



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

December 11, 2020

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

**RE: Hite Creek WQTC, KPDES No: KY0022420  
Discharge Monitoring Report for November 2020.**

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 2020.

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. 11/20.

Cc: V. Teague  
R. Shaw



80091	<b>BOD, carb-5 day, 20 deg C, percent removal</b>	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	<b>Solids, suspended percent removal</b>	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
HCCoverletter112020.pdf	pdf	31505.0
HCMOR.pdf	pdf	136044.0

**Report Last Saved By**

**Hite Creek WQTC MSD**

User: staci.huber@louisvillemmsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemmsd.org  
 Date/Time: 2020-12-16 13:25 (Time Zone: -05:00)

**Report Last Signed By**

User: staci.huber@louisvillemmsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemmsd.org  
 Date/Time: 2020-12-16 13:25 (Time Zone: -05:00)

NAME OF TREATMENT PLANT HITE CREEK WTP  
 KPDES PERMIT NUMBER KY0022420

COUNTY JEFFERSON  
 PLANT CAPACITY 4.4 MGD

MONTH OF: November 2020  
 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	RETURN		MLSS GAL WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L)	MLVSS (mg/L)	SETTLED SLUDGE VOLUME		RAW			HAULED		NH3-N (mg/L)	Ecoli	Phosphorus mg/L	Total Nitrogen	
																		MGD/DAY	MLSS (mg/L)					30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS					WITHDRAWN GALLONS
1	4.446			7.2	7.7							134		4	113		2	2.2	11990	65900	3.7	4230	3290	310								0	0.39	0.526	14.7
2	4.001			7.5	7.3							168		6	132		2	2.2	12200	65900	3.2	4020	3120	270							56700	0.46	120		
3	3.677			7.3	7.2							228		4	147		2	2.2	12600	65900	3.9	4130	3400	270						63000	0.37	1			
4	4.357																2.2	12040	65900	3.5	4190	3420	270						63000		4				
5	3.621																2.2	14110	65900	3	4590	3510	300						24400						
6	3.504																2.2	13760	65900	2.9	4620	3590	300						0						
7	3.509																2.2		65900	3.1			290					37800							
8	3.185			7.0	7.4							142		8	122		2	2.2		65900	3			270				0	1.3		0.614	17.3			
9	3.346			7.2	7.2							196		8	233		4	2.2	11110	65900	3.8	5500	4170	300				63000	0.2	2					
10	3.442			7.2	7.4							142		8	139		4	2.2	12410	65900	4	4960	3720	290				25200	1.1	6					
11	3.848																2.2	12290	65900	3.8	4890	3600	300				63000		5						
12	3.438																2.2	12110	65900	3.1	5120	4010	280				0								
13	4.355																2.2	11970	65900	3.1	4790	3990	280				0								
14	3.573																2.2		65900	3.7			290				69300								
15	4.215			7.4	7.3							160		9	152		4	2.2		65900	3.2			290				0	0.77		0.58	18.2			
16	3.863			7.3	7.2							89		10	159		3	2.2	10970	65900	3.3	4290	3610	250				2.1	63000	0.2	1				
17	3.624			7.2	7.2							113		6	151		3	2.2	12240	65900	3.7	4020	3790	250				63000	0.23	45					
18	3.469																2.2	11460	65900	3.9	4170	3820	250				88200		11						
19	3.472																2.2	10420	65900	4	4310	3400	250				113400								
20	3.331																2.2	11310	65900	4	4140	3270	250				75600								
21	3.489																2.2	12110	65900	4.1	4260	3600	250				37800								
22	3.458			7.0								206		8	169		3	2.2	11650	65900	4.2	4110	3340	250				0	0.98		1.11	18.1			
23	3.468			7.1	7.4							234		9	173		3	2.2	12440	65900	4.6	3950	3160	250				44100	0.23	8					
24	3.477			7.0	7.2							91		6	174		3	2.2	11790	65900	4.4	4290	3380	260				0	0.2	144					
25	5.447				7.3												2.2	11960	65900	4.5	4160	3210	250				1.9	0		10					
26	5.368																2.2		65900	4.4			250				0								
27	3.916																2.2		65900	4.6			260				0								
28	3.968																2.2		65900	4.7			300				0								
29	3.679																2.2		65900	3.7			300				0								
30	5.92																2.2	13210	65900	3.5	4180	3190	270				0								
31																																			
Tot.	116.5																66											950500							
Avg.	3.882			7.2	7.3							159		7	155		3	2.2	12098	65900	3.753	4405	3527	273.3				2	31683.3	0.54	9	0.71	17.08		

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

36973

29584

24450

Curtis E. Otto

20265

INDUSTRIAL

FLOW

CBOD

TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS

0

X

4

=

0

SEWERED POPULATION

502.540.6000

PLANT TELEPHONE