



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

May 16, 2023

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

**RE: Hite Creek WQTC, KPDES No: KY0022420  
Discharge Monitoring Report for April 2023.**

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 April 2023.

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. 4/23.

Cc: V. Teague  
K. Robinson  
M. Saylor



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	=	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	35095.0
HCMOR.pdf	pdf	137368.0

**Report Last Saved By**

**Hite Creek WQTC MSD**

User: staci.huber@louisvillemmsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemmsd.org  
 Date/Time: 2023-05-16 08:27 (Time Zone: -04:00)

**Report Last Signed By**

User: staci.huber@louisvillemmsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemmsd.org  
 Date/Time: 2023-05-16 09:54 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTP COUNTY JEFFERSON MONTH OF: April 2023  
 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		WAST ED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		RAW		HAUL ED		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	8.565																5.089	9680	90000	2.1	4090	3490	410																			
2	6.096			7.3	7.5			10.0		220		4	142	3	5.089	9120	90000	1.9	4190	3640	420													0.4		0.3		5.25				
3	5.629			7.3	7.5			10.0		142		3	148	3	5.078	9730	90000	2.2	4800	4010	450												0.31		1							
4	5.298			7.4	7.4			10.0		128		3	99	3	5.08	8140	90000	2	3440	2910	420												0.26		1							
5	5.543																5.089	6590	90000	2.2	3630	3000	410												2							
6	5.729																5.083	6430	90000	1.7	4240	3580	420																			
7	5.224																5.04	6100	90000	2.8	4370	3710	430																			
8	5.067																5.04	6230	91000	2.4	3970	3380	400																			
9	4.491			7.4	7.4			10.0		82		3	145	3	5.12	7010	114000	2	4330	3680	400													0.33			0.3		6.61			
10	4.34			7.4	7.2			10.0		232		3	182	3	5.19	7930	81000	2.4	3730	3170	450													0.2		13						
11	4.33			7.4	7.3			10.0		206		3	161	3	5.21	6990	81000	2.3	3670	2940	420													0.2		15						
12	4.612																5.2	6720	90000	1.7	5110	4300	440														7					
13	4.478																5.191	3120	90000	2.3	3820	3170	400																			
14	4.309																5.155	6610	100000	2.1	4230	3580	460																			
15	4.415																3.861	5570	91000	1.5	3940	3310	460																			
16	4.115			7.4	7.4			10.0		194		3	156	3	2.79	10530	90000	2.6	5570	4330	420														0.25			0.3		8.14		
17	4.283			7.4	7.4			10.0		140		3	200	4	2.78	10150	90000	1.6	4190	3530	470														0.24		1					
18	4.037			7.3	7.3			10.0		162		3	150	3	2.79	7860	90000	2.3	4350	3670	430														0.29		69					
19	4.246																2.914	8370	90000	2.6	3680	3100	400														55					
20	4.08																3.986	2440	0	1.7	2190	1870	400																			
21	4.11																5.304	2270	0	1.9	1580	1330	400																			
22	5.047							10.0									5.047	4460	48000	2.3	2100	1790	240																			
23	3.956			7.3	7.5			10.0		196		3	151	3	5.23	4370	65000	1.7	2700	2210	280															0.2		7	0.3		7.47	
24	4.114			7.3	7.6					218		6	132	3	5.16	5000	60000	2.4	3080	2640	350															0.25		7				
25	4.021			7.5	7.5			10.0									5.023	7100	65000	2.1	2910	2530	310																			
26	3.867									154		8	127	4	5.06	4290	60000	2.2	3190	2720	330																0.34					
27	4.049																5.08	3790	40000	1.6	3800	3470	250																			
28	5.714																5.151	6360	51000	2.6	3810	3470	300																			
29	4.57																5.24	5430	0	2.4	3480	3010	300																			
30	4.323																5.2	5850	50000	5.2	4540	3650	350																			
31																																										
Tot.	142.7																142.3																									
Avg.	4.755			7.4	7.4			10.0		173		4	149	3	4.742	6474.7	72233	2.227	3758	3173	387.3																0.27		7	0.30		6.867500

RESIDENTIAL  
COMMERCIAL  
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
45289  
FLOW  
34857  
CBOD  
32641  
TSS

Scott Reed  
OPERATOR

25712  
CERT. NO.

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

502-540-6000  
PLANT TELEPHONE