



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

October 4, 2022

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

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

Also attached is 3rd 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. 9/22.

Cc: V. Teague
K. Robinson
M. Saylor

DMR Copy of Record

Permit

Permit #:

KY0022420

Major:

Yes

Permittee:

Hite Creek WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Facility:

HITE CREEK WQTC MSD

Facility Location:

5512 HITT LN
LOUISVILLE, KY 40285

Permitted Feature:

001
External Outfall

Discharge:

001-1B
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 09/01/22 to 09/30/22

DMR Due Date:

10/28/22

Status:

NetDMR Validated

Considerations for Form Completion

Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Principal Executive Officer

First Name:

James

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample						=	98.0					23 - %	0	01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - CALCTD
					Value NODI															

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						=	98.0					23 - %	0	01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85.0 MO AV MN					23 - %		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(1).pdf	pdf	38441.0
HCMOR0922.pdf	pdf	144835.0

Report Last Saved By

Hite Creek WQTC MSD

User:	staci.huber@louisvillemsd.org
Name:	Staci Huber
E-Mail:	staci.huber@louisvillemsd.org
Date/Time:	2022-10-12 09:44 (Time Zone: -04:00)

Report Last Signed By

User:	staci.huber@louisvillemsd.org
Name:	Staci Huber
E-Mail:	staci.huber@louisvillemsd.org
Date/Time:	2022-10-12 09:45 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTPCOUNTY JEFFERSONMONTH OF: September 2022KPDES PERMIT NUMBER KY0022420PLANT CAPACITY 4.4 MGDRECEIVING STREAM HITE CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		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 Gallons	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	3.431			7.2	7.4				8.5		96		3	137		4	2.221	7950	122500	2.4	3970	3330	300								0.22		0.3		
2	3.57																2.22	6810	0	2.1	3770	2760	260								1				
3	3.69																4.547		75000	2.5			280												
4	4.06																2.25		75000	2.4			280												
5	3.689			7.4	7.6				8.3		146		3	201		4	2.26		75000	2.3			300								0.2			0.96	
6	3.88			7.4	7.6				8.1		122		3	184		5	2.258	7640	75000	3.2	4470	3700	300								0.2	6			
7	3.864																2.263	8270	85000	2.2	4120	3520	300								1				
8	3.681			7.2	7.4				8.4		109		3	186		2	2.28	9480	77000	2.2	4210	3590	290								0.28		0.3		
9	3.416																2.284	9510	75000	2.6	4040	3410	300								1				
10	3.641																2.319		80000	2.3			300												
11	3.413			7.3	7.2				8.6		216		3	250		2	2.33		65000	2.1			280								0.2			3.7	
12	3.19			7.4	7.3				8.0		172		3	187		2	2.34		77000	2.1			300								0.2	1			
13	3.63																2.33	8350	78000	2.2	5160	4330	310								1				
14	3.56																2.33	7730	78000	2.7	4340	3530	290												
15	3.56			7.5	7.3				8.2		196		3	228		4	2.31	8420	78000	2.7	4220	3540	280								0.37		0.3		
16	3.44																2.27	7050	75000	2.8	3930	3280	280								1				
17	2.95																2.37		75000	2.2			280												
18	3.187			7.4	7.5				8.5		198		3	194		4	2.28		75000	2.7			300								0.2			1.7	
19	3.5			7.3	7.5				8.3		129		3	151		3	2.31	11410	57000	2.2	4460	3620	280								0.2	1			
20	3.718																2.31	9360	75000	2.2	4170	3890	280								1				
21	3.72																2.31	9710	77000	2.1	3920	3640	280												
22	3.19			7.3	7.5				8.0		148		3	202		7	2.32	7090	74000	2.7	3600	2990	280								0.2		0.3		
23	3.215																2.29	11130	81000	2.4	4490	3750	300								1				
24	3.24																2.26		78000	2.2			320												
25	3.26			7.4	7.4				8.0		136		3	122		2	2.31		41000	2.5			320								0.41			0.98	
26	3.22			7.5	7.2				8.0		106		3	167		2	2.25	10980	89000	2.7	4680	3940	340								0.2	1			
27	3.22																2.27	10410	80000	2	4210	3790	340								1				
28	2.89																1.71	8630	0	2.4	4930	3060	300												
29	2.66																1.01	8720	78000	2.1	4090	3720	300												
30	2.59																1.18		73000	1.9			290												
31																																			
Tot.	102.3																67.992																		
Avg.	3.409			7.4	7.4				8.2		148		3	184		3	2.2664	8876	71450	2.37	4252	3547	295.3								0.24	1	0.30	1.835000	

RESIDENTIAL
COMMERCIAL
INDUSTRIALINDUSTRIAL WASTE POPULATION EQUIVALENT
32468 FLOW
30788 CBOD
20016 TSSScott Reed
OPERATOR25712
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS

0

X

4

=

0

SEWERED POPULATION

502-540-6000

PLANT TELEPHONE