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Phone: 502.587.0603 | Fax: 502.540.6106 | louisvillemsd.org

August 16, 2022

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for July 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 July 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. 7/22.

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	=	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	35800.0
HCMOR.pdf	pdf	153086.0

Report Last Saved By

Hite Creek WQTC MSD

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2022-08-17 09:55 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2022-08-17 10:09 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTP COUNTY JEFFERSON MONTH OF: July 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	DISOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000	NH3-N (mg/L)	E Coli	Phosphorus mg/L	Total Nitrogen									
																																				RETURN	WAST ED	RAW	HAULED					
1	3.514																2.309	7400	75000	2.8	4320	3510	300																					
2	3.399																2.342		76000	2.3				300																				
3	3.854																2.34		74000	2.3				310																				
4	3.45			7.2	7.4					8.2	60	3	150	2	2.31	10400	74000	2	4430	3630	320														0.2		0.3		1.2					
5	2.88			7.3	7.5					8.3	88	3	164	3	2.305	7980	75000	2.7	5080	4090	320													0.2		1								
6	3.32			7.4	7.5					8.0	96	3	162	3	2.3	6490	75000	2.4	5710	4690	250												0.27		4									
7	3.362															2.291	9030	78000	2.7	5110	4100	320																						
8	4.87															2.33	6570	75000	2.4	4780	3820	300																						
9	4.87															2.36		74000	2.6				350																					
10	3.53			7.4	7.5					8.3	130	3	116	2	2.24		75000	2.5				350											0.26		0.3					1.5				
11	2.994			7.4	7.6					8.0	84	3	111	2	2.2	9530	75000	2.7	3360	3050	340												0.2		1									
12	3.442			7.3	7.6					8.0	308	3	175	1	2.18	8570	91000	2.4	4630	3830	330												0.22		1									
13	3.527															2.201	9610	72000	2.7	4710	4210	320																						
14	3.264															2.186	7300	80000	2.7	3970	3230	300																						
15	2.982															2.189	6690	75800	2.8	4480	3650	320																						
16	3.061															2.188		76000	2.3				320																					
17	3.39			7.2	7.4					8.1	243	6	256	7	2.19		70000	2.2				300																						
18	2.173			7.4	7.5					8.0	134	8	156	3	2.17		70000	2				310											0.55		0.3						1.9			
19	2.695			7.4	7.6					8.4	187	3	196	3	2.695	7190	73000	2.5	3560	2900	300												0.2		6									
20	3.77															3.777	5180	74000	2.7	2470	2120	200																						
21	3.86															2.95	6480	89000	2.2	4130	3880	310																						
22	2.98															2.438	8350	78000	2.2	3600	3070	290																						
23	2.99															2.426		75330	2.7				210																					
24	3.418			7.3	7.6					8.0	58	5	190	5	2.449		7563	2.6				280											0.54		0.3							2.3		
25	3.9			7.4	7.5					8.0	272	3	229	2	2.44	11610	80000	3.7	4220	3490	320												0.25		1									
26	4.65			7.6	7.6					8.0	128	3	166	2	2.5	7380	75000	2.2	5060	4150	310												0.25		1									
27	4.557															2.5	6300	66000	2.7	5090	4180	290																						
28	4.355															2.49	7040	75000	2.3	5840	4800	250																						
29	4.436															2.5	10040	72000	2.6	4070	3370	300																						
30	3.939															2.497		71000	4.7				310																					
31	6.01															2.49		72000	2.9				310																					
Tot.	113.4															74.78																												
Avg.	3.659			7.4	7.5					8.1	149	4	173	3	2.412	7957	73183.65	2.597	4431	3689	301.3												0.28		2		0.30					1.725000		

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

RESIDENTIAL FLOW 34845 INDUSTRIAL FLOW 30978 INDUSTRIAL WASTE POPULATION EQUIVALENT CBOD 21651 TSS 25712
 Scott Reed OPERATOR CERT. NO. 25712
 502-540-6000 PLANT TELEPHONE