



Safe, clean waterways

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

July 13, 2023

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

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

Also attached is 2nd 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. 6/23.

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	140911.0
HCCover.pdf	pdf	33937.0

Report Last Saved By

Hite Creek WQTC MSD

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2023-07-14 12:36 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2023-07-14 12:46 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTP COUNTY JEFFERSON MONTH OF: June 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	GAL/DAY X 1000	MLSS X 1000	WAST F/D	Gallons	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	30 MIN. SLUDGE VOLUME	60 MIN.	RAW			HAULED			NH3-N (mg/L)	E Coli	Phosphorus mg/L	Total Nitrogen
																											GALLONS X 1000	DRY SOLIDS	VOLATILE SOLIDS	DRY SOLIDS	VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000				
1	3.623			7.4	7.5			9.6			134	3	188			3	1.353	10830	65000		2560	2150	210									0.27		0.3		
2	3.47																1.34	7750	75000		2540	2070	220										2			
3	3.65																1.33	8720	76000		3160	2690	240													
4	3.22				7.4			9.2			168	6	288			4	1.33	6670	75000		3040	2590	200									0.44			1.8	
5	3.59			7.2	7.6			9.4			82	3	208			2	1.32	7680	75000		3210	2700	220									0.2	4			
6	3.4			7.5													1.88	8750	75000		5600	4670	230									1				
7	4.08																1.95	6220	90000		3060	2530	230													
8	3.872			7.2	7.4			9.7			170	3	180			3	1.804	9660	85000		3210	2680	240								0.24		0.3			
9	3.83																1.794	7170	95000		3090	2510	240									1				
10	3.547																1.793	9570	90000		3270	2810	240													
11	3.295			6.9	7.4			9.6			86	3	150			2	1.812	5430	80000		3410	2860	230								0.2				2.2	
12	4.351			7.4	7.7			9.4			174	3	171			2	1.849	11420	85000		3400	2800	230								0.2	1				
13	3.704																1.891	9120	85000		2990	2540	220									1				
14	3.536																1.809	6710	95000		2810	2400	190													
15	3.603			7.4	8.0			8.6			162	3	208			4	1.757	8940	95000		3240	2690	170								0.22		0.3			
16	3.536																1.662	7740	105000		3330	2790	210									1				
17	3.551																1.556	7120	105000		3000	2520	190													
18	3.093																1.544		95000				200													
19	4.805			7.3	7.6			8.9			206	5	229			5	1.565		95000				200								0.28				2.3	
20	4.524			7.4	7.5			8.9			46	3	177			3	1.552	12680	95000		4830	4000	200								0.2	13				
21	4.57																1.55	8160	95000		3820	3210	200									1				
22	4.37			7.3	7.9			8.9			122	3	168			3	1.58	6180	95000		3050	2530	200								0.22		0.3			
23	3.88																1.57	7750	85000		2650	2210	200									1				
24	3.51																1.55	8000	96000		2810	2100	210													
25	3.94				7.9			8.8			176	11	86			4	2.17	6830	86000		3390	2830	220								1.5					
26	5.863				7.9			8.9			130	3	111			2	3.2	7220	90000		3620	2700	210								0.59	1			4.1	
27	4.469			7.4													3.4	6100	95000		2830	2310	220								1					
28	3.777			7.2													4.21	5510	85000		2070	1720	210													
29	4.213																4.21	5180	95000		2740	3210	230													
30	4.443																	5630	95000		2990	2490	250													
31																																				
Tot.	117.3																56.33																			
Avg.	3.911			7.3	7.7			9.2			138	4	180			3	1.942	7812	88433		3204	2689	215.3								0.38	1	0.30		2.600000	

RESIDENTIAL COMMERCIAL INDUSTRIAL INDUSTRIAL WASTE POPULATION EQUIVALENT
 37243 FLOW 34596 CBOD 21432 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