



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

April 24, 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 March 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 March 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, appearing to read "John Kessel", written over a horizontal line.

John Kessel  
Process Supervisor, West Region

JK/ Hite Creek. 03/13

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

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	<b>From 03/01/13 to 03/31/13</b>	<b>DMR Due Date:</b>	<b>04/28/13</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>	<b>Greg</b>	<b>Title:</b>	<b>Exec Director</b>	<b>Telephone:</b>	<b>502-540-6000</b>
<b>Last Name:</b>	<b>Hetizman</b>				

**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	03/07 - Three Per Week	GR - GRAB	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.2				=	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	=	283	=	345	26 - lb/d	=	6	=	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	=	7189	=	8767	26 - lb/d	=	164	=	176	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	2	--	Sample	=	54	=	90	26 - lb/d	=	1	=	2	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	03/07 - Three Per Week	CP - COMPOS		
					Value NODI														
00610	Nitrogen, ammonia total (as N)	G - Raw Sewage Influent	0	--	Sample	=	647	=	660	26 - lb/d	=	15	=	18	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	2	--	Sample	=		=			=	0.4	=	0.5	19 - mg/L	01/07 - Weekly	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	=	5.129	=	9.992	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						=	3	=	3	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	=	169	=	217	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	03/07 - Three Per Week	CP - COMPOS		
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	G - Raw Sewage Influent	0	--	Sample	=	5716	=	6721	26 - lb/d	=	132	=	164	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						=	96			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
201303HC_Cover.pdf	pdf	13892
201303HC_MOR.pdf	pdf	36059

**Report Last Saved By**

**HITE CREEK WQTC MSD**

User:	kevin.ries@louisvillemsd.org	Date/Time:	2013-04-25 12:42 (Time Zone: -04:00)
Name:	kevin ries		
E-Mail:	kevin.ries@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 03/01/13 to 03/31/13				DMR Due Date:	04/28/13				Status:	NetDMR Validated							
Considerations for Form Completion																		
Principal Executive Officer																		
First Name:	Greg				Title:	Exec Director				Telephone:	502-540-6000							
Last Name:	Hetizman																	
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					=	239		=	239	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					<	0.0002		<	0.0002	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.ries@louisvillemtd.org				Date/Time:	2013-04-25 12:38 (Time Zone: -04:00)												
Name:	kevin ries																	
E-Mail:	kevin.ries@louisvillemtd.org																	

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 01/01/13 to 03/31/13	DMR Due Date:	04/28/13
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Greg	Title:	Exec Director
Last Name:	Hetizman	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	Units
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.044	=	0.044	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.														
					Value NODI														
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.08	<	0.08	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.														
					Value NODI														
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.006	<	0.006	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.														
					Value NODI														
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample								<	1	2G - tox chronic	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.														
					Value NODI														
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample						=	3.22	=	3.22	19 - mg/L	0	01/90 - Quarterly	GR - GRAB	
					Permit Req.														
					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.ries@louisvillemtd.org	Date/Time:	2013-04-25 12:44 (Time Zone: -04:00)
Name:	kevin ries		
E-Mail:	kevin.ries@louisvillemtd.org		

