



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

August 20, 2026

Crystal Dennis
300 Sower Boulevard, 3rd Floor
Frankfort, KY 40601

RE: Cedar Creek WQTC, KPDES No. KY0098540
Discharge Monitoring Report – July 2026

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and Monthly Operator Report (MOR) for Cedar Creek WQTC for the month of July 2026.

There were no bypasses, overflow or permit exceedances during the reporting period.

If you have any questions regarding the attached DMRs, please contact me at (502) 540-6000.

Sincerely,

Curt Otto
Process Supervisor

CO/Cedar Creek 7/26

Enclosures

cc: V. Graves, B. Tinnell

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:
Major:

KY0098540
Yes

Permittee:
Permittee Address:

Cedar Creek WQTC MSD
700 W Liberty St
Louisville, KY 40203

Facility:
Facility Location:

CEDAR CREEK WQTC MSD
8405 CEDAR CREEK RD
LOUISVILLE, KY 40291

Permitted Feature:

001
External Outfall

Discharge:

001-1
MUNICIPAL DISCHARGE

Report Dates & Status

Monitoring Period:

From 07/01/26 to 07/31/26

DMR Due Date:

08/28/26

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

James
Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					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						=	7.6					19 - mg/L	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	7.0 INST MIN					19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.9			=	8.0	12 - SU	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	141.0	=	149.0	26 - lb/d			=	3.0	=	3.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					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			
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	336.0	=	583.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	6.0	=	7.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	38.0	=	119.0	26 - lb/d			=	0.8	=	2.4	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	250.0 MO AVG	<=	376.0 MX WK AV	26 - lb/d			<=	4.0 MO AVG	<=	6.0 MX WK AV	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample								=	0.47	=	0.8	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.								<=	1.0 MO AVG	<=	1.5 MX WK AV	19 - mg/L			
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	6.164	=	8.564	03 - MGD								0	99/99 - Continuous	CN - Continuous
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD										
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	6.795	=	9.563	03 - MGD								0	99/99 - Continuous	CN - Continuous
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD										
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	2.0	=	6.0	13 - #/100mL	0	01/07 - Weekly	GR - Grab
					Permit Req.								<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL			

					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	141.0	=	149.0	26 - lb/d		=	3.0	=	3.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					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		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample							=	79.0	=	126.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.								Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI														
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample					=	96.0					23 - %	0	01/30 - Monthly	CA - Calculated
					Permit Req.					>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - Calculated
					Value NODI														
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	99.0					23 - %	0	01/30 - Monthly	CA - Calculated
					Permit Req.					>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - Calculated
					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
CCCoverletterJuly26.pdf	pdf	36564.0
CCMOR072026.pdf	pdf	75995.0

Report Last Saved By

Cedar Creek WQTC MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemسد.org

Date/Time: 2026-08-21 09:06 (Time Zone: -04:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemسد.org

Date/Time: 2026-08-21 09:10 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: July 2026
 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									
		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 GAL/DAY	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L)	MLVSS (mg/L)	SETTLED SLUDGE VOLUME		RAW			HAULED			NH3-N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (MILLION GALLONS)
																		GAL/DAY Mgd	MLSS					30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS							
1	7.672			7.5														3.18	5070	75000	5.1	1510	1280	230							126000					8.046
2	5.777			7.4	7.9				7.6		412		3	67		3		3.03	6130	75000	1.3	2750	2440	350							151200	0.25	6		7.04	6.158
3	5.539			7.6													3.07	6810	100000	2.5	2910	2430	370							75600					5.909	
4	4.722																3.07		110000	3				400						0					5.176	
5	5.013																2.7		125000	2.7				420						0					5.463	
6	5.807			7.4													1.81	8530	75000	1.8	2120	1920	380							88200					6.298	
7	5.474			7.5													1.87	11890	75000	4.5	1970	1630	280							94500					7.465	
8	5.576			7.5													2.61	7730	125000	4.8	2510	2110	350							100800					6.513	
9	5.686			7.5	7.9				8.1		583		3	126		3	2.74	7800	150000	4	2590	2240	400							94500	0.25	1	0.15	7.01	6.483	
10	9.612			7.4													3.61	8790	150000	3.5	2360	2090	350							94500					11.714	
11	12.670																3.95		100000	6.1				230						0					14.829	
12	10.209																4.7		100000	5.6				370						0					10.435	
13	9.393			7.4													4.67	6500	100000	2.8	2420	2050	360							94500					9.776	
14	6.805			7.5													4.16	6000	150000	3.8	2450	2060	380							94500					7.192	
15	5.423			7.4													3.17	6350	150000	4.2	2780	2410	450							94500					5.901	
16	5.131			7.6	7.9				8.2		206		3	62		3	2.69	5770	150000	4.9	2570	2190	360							94500	0.25	5	0.758	5.64	5.536	
17	6.254			7.5													2.44	5910	75000	4.2	2120	1920	340							94500					6.684	
18	6.112																1.37		75000	6.2				280						0					6.404	
19	5.227																1.32		75000	5.1				310						0					5.625	
20	5.989			7.3													1.41	560	50000	3	300	280	10							94500					6.323	
21	5.466			7.4													1.79	12870	100000	3.3	1980	1720	270							94500					6.779	
22	7.781			7.3													4.32	6120	100000	3.2	2140	1880	370							94500					8.257	
23	5.939			7.6	8.0				7.7		142		3	59		3	3.37	6550	125000	3.1	2510	2170	450							94500	2.40	1	0.15	5.85	6.339	
24	5.450			7.3													2.85	6230	150000	1.8	2600	2250	430							94500					5.916	
25	4.876																2.74		125000	2.1				450						0					5.312	
26	4.997																2.57		125000	2.3				380						0					5.392	
27	5.359			7.4													2.06	5980	150000	1.5	2490	2170	390							94500					5.755	
28	4.607			7.5													1.95	6060	125000	1.8	2510	2150	310							94500					5.041	
29	4.363			7.5													1.68	7090	125000	3.2	2090	1770	380							94500					4.811	
30	4.107			7.4													1.51	5500	125000	2.8	2010	1880	360							94500					4.631	
31	4.053			7.4													1.47	5510	75000	3.7	1930	1680	310												4.494	
Tot.	191.09																83.88													2148300					210.653	
Avg.	6.16			7.4	7.9				7.9		336		3	79		3	2.706	6771.7	110000	3.481	2244	1944	345.8							71610	0.79	2	0.353	6.385	6.795	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

58707
FLOW

23739
CBOD

82194
TSS

Chris Coomer
OPERATOR

18291
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-540-6000

PLANT TELEPHONE