



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

January 10, 2023

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

**RE: Hite Creek WQTC, KPDES No: KY0022420  
Discharge Monitoring Report for December 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 December 2022.

Also, attached is 4<sup>th</sup> 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. 12/22.

Cc: V. Teague  
K. Robinson  
M. Saylor



80091	<b>BOD, carb-5 day, 20 deg C, percent removal</b>	K - Percent Removal	0	--	Sample	=	96.0						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	=	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
HCCoverletter2.pdf	pdf	36950.0
HCMOR1222.pdf	pdf	131636.0

**Report Last Saved By**

**Hite Creek WQTC MSD**

User: kevin.thompson@louisvillemsd.org  
 Name: Kevin Thompson  
 E-Mail: kevin.thompson@louisvillemsd.org  
 Date/Time: 2023-01-23 09:22 (Time Zone: -05:00)

**Report Last Signed By**

User: staci.huber@louisvillemsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemsd.org  
 Date/Time: 2023-01-23 09:34 (Time Zone: -05:00)

NAME OF TREATMENT PLANT HITE CREEK WTP  
 KPDES PERMIT NUMBER KY0022420

COUNTY JEFFERSON  
 PLANT CAPACITY 4.4 MGD

MONTH OF: December 2022  
 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		WASTE P	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		NH3-N (mg/L)	E Coli	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	3.53			7.3	7.4					8.9			1550			9	147		4	2.14	12900	72000	2.8	4200	3360	290										0.2		0.3
2	3.53																			2.12	9050	74000	2.8	4780	4070	260										1		
3	3.78																			2.15		74000	2			280												
4	3.49			7.2									856		4	187		6	2.13		85000	2.6			270										0.2		15.8	
5	3.57			7.0	7.5					8.8			198		4	189		5	2.03	9810	67562	1.8	4520	3950	270										0.2	6		
6	3.68				7.8					8.5									1.68		69474	2.5			270											10		
7	5.39																		2.17	12570	76000	2.1	4400	3750	270													
8	4.16			7.0	7.3					8.7			1040		10	174		8	2.32	7620	76000	2.5	4610	3940	270										0.2		0.42	
9	4.66			7.8															4.02	12470	75000	2.6	2700		270										94			
10	4.5																		4.52		75000	2.7			200													
11	3.89			7.2	7.8					8.6			100		28	130		7	4.48		75000	2.7			220									0.37	3		10.1	
12	3.62				7.8					8.5			358		21	184		7	3.21	6880	75000	2.4	3330	2800	240									0.27	1			
13	3.14																		4.48	4780	72000	2.6	3450	2920	230													
14	4.88																		4.5	6990	47000	2.1	3840	3250	250													
15	6.35			8.0	7.6					8.4			96		10	98		5	4.48	13990	62000	2.4	4640	3820	250									0.24		0.41	7.37	
16	4.58																		4.45	12810	87000	2.8	4350	3630	280										1			
17	4.44																		4.47	8990	75000	2.5	6270	5300	270													
18	3.83			7.6	7.2					8.2			174		9	179		6	4.47		84000	2.7			270										0.2		8.57	
19	3.84			7.4	7.3					8.2			184		30	108		7	4.5	6340	79000	2.4	4240	3690	250									0.37	28			
20	4.04																		3.37	5340	75000	2.2	3110	2680	250										921			
21	3.82																		2.02	10820	101000	2.8	4240	3690	260													
22	3.39			7.2	7.3					8.0			104		12	189		5	2.25	5670	76000	2	4140	3570	260										0.65			
23	4.26																		2.59	7340	81000	2.5	4960	4260	250										11			
24	3.22																		2.56		72000	2.6			250													
25	2.79																		2.41	6860	73000	4	5410	4590	290													
26	3.37			7.3	7.3					8.0			863		7	146		4	2.51	9350	73000	2.7	6140	4500	300										0.54		0.47	10.2
27	3.34			7.2	7.2					8.0			150		11	134		10	3.04	9130	74000	2.7	7730	6600	490									0.54	1			
28	3.93																		3.33	7482	74000	2.3	4860	4320	340										22			
29	4.1																		3.61	9480	75000	4.1	4820	4060	350													
30	4.14																		3.66	12480	86000	2.7	5660	4760	350													
31	5.09																		4.07	9846	75000	2.5	6850	5310	340													
Tot.	124																		99.8																			
Avg.	4.01			7.4	7.5					8.4			473		13	155		6	3.22	9124.9	75324	2.58	4719	4036	279									0.33	8	0.40	10.408000	

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
38200 FLOW  
30582 CBOD  
75306 TSS

Scott Reed  
 OPERATOR

25712  
 CERT. NO.

502-540-6000  
 PLANT TELEPHONE

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