



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

June, 11, 2017

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

RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for May 2017.

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 2017.

There were no exceedances or bypasses.

Overflow report attached.

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 "Staci Huber", written over the word "Sincerely,".

Staci Huber
Process Supervisor

SH/ Hite Creek. 05/17.

Cc: V. Teague
R. Shaw



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

DMR Copy of Record

Permit			
Permit #:	KY0022420	Permittee:	Hite Creek WQTC MSD
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203
Permitted Feature:	001 External Outfall	Discharge:	001-2 MUNICIPAL WASTEWATER
Facility:		Facility Location:	HITE CREEK WQTC MSD 5512 HITT LN LOUISVILLE, KY 40285

Report Dates & Status			
Monitoring Period:	From 05/01/17 to 05/31/17	DMR Due Date:	06/28/17
Status:	NetDMR Validated		

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

Principal Executive Officer			
First Name:	James A.	Title:	Executive Director
Last Name:	Parrott	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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	9									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				=	7.8			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	=	268	=	393	26 - lb/d	=	6	=	9	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	=	7898	=	9917	26 - lb/d	=	179	=	235	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	=	20	=	46	26 - lb/d	=	0.4	=	0.9	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	=	861	=	904	26 - lb/d	=	20	=	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	=		=			=	0.7	=	1.4	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	=	5.618	=	11.322	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						=	7	=	44	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 [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	266	=	317	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	=	7863	=	8460	26 - lb/d	=	178	=	201	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						=	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
052017_HC_MOR.pdf	pdf	103693
201705HCWQTCOverflowReport.pdf	pdf	97043
052017_HC_Coverletter.pdf	pdf	43444

Report Last Saved By

Hite Creek WQTC MSD

User:	staci.huber@louisvillemsd.org	Date/Time:	2017-06-22 08:10 (Time Zone: -04:00)
Name:	Staci Huber		
E-Mail:	staci.huber@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 05/01/17 to 05/31/17				DMR Due Date:	06/28/17				Status:	NetDMR Validated								
Considerations for Form Completion																			
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First Name:	James A.				Title:	Executive Director				Telephone:	502-540-6000								
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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					=	223			=	223	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					<	0.005			<	0.005	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					=	0.25			=	0.25	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																			
Name										Type				Size					
052017_HC_Coverletter.pdf										pdf				43444					
052017_HC_MOR.pdf										pdf				103693					
Report Last Saved By																			
Hite Creek WQTC MSD																			
User:	staci.huber@louisvillemsd.org				Date/Time:	2017-06-22 08:14 (Time Zone: -04:00)													
Name:	Staci Huber																		
E-Mail:	staci.huber@louisvillemsd.org																		

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 23:59, treatment Plant: MSD0202 HITE CREEK, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022420	MSD0202	HITE CREEK	HITE CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMN Sewer Main	41872-V	6331 RIVER RD		HARRODS CREEK	CATCH BASIN

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2733522		05/17/2017	BRAZEL	GOODWIN	REPAIRED - ISSUE RESOLVED	05/18/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	05/17/17 07:37 PM	

Discharge Reporting:

Discharge Amount:	100 GAL
Cause:	UTILITY (OR CONTRACTOR) DAMAGED MSD ASSET
Clean Up:	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PLACED CONES AROUND THE IMPACTED AREA CONES PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND ON THE GROUND
Repair:	HAULED SEWAGE UNTIL FORCE MAIN COULD BE REPAIRED
Public Notification:	ADVISED ALL POSSIBLE IMPACTED PROPERTIES IN THE SURROUNDING AREA IN PERSON

Notifications:

5/16/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/16/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Total Facilities Printed: 1

Total Work Orders Printed: 1