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December 12, 2022

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for November 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 November 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. 11/22.

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
HCCoverletter11_22.pdf	pdf	34437.0
HCMOR11_22.pdf	pdf	145583.0

Report Last Saved By

Hite Creek WQTC MSD

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2022-12-13 08:54 (Time Zone: -05:00)

Report Last Signed By

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2022-12-19 13:20 (Time Zone: -05:00)

NAME OF TREATMENT PLANT HITE CREEK WTP
 KPDES PERMIT NUMBER KY0022420

COUNTY JEFFERSON
 PLANT CAPACITY 4.4 MGD

MONTH OF: November 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	GAL/DAY X 1000	MLSS X 1000	Gallons	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW			HAULED			NH3-N (mg/L)	E Coli	Phosphorus mg/L	Total Nitrogen						
																								50 MIN.	30 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000										
																						RETURN	WAST																		
1	3.957			7.2	7.4			8.7			544		3	139		2	2.102	12420	68000	2.6	4410	3530	310													0.35		0.3	7.61		
2	3.721			7.4	7.8			8.9			120		3	186		2	2.09	10780	84000	2.7	4260	3400	310													0.2	1				
3	3.526			7.4	7.8			8.6			49		3	141		2	2.09	9750	73000	2.7	4340	3520	310													0.2	1				
4	3.546															2	2.19	6830	0	2	4660	3800	300													2					
5	3.408																2.12		75000	2.4			300																		
6	3.437																2.019		76000	2.5			290																		
7	3.541																1.941	7090	78000	3.2	4780	4030	310																		
8	3.06			7.4	7.2			8.0			464		3	172		5	1.8	7480	82000	2.2	4870	4020	320												0.2		0.3	9.1			
9	3.29			7.4	7.4			8.0			243		3	280		2	1.77	9350	82000	2.9	5510	4510	340												0.43	1					
10	3.36			7.3	7.6			8.7			70		3	50		2	1.964	12760	82000	2.8	5190	4310	310												0.28	1					
11	3.28																2.15	10260	82000	2.5	4600	3790	310													1					
12	3.741																2.13	10950	80000	2.8	4250	3380	340																		
13	3.13																2.17		70000	2.7			290																		
14	3.46																2.17	8990	75000	2.6	5000	4070	300																		
15	3.591			7.4	7.4			8.0			60		3	150		2	2.156	5320	70000	2.5	4830	3980	320												0.2		0.2	8.3			
16	3.517			7.6	7.3			8.8			152		3	203		2	2.073	8680	86000	2.8	4680	3820	310												0.25	1					
17	3.517			7.4	7.4			8.6			58		3	139		2	2.084	11580	68000	2.6	4790	3930	300												0.42	1					
18	3.466																2.102		73000	2.3			300												1						
19	3.45																2.08	10080	69000	3	5020	4120	320																		
20	3.12																2.13		70992	2.5			320																		
21	3.52																1.94	7850	76662	2.1	3750	6830	350																		
22	3.45			7.2	7.2			8.0			632		7	158		3	1.83	9790	74903	1.8	4030	3360	320											0.24		0.3	17.4				
23	3.43																2.19	11190	73276	2.7	4910	4090	300												1						
24	3.1																2.15		77768	2.2			310																		
25	2.907																2.12		70848	2.4			300																		
26	2.909																2.11		70921	2.6			300																		
27	6.989			7.3	7.5			8.5			156		7	142		4	2.128		76588	2.6			300											0.2							
28	3.73			7.3	7.1			8.0			70		7	145		5	2.1		73000	2.6			280											0.2	1						
29	3.608																2.122	12190	60700	2.5	5780	4990	250												7						
30	4.091																2.13	11770	66000	2.2	4430	3870	270																		
31																																									
Tot.	106.9																62.15																								
Avg.	3.562			7.4	7.4			8.4			218		4	159		3	2.072	9755.5	72155.3	2.533	4705	4068	306.3												0.26	1	0.28	10.602500			

RESIDENTIAL FLOW 33921 INDUSTRIAL WASTE POPULATION EQUIVALENT 27739 COMMERCIAL CBOOD 30960 INDUSTRIAL TSS 30860 OPERATOR Scott Reed CERT. NO. 25712

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

502-540-6000 PLANT TELEPHONE