



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

September 18, 2024

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

**RE: Hite Creek WQTC, KPDES No: KY0022420  
Discharge Monitoring Report for August 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 August 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. 9/24.

Cc: V. Teague  
K. Robinson  
M. Saylor

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:  
Major:

KY0022420  
Yes

Permittee:  
Permittee Address:

Hite Creek WQTC MSD  
700 W Liberty St  
Louisville, KY 40203

Facility:  
Facility Location:

HITE CREEK WQTC MSD  
5512 HITT LN  
LOUISVILLE, KY 40285

Permitted Feature:

001  
External Outfall

Discharge:

001-1B  
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 08/01/24 to 08/31/24

DMR Due Date:

09/28/24

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:  
Last Name:

James  
Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	8.0					19 - mg/L	0	03/07 - Three Per Week	GR - GRAB
					Permit Req.						>=	7.0 INST MIN					19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.1			=	7.6	12 - SU	0	03/07 - Three Per Week	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	280.0	=	360.0	26 - lb/d			=	7.0	=	8.0	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS
					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			
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	169.0	=	184.0	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	10.0	=	11.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample								=	26.0	=	34.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample								=	0.3	=	0.3	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS
					Permit Req.								<=	2.0 MO AVG	<=	3.0 MX WK AV	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample								=	0.4	=	0.7	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.								<=	1.0 MO AVG	<=	1.5 MX WK AV	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	1	--	Sample								=	3.7	=	4.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.814	=	5.587	03 - MGD								0	99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD										

					Value NODI																	
51040	E. coli	1 - Effluent Gross	0	--	Sample									=	14.0	=	116.0	13 - #/100mL	0	03/07 - Three Per Week	GR - GRAB	
					Permit Req.									<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL				
					Value NODI																	
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	191.0	=	301.0	26 - lb/d				=	5.0	=	6.0	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS	
					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				
					Value NODI																	
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample									=	122.0	=	143.0	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS	
					Permit Req.										Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L				
					Value NODI																	
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample									=	96.0			23 - %	0	01/30 - Monthly	CA - CALCTD	
					Permit Req.										>=	85.0 MO AV MN						23 - %
					Value NODI																	
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample									=	96.0			23 - %	0	01/30 - Monthly	CA - CALCTD	
					Permit Req.										>=	85.0 MO AV MN						23 - %
					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
HCOverflow.pdf	pdf	55913.0
COVERLETTERAUG24.pdf	pdf	37416.0
HCMOR082024.xls	xls	328192.0

Report Last Saved By

Hite Creek WQTC MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemSD.org

Date/Time: 2024-09-19 11:31 (Time Zone: -04:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemSD.org

Date/Time: 2024-09-19 11:32 (Time Zone: -04:00)



**IMSAST0004**  
**Overflow Report**  
**8/1/2024 12:00:00 AM to 8/31/2024 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center		Receiving Stream of Discharge		Region					
KY0022420	MSD0202	HITE CREEK		HITE CREEK		NA					
Facility Type	Facility ID	Facility Address		If Pump Station, Name of Station		Receiving Stream		Discharge To			
Sewer Manhole	91141	5601 FALLS CT		HITE CREEK		SOUTH FORK HARRODS CREEK		DITCH			
Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3829411		8/8/2024 6:00:00 PM	SMITH JR	SMITH JR	REPAIRED - ISSUE RESOLVED	8/8/2024 12:00:00 AM	ROOTS	UNAUTHORIZED DISCHARGE- WATERS	08/08/24 09:00 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	900 GAL
Cause:	ROOTS IN MAIN SEWER.
Clean Up:	MSD PERSONNEL CLEANED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY DISCHARGE SIGNAGE AROUND IMPACTED AREA.
Impact:	SEWAGE / DEBRIS AROUND THE MANHOLE.
Repair:	ROOT CUT THE MAIN SEWER TO REMOVE OBSTRUCTION.
Public Notification:	ADVISED CUSTOMER ON SITE.

**Notifications:**

8/9/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
----------------	--------	--