



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

September 9, 2022

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for August 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 August 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. 8/22.

Cc: V. Teague
K. Robinson
M. Saylor

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	=	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
HCCoverletter(1).pdf	pdf	36915.0
HCMOR.pdf	pdf	145726.0

Report Last Saved By

Hite Creek WQTC MSD

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2022-09-26 07:49 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2022-09-26 09:38 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTP
 KPDES PERMIT NUMBER KY0022420

COUNTY JEFFERSON
 PLANT CAPACITY 4.4 MGD

MONTH OF: August 2022
 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	RETURN			WASTE P	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLYSS (mg/L) x 1000	30 MIN.	60 MIN.	RAW			HAULED			NH3-N (mg/L)	E Coli	Phosphorus mg/L	Total Nitrogen
																		GAL/DAY x 1000	MLSS x 1000	MLYSS x 1000							GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS x 1000				
1	5.22			7.0	7.5						164	4	174	2	2.4	11190	74000	2.6	3520	2920	310											0.2		0.3	9.89	
2	4.39			7.0	7.3						118	3	160	3	2.35	8190	74000	2.8	4150	3410	300											0.2	1			
3	4.07			7.5	7.3						322	3	152	3	2.34	8510	74000	2	4210	3510	360											0.27	1			
4	4.03														2.33	9870	80000	2.5	5540	4520	300												1			
5	4.16														2.34	10750	75000	2.4	3380	2830	300															
6	4.34														2.34		75000	2.4			300															
7	4.11														2.32		73000	4.8			310															
8	4.08			7.3	7.3						256	3	320	4	2.34	11430	75000	2.3	4610	3790	310											0.2		0.3	7.4	
9	4.11			7.2	7.1						222	3	201	2	2.35	8380	73000	2.4	4110	3380	360											0.2	1			
10	4.14			7.4	7.7						66	3	135	3	2.39	9590	76000	2.6	4490	4010	340											0.2	1			
11	3.85														2.38	8540	83000	3.3	4040	3390	350												1			
12	3.75														2.38	7440	83000	2.4	5290	4330	320															
13	3.65														2.37		93000	2.7			320															
14	3.43														2.35		77000	2.7			290															
15	3.67			7.1	7.2						210	3	197	6	2.27	3040	75000	2.3	3730	3110	310											0.2		0.3	8.23	
16	3.44			7.7	7.4						178	4	195	2	2.32	5770	73000	2.1	4400	3680	320											0.34	1			
17	3.55			7.6	7.4						188	3	225	2	2.31	9550	75000	2.6	3460	2900	280											0.2	1			
18	3.5														2.32	6260	73000	2.6	3540	2930	280												1			
19	3.57														2.34	8210	73000	2.4	3960	3230	280															
20	3.74														2.32		76000	2.5			290															
21	3.24														2.3		72000	2.1			280															
22	3.43			7.5	7.5						213	3	210	3	2.29	8610	73000	2.3	3570	2970	300											0.2		0.3	14.4	
23	3.5			6.6	6.2						169	3	213	4	2.28	8090	75000	2.4	3780	3760	300											0.2	1			
24	3.16			7.1	7.5						132	3	213	7	2.57	6160	72000	2.5	3800	3080	300											0.34	1			
25	3.25														2.37	7240	75000	2.9	3980	3280	290												1			
26	3.41														2.34	7180	75000	2.7	3630	3070	300															
27	3.53														2.08		74000	2.2			280															
28	3.18														2.3		75000	3			300															
29	3.5														2.28	9840	75000	2	3980	3530	300															
30	4.47														2.31	12550	75000	2.4	4490	4410	300															
31	4														2.27	9620	75000	2.8	3720	3130	300															
Tot.	117														72.3																					
Avg.	3.79			7.3	7.3						8.1	187	3	200	3	2.33	8522.2	75677	2.57	4060	3442	306										0.23	1	0.30	9.980000	

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

36085 FLOW
 37099 CBOD
 28064 TSS

Scott Reed
 OPERATOR

25712
 CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-540-6000
 PLANT TELEPHONE