



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

July 7, 2022

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

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

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. 6/22.

Cc: V. Teague
K. Robinson
M. Saylor

DMR Copy of Record

Permit																					
Permit #:		KY0022420			Permittee:				Hite Creek WQTC MSD				Facility:		HITE CREEK WQTC MSD						
Major:		Yes			Permittee Address:				700 W Liberty St Louisville, KY 40203				Facility Location:		5512 HITT LN LOUISVILLE, KY 40285						
Permitted Feature:		001 External Outfall			Discharge:				001-2A QUARTERLY BIOMONITORING												
Report Dates & Status																					
Monitoring Period:		From 04/01/22 to 06/30/22			DMR Due Date:				07/28/22				Status:		NetDMR Validated						
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:		James			Title:				Executive Director				Telephone:		502-540-6000						
Last Name:		Parrott																			
No Data Indicator (NODI)																					
Form NODI:		--																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading				Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type			
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											<	1.0	2G - tox chronic	0	01/90 - Quarterly	24 - COMP24
																<=	1.0 MAXIMUM	2G - tox chronic		01/90 - Quarterly	24 - COMP24
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																					
No attachments.																					
Report Last Saved By																					
Hite Creek WQTC MSD																					
User:		kevin.thompson@louisvillemtd.org																			
Name:		Kevin Thompson																			
E-Mail:		kevin.thompson@louisvillemtd.org																			
Date/Time:		2022-07-11 11:47 (Time Zone: -04:00)																			
Report Last Signed By																					
User:		staci.huber@louisvillemtd.org																			
Name:		Staci Huber																			
E-Mail:		staci.huber@louisvillemtd.org																			
Date/Time:		2022-07-14 08:33 (Time Zone: -04:00)																			

80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample	=	99.0						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	=	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
HCMOR.pdf	pdf	143201.0
HCCoverletter(2).pdf	pdf	33869.0

Report Last Saved By

Hite Creek WQTC MSD

User: staci.huber@louisvillemmsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemmsd.org
 Date/Time: 2022-07-14 08:32 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemmsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemmsd.org
 Date/Time: 2022-07-14 08:32 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTP
 KPDES PERMIT NUMBER KY0022420

COUNTY JEFFERSON
 PLANT CAPACITY 4.4 MGD

MONTH OF: June 2022
 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	GAL/DAY X 1000	MLSS X 1000	MLVSS X 1000	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			
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000							
1	4.104				7.5						8.8			79		4	136		3	2.394	9370		4.4	4930	3970	300									0.2		0.3	15.6
2	8.06				7.4						8.9			124		3	140		3	2.31	10120		6.7	4760	3800	300								0.33	1			
3	3.751																			2.297	10410		4	4570	3760	300									1			
4	3.724																			2.301			4.4			310												
5	3.206				7.6						9.0			124		4	231		4	2.285			4.9			300								0.2				
6	3.93																			2.27	9650		4.8	4220	3450	310									1			
7	5.327																			2.34	11670		4.7	4600	3730	300												
8	4.3				7.7						9.0			183		3	216		3	2.36	9140		4.4	4820	3870	300								0.2		0.3	15.8	
9	3.78				7.6						9.0			190		3	181		2	2.34	6820		4.3	5660	4530	260								0.2	1			
10	3.86																			2.42	8530		4.7	4440	3560	300									1			
11	3.8																			2.45			4.5			300												
12	3.305				7.5						9.0			267		3	155		1	2.443			4			310								0.2			15.2	
13	3.598																			2.41	11560		2.9	5980	4870	330									1			
14	3.54																			2.4	10540		2.9	4610	3670	320												
15	3.64				7.3						8.3			194		3	207		3	2.42	5720		2.7	5070	4590	230								0.2		0.3		
16	3.486				7.3						8.0			102		3	144		4	2.415	7920		3.7	4490	3720	320								0.2	1			
17	3.681																			2.486	7780		3.6	4550	3630	320									1			
18	3.291																			2.437			3.7			300												
19	2.805																			2.407			3.3			280												
20	2.75				7.4						8.0			111		3	210		4	2.37	7580		2.9	4570	3720	340								0.27			15.9	
21	3.25																			2.35	8380		3.7	4730	3830	300									1			
22	2.37				7.4						8.0			240		3	172		2	2.37	11280		3.8	3910	3490	300								0.39		0.3		
23	2.38				7.3						8.0			133		3	204		2	2.38	7570		3.1	4240	3400	310								0.27	1			
24	3.04				7.4						8.0									2.34	6670		3	3520	2650	300									2			
25	3.06																			2.35			3.4			280												
26	3.357													127		3	191		2	2.352			3.5			250								0.3				
27	3.68																			2.36	7740		3.8	3870	3510	310									1			
28	3.09																			2.33	7520		2.8	6100	4910	250												
29	3.43																			2.34	10010		3.9	4420	3570	260												
30	3.39																			2.29	9880		3.7	4300	3650	270												
31																																						
Tot.	109																			71.02																		
Avg.	3.633				7.5						8.5			156		3	182		3	2.367	8902.7		3.873	4653	3813	295.3									0.25	1	0.30	15.625000

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
34598
 FLOW
32481
 CBOD
22531
 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