



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

June 6, 2019

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

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

There were no exceedances, discharges 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. 5/19.

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 05/01/19 to 05/31/19

DMR Due Date:

06/28/19

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:

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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
CCMOR052019.pdf	pdf	45561
CC052019_COVER.pdf	pdf	398714

Report Last Saved By

Cedar Creek WQTC MSD

User:

staci.huber@louisvillemsd.org

Name:

Staci Huber

E-Mail:

staci.huber@louisvillemsd.org

Date/Time:

2019-06-14 08:40 (Time Zone: -04:00)

Report Last Signed By

User:

WRIGHTDUANE

Name:

Duane Wright

E-Mail:

duane.wright@louisvillemsd.org

Date/Time:

2019-06-14 08:48 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: May 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	SETTLED SLUDGE VOLUME	RAW		HAULED				NH3-N (mg/L)	ECOLI								
																		GAL/DAY X 1000	MLSS X1000			GAL/DAY X 1000	DISSOLVED OXYGEN (mg/L)	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			
1	5.47										303		3	114		2	3	9980	85000	5.3	3660	3020	420	340						0.26		0.3		4.68354			
2	5.95			7.6	7.9				11.2								5	6920	80000	6.4	3390	2820	420	330							1			5.07442			
3	11.48																5	11590	32000	2.6	2430	2140	250	200										12.71755			
4	12.99																7		30000	2.5			200	180										10.3931			
5	12.48																7		50000	3.4			220	200								6.8		9.97592			
6	9.42																5	6230	70000	3.5	3030	2540	300	290										6.89318			
7	7.56																3	7760	75000	5.1	3790	3180	450	350										5.68196			
8	6.03										200		3	83		3	3	8140	70000	5.7	3750	3060	450	340						0.42		0.368		5.194			
9	5.76			7.4	8.2				10.8								3	6790	70000	5.2	3080	2590	320	300							6			4.79941			
10	5.43																4	7650	70000	6.0	3370	2830	350	300										4.46135			
11	5.40																3		40000	5.8			350	300										4.46578			
12	5.88																3		40000	6.0			300	290								9.41		4.84801			
13	5.24																3	7340	80000	5.6	3820	3290	370	300										4.39761			
14	4.95																7	7510	62000	6.2	3140	2660	360	300										4.14431			
15	5.85										288		3	167		3	2	9560	50000	5.7	3140	2630	350	300						0.20		0.462		4.01058			
16	4.70			7.4	8.1				10.2								1	11890	35000	3.6	2650	2410	270	230							1			3.92637			
17	4.78																2	12780	40000	3.5	2150	1880	260	240										3.96219			
18	4.73																2		50000	3.6			290	270										3.93055			
19	5.11																2		60000	3.1			280	270								8.43		4.18509			
20	5.82																2	12260	40000	6.2	2690	2320	280	270										4.80578			
21	5.04																2	11230	60000	7.1	2530	2200	280	260										4.11139			
22	4.77										316		3	201		3	2	11350	50000	5.1	2810	2400	280	250						0.20		0.3		3.88566			
23	4.72			7.2	8.1				10.2								2	8620	50000	4.6	2660	2250	270	250							1			3.88134			
24	4.55																2	7480	55000	4.5	2680	2270	290	260										3.79995			
25	4.55																2		40000	4.5			280	260										3.70549			
26	5.18																2		40000	2.8			300	270										4.17045			
27	6.06																2		40000	6.3			250	240								9.67		4.89789			
28	5.05																2	12240	50000	3.1	2760	2390	300	280										4.12778			
29	7.37																2	7190	60000	3.4	2790	2470	300											7.018			
30	9.02																4	5170	30000	3.9	1740	1280	180	150										7.24257			
31	6.94																3	6550	40000	4.2	1880	1690	200	180										5.72347			
Tot.	198.28																	94.79																165.11469			
Avg.	6.40			7.4	8.1				10.6		277		3	141		3	3.058	8919.55	53032	4.661	2906	2469	303.9	266.7						0.27	2	0.358	8.578	5.326280323			

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
60916 FLOW 44323 CBOD 70300 TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

PLANT TELEPHONE