



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

October 22, 2019

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

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

There were no bypasses or exceedances.

Attached is overflow report.

Also attached is 3<sup>rd</sup> quarter biomonitoring.

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. 09/19.

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>		<b>Facility Location:</b>	HITE CREEK WQTC MSD 5512 HITT LN LOUISVILLE, KY 40285

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 09/01/19 to 09/30/19</b>	<b>DMR Due Date:</b>	<b>10/28/19</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	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			=	7.8	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	=	178	=	225	26 - lb/d		=	6	=	7	19 - mg/L	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						=	249	=	300	19 - mg/L	03/07 - Three Per Week	CP - COMPOS			
					Permit Req.												19 - mg/L	03/07 - Three Per Week	24 - COMP24	
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample						=	21	=	22	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.												19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample						=	41	=	47	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.												19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample						=	0.5	=	1	19 - mg/L	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						=	0.6	=	1	19 - mg/L	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						=	6.12	=	7.79	19 - mg/L	01/07 - Weekly	24 - COMP24			
					Permit Req.												19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	2.823	=	2.964	03 - MGD							99/99 - Continuous	CN - CONTIN		
					Permit Req.														99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	3	=	24	13 - #/100mL	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	=	199	=	252	26 - lb/d		=	7	=	9	19 - mg/L	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						=	206	=	243	19 - mg/L	03/07 - Three Per Week	CP - COMPOS			
					Permit Req.												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						=	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						=	98			23 - %	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
092019_HC_Coverletter.pdf	pdf	35404
092019_HC_MOR.pdf	pdf	76232

**Report Last Saved By**

**Hite Creek WQTC MSD**

User: kevin.thompson@louisvillemsd.org  
Name: Kevin Thompson  
E-Mail: kevin.thompson@louisvillemsd.org  
Date/Time: 2019-10-23 08:02 (Time Zone: -04:00)

**Report Last Signed By**

User: staci.huber@louisvillemsd.org  
Name: Staci Huber  
E-Mail: staci.huber@louisvillemsd.org  
Date/Time: 2019-10-23 13:31 (Time Zone: -04:00)

## 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:	001-2A QUARTERLY BIOMONITORING																	
Report Dates & Status																				
Monitoring Period:	From 07/01/19 to 09/30/19					DMR Due Date:	10/28/19			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				
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample										<	1	2G - tox chronic	01/90 - Quarterly	24 - COMP24	
					Permit Req.										<=	1 MAXIMUM	2G - tox chronic	01/90 - Quarterly	24 - COMP24	
					Value NODI															
Submission Note																				
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No errors.																				
Comments																				
Attachments																				
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Report Last Saved By																				
<b>Hite Creek WQTC MSD</b>																				
User:	staci.huber@louisvillemsd.org																			
Name:	Staci Huber																			
E-Mail:	staci.huber@louisvillemsd.org																			
Date/Time:	2019-10-22 10:25 (Time Zone: -04:00)																			
Report Last Signed By																				
User:	staci.huber@louisvillemsd.org																			
Name:	Staci Huber																			
E-Mail:	staci.huber@louisvillemsd.org																			
Date/Time:	2019-10-23 13:32 (Time Zone: -04:00)																			

