



Louisville and Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville Kentucky 40203-1911
502-540-6000
www.msdlouky.org

February 14, 2013

Cheryl Edward
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for January 2013.**

Dear Ms. Edwards:


Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Hite Creek WQTC, for the month of January 2013.

There were no exceedences or bypasses to report this month.

Also attached is an overflow report.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5856.

Sincerely,


Kevin Thompson
Process Supervisor, East Region

KT/ Hite Creek. 01/13.

Enclosures

cc: T. Singleton
R. Shaw



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

DMR Copy of Record

Permit			
Permit #:	KY0022420	Permittee:	HITE CREEK WQTC MSD
Major:	Yes	Permittee Address:	5512 HITT LN LOUISVILLE, KY 40201
Permitted Feature:	001 External Outfall	Discharge:	001-2 MUNICIPAL WASTEWATER
Facility:		Facility Location:	HITE CREEK WQTC MSD 5512 HITT LN LOUISVILLE, KY 40201

Report Dates & Status			
Monitoring Period:	From 01/01/13 to 01/31/13	DMR Due Date:	02/28/13
Status:	NetDMR Validated		

Considerations for Form Completion
USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

Principal Executive Officer			
First Name:	Greg	Title:	Executive Director
Last Name:	Heitzman	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
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	--	Sample	=	10									19 - mg/L	XX/XX - Frequency as Reported	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	=	7.1				=	7.7			12 - SU	XX/XX - Frequency as Reported	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	=	211	=	332	26 - lb/d	=	5	=	7	19 - mg/L	XX/XX - Frequency as Reported	CP - COMPOS	
					Permit Req.	<=	1501 MO AVG	<=	2252 MX WK AV	26 - lb/d	<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI													
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	6920	=	9186	26 - lb/d	=	189	=	294	19 - mg/L	XX/XX - Frequency as Reported	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI													
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	2	--	Sample	=	11	=	13	26 - lb/d	=	0.3	=	0.4	19 - mg/L	XX/XX - Frequency as Reported	CP - COMPOS	
					Permit Req.	<=	250 MO AVG	<=	375 MX WK AV	26 - lb/d	<=	5 MO AVG	<=	7.5 MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI													
00610	Nitrogen, ammonia total (as N)	G - Raw Sewage Influent	0	--	Sample	=	572	=	596	26 - lb/d	=	15	=	19	19 - mg/L	XX/XX - Frequency as Reported	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI													
00665	Phosphorus, total (as P)	1 - Effluent Gross	2	--	Sample	=		=			=	0.5	=	0.7	19 - mg/L	XX/XX - Frequency as Reported	CP - COMPOS	
					Permit Req.					<=	2 MO AVG	<=	3 MX WK AV	19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Value NODI													
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.882	=	10.06	03 - MGD						XX/XX - Frequency as Reported	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD						0	99/99 - Continuous	CN - CONTIN
					Value NODI													
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample	=		=			=	3	=	8	13 - #/100mL	XX/XX - Frequency as Reported	GR - GRAB	
					Permit Req.					<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	03/07 - Three Per Week	GR - GRAB		
					Value NODI													
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	140	=	173	26 - lb/d	=	4	=	5	19 - mg/L	XX/XX - Frequency as Reported	CP - COMPOS	
					Permit Req.	<=	500 MO AVG	<=	751 MX WK AV	26 - lb/d	<=	10 MO AVG	<=	15 MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI													
80082	BOD, carbonaceous, 05 day, 20 C	G - Raw Sewage Influent	0	--	Sample	=	5093	=	5649	26 - lb/d	=	137	=	181	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					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.	>=	85 MO AV MN							23 - %	01/30 - Monthly	CA - CALCTD		
					Value NODI													
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	97								23 - %	01/30 - Monthly	CA - CALCTD	
					Permit Req.	>=	85 MO MIN							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
No errors.

Comments

Attachments

Name	Type	Size
THOMPSON_0221130211_001.pdf	pdf	49232
THOMPSON_0221132808_001.pdf	pdf	17889

Report Last Saved By

HITE CREEK WQTC MSD

User: kevin.thompson@louisvillemsd.org

Date/Time: 2013-02-21 13:45 (Time Zone: -05:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org



Report Selections: Excluding PPI, CSO, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022420	Facility ID MSD0202	Water Quality Treatment Center HITE CREEK	Receiving Stream of Treatment Center HITE CREEK	Region EAST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	108957	7302 FLOYDSBURG RD		FLOYDS FORK	DITCH

<u>Activity Code / Description</u>	<u>WO #</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	1623210	01/13/13 10:35 AM	MARKS JR	OPS BSHIFT EAST	DOCUMENTED	03/09/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	01/14/13 04:50 AM	

Spot Inspections:

Discharge Amount:	10,950 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

01/13/13 11:44 AM	DISPUB	msd used temp signs to warn public
01/13/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
01/13/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov