

700 West Liberty Street | Louisville, KY 40203-1911

Phone: 502.587.0603 Fax: 502.540.6106 louisvillemsd.org

February 17, 2024

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

RE:

Hite Creek WQTC, KPDES No: KY0022420

Discharge Monitoring Report for January 2024.

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 January 2024.

Also attached is overflow report.

There were no bypasses or exceedances.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6000.

Sincerely,

Curt Otto

Process Supervisor

CEO/ Hite Creek. 1/24.

Cc:

V. Teague

K. Robinson

M. Saylor

DMR Copy of Record Permit Hite Creek WQTC MSD Facility: KY0022420 Permittee: HITE CREEK WQTC MSD Permit #: Yes **Facility Location:** Major: Permittee Address: 700 W Liberty St 5512 HITT LN Louisville, KY 40203 LOUISVILLE, KY 40285 Permitted Feature: 001 Discharge: 001-1B External Outfall SANITARY WASTEWATER Report Dates & Status **DMR Due Date:** Status: **Monitoring Period:** From 01/01/24 to 01/31/24 02/28/24 **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** Telephone: Title: First Name: James **Executive Director** 502-540-6000 Last Name: Parrot No Data Indicator (NODI) Form NODI: Monitoring Location Season # Param. NODI Quantity or Loading **Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Qualifier 2 Value 2 Units Qualifier 1 Value 1 Value 2 14/30 - 14 Per Month GR - GRAB Sample 9.0 19 - mg/L 7.0 INST MIN 03/07 - Three Per Week GR - GRAB 19 - mg/L Permit Req. 00300 Oxygen, dissolved [DO] 1 - Effluent Gross 0 Value NODI

				Sample					=	7.2			=	7.7	12 - SU		14/30 - 14 Per Month	GR - GRAB
00400 pH 1	1 - Effluent Gross	0		Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	03/07 - Three Per Week	GR - GRAB
P1.				Value NODI												Ū		
00530 Solids, total suspended				Sample =	260.0	=	442.0	26 - lb/d			=	5.0	=	6.0	19 - mg/L		03/07 - Three Per Week	CP - COMPOS
	1 - Effluent Gross	0		Permit Req. <=	2253.0 MO AVG	<=	3380.0 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	0	03/07 - Three Per Week	24 - COMP24
				Value NODI														
00530 Solids, total suspended G - Raw		0		Sample							=	139.0	=	182.0	19 - mg/L		03/07 - Three Per Week	CP - COMPOS
	G - Raw Sewage Influent			Permit Req.								Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	0	03/07 - Three Per Week	24 - COMP24
	3			Value NODI														
				Sample							=	14.0	=	17.0	19 - mg/L		01/07 - Weekly	CP - COMPOS
00600 Nitrogen, total [as N] 1 - Effluent Gross	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
				Value NODI														
00600 Nitrogen, total [as N] G - Raw Sewage Influe				Sample							=	31.0	=	38.0	19 - mg/L		01/07 - Weekly	CP - COMPOS
	G - Raw Sewage Influent	0		Permit Req.								Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
				Value NODI														
00610 Nitrogen, ammonia total [as N] 1 - Effluent Gross		2		Sample							-	0.3	=		19 - mg/L		03/07 - Three Per Week	CP - COMPOS
	1 - Effluent Gross			Permit Req.							<=	5.0 MO AVG	<=	7.5 MX WK AV	19 - mg/L	0	03/07 - Three Per Week	24 - COMP24
				Value NODI														
				Sample							=	0.2	=	0.2	19 - mg/L		01/07 - Weekly	CP - COMPOS
00665 Phosphorus, total [as P]	1 - Effluent Gross	2		Permit Req.							<=	2.0 MO AVG	<=	3.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
, ,				Value NODI														
				Sample							-	3.8	-	5.2	19 - mg/L		01/07 - Weekly	CP - COMPOS
00665 Phosphorus, total [as P]	G - Raw Sewage Influent	2		Permit Req.								Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	0	01/07 - Weekly	24 - COMP24
, ,				Value NODI														
				Sample =	5.725	=	7.417	03 - MGD									03/07 - Three Per Week	CN - CONTIN
Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.	Req Mon MO AV	G	Req Mon MX WK A	V 03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
·				Value NODI														
				Sample							=	3.0	=		13 - #/100mL		03/07 - Three Per Week	GR - GRAB
51040 E. coli	1 - Effluent Gross	0		Permit Req.							<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	0	03/07 - Three Per Week	GR - GRAB
				Value NODI														
				Sample =	209.0	=	299.0	26 - Ib/d			=	4.0	-	4.0	19 - mg/L		03/07 - Three Per Week	CP - COMPOS
BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0		Permit Req. <=	751.0 MO AVG	<=	1127.0 MX WK AV	26 - lb/d			<=	10.0 MO AVG	<=	15.0 MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - COMP24
, , , , , , , , , , , , , , , , , , , ,				Value NODI														
				Sample							=	100.0	=	137.0	19 - mg/L		03/07 - Three Per Week	CP - COMPOS
80082 BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0		Permit Req.								Req Mon MO AVG		Req Mon MX WK AV	-	0	03/07 - Three Per Week	24 - COMP24
bob, carbonaceous [5 day, 20 o]	O - Naw Dewage Illiuelli			Value NODI												5		

80091 BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal		Sample	= 96.0	23 - 9	%	01/30 - Monthly	CA - CALCTD	
		0	 Permit Req.	>= 85.0 MO AV	MN 23 - 9	% 0	01/30 - Monthly	CA - CALCTD	
				Value NODI					
				Sample	= 97.0	23 - 9	%	01/30 - Monthly	CA - CALCTD
81011	Solids, suspended percent removal	K - Percent Removal	0	 Sample Permit Req.	= 97.0 >= 85.0 MO AV			01/30 - Monthly 01/30 - Monthly	CA - CALCTD CA - CALCTD

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	Туре	Size
HCOverflow.pdf		pdf	65509.0
JAN2024CoverLetterHiteCreek.pdf		pdf	36732.0
HCMOR012024.XLS		xls	333824.0

Report Last Saved By

Hite Creek WQTC MSD

User: staci.huber@louisvillemsd.org

Name: Staci Huber

E-Mail: staci.huber@louisvillemsd.org

Date/Time: 2024-02-19 09:38 (Time Zone: -05:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemsd.org

Date/Time: 2024-02-20 09:48 (Time Zone: -05:00)

IMSAST0004 Overflow Report 1/1/2024 12:00:00 AM to 1/31/2024 12:00:00 AM

KPDES #	Facility ID	Water C	Quality Treatm	ent Center	Recieving Stea	m of Discharge	Region						
KY0022420	MSD0202	HITE CF	REEK		HITE CREEK		NA						
Facility Type	Facility ID	Facility	Facility Address If Pump Station			n	Recieving St	ream	Discharge To				
Sewer Manhole	108956	7302 F RD						RK	STREAM				
Activity Code / Description	WO#	Ref#	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition		
DISREV:RAIN EVENT DISCHARGE	3739634		1/9/2024 11:05:00 AM	SANTEE	SANTEE	QUEUED FOR INVESTIGATIO N / REPAIR	3/7/2022 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	01/09/24 09:10 PM			

Discharge Reporting:

Discharge Amount:	6,100 GAL	
Cause:	LACK OF SYSTEM CAPACITY.	
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.	
Impact:	SEWAGE FOUND AROUND MANHOLE.	
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.	
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.	

Notifications:

1/9/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
1/9/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	