20	9.89																																										6.96711	
21	7.02																																										5.77839	
22	6.47																																										5.38886	
23	7.83																																										6.5812	
24	12.61																																										10.49659	
25	8.84													216		3	95																										7.04	
26	8.31			7.4	8.0				8.4																																		6.7210331	
27	8.15																																										6.4862404	
28	7.78																																										6.3285828	
29	7.16																																										5.6515398	
30	6.42																																										5.1986585	
31	5.99																																										4.8909988	
Tot	239.60																																											197.9346434
Avg	7.73			7.6	8.1				9.2				188		4	122																											6.38498497	

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 FLOW 73580
 CBOD 46241
 TSS 57607

Joseph Shaun Smith
 OPERATOR

20987
 CERT. NO.

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

PLANT TELEPHONE



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
SPLSewer Treatment Plant	MSD0289	8405 CEDAR CREEK RD		CEDAR CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3256040		05/08/2020	FORD JR	FORD JR	REPAIRED - ISSUE RESOLVED	05/08/2020	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE- WATERS	05/08/20 05:11 PM	

Discharge Reporting:

Discharge Amount:	150 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	THERE WAS NO DEBRIS PRESENT OR OBSERVED.
Control Zone:	NOT REQUIRED.
Impact:	WASTE WATER WAS TREATED BUT NOT DISINFECTED. WASTE WATER WAS ON PARKING LOT.
Repair:	WE OPENED THE SAND FILTER BYPASS GATE.
Public Notification:	PERMANENT SIGNS HAVE BEEN POSTED ALONG THE CREEK.

Notifications:

5/9/20 1:00 AM	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