



700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.587.0603 | Fax: 502.540.6106 | louisvillemsd.org

March 22, 2022

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for February 2022.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Hite Creek WQTC, for the month of February 2022.

There were no bypasses, overflows or exceedances.

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

Sincerely,

Staci Huber
Process Supervisor

SH/ Hite Creek. 2/22.

Cc: V. Teague
R. Shaw

80091	BOD, carb-5 day, 20 deg C, 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										
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	97.0						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
HCCoverletter.pdf	pdf	36818.0
HCMOR.pdf	pdf	151798.0

Report Last Saved By

Hite Creek WQTC MSD

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2022-03-23 13:33 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2022-03-23 13:34 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTP

COUNTY JEFFERSON

MONTH OF: February 2022

KPDES PERMIT NUMBER KY0022420

PLANT CAPACITY 4.4 MGD

RECEIVING STREAM HITE CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	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										
		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	GAU/DAY X 1000	MLSS X1000	WAST ED Gallons	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		NH3-N (mg/L)	Ecoli	Phosphorus mg/L	Total Nitrogen						
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS					% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000				
1	3.456			7.4	7.5												2.217	11890	67000	2.6	5360	4530	500											0.21		0.3	14.1		
2	4.252			7.4	7.5												2.307	10660	72000	2.1	4940	4340	450												0.47	1			
3	8.162			7.3	7.6												4.125	9350	75000	2.7	4150	3520	310												0.83	1			
4	7.804																4.52	12580	65000	2.5	4370	3690	350													1			
5	5.984																4.47		73000	3			350																
6	5.716																4.456		104000	2.2			350																
7	6.239			7.5	7.2												4.492	9920	83000	2.9	4990	4240	570																
8	5.907			7.6	7.5												4.53	8050	74000	2.4	4580	3980	520												0.22	1	0.3	8.29	
9	5.107			7.5	7.5												4.62		76000	3			520												0.2	1			
10	4.781																4.504	13620	70000	3	5050	4360	520												0.2	1			
11	4.41																4.514	8610	76000	2.8	5540	4760	520																
12	3.88																4.461		76000	2.9			500																
13	3.83																4.431		77000	3.1			510																
14	3.738																4.43	8560	75000	2.4	5420	4580	720																
15	3.622			7.5	7.3												4.405	9150	95700	2.8	5580	4850	720												0.22		0.3	10	
16	3.688			7.4	7.3												4.38	8860	80000	2.5	5260	4470	650													0.2	1		
17	6.557			7.2	7.4												4.513	9170	83000	2.3	5020	4110	670												1	1			
18	9.425																5.8	8990	105000	2.9	4900	4190	500													1			
19	7.32																4.4		103000	2.1			680																
20	5.825																4.4		107000	2.9			620																
21	5.721																4.378	9900	123000	2.5	5290	4300	700																
22	8.311			7.3	7.5												5.108	10000	112000	2.7	5270	4410	650												1.1		0.3	8.27	
23	8.84			7.4	7.6												6.491	10910	95000	2.4	4460	3650	430													0.25	1		
24	8.391			7.4	7.6												6.465	9740	95000	2.6	4740	4080	480													0.25	1		
25	10.59																6.447	11320	98000	3	4440	3800	480													5			
26	8.897																6.403		96000	2.3			460																
27	8.416																6.39		96000	2.4			480																
28	8.056																6.44	12130	85000	2.6	4640	3850	470																
29																																							
30																																							
31																																							
Tot.	176.9																134.1																						
Avg.	6.319			7.4	7.5												4.789	10169	87025	2.629	4947	4195	524.3												0.43	1	0.30	10.1650	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

60178 40040 42514

FLOW CBOD TSS

Curt Otto
OPERATOR

20265
CERT. NO.

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

502-540-6000
PLANT TELEPHONE