



Safe, clean waterways

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

March 9, 2020

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

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

Also attached is a discharge report.

There were no exceedances or bypasses to report.

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

Sincerely,

Duane V. Wright
Process Supervisor

DVW/ Cedar Creek. 02/20.

Enclosures

Cc: V. Graves
R. Shaw

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:	001-1 MUNICIPAL DISCHARGE		

Report Dates & Status

Monitoring Period:	From 02/01/20 to 02/29/20	DMR Due Date:	03/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:	James A.	Title:	Exec. Dir.	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	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	8.2					19 - mg/L	01/07 - Weekly	GR - GRAB	
					Permit Req.					>=	7.0 INST MIN					19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.4			=	7.9	12 - SU	01/07 - Weekly	GR - GRAB	
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	01/07 - Weekly	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	260.0	=	379.0	26 - lb/d			=	5.0	=	7.0	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	1877.0 MO AVG	<=	2815.0 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	184.0	=	314.0	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.															
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	9.0	=	10.0	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.															
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	43.0	=	69.0	26 - lb/d			=	0.8	=	1.4	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	626.0 MO AVG	<=	939.0 MX WK AV	26 - lb/d			<=	10.0 MO AVG	<=	15.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample								=	0.3	=	0.3	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	7.655	=	9.516	03 - MGD								99/99 - Continuous	CN - CONTIN	
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	6.515	=	7.34	03 - MGD								99/99 - Continuous	CN - CONTIN	
					Permit Req.															
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	3.0	=	11.0	13 - #/100mL	01/07 - Weekly	GR - GRAB	
					Permit Req.															
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	149.0	=	189.0	26 - lb/d			=	3.0	=	3.0	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	626.0 MO AVG	<=	939.0 MX WK AV	26 - lb/d			<=	10.0 MO AVG	<=	15.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample								=	129.0	=	165.0	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.															
					Value NODI															
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample								=	98.0			23 - %	01/30 - Monthly	CA - CALCTD	
					Permit Req.															
					Value NODI															
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample								=	97.0			23 - %	01/30 - Monthly	CA - CALCTD	
					Permit Req.															
					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
CCMOR022020.pdf	pdf	42262.0
DischargeReport_CedarCreek_February2020.pdf	pdf	11662.0
CC022020_COVER.pdf	pdf	428188.0

Report Last Saved By

Cedar Creek WQTC MSD

User: kevin.thompson@louisvillemd.org
Name: Kevin Thompson
E-Mail: kevin.thompson@louisvillemd.org
Date/Time: 2020-03-19 12:51 (Time Zone: -04:00)

Report Last Signed By

User: WRIGHTDUANE
Name: Duane Wright
E-Mail: duane.wright@louisvillemd.org
Date/Time: 2020-03-19 13:14 (Time Zone: -04:00)



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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3208888		02/12/2020	FORD JR	WRIGHT	DOCUMENTE D	11/27/2019	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE-WATER AM	02/17/20 10:00	

Discharge Reporting:

Discharge Amount:	358,600 GAL
Cause:	MECHANICAL FAILURE.
Clean Up:	NO DEBRIS WAS OBSERVED.
Control Zone:	PERMANENT OVERFLOW SIGNS.
Impact:	SEWAGE DISCHARGE.
Repair:	WE CLEANED OUT THE PUMPS.
Public Notification:	PERMANENT OVERFLOW WARNING SIGNS POSTED ALONG CREEK.

Notifications:

2/13/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
2/13/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Total Facilities Printed: 1

Total Work Orders Printed: 1

