



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

April 19, 2022

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

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

Also attached is the 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. 3/22.

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
HCCoverletter.pdf	pdf	40700.0
HCMOR.pdf	pdf	144535.0
MarchDischargereports.pdf	pdf	186946.0

**Report Last Saved By**

**Hite Creek WQTC MSD**

User: kevin.thompson@louisvillemsd.org  
 Name: Kevin Thompson  
 E-Mail: kevin.thompson@louisvillemsd.org  
 Date/Time: 2022-04-20 08:16 (Time Zone: -04:00)

**Report Last Signed By**

User: staci.huber@louisvillemsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemsd.org  
 Date/Time: 2022-04-20 08:40 (Time Zone: -04:00)

## 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 01/01/22 to 03/31/22			DMR Due Date:				04/28/22				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.											<	1.0	2G - tox chronic	0	01/90 - Quarterly	24 - COMP24
					Value NODI											<=	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:		2022-04-20 08:02 (Time Zone: -04:00)																			
Report Last Signed By																					
User:		staci.huber@louisvillemtd.org																			
Name:		Staci Huber																			
E-Mail:		staci.huber@louisvillemtd.org																			
Date/Time:		2022-04-20 08:41 (Time Zone: -04:00)																			

NAME OF TREATMENT PLANT HITE CREEK WTP  
 KPDES PERMIT NUMBER KY0022420

COUNTY JEFFERSON  
 PLANT CAPACITY 4.4 MGD

MONTH OF: March 2022  
 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)	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	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					Gallons	30 MIN.	60 MIN.	FALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS					% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN FALLONS x 1000
		RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	GAU/DAY x 1000	MLSS x 1000	Gallons	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	30 MIN.	60 MIN.	FALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN FALLONS x 1000	NH3-N (mg/L)	E Coli	Phosphorus mg/L	Total Nitrogen
1	8.473			7.4	7.5			9.8			116		3	103		2	5.37	9320	82000	2.7	5050	4250	610									0.55		0.3	6.52	
2	7.525			7.5	7.4			10.2			128		14	90		2	4.38	11460	90000	2.7	5240	4410	520									0.38	1			
3	5.836			7.3	7.3			9.7			180		3	126		2	4.42	10220	85000	2.2	5840	4920	650									0.24	1			
4	4.562																4.45	9820	95000	2.3	5350	4620	650										1			
5	4.528																4.18		120000	2.7			650													
6	4.629																4.47		92000	2.4			600													
7	8.721			7.4	7.5			9.9									4.43	10780	88000	2.3	5740	4810	670													
8	8.721			7.3	7.5			9.7			100		3	99		2	4.37	10160	91000	2.9	5270	4480	600									0.2		0.3	7.44	
9	6.081			7.4	7.1			9.9			96		3	98		2	4.39	10190	87500	2.9	5160	4320	460									0.2	1			
10	5.414										170		3	130		2	4.38	9820	90000	2.6	5010	4200	610									0.2	1			
11	4.863																4.4	8970	90000	2.5	4830	4050	640										1			
12	4.812																4.41		89000	2.3			620													
13	4.812																4.46		90000	2.9			560													
14	4.668			7.4	7.4			9.7									4.48	9450	88000	2.6	4970	4130	560													
15	4.568			7.3	7.4			9.8			102		3	149		3	4.77	8450	93000	2.6	4820	4100	600									0.3		0.3	9.69	
16	4.613			7.3	7.5			9.6			128		3	157		3	4.86		96000	2.1			490									0.3	1			
17	4.444										104		3	155		2	4.83	7900	76000	2.3	4790	4030	600									0.2	1			
18	4.325																4.83	8120	89000	2.3	4640	3890	570											5		
19	4.238																4.82		84000	2.5			550													
20	4.573																4.87		85000	2.6			570													
21	4.168			7.4	7.1			9.5									4.81	7820	86000	2.4	5710	4820	480													
22	4.221			7.3	7.4			9.5			266		3	214		2	4.82	8920	83000	2.6	5720	4940	730									0.22		0.3	11.2	
23	4.148			7.5	7.4			9.6			203		3	162		2	4.78	8560	89000	2.5	6460	5520	730									0.2	2			
24	4.2										191		3	200		2	4.75	6220	72000	2.3	4940	4250	760									0.2	1			
25	4.066																3.52	9960	77000	2.6	5290	4590	760											1		
26	4.446																2.52		84000	2.5																
27	4.667																2.47		85000	2.9			500													
28	3.929																2.47	10640	85000	2.2	5030	4300	700													
29	3.884																2.54		85000	2.6			690													
30	4.001																3.2		98000	2.5																
31	4.067																5.24	6380	91000	2.7	3680	3220	500													
Tot.	156.2																132.7																			
Avg.	5.039			7.4	7.4			9.7			149		4	140		2	4.28	9158	88242	2.523	5177	4393	607.9									0.27	1	0.30	8.712500	

