



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

May 10, 2019

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for April 2019.**

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 April 2019.

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. 4/19.

Enclosures

Cc: V. Graves
R. Shaw

DMR Copy of Record

Permit

Permit #:

KY0098540

Major:

Yes

Permittee:

Cedar Creek WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Facility:

CEDAR CREEK WQTC MSD

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 04/01/19 to 04/30/19

DMR Due Date:

05/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

James A.

Last Name:

Parrott

Title:

Exec. Dir.

Telephone:

502-540-6000

No Data Indicator (NODI)

Form 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
DischargeReport_CedarCreek_April2019.pdf	pdf	95321
CC042019_COVER.pdf	pdf	406534
CCMOR042019.pdf	pdf	42862

Report Last Saved By

Cedar Creek WQTC MSD

User:

WRIGHTDUANE

Name:

Duane Wright

E-Mail:

duane.wright@louisvillemtd.org

Date/Time:

2019-05-21 13:17 (Time Zone: -04:00)

Report Last Signed By

User:

WRIGHTDUANE

Name:

Duane Wright

E-Mail:

duane.wright@louisvillemtd.org

Date/Time:

2019-05-21 13:45 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: April 2019
 KPDES PERMIT NUMBER KY0098540 PLANT CAPACITY 7.5 MGD RECEIVING STREAM CEDAR CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLEABLE SOLIDS (mg/L)		DISSOLVED OXYGEN (mg/L)		SUSPENDED SOLIDS (mg/L)		5 DAY CBOD (mg/L)		ACTIVATED SLUDGE			AERATION BASIN				SLUDGE HANDLING						FINAL		Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (MILLION GALLONS)							
		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		WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW		HAULED				NH3-N (mg/L)	ECOLI					
																		GAL/DAY X 1000	MLSS X1000					GAL/DAY X 1000	30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS						% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000	
1	7.39										236		1	143			3	3	5210	70000	7.2	1870	1660	260								0.46						
2	6.45			7.6	8.1				12.0									3	3	6320	70000	7.6	3010	2640	400									1				5.10927
3	6.01																	3	3	9000	70000	7.8	2680	2410	400													4.69272
4	5.60																	3	3	9210	70000	7.8	2720	2410	400													4.44814
5	6.61																	3	3	7750	70000	7.9	2710	2380	400													5.11035
6	6.13																	3	3	70000	7.2				360												4.8903	
7	8.24																	3	3	70000	6.3				360												6.57361	
8	7.94										216		2	115			2	3	7540	65000	3.8	2650	2340	320								0.58		0.458	7.87	6.17625		
9	6.68			7.5	8.0				10.0									3	3	6520	68000	7.2	2950	2640	390								5				5.34371	
10	6.23																	3	3	10450	45000	7.4	3130	2680	400												4.92701	
11	5.92																	3	3	8780	70000	7.1	2990	2610	400													4.67372
12	5.78																	3	3	8730	80000	6.9	3040	2600	390													4.52397
13	5.45																	3	3	60000	6.2				380												4.51115	
14	12.08																	4	4	30000	5.9				300												10.31108	
15	8.63										220		3	169			4	4	4220	52000	5.6	1460	1370	160								1.10		0.537	15.1	7.29326		
16	6.61			7.4	8.1				11.0									3	3	8290	60000	6.1	3210	2900	350								2				5.63434	
17	6.02																	3	3	7690	55000	5.0	2690	2580	300												5.11725	
18	5.57																	3	3	8760	52000	6.7	2980	2620	300												4.85521	
19	9.55																	3	3	7600	60000	5.7	3020	2580	300												8.8395	
20	20.90																	7		30000	6.6				240												13.08452	
21	14.54																	7		30000	5.7				200												11.95723	
22	12.28										192		3	73			3	6	4260	70000	5.1	2040	1770	200								0.61		0.504	6.81	8.87389		
23	9.64			7.5	8.0				12.0									4	4	7120	60000	3.8	2790	2410	290								1				7.46001	
24	9.09																	3	3	13150	75000	5.0	2940	2500	320												7.75518	
25	9.34																	3	3	9740	50000	4.8	3010	2580	300												7.8186	
26	11.01																	3	3	8900	40000	4.8	2220	1910	250												9.46034	
27	8.37																	3	3		40000	5.2			300												7.05327	
28	7.21																	3	3		40000	5.0			340												6.11898	
29	6.12																	3	3	8080	65000	3.9	3390	2880	400												5.34314	
30	5.68																	3	3	9480	65000	5.6	3860	3220	450												4.89857	
31																																						
Tot.	247.09																		107.6																		198.70396	
Avg.	8.24			7.5	8.1				11.3		216		2	125		3	3.586	8036.4	58400	6.03	2789	2440	328.7									0.69	2	0.45	9.153	6.623465333		

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 78441 FLOW 50508 CBOD 70653 TSS

OPERATOR _____ CERT. NO. _____

TOTAL NUMBER OF SEWER CONNECTIONS 0

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

PLANT TELEPHONE _____

Report Selections: Period: 04/01/2019 00:00 thru 04/30/2019 23:59, treatment Plant: MSD0289 CEDAR CREEK, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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
SMH Sewer Manhole	98024	8809 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	3086656		04/20/2019	THOMPSON	THOMPSON	DOCUMENTED	04/20/2019	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	04/22/19 12:46 PM	HFG

Discharge Reporting:

Discharge Amount:	36,200 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT.
Clean Up:	MSD CLEANED AND SANITIZED AREA.
Control Zone:	TEMP SIGNS.
Impact:	SEWAGE.
Repair:	CLEAN UP WILL BE PERFORMED AFTER DISCHARGE STOPS.
Public Notification:	TEMP SIGNS ARE POSTED AROUND THE AFFECTED AREA.

Notifications:

4/20/19 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/20/19 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Total Facilities Printed: 1

Total Work Orders Printed: 1