



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

March 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 February 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 February 2013.

There were no exceedences, bypasses or overflow's to report this month.

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

Sincerely,

A handwritten signature in black ink that reads "Kevin Thompson". The signature is fluid and cursive, with a long horizontal stroke at the end.

Kevin Thompson
Process Supervisor, East Region

KT/ Hite Creek. 02/13

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

Report Dates & Status					
Monitoring Period:	From 02/01/13 to 02/28/13	DMR Due Date:	03/28/13	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	Telephone:	502-540-6000
Last Name:	Heitzman				

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						=	10					19 - mg/L	01/01 - Daily	GR - GRAB	
					Permit Req.					>=	7 INST MIN					19 - mg/L	0	03/07 - Three Per Week	GR - GRAB	
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.2			=	7.5	12 - SU	01/01 - Daily	GR - GRAB	
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	0	03/07 - Three Per Week	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	181	=	272	26 - lb/d			=	5	=	7	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Permit Req.	<=	1501 MO AVG	<=	2252 MX WK AV	26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	8340	=	9371	26 - lb/d			=	237	=	283	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	0	03/07 - Three Per Week	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	2	--	Sample	=	31	=	49	26 - lb/d			=	0.9	=	1	19 - mg/L	03/07 - Three Per Week	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	0	03/07 - Three Per Week	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total (as N)	G - Raw Sewage Influent	0	--	Sample	=	637	=	660	26 - lb/d			=	18	=	20	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	0	03/07 - Three Per Week	CP - COMPOS
					Value NODI															
00665	Phosphorus, total (as P)	1 - Effluent Gross	2	--	Sample							=	0.4	=	0.4	19 - mg/L	01/04 - Once Every 4 Days	CP - COMPOS		
					Permit Req.							<=	2 MO AVG	<=	3 MX WK AV	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.29	=	5.698	03 - MGD								99/99 - Continuous	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							=	5	=	6	13 - #/100mL	03/07 - Three Per Week	GR - GRAB		
					Permit Req.							<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	0	03/07 - Three Per Week	GR - GRAB	
					Value NODI															
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	139	=	149	26 - lb/d			=	4	=	4	19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Permit Req.	<=	500 MO AVG	<=	751 MX WK AV	26 - lb/d			<=	10 MO AVG	<=	15 MX WK AV	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS
					Value NODI															
80082	BOD, carbonaceous, 05 day, 20 C	G - Raw Sewage Influent	0	--	Sample	=	6223	=	6911	26 - lb/d			=	179	=	213	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	0	03/07 - Three Per Week	CP - COMPOS
					Value NODI															
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample							=	98			23 - %	01/30 - Monthly	CA - CALCTD		
					Permit Req.							>=	85 MO AV MN			23 - %	0	01/30 - Monthly	CA - CALCTD	
					Value NODI															
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample							=	98			23 - %	01/30 - Monthly	CA - CALCTD		
					Permit Req.							>=	85 MO MIN			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
201302HCWQTC_MOR.pdf	pdf	10580
201302HCWQTC_Cover.pdf	pdf	12340

Report Last Saved By

HITE CREEK WQTC MSD

User: kevin.thompson@louisvillemsd.org

Date/Time: 2013-03-27 07:40 (Time Zone: -04:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

DMR Copy of Record

Permit																		
Permit #:	KY0022420				Permittee:	HITE CREEK WQTC MSD				Facility:	HITE CREEK WQTC MSD							
Major:	Yes				Permittee Address:	5512 HITT LN LOUISVILLE, KY 40201				Facility Location:	5512 HITT LN LOUISVILLE, KY 40201							
Permitted Feature:	001 External Outfall				Discharge:	001-R REASONABLE POTENTIAL												
Report Dates & Status																		
Monitoring Period:	From 02/01/13 to 02/28/13				DMR Due Date:	03/28/13				Status:	NetDMR Validated							
Considerations for Form Completion																		
Principal Executive Officer																		
First Name:	Greg				Title:	Executive Director				Telephone:	502-540-6000							
Last Name:	Heitzman																	
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		
00722	Cyanide, free (amen. to chlorination)	1 - Effluent Gross	0	--	Sample						<	0.005		<	0.005	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.												01/30 - Monthly	CP - COMPOS
					Value NODI													
00900	Hardness, total (as CaCO3)	1 - Effluent Gross	0	--	Sample						=	212		=	212	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.												01/30 - Monthly	CP - COMPOS
					Value NODI													
01032	Chromium, hexavalent (as Cr)	1 - Effluent Gross	0	--	Sample						<	0.01		<	0.01	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.												01/30 - Monthly	CP - COMPOS
					Value NODI													
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.000986		=	0.000986	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.												01/30 - Monthly	CP - COMPOS
					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																		
No attachments.																		
Report Last Saved By																		
HITE CREEK WQTC MSD																		
User:	kevin.thompson@louisvillemtd.org								Date/Time:	2013-03-26 10:58 (Time Zone: -04:00)								
Name:	Kevin Thompson																	
E-Mail:	kevin.thompson@louisvillemtd.org																	

