



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

October 23, 2023

Crystal Dennis
Permit Support Section
Surface Water Permits Branch
Division of Water
300 Sower Blvd, 3rd Floor
Frankfort, Kentucky 40601

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

There were no exceedances or bypasses to report. An overflow report is attached.

If you have any questions concerning the attached DMR's, please contact me at (502) 540-6952.

Sincerely,

William Ford
Process Supervisor-Operations

WEF/ Cedar Creek. 10/23.

Enclosures

Cc: V. Graves
B. Tinnel

81011	Solids, suspended percent removal	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
CCCoverletter092023.pdf	pdf	33061.0
CCCMOR092023.pdf	pdf	182164.0
CCOverflowReport092023.pdf	pdf	49139.0

Report Last Saved By

Cedar Creek WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2023-10-24 08:57 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2023-10-24 08:58 (Time Zone: -04:00)

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

DATE	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 FLOW (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		WAST EP	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		NH3-N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. MILLION GALLONS						
																		GAL/DAY x 1000	MLSS x 1000					30 MIN.	60 MIN.	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS						WITHDRAWN GALLONS x 1000					
1	2.85	2.48	2.48															3.38	5540	60000	3.7	3560	2920	570													3.9587748			
2	2.89	2.48	2.48															3.33		60000	2.8			600														4.0782762		
3	2.88	2.48	2.48															3.37		40000	2			700													4.0250893			
4	3.08	2.48	2.48															3.23		60000	2			700													4.54915			
5	2.94	2.48	2.48		7.9				7.8		226		3	295		3	3.15	6940	60000	2.4	3810	3130	650														4.1049051			
6	2.83	2.48	2.48														3.13	7370	60000	2.8	3830	3150	650														4.015563			
7	2.77	2.48	2.48		7.7												3.19	6290	60000	3.5	3700	3100	690														3.9627588			
8	2.71	2.48	2.48														3.28	5840	60000	4.6	3740	3050	650														3.8193204			
9	2.85	2.48	2.48														3.34		60000	4.3			700														4.0892825			
10	2.95	2.48	2.48														3.24		60000	3.5			710														4.4740725			
11	2.74	2.48	2.48								144		3	201		9	3.13	6420	60000	3	3640	3020	700														3.9481218			
12	2.62	2.48	2.48														3.15	7910	60000	3.2	4410	3680	700														3.7696021			
13	3.16	2.48	2.48														2.05	7010	60000	2.5	3810	3200	670														4.5644398			
14	3.34	2.48	2.48														0.577	3680	60000	6.05	2600	2120	400														7.9566646			
15	2.64	2.48	2.48														1.85	6440	60000	2.3	2710	2260	350														9.485136			
16	2.71	2.48	2.48														1.33		60000	4.3			450														9.4853563			
17	2.93	2.48	2.48														1.33		60000	4.1			400														9.485136			
18	2.80	2.48	2.48		8.1				8.0		182		3	219		4	1.4	12260	60000	3.7	3100	2630	400														6.3242803			
19	2.70	2.48	2.48														1.52	11450	60000	3	3280	2750	450														3.9238822			
20	2.68	2.48	2.48														1.58	12860	60000	4.7	3370	2870	450														3.874393			
21	2.68	2.48	2.48														1.65	10350	60000	3.9	3494	2910	450														3.8471496			
22	2.62	2.48	2.48														1.61	11210	80000	4.5	3300	2770	450															3.7335305		
23	2.70	2.48	2.48														1.67		60000	3			450														4.1103759			
24	2.86	2.48	2.48														1.67		60000	3.1			450														4.3209343			
25	2.84	2.48	2.48		8.1				8.0		72		3	136		4	1.67	11650	60000	3.1	3090	2540	400														3.8487954			
26	2.60	2.48	2.48														1.67	11340	65000	2.8	3310	2860	400															3.785867		
27	2.63	2.48	2.48														2	11830	70000	3.1	3230	2690	400														3.7420592			
28	3.38	2.48	2.48														1.85	10270	70000	2.7	3330	2840	410															5.6127419		
29	3.68	2.48	2.48														2.9	6850	60000	2.5	3640	3090	400															5.1169486		
30	3.15	2.48	2.48														3.06		60000	2.4			500														4.3178797			
31																																								
Tot.	86.00	74.4	74.4														70.307																				1928		146.3304868	
Avg.	2.87	2.48	2.48		7.9				7.9		156		3	213		5	2.3436	8675.5	60833.33	3.3183	3447.7	2879	530												66.482759	0.29	1	0.2	8.473	4.877682893

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
27300 FLOW
29919 CBOD
17759 TSS

Howard, J
OPERATOR

26667
CERT. NO.

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

502-540-6000
PLANT TELEPHONE

NAME OF TREATMENT PLANT Cedar Creek

COUNTY Jefferson

Month of: September 2023

Avg. Flow: 2.87

Sludge Disposal

Date	Rainfall	in Gallons	Remarks
1		75600	
2		0	
3		0	
4		0	
5		88200	
6		88200	
7		50400	
8		75600	
9		75600	
10		0	
11		50400	
12		88200	
13		81900	
14		126000	
15		126000	
16		0	
17		0	
18		88200	
19		88200	
20		126000	
21		126000	
22		94600	
23		75600	
24		0	
25		94600	
26		126000	
27		94500	
28		44100	
29		44100	
30		0	
31		0	



IMSAST0004
Overflow Report
9/1/2023 12:00:00 AM to 9/30/2023 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0098540	MSD0289	CEDAR CREEK	CEDAR CREEK	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Service Line	JT13773319	10605 PARK AVE	CEDAR CREEK	CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISSUS: SUSPECTED OVERFLOW EVID. FOUND	3697121		9/4/2023 5:26:00 PM	VAUGHAN	VAUGHAN	SUSPECTED	9/4/2023 12:00:00 AM	ROOTS	UNAUTHORIZED DISCHARGE- WATERS	09/04/23 06:12 PM	LAT

Discharge Reporting:

Discharge Amount:	20 GAL
Cause:	ROOTS IN MAIN SEWER.
Clean Up:	DISCLEAN CREATED FOR AREA SUPERVISOR.
Control Zone:	MSD PERSONNEL ADVISED THE CUSTOMER TO AVOID CONTACT WITH SEWAGE.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND CLEANOUT IN YARD.
Repair:	ROOT CUT MAIN SEWER TO REMOVE OBSTRUCTION.
Public Notification:	ADVISED CUSTOMER ON SITE.