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July 15, 2021

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for June 2021.**

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 June 2021.

Also attached is 2nd quarter biomonitoring.

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. 06/21.

Cc: V. Teague
R. Shaw

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 - %	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	33763.0
HCMOR.pdf	pdf	143023.0

Report Last Saved By

Hite Creek WQTC MSD

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2021-07-15 10:11 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2021-07-16 08:01 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTP

COUNTY JEFFERSON

MONTH OF: June 2021

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	RETURN		WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L)	MLVSS (mg/L)	SETTLED SLUDGE VOLUME		RAW		HAULED		NH3-N (mg/L)	E Coli	Phosphorus mg/L	Total Nitrogen				
																		MGD/DAY	MLSS (mg/L)					MLSS GAL	30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS					% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000	
1	3.415			7.1	7.4						428	7	181			5	2.107	11310	69300	2.5	5130	4220	420										0.95		0.38	16.8	
2	4.752			7.2	7.5						150	7	135			3	2.143	10910	65000	3	4120	3340	360										0.2	64			
3	4.804			7.0	7.3						55	6	89			3	2.665	11260	75700	2.9	4090	3230	340										2.6	5			
4	4.942			7.1													4.251	8660	67000	3	4450	3760	330											1			
5	4.142																4.268		62600	3.1			340														
6	4.398																3.219		68500	3.1			410														
7	3.21																2.225		64500	o/s			400														
8	3.977			7.2	7.2						237	9	170			5	2.241	5730	45300	1	2520	2070	160									0.2		0.457	15.1		
9	4.3			7.1	7.2						310	9	177			4	2.208	7070	68200	2	2630	2360	200										0.2	12			
10	4.843			7.2	7.3						170	7	174			3	2.236	7570	53300	2.1	2770	2280	200									0.24	1				
11	4.415																2.219	8130	55700	2.8	3080	2560	210											16			
12	3.651																2.186	8260	60800	2.4	2880	2500	190														
13	3.561																2.225	6760	60500	2.6	4480	3740	220														
14	3.286			7.2													2.212	7750	59000	2.6	3590	2890	210														
15	3.073			7.3	7.5						200	4	151			7	2.183	6820	64000	6.2	3490	2800	230										0.2		0.3	17.6	
16	3.016			7.2	7.4						156	5	129			3	2.19	9310	64000	5.7	3710	2970	230										0.2	1			
17	3.131				7.4						375	4	256			3	2.186	6630	65000	2.4	4200	3330	230									0.23	1				
18	3.321																2.182	8950	65000	2.6	4280	3430	230												5		
19	3.277																2.174		77600	4.4			230														
20	3.269																2.161		73000	4.4			230														
21	3.512																2.176	7650	62600	2.5	3560	2780	230														
22	3.438			7.3	7.6						164	5	148			7	2.168	9210	73000	3.3	3190	2520	230										0.38		0.321	16.1	
23	3.26			7.5	7.4						214	4	160			3	2.098	9530	66000	2.2	4210	3210	240										0.2	2			
24	3.272			7.1	7.3						182	4	134			2	2.118	8470	74500	2.6	3850	3020	240										0.2	3			
25	3.419																2.198	9010	73500	2.8	4160	3290	240												11		
26	3.495																2.179		95000	3.3			240														
27	3.156																2.187		92000	3			250														
28	3.327																2.211	9370	91100	3.4	4490	3600	250														
29	3.207																1.967	5260	86400	3.1	6400	5020	250														
30	3.382																2.238	8130	92600	2.1	4120	3290	280														
31																																					
Tot.	110.3																71.02																				
Avg.	3.675			7.2	7.4						9.2		220		6	159		4	2.367	8337	69690	3.003	3887	3140	260.7									0.48	4	0.36	16.40

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

35000 28606 32121
FLOW CBOD TSS

Curtis E. Otto
OPERATOR

20265
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502.540.6000

PLANT TELEPHONE