



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

June 19, 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 May 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 May 2013.

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

On May 5, 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 use the effluent flows if you request. We have already purchased a new flow meter and are currently receiving 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,

Kevin Thompson  
Process Supervisor, East Region

KT/ Hite Creek. 05/13.

Enclosures

cc: T. Singleton  
R. Shaw



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

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 05/01/13 to 05/31/13</b>	<b>DMR Due Date:</b>	<b>06/28/13</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

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

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Greg	<b>Title:</b>	Executive Director
<b>Last Name:</b>	Heitzman	<b>Telephone:</b>	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	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					=	6.8			=	7.9	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	=	165	=	246	26 - lb/d			=	4	=	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	=	7704	=	10152	26 - lb/d			=	204	=	262	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	=	22	=	25	26 - lb/d			=	0.6	=	0.7	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	=	693	=	797	26 - lb/d			=	18	=	21	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							=	0.4	=	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	=	4.536	=	4.652	03 - MGD								99/99 - Continuous	CN - CONTIN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous	CN - CONTIN
					Value NODI																
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample							=	2	=	4	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	=	108	=	142	26 - lb/d			=	3	=	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	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
80082	BOD, carbonaceous, 05 day, 20 C	G - Raw Sewage Influent	0	--	Sample	=	4468	=	5302	26 - lb/d			=	119	=	137	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							=	98			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_0627092139_001.pdf	pdf	47235

**Report Last Saved By**

**HITE CREEK WQTC MSD**

User: kevin.thompson@louisvillemsd.org  
Name: Kevin Thompson  
E-Mail: kevin.thompson@louisvillemsd.org

Date/Time: 2013-06-27 12:46 (Time Zone: -04:00)

## 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 05/01/13 to 05/31/13				DMR Due Date:	06/28/13				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						=	0.001617		=	0.001617	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.												01/30 - Monthly	CP - COMPOS
					Value NODI													
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Edit Check Errors																		
No errors.																		
Comments																		
Attachments																		
No attachments.																		
Report Last Saved By																		
HITE CREEK WQTC MSD																		
User:	kevin.thompson@louisvillemsd.org								Date/Time:	2013-06-27 12:47 (Time Zone: -04:00)								
Name:	Kevin Thompson																	
E-Mail:	kevin.thompson@louisvillemsd.org																	

