



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

February 14, 2023

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

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

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)587-5858.

Sincerely,

Staci Huber  
Process Supervisor

SH/ Hite Creek. 1/23.

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
HCOverflowreport123.pdf	pdf	61004.0
HCCoverletter(1).pdf	pdf	39305.0
HCMOR123.pdf	pdf	135709.0

**Report Last Saved By**

**Hite Creek WQTC MSD**

User: staci.huber@louisvillemmsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemmsd.org  
 Date/Time: 2023-02-16 13:29 (Time Zone: -05:00)

**Report Last Signed By**

User: staci.huber@louisvillemmsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemmsd.org  
 Date/Time: 2023-02-16 13:30 (Time Zone: -05:00)

NAME OF TREATMENT PLANT HITE CREEK WTP COUNTY JEFFERSON MONTH OF: January 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)	pH		RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RETURN		WASTED	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	4.47																4.32		81000	2.7	5230	4620	350																
2	4.41																4.75	7740	75000	2.6	5180	4430	350											0.24		0.3	6.45		
3	10.91																4.73	14670	75000	2.6	4440	3850	280										0.22	6					
4	8.23																4.7	11740	75000	2.3	4890	4090	350																
5	5.96																3.75	6500	96000	1.9	4930	4150	350												0.35				
6	5.208																4.6	8950	95000	2.3	4340	3960	290													14			
7	4.901																4.8	90523	2.2				290																
8	4.28																4.8		77892					350										0.22		0.3	6.42		
9	4.13																4.78	7270	60000	2	5020	4330	400										0.2	1					
10	4.16																4.48		75000	2.2				390										0.2	1				
11	4.02																4.024	9260	76000	2.3	4870	4130	370													24			
12	5.23																4.658	6300	91000	2.7	4840	4140	350																
13	4.36																4.79	13490	101000	2.7	5900	5010	320																
14	3.99																4.82	8360	100900	3.1	6000	5130	350																
15	4.23																4.77		101500	2.4				340															
16	3.96																4.71		101000	2.4				430										0.2	30	0.3	8.12		
17	4.413																4.727	8810	101000	2.5	6860	5800	300											0.2	1				
18	4.283																4.718	10480	110000	2.7	5940	5020	470											0.2	11				
19	6.068																4.722	12940	120000	1.9	4980	4230	300																
20	5.121																4.222	9740	120000	2.2	6050	5080	310																
21	4.814																4.82		100000	3.4				380															
22	5.245																4.71		140000	2.1				380										0.2		0.3	5.77		
23	5.629																4.72	12120	120000	2.8	5400	4650	390											0.36	2				
24	4.12																4.75	9660	130000	2.1	5110	4340	420											0.36	8				
25	6.12																4.765	12920	120000	2.6	4410	3730	410														15		
26	5.469																4.78	8650	120000	2.3	5000	4310	370																
27	4.828																4.727	12340	120000	3.3	5020	4190	340																
28	4.959																4.713		120000	2.6				370															
29	4.388																4.701		120000	2.4				320															
30	3.933																4.79		120000	2.5				450															
31	4.351																4.757	9000	120000	2.7	4940	4130	440																
Tot.	156.2																144.1																						
Avg.	5.038																4.649	10047	101704	2.483	5207	4444	361.6													0.25	5	0.30	6.690000

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
 47985  
 FLOW  
 36376  
 CBOD  
 24195  
 TSS

Scott Reed  
 OPERATOR  
 25712  
 CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS  
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-540-600  
 PLANT TELEPHONE



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	108956	7302 FLOYDSBURG RD	HITE CREEK	FLOYDS FORK	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	3600335		1/3/2023 8:30:00 AM	CATALANO JR	BROADEN	QUEUED FOR INVESTIGATION / REPAIR	3/7/2022 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	01/03/23 11:00 PM	

**Discharge Reporting:**

Discharge Amount:	130,500 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.
Control Zone:	PERMANENT SIGN IN PLACE – NO ADDITIONAL CONTROL ZONE SET UP.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	PERMANENT SIGN IN PLACE – NO ADDITIONAL CONTROL ZONE SET UP.

**Notifications:**

1/3/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
1/3/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION