



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

February 13, 2018

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

**RE: Hite Creek WQTC, KPDES No: KY0022420  
Discharge Monitoring Report for January 2018.**

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 January 2018.

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. 01/18.

Cc: V. Teague  
R. Shaw

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	<b>From 01/01/18 to 01/31/18</b>	<b>DMR Due Date:</b>	<b>02/28/18</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>	Executive Director	<b>Telephone:</b>	502-540-6000
<b>Last Name:</b>	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	=	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	=	7.1				=	7.5			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	=	448	=	556	26 - lb/d	=	14	=	17	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	=	5372	=	5824	26 - lb/d	=	163	=	193	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	=	53	=	79	26 - lb/d	=	2	=	2	19 - mg/L	XX/XX - Frequency as Reported	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	=	654	=	696	26 - lb/d	=	20	=	24	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	=		=			=	0.7	=	0.9	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	=	3.982	=	6.028	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						=	26	=	61	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	=	299	=	334	26 - lb/d	=	9	=	12	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	=	5873	=	6252	26 - lb/d	=	176	=	215	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						=	95			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						=	92			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
012018_HC_MOR.pdf	pdf	64395
HC_012018_Coverletter.pdf	pdf	60996

**Report Last Saved By**

**Hite Creek WQTC MSD**

User: staci.huber@louisvillemmsd.org  
Name: Staci Huber  
E-Mail: staci.huber@louisvillemmsd.org  
Date/Time: 2018-02-19 14:03 (Time Zone: -05:00)

**Report Last Signed By**

User: staci.huber@louisvillemmsd.org  
Name: Staci Huber  
E-Mail: staci.huber@louisvillemmsd.org  
Date/Time: 2018-02-19 14:03 (Time Zone: -05:00)

## DMR Copy of Record

Permit																		
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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 01/01/18 to 01/31/18				DMR Due Date:	02/28/18				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.												01/30 - Monthly	CP - COMPOS
					Value NODI													
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample					=	205			=	205	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																		
No attachments.																		
Report Last Saved By																		
<b>Hite Creek WQTC MSD</b>																		
User:	kevin.thompson@louisvillemtd.org																	
Name:	Kevin Thompson																	
E-Mail:	kevin.thompson@louisvillemtd.org																	
Date/Time:	2018-02-19 08:01 (Time Zone: -05:00)																	
Report Last Signed By																		
User:	staci.huber@louisvillemtd.org																	
Name:	Staci Huber																	
E-Mail:	staci.huber@louisvillemtd.org																	
Date/Time:	2018-02-19 14:04 (Time Zone: -05:00)																	

