



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

July 14, 2023

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540  
Discharge Monitoring Report for June 2023.**

Dear Mrs. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Cedar Creek WQTC, for the month of June 2023.

Also attached is 2<sup>nd</sup> quarter biomonitoring.

There were no exceedances, bypasses, or discharges to report.

If you have any questions concerning the attached DMR's, please contact me at (502) 587-5858.

Sincerely,

Staci Huber  
Process Supervisor-Operations

SH/ Cedar Creek. 07/23.

Enclosures

Cc: V. Graves  
B. Tinnel



81011	<b>Solids, suspended percent removal</b>	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
CCMOR062023.pdf	pdf	137223.0
CCCover062023.pdf	pdf	31089.0

**Report Last Saved By**

**Cedar Creek WQTC MSD**

User: staci.huber@louisvillemmsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemmsd.org  
 Date/Time: 2023-07-14 13:03 (Time Zone: -04:00)

**Report Last Signed By**

User: staci.huber@louisvillemmsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemmsd.org  
 Date/Time: 2023-07-14 13:08 (Time Zone: -04:00)

## DMR Copy of Record

### Permit

Permit #:	<b>KY0098540</b>	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:	<b>001-2</b> TOXICITY		

### Report Dates & Status

Monitoring Period:	<b>From 04/01/23 to 06/30/23</b>	DMR Due Date:	<b>07/28/23</b>	Status:	<b>NetDMR Validated</b>
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### Considerations for Form Completion

THREE 24-HOUR COMPOSITE SAMPLES ONE EACH COLLECTED EVERY OTHER DAY FOR A PERIOD OF 5 DAYS; IE - DAYS 1, 3 & 5

### Principal Executive Officer

First Name:	James	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Parrott				

### No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value 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			
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--		<	1.0					2G - tox chronic	0	01/90 - Quarterly	24 - COMP24
						<=	1.0 MAXIMUM					2G - tox chronic		01/90 - Quarterly	24 - COMP24

### 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

No attachments.

### Report Last Saved By

#### Cedar Creek WQTC MSD

User: kevin.thompson@louisvillemsd.org  
 Name: Kevin Thompson  
 E-Mail: kevin.thompson@louisvillemsd.org  
 Date/Time: 2023-07-14 12:44 (Time Zone: -04:00)

### Report Last Signed By

User: staci.huber@louisvillemsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemsd.org  
 Date/Time: 2023-07-14 13:09 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: June 2023  
 KPDES PERMIT NUMBER KY0098540 PLANT CAPACITY 7.5 MGD RECEIVING STREAM CEDAR CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		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 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	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		RAW		HAULED		NH3-N (mg/L)	ECOLI						
																									30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS						% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000	
1	3.27	2.48	2.48	6.7									142		3	117		3	3.13	6660	80000	2.04	3590	3000	725		60 MIN.						113400	0.29		0.3		4.5575647
2	3.19	2.48	2.48	7.8	8.2					8.1									3.14	6400	80000	2.41	3490	2870	725							109900		1			4.4781027	
3	3.11	2.48	2.48																3.07		110000	2.25			690						50400					4.4495049		
4	3.22	2.48	2.48																3.14		60000	2.01			680					75600				10		4.4409766		
5	3.00	2.48	2.48	7.2															3.05	6390	60000	1.9	3610	2980	700					37800					4.3087401			
6	3.02	2.48	2.48	7.3															2.99	6090	80000	2.04	3410	2950	650					113400					4.2822614			
7	4.31	2.48	2.48	7.4															2.89	6270	80000	3.05	3350	2980	710					100800					7.556561			
8	4.51	2.48	2.48	7.5									162		3	116		3	2.74	7870	80000	3.09	2910	2460	600							113400	1.90	0.3		6.9488435		
9	3.76	2.48	2.48	7.8	8.1					8.1									2.82	7240	80000	3.21	2840	2460	650					113400		1			5.1205359			
10	3.47	2.48	2.48																3.09		60000	1.65			700					75600					4.8097339			
11	3.83	2.48	2.48																3.24		80000	1.8			750					0			8.8		5.8566184			
12	7.09	2.48	2.48	7.0															2.96	9220	80000	3.1	3160	2630	400					113400					10.031243			
13	4.77	2.48	2.48	6.9															2.87	9230	80000	3.2	2890	2550	550					75600					7.5377388			
14	4.07	2.48	2.48	7.3															3.02	7820	80000	3.3	3000	2550	650					113400					5.5857921			
15	3.72	2.48	2.48	7.0									160		3	136		4	3.18	6840	80000	3	3260	2770	700					113400	0.65	0.3			5.0674787			
16	3.49	2.48	2.48	7.4	8.1					8.1									3.2	5870	80000	2.5	3360	2800	700					113400		2			4.8388543			
17	3.29	2.48	2.48																3.24		80000	2.8			720					50400					4.6348667			
18	3.23	2.48	2.48																3.24		80000	2.6			720					0					4.7152925			
19	6.06	2.48	2.48																4.78		80000	2.5			700					113400			9.56		12.534701			
20	10.99	2.48	2.48	8.1															5.8	5090	80000	3.5	1680	1520	250					75600					16.586685			
21	6.31	2.48	2.48	7.4															5.79	5630	100000	3.4	2530	2100	430					75600					9.0026283			
22	5.68	2.48	2.48	7.4									62		3	35		3	4.91	6230	100000	3.8	3140	2660	650					113400	0.53	0.3			7.4920683			
23	4.87	2.48	2.48	7.5	8.3					8.2									4.44	6860	100000	3.76	3340	2830	600					113400		2			7.0384541			
24	4.24	2.48	2.48																4.51		100000	2.8			460					50400					6.3070626			
25	5.69	2.48	2.48																4.28		100000	2.6			540					0			6.15		9.0155935			
26	13.59	2.48	2.48	7.2															5.3	7960	80000	3.2	2220	1760	400					75600					15.786522			
27	8.91	2.48	2.48	7.1															4.52	7440	80000	3.5	2900	2430	400					113400					11.129082			
28	5.78	2.48	2.48	7.8															3.73	8040	100000	3.7	3330	2950	590					113400					7.9667587			
29	5.49	2.48	2.48	7.5															2.73	8280	100000	3.2	2910	2610	500					113400					7.0310497			
30	5.21	2.48	2.48	7.4															2.85	8080	100000	3	2700	2270	550					113400					6.4604902			
31																																						
Tot.	####	74.4	74.4							8.1									108.7												2440900					215.5718046		
Avg.	5.04	2.48	2.48	7.4	8.2					8.1			132		3	101		3	3.622	7119.52	84333.3	2.83	3029.52	2578	603					84169	0.84	1	0.3	8.628	7.18572682			

RESIDENTIAL COMMERCIAL INDUSTRIAL 47993 24969 26317 HOWARD.J 26667  
 INDUSTRIAL FLOW CBOD TSS OPERATOR CERT. NO.

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

502-540-6000  
 PLANT TELEPHONE