



700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.587.0603 | Fax: 502.540.6106 | louisvillemtd.org

November 20, 2017

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

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

There were no overflows, exceedances or bypasses.

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

Sincerely,

Staci Huber
Process Supervisor

SH/ Hite Creek. 10/17.

Cc: V. Teague
R. Shaw

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 10/01/17 to 10/31/17	DMR Due Date:	11/28/17
Status:	NetDMR Validated		

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

Principal Executive Officer			
First Name:	Tony 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	Units
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	8									19 - mg/L	03/07 - Three Per Week	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	=	7.3				=	7.8			12 - SU	03/07 - Three Per Week	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	=	214	=	279	26 - lb/d	=	6	=	7	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	=	6471	=	7831	26 - lb/d	=	206	=	271	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	=	17	26 - lb/d	=	0.3	=	0.3	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	=	680	=	811	26 - lb/d	=	22	=	27	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	=		=			=	0.5	=	0.8	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	=	3.929	=	8.889	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	=		=			=	11	=	41	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	=	188	=	305	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	=	6814	=	9976	26 - lb/d	=	200	=	257	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
102017HC_Coverletter.pdf	pdf	64091
102017_HC_MOR.pdf	pdf	59293
Report Last Saved By		
Hite Creek WQTC MSD		
User:	WILLIAM.FORD@LOUISVILLEMSD.ORG	
Name:	William Ford	
E-Mail:	william.ford@louisvillemsd.org	
Date/Time:	2017-11-21 13:01 (Time Zone: -05:00)	
Report Last Signed By		
User:	staci.huber@louisvillemsd.org	
Name:	Staci Huber	
E-Mail:	staci.huber@louisvillemsd.org	
Date/Time:	2017-11-22 07:23 (Time Zone: -05:00)	

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 10/01/17 to 10/31/17				DMR Due Date:	11/28/17				Status:	NetDMR Validated							
Considerations for Form Completion																		
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	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					=	199			=	199	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					<	0.005			<	0.005	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					=	0.25			=	0.25	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.											19 - mg/L	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:	WILLIAM.FORD@LOUISVILLEMSD.ORG																	
Name:	William Ford																	
E-Mail:	william.ford@louisvillemSD.org																	
Date/Time:	2017-11-21 12:37 (Time Zone: -05:00)																	
Report Last Signed By																		
User:	staci.huber@louisvillemSD.org																	
Name:	Staci Huber																	
E-Mail:	staci.huber@louisvillemSD.org																	
Date/Time:	2017-11-22 07:24 (Time Zone: -05:00)																	

