



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

September 15 2021

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

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

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. 08/21.

Cc: V. Teague
R. Shaw

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	=	99.0						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
HCCoverletter082021.pdf	pdf	35755.0
HCMOR082021.pdf	pdf	153674.0

Report Last Saved By

Hite Creek WQTC MSD

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2021-09-16 09:40 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2021-09-16 09:53 (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 2021
 RECEIVING STREAM HITE CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		SETTLEABLE 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) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		RAW			HAULED			NH3-N (mg/L)	Ecoli	Phosphorus mg/L	Total Nitrogen
																		GAL/DAY x 1000	MLSS x 1000					30 MIN.	60 MIN.	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS x 1000				
1	2.921			7.0	7.3					8.7			313		3	176	3	2.12		64300	2		180									0.26		0.3	19
2	3.11			7.0	7.3					8.6			132		3	122	2	2.165	7640	60600	2.8	4290	3470	250							0.2	1			
3	3.22			7.0	7.3					9.0			404		3	169	2	2.057	8670	71700	2.8	5280	4240	300							0.2	53			
4	3.039																	2.057	8680	72200	2.6	5100	4060	260								1			
5	2.831																	1.87	8910	72500	2.9	5210	4180	280											
6	3.366																	1.974	9360	72610	2.2	5080	4070	280											
7	3.328																	1.947	13350	71663	2.1	5140	4120	290											
8	3.009			7.2	7.2					8.7			216		3	149	2	1.953	7640	74801	2.4	5390	4310	260							0.33		0.3	19.6	
9	3.678			7.4	7.3					8.7			374		3	189	2	1.992	8930	73900	2.3	4610	3610	290							0.35	1			
10	3.761			7.2	7.3					8.6			310		3	204	6	2.047	12300	74700	3	5000	4050	260							0.2	1			
11	3.6																	1.992	9200	74000	2.4	5110	4290	250							1				
12	3.522																	2.043	9750	80000	2.6	4920	4100	250											
13	3.369																	2.061	10760	72700	2.5	5320	4340	250											
14	3.423																	2.053	6220	69700	1.8			260											
15	3.088			7.0	7.3					8.8			234		5	145	2	1.955		71500	2.5	4170	3340	250							0.39		0.3	12.6	
16	3.42			7.2	7.2					8.9			84		5	151	2	1.915	7450	72500	2.9	4240	3390	260							0.44	2			
17	3.466			7.1	7.3					8.7			176		3	150	3	2.035	8120	78900	2.3	3970	3130	250							0.2	18			
18	3.384																	2.007	10530	85100	2.5	5020	4070	240							1				
19	4.112																	2.072	12760	74800	2.4	5270	4340	220											
20	3.486																	2.056	13080	78900	2.2	4830	3910	220											
21	3.671																	2.043		81600	2.3			220											
22	3.18			7.1	7.3					8.8			270		3	152	2	2.043	6110	79800	2.5	4540	3760	220							0.67		0.3	21.3	
23	3.438			7.0	7.2					9.0			384		5	163	2	1.908	10950	83000	2	5110	4290	220							0.23	286			
24	3.418			7.1	7.3					9.0			394		3	163	3	2.159	7580	76100	3.1	5010	4100	220							0.23	1			
25	3.308																	1.892	6780	72000	2.9	5100	4210	240							1				
26	3.262																	1.76	10320	72400	2.9	5400	4440	200											
27	3.839																	1.823	10010	76000	2.7	5100	4290	220											
28	4.078																	1.854	99970	72000	2.5	5320	4480	230											
29	3.517																	1.863	9740	64500	2.4	4910	4100	230											
30	4.51																	2.082	10260	71000	2.5	4600	3820	220											
31	5.589																	2.465	11410	76000	2.1	4521	3710	220											
Tot.	108.9																	62.26																	
Avg.	3.514			7.1	7.3					8.8			274		4	161	3	2.008	12731	74080	2.487	4913	4008	243.2							0.31	3	0.30	####	

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

33469 27772 38276

FLOW CBOD TSS

Curt Otto

OPERATOR

20265

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502.540.6000

PLANT TELEPHONE