



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

December 21, 2021

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for November 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 November 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. 11/21.

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	=	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
HCCoverletter.pdf	pdf	36637.0
HCMOR.pdf	pdf	140175.0

Report Last Saved By

Hite Creek WQTC MSD

User: staci.huber@louisvillemmsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemmsd.org
 Date/Time: 2021-12-22 09:08 (Time Zone: -05:00)

Report Last Signed By

User: staci.huber@louisvillemmsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemmsd.org
 Date/Time: 2021-12-22 09:08 (Time Zone: -05:00)

NAME OF TREATMENT PLANT HITE CREEK WTP

COUNTY JEFFERSON

MONTH OF: November 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		WASTE	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					30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000									
																																				GALLONS X 1000				
1	4.864			7.2	7.5					9.4		160		3	128	3	2.29	12500	62000	2.8	4650	3830	260										0.2		0.3	11.5				
2	4.347			7.5	7.7					9.4		52		10	146	3	2.23	7720	60000	2.6	4550	3910	250											0.2	14					
3	4.022			7.4	7.6					9.4		136		3	150	5	2.20	9270	77000	2.6	3350	2810	240											0.2	1					
4	4.036																2.16	12670	66000	2.8	4000	3550	260												1					
5	3.95																2.22	6470	74000	1.8	4250	3510	240																	
6	3.742																2.24		64000	2.8			250																	
7	3.913																2.29		65000	2.8			250																	
8	3.91			7.2	7.3					9.5		192		3	166	3	2.31	9090	70000	2.4	4320	3590	270												0.3		3.55			
9	3.865			7.3	7.6					9.3		300		3	210	3	2.30	9080	70000	2.8	6350	5200	250												0.2	1				
10	4.182			7.2	7.6					9.0		196		3	207	3	2.27	11390	65000	2.4	4280	3470	260												0.2	1				
11	4.497			7.3	7.5					9.1							2.33	6910	61000	2.5	4460	3970	270													0.2	2			
12	4.301																2.36	10660	91000	2.7	4320	3910	260																	
13	3.929																2.32		75000	1.6			250																	
14	3.949			7.2	7.3					9.2							2.32			2.3			250																	
15	3.885			7.4	7.7					9.1		244		3	118	2	2.34	12210	60000	2.7	4510	3690	280												0.2		0.3	14.6		
16	3.796			7.4	7.3					8.7		150		3	116	3	2.33	12280	60000	4.7	4600	3790	290												0.2	1				
17	4.721											80		3	98	2	2.33	9580	60000	2.7	4430	3700	280													0.2	1			
18	4.312																2.34	12120	73000	1.3	4920	4060	280														0.2	1		
19	4.209																2.33	11980	74000	4.2	4660	3850	270																	
20	4.853																2.35		60000	2.2			280																	
21	5.074			7.2	7.5					9.0							2.36	9950	66000	1.1			260																	
22	4.535			7.5	7.4					9.2		44		3	87	2	2.34		65000	5.8	4710	3930	270													0.2		0.3	15.7	
23	4.48			7.5	7.6					9.2		58		3	96	2	2.31	9900	71000	2.3	4520	4010	300													0.2	1			
24	4.48																2.33	9740	74000	2.5	4790	3980	300																	
25	4.48																2.30	8590	60000	1.9	4710	3920	300																	
26	4.48																2.39	9050	60000	1.7	4520	3780	280																	
27	4.48																2.34	8120	70500	1.8	4460	3830	260																	
28	4.48																2.33	9000	70000	1.7	4100	3610	250														0.2	22		
29	4.185																2.29	11510	66500	3.2	4710	3860	350																	
30	4.022									9.0							2.36	12110		2.4	4590	3800	360																	
31																																								
Tot.	128																69.21																				0.20	2		
Avq.	4.266			7.3	7.5					9.2		154		4	142	3	2.307	10079	67500	2.57	4532	3815	272.3																	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
40627 FLOW
29683 CBOD
26118 TSS

Curtis E Otto
OPERATOR

202645
CERT. NO.

502-540-6000
PLANT TELEPHONE

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