



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

March 18, 2024

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

**RE: Hite Creek WQTC, KPDES No: KY0022420  
Discharge Monitoring Report for February 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 February 2024.

Also attached is overflow report.

There were no bypasses.

There was but one exceedance.

Hite Creek exceeded the Ammonia maximum weekly average with an average 9.0 mg/L maximum allowance 7.5 average mg/L.

We have since reinstalled/rebuilt 2 Nitrate BNR pumps along with some solids reduction to help restabilize the plant BNR system.

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

Sincerely,

Curt Otto  
Process Supervisor



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Phone: 502.587.0603 | Fax: 502.540.6106 | [louisvillemad.org](http://louisvillemad.org)

CEO/ Hite Creek. 2/24.

Cc: V. Teague  
K. Robinson  
M. Saylor



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 - %		01/30 - Monthly	CA - CALCTD
					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 - %		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**

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. <b>Please verify that the value you have provided is correct.</b>	Yes

**Comments**

**Attachments**

Name	Type	Size
02_Feb_2024_Discharge_Report.pdf	pdf	93927.0
Hite_Creek_CL_FEB2024.pdf	pdf	55205.0
HCLIMSPCSPREADSHEET050118022024.xls	xls	163840.0
HCMOR022024.xls	xls	327680.0

**Report Last Saved By**

**Hite Creek WQTC MSD**

User: CURT.OTTO@LOUISVILLEMSD.ORG  
 Name: Curt Otto  
 E-Mail: curt.otto@louisvillemsd.org  
 Date/Time: 2024-03-18 10:56 (Time Zone: -04:00)

**Report Last Signed By**

User: CURT.OTTO@LOUISVILLEMSD.ORG  
 Name: Curt Otto  
 E-Mail: curt.otto@louisvillemsd.org  
 Date/Time: 2024-03-18 11:01 (Time Zone: -04:00)



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0102784	MSD0294	FLOYDS FORK	FLOYDS FORK	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Main	112308E-V	1707 S ENGLISH STATION RD	FLOYDS FORK	FLOYDS FORK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3752983		2/7/2024 12:00:00 PM	SOSA RODRIGUEZ	SOSA RODRIGUEZ	REPAIRED - ISSUE RESOLVED	2/7/2024 12:00:00 AM	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	02/08/24 06:06 AM	

**Discharge Reporting:**

Discharge Amount:	25 GAL
Cause:	STRUCTURAL FAILURE (FORCE MAIN BREAK).
Clean Up:	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/WATER DISCHARGING FROM DOWN SPOUT.
Repair:	MSD CONTRACTOR REPAIRED THE MAIN SEWER.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

**Notifications:**

2/7/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
2/7/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



**IMSAST0004**  
**Overflow Report**  
**2/1/2024 12:00:00 AM to 2/29/2024 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0078956	MSD0277	DEREK R. GUTHRIE	OHIO RIVER	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Manhole	47478	5901 PAGEANT WAY	DEREK R. GUTHRIE	BIG RUN	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	3756543		2/16/2024 4:40:00 PM	BOWLIN JR		REPAIRED - ISSUE RESOLVED	2/16/2024 12:00:00 AM	GREASE BLOCKAGE	UNAUTHORIZED DISCHARGE- WATERS	02/17/24 05:05 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	625 GAL
Cause:	GREASE IN MAIN SEWER.
Clean Up:	MSD PERSONNEL WILL CLEAN IMPACTED AREA.
Control Zone:	MSD PERSONNEL ADVISED THE CUSTOMER TO AVOID CONTACT WITH SEWAGE.
Impact:	SEWAGE / DEBRIS AROUND MANHOLE.
Repair:	FLUSHED THE MAIN SEWER TO REMOVE OBSTRUCTION.
Public Notification:	ADVISED CUSTOMER ON SITE.

**Notifications:**

2/18/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0098540	MSD0289	CEDAR CREEK	CEDAR CREEK	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Manhole	85505	6902 BARDSTOWN RD	CEDAR CREEK	CEDAR CREEK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3753576		2/11/2024 4:45:00 PM	BEASLEY	BEASLEY	REPAIRED - ISSUE RESOLVED	2/11/2024 12:00:00 AM	OBSTRUCTION-NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE-WATERS	02/11/24 07:57 PM	

**Discharge Reporting:**

Discharge Amount:	100 GAL
Cause:	OBSTRUCTION IN MAIN SEWER.
Clean Up:	NO CLEAN UP PERFORMED.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	ROOT CUT MAIN SEWER AND RESOTRED FLOW.
Public Notification:	ADVISED CUSTOMER ON SITE.

**Notifications:**

2/13/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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**IMSAST0004  
Overflow Report  
2/1/2024 12:00:00 AM to 2/29/2024 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034185	MSD0512	PIONEER VILLAGE #1	BROOKS RUN	

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Lift Station	MSD2021-PS	165 OCTAGON AVE	PIONEER VILLAGE #1	BROOKS RUN	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	3764547		2/22/2024 2:46:00 PM	SANTEE	SANTEE	DOCUMENTED	12/21/2022 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	02/24/24 02:14 PM	

**Discharge Reporting:**

Discharge Amount:	42,800 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND IN THE STREAM.
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND IMPACTED AREA.

**Notifications:**

2/23/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
2/23/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





**IMSAST0004**  
**Overflow Report**  
**2/1/2024 12:00:00 AM to 2/29/2024 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034185	MSD0512	PIONEER VILLAGE #1	BROOKS RUN	

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Lift Station	MSD2021-PS	165 OCTAGON AVE	PIONEER VILLAGE #1	BROOKS RUN	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	3765265		2/28/2024 6:10:00 AM	BUTLER	BUTLER	DOCUMENTED	12/21/2022 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	02/29/24 07:47 AM	

**Discharge Reporting:**

Discharge Amount:	91,100 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 IN THE STREAM.
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

**Notifications:**

2/28/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
2/28/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION