



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

December 13, 2019

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for November 2019.**

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 November 2019.

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. 11/19.

Cc: V. Teague
R. Shaw

DMR Copy of Record

Permit			
Permit #:	KY0022420	Permittee:	Hite Creek WQTC MSD
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203
Permitted Feature:	001 External Outfall	Discharge:	001-1A SANITARY WASTEWATER
Facility:		Facility Location:	HITE CREEK WQTC MSD 5512 HITT LN LOUISVILLE, KY 40285

Report Dates & Status			
Monitoring Period:	From 11/01/19 to 11/30/19	DMR Due Date:	12/28/19
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
Last Name:	Parrott	Telephone:	502-540-6000

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					=	8					19 - mg/L	03/07 - Three Per Week	GR - GRAB	
					Permit Req.					>=	7 INST MIN					19 - mg/L	03/07 - Three Per Week	GR - GRAB	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.2			=	7.5	12 - SU	03/07 - Three Per Week	GR - GRAB	
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	03/07 - Three Per Week	GR - GRAB	
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	258	=	368	26 - lb/d			=	8	=	11	19 - mg/L	03/07 - Three Per Week	CP - COMPOS
					Permit Req.	<=	1502 MO AVG	<=	2253 MX WK AV	26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	03/07 - Three Per Week	24 - COMP24
					Value NODI														
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample							=	179	=	253	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Permit Req.														
					Value NODI														
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample							=	16	=	19	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.														
					Value NODI														
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample							=	43	=	55	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.														
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample							=	0.7	=	0.9	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Permit Req.														
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample							=	0.7	=	1.1	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.														
					Value NODI														
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	2	--	Sample							=	5.1	=	6.3	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.														
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3.668	=	4.054	03 - MGD							99/99 - Continuous	CN - CONTIN	
					Permit Req.														
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	5	=	25	13 - #/100mL	03/07 - Three Per Week	GR - GRAB	
					Permit Req.														
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	198	=	350	26 - lb/d			=	6	=	11	19 - mg/L	03/07 - Three Per Week	CP - COMPOS
					Permit Req.	<=	501 MO AVG	<=	751 MX WK AV	26 - lb/d			<=	10 MO AVG	<=	15 MX WK AV	19 - mg/L	03/07 - Three Per Week	24 - COMP24
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample							=	200	=	295	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Permit Req.														
					Value NODI														
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample							=	97			23 - %	01/30 - Monthly	CA - CALCTD	
					Permit Req.														
					Value NODI														
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample							=	96			23 - %	01/30 - Monthly	CA - CALCTD	
					Permit Req.														
					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_MOR_112019.pdf	pdf	77991
HiteCreek.pdf	pdf	19155
HC_Coverletter_112019.pdf	pdf	54155

Report Last Saved By

Hite Creek WQTC MSD

User: kevin.thompson@louisvillemd.org
Name: Kevin Thompson
E-Mail: kevin.thompson@louisvillemd.org
Date/Time: 2019-12-16 14:01 (Time Zone: -05:00)

Report Last Signed By

User: staci.huber@louisvillemd.org
Name: Staci Huber
E-Mail: staci.huber@louisvillemd.org
Date/Time: 2019-12-17 08:33 (Time Zone: -05:00)



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
SMHSewer Manhole	108953	7302 FLOYDSBURG RD		FLOYDS FORK	DITCH

<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>
: DISREV: RAIN EVENT DISCHARGE	3181457		11/30/2019	CATALANO JR	BRAZEL	DOCUMENTE D	03/09/2011	LACK OF SYSTEM CAPAC	UNAUTHORIZED DISCHARGE-WATER AM	12/01/19 12:30	

Discharge Reporting:

Discharge Amount:	28,800 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN.
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.
Control Zone:	TEMPORARY SIGNS HAVE BEEN POSTED.
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:	TEMPORARY SIGNS HAVE BEEN POSTED.

Notifications:

12/1/19 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
12/1/19 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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
SMNSewer Main	117932-AG	5504 TIMBER CREEK CT		HARRODS CREEK	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	3180984		11/25/2019	GOODWIN	BRAZEL	REPAIRED - ISSUE RESOLVED	11/25/2019	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE-WATERS	12/03/19 03:20 PM	

Discharge Reporting:

Discharge Amount:	98,800 GAL
Cause:	FORCEMAIN STRUCTURAL FAILURE.
Clean Up:	MSD PERSONNEL TO CLEAN AFFECTED AREA OR CONTRACTOR.
Control Zone:	TEMPORARY SIGNS PLACED AT LOCATION.
Impact:	SEWAGE ON GROUND AND FLOWING IN TO CREEK.
Repair:	CONTRACTOR TO REPAIR FORCEMAIN.
Public Notification:	TEMPORARY SIGNS PLACED AT LOCATION.

Notifications:

11/26/19 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
11/26/19 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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
SPLSewer Treatment Plant	MSD0202	5500 HITT RD		HITE CREEK	STREAM

<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	3181148		11/26/2019	HUBER	HUBER	REPAIRED - ISSUE RESOLVED	03/03/2018	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATERS	11/26/19 05:37 PM	

Discharge Reporting:

Discharge Amount:	6,975 GAL
Cause:	CONTRACTOR HIT FORCE MAIN WHILE EXCAVATING.
Clean Up:	NO DEBRIS.
Control Zone:	NONE.
Impact:	NONE OBSERVED.
Repair:	CONTRACTOR REPAIRED FORCE MAIN.
Public Notification:	NONE NECESSARY.

Notifications:

11/27/19 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Total Facilities Printed: 3

Total Work Orders Printed: 3

