



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

November 7, 2016

Cheryl Edwards  
300 Sower Blvd., 3rd Floor  
Frankfort, Kentucky 40601

**RE: Hite Creek WQTC, KPDES No: KY0022420**  
**Discharge Monitoring Report for October 2016.**

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 October 2016.

There were no exceedances, bypasses or discharges 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 "Duane V. Wright".

Duane V. Wright  
Process Supervisor, East Region

DVW/ Hite Creek. 10/16.

Enclosures

Cc: V. Graves  
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>	700 W Liberty St Louisville, KY 40203
<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 40285

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 10/01/16 to 10/31/16</b>	<b>DMR Due Date:</b>	<b>11/28/16</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>	James A.	<b>Title:</b>	Exec. Dir.
<b>Last Name:</b>	Parrott	<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	=	7				=	7				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				=	8			12 - SU	01/01 - Daily	GR - GRAB			
					Permit Req.	>=	6 MINIMUM								12 - SU	03/07 - Three Per Week	GR - GRAB			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	146	=	184	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	=	6820	=	7657	26 - lb/d	=	226	=	255	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	=	9	=	11	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	=	754	=	774	26 - lb/d	=	25	=	26	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	=	0.5	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.										19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3.763	=	4.537	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						=	3	=	8	13 - #/100mL	03/07 - Three Per Week	GR - GRAB			
					Permit Req.															
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	175	=	213	26 - lb/d	=	6	=	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 [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample	=	6831	=	8065	26 - lb/d	=	225	=	265	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.															
					Value NODI															
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						=	98			23 - %	01/30 - Monthly	CA - CALCTD			
					Permit Req.															
					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
HC102016_MOR.pdf	pdf	55696
HC102016_COVER.pdf	pdf	43755

**Report Last Saved By**

**Hite Creek WQTC MSD**

User: kevin.ries@louisvillemsd.org	Date/Time: 2016-11-19 09:32 (Time Zone: -05:00)
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:	700 W Liberty St Louisville, KY 40203				Facility Location:	5512 HITT LN LOUISVILLE, KY 40285								
Permitted Feature:	001 External Outfall				Discharge:	001-R REASONABLE POTENTIAL													
Report Dates & Status																			
Monitoring Period:	From 10/01/16 to 10/31/16				DMR Due Date:	11/28/16				Status:	NetDMR Validated								
Considerations for Form Completion																			
Principal Executive Officer																			
First Name:	James A.				Title:	Exec. Dir				Telephone:	502-540-6000								
Last Name:	Parrott																		
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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.											19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI														
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample					=	180			=	180	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI														
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample					<	0.005			<	0.005	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI														
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample					<	0.00025			<	0.00025	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.											19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI														
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Name										Type				Size					
HC102016_COVER.pdf										pdf				43755					
Report Last Saved By																			
Hite Creek WQTC MSD																			
User:	kevin.ries@louisvillemtd.org				Date/Time:	2016-11-19 09:29 (Time Zone: -05:00)													
Name:	Kevin Ries																		
E-Mail:	kevin.ries@louisvillemtd.org																		