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
 FLOW 47988  
 CBOD 34669  
 TSS 29750

Curtis E Otto  
 OPERATOR

20265  
 CERT. NO.

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

502-540-6000  
 PLANT TELEPHONE

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022420	MSD0202	HITE CREEK	HITE CREEK	NA

  

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SSLSewer Service Line	EP48060049	8001 WEYANOKE CT	HITE CREEK	HARRODS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISSUS: SUSPECTED OVERFLOW EVID. FOUND	3480883		03/07/2022	VAUGHAN	VAUGHAN	REPAIRED - ISSUE RESOLVED	04/06/2008	OBSTRUCTION- NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE- WATERS	03/07/22 04:36 PM	LAT

**Discharge Reporting:**

Discharge Amount:	20 GAL
Cause:	OBSTRUCTION IN LINE ON PRIVATE PROPERTY.
Clean Up:	WATER HAS NOT RECEDED - CUSTOMER ADVISED TO CONTACT CUSTOMER RELATIONS WHEN WATER RECEDES.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/WATER DISCHARGING FROM CLEANOUT.
Repair:	ADVISED CUSTOMER TO CALL PLUMBER.
Public Notification:	ADVISED BY PHONE.



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022420	MSD0202	HITE CREEK	HITE CREEK	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMNSewer Main	90872	5924 CAMDEN ACRES DR	HITE CREEK	SOUTH FORK HARRODS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	3483099		03/14/2022	GRIGSBY JR	GRIGSBY, R	REPAIRED - ISSUE RESOLVED	03/14/2022	OBSTRUCTION- NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE- WATERS	03/14/22 04:45 PM	

**Discharge Reporting:**

Discharge Amount:	3,000 GAL
Cause:	HEAVY GREASE OBSTRUCTION AT INLET TO DOWNSTREAM.
Clean Up:	WILL REFER TO AREA SUPERVISOR FOR NEEDED CLEANUP.
Control Zone:	PLACED DISCHARGE SIGNS FROM MANHOLE ON PATH TO CREEK.
Impact:	DISCHARGE FLOW RATE AT APPROX. 10 GALLONS PER MINUTE FROM MANHOLE.
Repair:	REFERRED TO AREA SUPERVISOR FOR CLEANUP AND GROUND RESTORATION.
Public Notification:	ADVISED CUSTOMER ON SITE.

**Notifications:**

3/16/22 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/16/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV





**KY0022420**                      MSD0202                      HITE CREEK                      HITE CREEK                      NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	108956	7302 FLOYDSBURG RD	HITE CREEK	FLOYDS FORK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3480802		03/07/2022	GRAY JR	GRAY JR	DOCUMENTE D	03/07/2022	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/07/22 11:42 AM	

**Discharge Reporting:**

Discharge Amount:	60 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	NO CLEAN UP NEEDED, DISCHARGED DIRECTLY TO DRAINAGE DITCH
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA
Impact:	SEWAGE DISCHARGING FROM MANHOLE
Repair:	SITE FOUND DURING RAIN EVENT RECON
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

**Notifications:**

3/8/22 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/8/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/9/22 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/9/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/10/22 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/10/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV