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May 14, 2022

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for April 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 April 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. 4/22.

Cc: V. Teague
K. Robinson
M. Saylor

80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample	=	97.0						23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.	>=	85.0 MO AV MN					23 - %	1	01/30 - Monthly	CA - CALCTD
					Value NODI										
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	95.0						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
April22CoverletterHC.pdf	pdf	33757.0
HCMOR422.pdf	pdf	149319.0

Report Last Saved By

Hite Creek WQTC MSD

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2022-05-16 08:21 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2022-05-18 12:42 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTP COUNTY JEFFERSON MONTH OF: April 2022
 KPDES PERMIT NUMBER KY0022420 PLANT CAPACITY 4.4 MGD RECEIVING STREAM HITE CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	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					
		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	MLVSS X 1000	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				
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS					% VOLATILE SOLIDS	GALLONS WITHDRAWN X 1000		
1	3.385																5.605	3830			2680	2390	350		75000												
2	3.47																5.622							450	60000												
3	3.301			7.4	7.0				9.1	190	16	195	2	3.89									250	0						0.74	0.643	11.1					
4	3.142			7.6	7.9				9.4	214	9	208	5	2.607	8230						3040	2660	270	0					0.97	6							
5	3.593			7.1	7.5				9.6					3.909	7770						3020	2600	280	0						78							
6	5.541									110	22	153	16	5.52	5510						3150	2790	350		65000				2.6								
7	5.466													5.201	4990						2960	2610	400		61000					73							
8	4.454													5.115	4900						2960	2610	400		74000												
9	4.263													5.04									310	73000													
10	3.92			7.5	7.4				9.5	112	4	175	5	5.03							3410	2810	500		71000				0.2	0.488	9.49						
11	4.207			7.6	7.6				9.3	188	3	174	4	4.945	7370						4030	3640	450		67000				0.27	1							
12	4.539			7.6	7.6				9.6	190	5	132	3	4.96	5550						4190	3680	450		72000				0.28	15							
13	6.334													5.03	7310						4290	3810	400		80000					2							
14	9.439													4.94	10050						3780	3330	340		75000												
15	6.39													4.96	9760						4540	4000	490		70000												
16	5.82													4.97									470	70000													
17	4.73			7.6	7.7				9.1	162	3	189	2	4.918									480	70000					0.2	0.3	7.62						
18	4.701			7.4	7.5				9.3	100	3	126	2	4.878	8890						4840	4200	620		85000				0.22	1							
19	4.705			7.5	7.5				9.6	164	3	187	7	4.889	9720						4620	3970	490		75000				0.22	1							
20	4.271													4.875	8780						5490	4720	600		77000					1							
21	4.55													4.78	10070						4710	4080	550		74000												
22	4.493													4.775	8700						4940	4310	550		75000												
23	4.266													4.566									400	77000													
24	3.93			7.2	7.4				9.1	140	7	242	9	5.2									550	77000					0.22	0.448	10.6						
25	4.05			7.1	7.1				9.0	162	5	193	2	4.92	9110						5120	4900	500		75000				0.36	1							
26	3.79			7.3	7.2				9.0	204	14	158	6	4.77	7590						5620	4950	500		80000				0.2	11							
27	3.79			7.4	6.8				8.9					4.1	6150						4180	3700	350		80000												
28	8.18													2.76	9880						4220	3720	420		80000					1							
29	3.49													2.77	8840						4980	4190	500		80000												
30	3.78													2.71									480	80000													
31																																					
Tot.	140																								1998000												
Avg.	4.666			7.4	7.4				9.3	161	8	178	5	4.609	7761.9						4126	3621	438.3		66600				0.54	4	0.47	9.702500					

RESIDENTIAL FLOW 44441 INDUSTRIAL WASTE POPULATION EQUIVALENT 40672 COMMERCIAL FLOW 29898 TSS 25539 OPERATOR Isaac Gleason CERT. NO. INDUSTRIAL FLOW 0 CBOD 0 TSS 502-540-6000 PLANT TELEPHONE

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