



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

July 11, 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 June 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 June 2013.

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

Also attached is the 2nd quarter Bio-monitoring DMR.

On May 15, 2013, Hite Creek WQTC influent flow meter quit working. We are using the plant average flow (4.652 MGD) from January, February, March and April 2013 as an estimate for this flow. Our effluent flow meter is not accurate for flow monitoring and reporting. It is used for controlling the plant UV systems. However, we can supply and the effluent flows if you request. We have already purchased a new flow meter and currently received bids from contractor for the installation of the flow meter.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Thompson".

Kevin Thompson
Process Supervisor, East Region

KT/ Hite Creek. 06/13.

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 06/01/13 to 06/30/13	DMR Due Date:	07/28/13	Status:	NetDMR Validated
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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	=	8									19 - mg/L	01/01 - Daily	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				=	8.7				12 - SU	01/01 - Daily	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	=	129	=	220	26 - lb/d	=	3	=	6		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	03/07 - Three Per Week	CP - COMPOS	
					Value NODI														
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	10744	=	13864	26 - lb/d	=	277	=	357		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														
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	1	--	Sample	=	19	=	33	26 - lb/d	=	0.5	=	0.8		19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Permit Req.	<=	100 MO AVG	<=	150 MX WK AV	26 - lb/d	<=	2 MO AVG	<=	3 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	=	751	=	865	26 - lb/d	=	19	=	22		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														
00665	Phosphorus, total (as P)	1 - Effluent Gross	1	--	Sample	=		=			=	0.5	=	0.6		19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	1 MO AVG	<=	1.5 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	=	4.652	=	4.652	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						=	2	=	2		13 - #/100mL	03/07 - Three Per Week	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	=	84	=	91	26 - lb/d	=	2	=	2		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	03/07 - Three Per Week	CP - COMPOS	
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	G - Raw Sewage Influent	0	--	Sample	=	5373	=	6298	26 - lb/d	=	139	=	162		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						=	98				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						=	99				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_0723090857_001.pdf	pdf	15121
THOMPSON_0723090919_001.pdf	pdf	37178

Report Last Saved By

HITE CREEK WQTC MSD

User: kevin.thompson@louisvillemsd.org	Date/Time: 2013-07-24 13:12 (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 06/01/13 to 06/30/13				DMR Due Date:	07/28/13				Status:	NetDMR Validated							
Considerations for Form Completion																		
Principal Executive Officer																		
First Name:	Greg				Title:	Executive Director				Telephone:	502-540-6000							
Last Name:	Heitzman																	
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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						=	185		=	185	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						=	0.000738		=	0.000738	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.												01/30 - Monthly	CP - COMPOS
					Value NODI													
Submission Note																		
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Edit Check Errors																		
No errors.																		
Comments																		
Attachments																		
No attachments.																		
Report Last Saved By																		
HITE CREEK WQTC MSD																		
User:	kevin.thompson@louisvillemtd.org								Date/Time:	2013-07-24 13:13 (Time Zone: -04:00)								
Name:	Kevin Thompson																	
E-Mail:	kevin.thompson@louisvillemtd.org																	

