



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

April 10, 2017

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

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

Also attached is the 1st qtr biomonitoring report.

There were no exceedances, overflow or bypasses to report.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

A handwritten signature in black ink, appearing to read "Staci Huber". The signature is fluid and cursive, with a large loop at the beginning.

Staci Huber
Process Supervisor

SH/ Hite Creek. 03/17.

Enclosures

Cc: V. Graves
R. Shaw



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

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:	001-2 MUNICIPAL WASTEWATER		

Report Dates & Status

Monitoring Period:	From 03/01/17 to 03/31/17	DMR Due Date:	04/28/17	Status:	NetDMR Validated
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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	Telephone:	502-540-6000
Last Name:	Parrott				

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		03/07 - Three Per Week	GR - GRAB
					Permit Req.	>=	7 INST MIN								19 - mg/L	0	03/07 - Three Per Week	GR - GRAB
					Value NODI													
00400	pH	1 - Effluent Gross	0	--	Sample	=	7				=	8			12 - SU		03/07 - Three Per Week	GR - GRAB
					Permit Req.	>=	6 MINIMUM								12 - SU	0	03/07 - Three Per Week	GR - GRAB
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	408	=	946	26 - lb/d	=	8	=	14	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	1	03/07 - Three Per Week	CP - COMPOS
					Value NODI													
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	7625	=	9228	26 - lb/d	=	180	=	198	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	0	03/07 - Three Per Week	CP - COMPOS
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	33	=	72	26 - lb/d	=	0.7	=	1	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	1	03/07 - Three Per Week	CP - COMPOS
					Value NODI													
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	720	=	772	26 - lb/d	=	18	=	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	0	03/07 - Three Per Week	CP - COMPOS
					Value NODI													
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample	=		=			=	0.6	=	0.9	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.					<=	2 MO AVG	<=	3 MX WK AV	19 - mg/L	1	01/07 - Weekly	CP - COMPOS	
					Value NODI													
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.942	=	9.17	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	=		=			=	19	=	208	13 - #/100mL		03/07 - Three Per Week	GR - GRAB
					Permit Req.					<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	0	03/07 - Three Per Week	GR - GRAB	
					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	268	=	493	26 - lb/d	=	6	=	8	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	1	03/07 - Three Per Week	CP - COMPOS
					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample	=	7299	=	8421	26 - lb/d	=	176	=	206	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	0	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 - %	1	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 - %	1	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
032107_HC_Coverletter.pdf	pdf	47423
032017_HC_MOR.pdf	pdf	99974

Report Last Saved By

Hite Creek WQTC MSD

User: kevin.thompson@louisvillemsd.org	Date/Time: 2017-04-18 10:09 (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:	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

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Principal Executive Officer

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Last Name:	Parrott				

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					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00722	Cyanide, free [amen. to chlorination]	1 - Effluent Gross	0	--	Sample						<	0.005	<	0.005	19 - mg/L	XX/XX - Frequency as Reported 01/30 - Monthly	CP - COMPOS
					Permit Req.												
					Value NODI												
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	209	=	209	19 - mg/L	XX/XX - Frequency as Reported 01/30 - Monthly	CP - COMPOS
					Permit Req.												
					Value NODI												
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample						<	0.005	<	0.005	19 - mg/L	XX/XX - Frequency as Reported 01/30 - Monthly	CP - COMPOS
					Permit Req.												
					Value NODI												
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.00025	<	0.00025	19 - mg/L	XX/XX - Frequency as Reported 01/30 - Monthly	CP - COMPOS
					Permit Req.												
					Value NODI												

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Comments

Attachments

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Report Last Saved By

Hite Creek WQTC MSD

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

Date/Time: 2017-04-18 10:10 (Time Zone: -04:00)

