



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

March 6, 2020

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for February 2020.**

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 2020.

There were no bypasses or exceedances.

Attached is overflow report.

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. 2/20.

Cc: V. Teague
R. Shaw

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:	001-1A SANITARY WASTEWATER		

Report Dates & Status					
Monitoring Period:	From 02/01/20 to 02/29/20	DMR Due Date:	03/28/20	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:	James A	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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	9.0									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				=	7.4			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	=	349.0	=	427.0	26 - lb/d	=	7.0	=	8.0	19 - mg/L	0	03/07 - Three Per Week	24 - COMP24	
					Permit Req.	<=	1502.0 MO AVG	<=	2253.0 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						=	167.0	=	211.0	19 - mg/L	0	03/07 - Three Per Week	24 - COMP24	
					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						=	11.0	=	15.0	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					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						=	31.0	=	42.0	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					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	2	--	Sample						=	0.5	=	0.7	19 - mg/L	0	03/07 - Three Per Week	24 - COMP24	
					Permit Req.							<=	5.0 MO AVG	<=	7.5 MX WK AV				19 - mg/L
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample						=	0.4	=	0.7	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Permit Req.							<=	2.0 MO AVG	<=	3.0 MX WK AV				19 - mg/L
					Value NODI														
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	2	--	Sample						=	3.97	=	4.69	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					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	=	5.816	=	6.861	03 - MGD						0	99/99 - Continuous	RC - Recorder (auto)	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD									
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	13.0	=	33.0	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	=	188.0	=	227.0	26 - lb/d	=	4.0	=	5.0	19 - mg/L	0	03/07 - Three Per Week	24 - COMP24	
					Permit Req.	<=	501.0 MO AVG	<=	751.0 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						=	136.0	=	160.0	19 - mg/L	0	03/07 - Three Per Week	24 - COMP24	
					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						=	97.0			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
HC_022020_MOR.pdf	pdf	85240.0
DischargeReport_HiteCreek_February2020.pdf	pdf	15501.0
HC_022020_Coverletter.pdf	pdf	46425.0

Report Last Saved By

Hite Creek WQTC MSD

User: kevin.thompson@louisvillemd.org
Name: Kevin Thompson
E-Mail: kevin.thompson@louisvillemd.org
Date/Time: 2020-03-23 10:21 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemd.org
Name: Staci Huber
E-Mail: staci.huber@louisvillemd.org
Date/Time: 2020-03-23 10:32 (Time Zone: -04:00)



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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLSSewer Lift Station	MSD1018-PS	3700 CYPRESS SPRINGS PL	CYPRESS SPRINGS	FLOYDS FORK	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISDW: DRY WEATHER DISCHARGE	3207919		02/06/2020	ROTTET JR	PAULEY	REPAIRED - ISSUE RESOLVED	02/06/2020	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE- WATERS	02/06/20 12:40 PM	

Discharge Reporting:

Discharge Amount:	500 GAL
Cause:	GREASE PLUGGED TRANSDUCERS PREVENTING PUMPS FROM STARTING.
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED IMPACTED AREA.
Control Zone:	TEMPORARY SIGNS AROUND IMPACTED AREA.
Impact:	SEWAGE ON GROUND AROUND WET WELL.
Repair:	MANUALLY TURNED ON PUMPS TO STOP DISCHARGE AND CLEANED TRANSDUCER.
Public Notification:	TEMPORARY SIGNS AROUND IMPACTED AREA.

Notifications:

2/7/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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KY0022420	MSD0202	HITE CREEK	HITE CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLSSewer Lift Station	MSD1206-PS	6100 MAYFAIR AVE	TRANSYLVANIA BEACH	OHIO RIVER	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	3209383		02/14/2020	GOODWIN	REYNOLDS	LIMITED CAPACITY DUE TO FLOOD OPERATIONS	02/18/2020	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE-WATERS	02/18/20 07:00 PM	

Discharge Reporting:

Discharge Amount:	9,999 GAL
Cause:	LACK OF CAPACITY DUE TO OHIO RIVER FLOODING.
Clean Up:	NONE REQUIRED.
Control Zone:	NONE-STATION INUNDATED WITH WATER.
Impact:	NONE-STATION INUNDATED WITH WATER.
Repair:	STATION TO BE PLACED BACK IN SERVICE WHEN FLOOD WATERS RECEDE.
Public Notification:	NONE-AREA FLOODED.

Notifications:

2/15/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
2/15/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Total Facilities Printed: 2

Total Work Orders Printed: 2

