



Safe, clean waterways

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

June 6, 2019

Crystal Dennis  
300 Sower Blvd., 3rd Floor  
Frankfort, Kentucky 40601

**RE: Hite Creek WQTC, KPDES No: KY0022420  
Discharge Monitoring Report for May 2019.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Hite Creek WQTC, for the month of May 2019.

There were no bypasses, overflows or exceedances.

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. 05/19.

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>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>001-1A</b> SANITARY WASTEWATER
<b>Facility:</b>			HITE CREEK WQTC MSD
<b>Facility Location:</b>			5512 HITT LN LOUISVILLE, KY 40285

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 05/01/19 to 05/31/19</b>	<b>DMR Due Date:</b>	<b>06/28/19</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**Considerations for Form Completion**  
Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

<b>Principal Executive Officer</b>			
<b>First Name:</b>	James A	<b>Title:</b>	Executive Director
<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					=	8					19 - mg/L	0	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			=	7.4	12 - SU	0	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	=	358	=	410	26 - lb/d		=	8	=	10	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS					
					Permit Req.	<=	1502 MO AVG	<=	2253 MX WK AV	26 - lb/d		<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - COMP24					
					Value NODI																			
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample						=	240	=	308	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS						
					Permit Req.												Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	24 - COMP24			
					Value NODI																			
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample						=	16	=	18	19 - mg/L	0	01/07 - Weekly	CP - COMPOS						
					Permit Req.												Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/07 - Weekly	24 - COMP24			
					Value NODI																			
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample						=	33	=	37	19 - mg/L	0	01/07 - Weekly	CP - COMPOS						
					Permit Req.												Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/07 - Weekly	24 - COMP24			
					Value NODI																			
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample						=	1	=	2	19 - mg/L	0	03/07 - Three Per Week	24 - COMP24						
					Permit Req.												<=	2 MO AVG	<=	3 MX WK AV	19 - mg/L	03/07 - Three Per Week	24 - COMP24	
					Value NODI																			
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample						=	0.5	=	0.6	19 - mg/L	0	01/07 - Weekly	24 - COMP24						
					Permit Req.													<=	1 MO AVG	<=	1.5 MX WK AV	19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																			
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	1	--	Sample						=	4.35	=	5.25	19 - mg/L	0	01/07 - Weekly	24 - COMP24						
					Permit Req.													Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/07 - Weekly	24 - COMP24		
					Value NODI																			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.571	=	5.5	03 - MGD							0	99/99 - Continuous	CN - CONTIN					
					Permit Req.													Req Mon MO AVG	Req Mon MX WK AV	03 - MGD	99/99 - Continuous	RC - Recorder (auto)		
					Value NODI																			
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	2	=	3	13 - #/100mL	0	03/07 - Three Per Week	GR - GRAB						
					Permit Req.													<=	130 30DA GEO	<=	240 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	=	373	=	425	26 - lb/d		=	9	=	11	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS					
					Permit Req.	<=	501 MO AVG	<=	751 MX WK AV	26 - lb/d		<=	10 MO AVG	<=	15 MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - COMP24					
					Value NODI																			
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample						=	183	=	208	19 - mg/L	0	03/07 - Three Per Week	CP - COMPOS						
					Permit Req.													Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	24 - COMP24		
					Value NODI																			
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample						=	95				23 - %	0	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						=	96				23 - %	0	01/30 - Monthly	CA - CALCTD					
					Permit Req.														>=	85 MO AV MN	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
HC_052019_MOR.pdf	pdf	76309
052019_Coverletter.pdf	pdf	34932

**Report Last Saved By**

**Hite Creek WQTC MSD**

User: staci.huber@louisvillemsd.org  
Name: Staci Huber  
E-Mail: staci.huber@louisvillemsd.org  
Date/Time: 2019-06-10 13:23 (Time Zone: -04:00)

**Report Last Signed By**

User: staci.huber@louisvillemsd.org  
Name: Staci Huber  
E-Mail: staci.huber@louisvillemsd.org  
Date/Time: 2019-06-10 13:33 (Time Zone: -04:00)

