



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

May 24, 2022

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for April 2022.**

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 April 2022.

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

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

Sincerely,

William E. Ford
Process Supervisor-Operations

WEF/ Cedar Creek. 05/22.

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 - %	0	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
CCCoverletter042022.pdf	pdf	36589.0
CCMOR042022.pdf	pdf	186429.0

Report Last Saved By

Cedar Creek WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2022-05-24 11:18 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2022-05-24 14:30 (Time Zone: -04:00)

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY JEFFERSON MONTH OF: April 2022
 KPDES PERMIT NUMBER KY0098540 PLANT CAPACITY 7.5 MGD RECEIVING STREAM CEDAR CREEK

DATE	RAW SEWAGE			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 ID	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	30 MIN.	60 MIN.	RAW		HAULED		WITHDRAWN (MILLION GALLONS)	NH3-N (mg/L)	ECOLI	Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (MILLION GALLONS)		
																		GAL/DAY x 1000	MLSS x 1000							% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS								
1	4.02	2.48	2.5															3	7240	100000	5.5	2830	2200	500		4.03					75.6					4.036047	
2	4.57	2.48	2.5															3		100000	6			490		3.89					50.4					3.885034	
3	4.35	2.48	2.48		7.5				8.0		284		3	170				3		100000	5.6			500		3.81					0.68		0.3	6.65		3.818882	
4	4.17	2.48	2.48															3	7310	100000	5.5	3010	2510	560		3.62					75.6		2			3.623253	
5	5.50	2.48	2.48															2	8600	100000	5.1	3030	2570	580		4.0				113.4					4.608311		
6	8.29	2.48	2.48															2	10890	100000	6.1	2470	2080	500		8.12					119.7					8.129838	
7	10.87	2.48	2.48															3	10350	100000	6.6	2780	2310	490		8.55					113.4					8.558397	
8	7.93	2.48	2.48															3	10380	100000	5	2620	2040	460		5.88					151.2					5.887387	
9	6.39	2.48	2.48															3		80000	5.8			550		5.35					94.5					5.356444	
10	6.04	2.48	2.48		7.0				8.0		134		3	86				3		80000	4.1			550		5.14					0.36		0.3	5.92		5.148253	
11	6.39	2.48	2.48															2	8380	100000	4.8	2830	2190	500		5.32					75.6		2			5.328298	
12	8.80	2.48	2.48															2	11940	100000	5.5	2090	1780	400		7.39					63					7.396742	
13	8.66	2.48	2.48															3	10310	100000	6.2	2800	2210	410		7.97					81.9					7.978664	
14	12.48	2.48	2.48															4	11310	100000	7.2	1770	1550	270		11.67					69.3					11.67483	
15	11.79	2.48	2.48															4	9090	100000	6.1	2420	2030	430		8.8					75.6						8.601885
16	9.35	2.48	2.48															5		100000	5.9			500		7.57					75.6					7.577033	
17	7.99	2.48	2.48		7.5				8.2		218		4	135				4		100000	4.5			500		6.15					0.78		0.3	5.1		6.159836	
18	7.93	2.48	2.48															3	8280	100000	5	3270	2200	480		6.84					37.8		17			6.842183	
19	6.68	2.48	2.48															3	9580	100000	6.4	2550	2150	500		5.61					69.3					5.61587	
20	6.68	2.48	2.48															3	10610	100000	5.2	2590	2170	500		5.61					75.6					5.618699	
21	6.51	2.48	2.48															3	9890	100000	5.4	2890	2800	650		5.51					113.4					5.515944	
22	6.09	2.48	2.48															3	11200	100000	5.8	3120	2800	640		5.17					113.4					5.175624	
23	5.77	2.48	2.48															3		100000	5.8			500		4.92					119.7					4.927295	
24	5.86	2.48	2.48		7.6				8.0		158		3	105				3		100000	5.4			650		4.86					0.56		0.3	5.6		4.868819	
25	5.30	2.48	2.48															2	10750	100000	4.2	2980	2500	550		4.53					75.6		11			4.53371	
26	4.92	2.48	2.48															2	9580	100000	4.9	2870	2430	550		4.3					113.4					4.30196	
27	4.50	2.48	2.48															2	9600	100000	5.5	2850	2410	540		3.59					81.9					3.593716	
28	4.62	2.48	2.48															2	9850	100000	4.8	2970	2550	500		4.03					75.6					4.035274	
29	4.49	2.48	2.48															2	9780	100000	5.7	2830	2520	510		3.71					113.4					3.717603	
30	4.68	2.48	2.48															2		100000	3.8			550		4.02					107.1					4.019858	
31																																					
Tot.	202.01	74.4	69.44						8.1		199		3	124				85													2331					170.323967	
Av.	6.73	2.48	2.48		7.4				8.1		199		3	124			3	2.833	9744.782	98668.687	5.427	2717.619	2267.143	511.3		5.671333				89.65384615	0.59	5	0.3	5.818	5.677485567		

RESIDENTIAL COMMERCIAL INDUSTRIAL FLOW CBOD TSS

INDUSTRIAL WASTE POPULATION EQUIVALENT

84129 40962 53083

Howard Jesse OPERATOR

26687 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: April 2022

Avg. Flow: 6.73

Date	Rainfall	Sludge Disposal in Gallons	Remarks
1		75600	
2		50400	
3		0	
4		75600	
5		113400	
6		119700	
7		113400	
8		151200	
9		94500	
10		0	
11		75600	
12		63000	
13		81900	
14		69300	
15		75600	
16		75600	
17		0	
18		37800	
19		69300	
20		75600	
21		113400	
22		113400	
23		119700	
24		0	
25		75600	
26		113400	
27		81900	
28		75600	
29		113400	
30		107100	
31		0	