



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

June 19, 2014

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 2014.**

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 2014.

There were no exceedences, overflows or bypasses 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, appearing to read "Kevin Thompson".

Kevin Thompson  
Process Supervisor, East Region

KT/ Hite Creek. 05/14.

Enclosures

cc: T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://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 05/01/14 to 05/31/14</b>	<b>DMR Due Date:</b>	<b>06/28/14</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	=	7.1				=	7.6			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	=	243	=	326	26 - lb/d	=	5	=	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	=	7692	=	8378	26 - lb/d	=	177	=	194	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	=	11	=	13	26 - lb/d	=	0.3	=	0.4	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	=	647	=	673	26 - lb/d	=	15	=	17	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	=		=			=	0.6	=	0.7	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	=	5.117	=	9.41	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						=	4	=	9	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	=	226	=	286	26 - lb/d	=	5	=	7	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	=	5431	=	5780	26 - lb/d	=	126	=	150	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						=	96			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
201405HiteCreek_coverletter.pdf	pdf	16597
201405HiteCreek_MOR.pdf	pdf	39133

**Report Last Saved By**

**HITE CREEK WQTC MSD**

User: kevin.thompson@louisvillemsd.org	Date/Time: 2014-06-24 07:36 (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 05/01/14 to 05/31/14				DMR Due Date:	06/28/14				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.											19 - mg/L	01/30 - Monthly	CP - COMPOS
					Value NODI													
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample					=	208			=	208	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.											19 - mg/L	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.											19 - mg/L	01/30 - Monthly	CP - COMPOS
					Value NODI													
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample					<	0.0002			<	0.0002	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.											19 - mg/L	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@louisvillemsd.org								Date/Time:	2014-06-24 07:38 (Time Zone: -04:00)								
Name:	Kevin Thompson																	
E-Mail:	kevin.thompson@louisvillemsd.org																	

