



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

June 5, 2023

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for May 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 May 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. 5/23.

Cc: V. Teague
K. Robinson
M. Saylor

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	=	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
HCMOR.pdf	pdf	137368.0
HCCoverletter.pdf	pdf	41747.0

Report Last Saved By

Hite Creek WQTC MSD

User: staci.huber@louisvillemmsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemmsd.org
 Date/Time: 2023-06-20 09:30 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemmsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemmsd.org
 Date/Time: 2023-06-20 09:31 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTP
 KPDES PERMIT NUMBER KY0022420

COUNTY JEFFERSON
 PLANT CAPACITY 4.4 MGD

MONTH OF: April 2023
 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	DISOLVED 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