



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

May 26th, 2026

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for April 2026.**

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 April 2026.

There were no overflows, bypasses or exceedances.

If you have any questions concerning the attached DMR's, please contact me at (502) 264-2804.

Sincerely,

A handwritten signature in black ink, appearing to read 'AS' or 'Alex Smither', written in a cursive style.

Alex Smither
Process Supervisor

CAS/Hite Creek 4/26.

cc: B. Tinnell
V. Graves

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Permit

Permit #:
Major:

KY0022420
Yes

Permittee:
Permittee Address:

Hite Creek WQTC MSD
700 W Liberty St
Louisville, KY 40203

Facility:
Facility Location:

HITE CREEK WQTC MSD
5512 HITT LN
LOUISVILLE, KY 40285

Permitted Feature:

001
External Outfall

Discharge:

001-1B
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 04/01/26 to 04/30/26

DMR Due Date:

05/28/26

Status:

NetDMR Validated

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.

Principal Executive Officer

First Name:
Last Name:

Tony
Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					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						=	9.0					19 - mg/L	0	03/07 - Three Per Week	GR - Grab	
					Permit Req.						>=	7.0 INST MIN					19 - mg/L				
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.1			=	7.6	12 - SU	0	03/07 - Three Per Week	GR - Grab	
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU				
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	200.0	=	242.0	26 - lb/d			=	5.0	=	7.0	19 - mg/L	0	03/07 - Three Per Week	CP - Composite	
					Permit Req.	<=	2253.0 MO AVG	<=	3380.0 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L				
					Value NODI																
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	162.0	=	228.0	19 - mg/L	0	03/07 - Three Per Week	CP - Composite	
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L				
					Value NODI																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	11.0	=	15.0	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L				
					Value NODI																
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample								=	34.0	=	41.0	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L				
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample								=	0.8	=	1.0	19 - mg/L	1	03/07 - Three Per Week	CP - Composite	
					Permit Req.								<=	5.0 MO AVG	<=	7.5 MX WK AV	19 - mg/L				
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample								=	0.2	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.								<=	2.0 MO AVG	<=	3.0 MX WK AV	19 - mg/L				
					Value NODI																
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	2	--	Sample								=	3.7	=	4.1	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L				
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.414	=	9.362	03 - MGD								0	03/07 - Three Per Week	CN - Continuous	
					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								=	10.0	=	62.0	13 - #/100mL	0	03/07 - Three Per Week	GR - Grab	
					Permit Req.								<=	130.0 30DA GEO	<=	240.0 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	=	143.0	=	214.0	26 - lb/d			=	3.0	=	3.0	19 - mg/L	0	03/07 - Three Per Week	CP - Composite	
					Permit Req.	<=	751.0 MO AVG	<=	1127.0 MX WK AV	26 - lb/d			<=	10.0 MO AVG	<=	15.0 MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - 24 Hour Composite	
					Value NODI																
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample								=	153.0	=	191.0	19 - mg/L	0	03/07 - Three Per Week	CP - Composite	
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - 24 Hour Composite	
					Value NODI																
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample							=	98.0				23 - %	0	03/07 - Three Per Week	CA - Calculated	
					Permit Req.								>=	85.0 MO AV MN					23 - %	01/30 - Monthly	CA - Calculated
					Value NODI																
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample							=	97.0				23 - %	0	03/07 - Three Per Week	CA - Calculated	
					Permit Req.								>=	85.0 MO AV MN					23 - %	01/30 - Monthly	CA - Calculated
					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
HITE_CREEK_COVER_4_26.pdf	pdf	35561.0
HCMOR042026.xls	xls	327168.0

Report Last Saved By

Hite Creek WQTC MSD

User:

CURT.OTTO@LOUISVILLEMSD.ORG

Name:

Curt Otto

E-Mail:

curt.otto@louisvillemSD.org

Date/Time:

2026-05-26 12:34 (Time Zone: -04:00)

Report Last Signed By

User:

ALEX.SMITHER@LOUISVILLEMSD.ORG

Name:

Charles Smither

E-Mail:

alex.smither@louisvillemSD.org

Date/Time:

2026-05-26 12:50 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTPCOUNTY JEFFERSONMONTH OF: April 2026KPDES PERMIT NUMBER KY0022420PLANT CAPACITY 4.4 MGDRECEIVING STREAM HITE CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLEABLE SOLIDS (mg/L)			DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE				AERATION BASIN						SLUDGE HANDLING						FINAL			
		GRIT REMOVED (CUBIC FEET)	SCREENINGS (CUBIC FEET)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	GAL/DAY X 1000	MLSS x1000	WAST ED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW			HAULED			NH3-N (mg/L)	E. Coli (mg/L)	Phosphorus mg/L	EFF Total Nitrogen		
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000						
1	6.006			7.1															7130	81000		2.9	2030	1780	210												
2	7.689			7.2	7.2						8.6		136		3	94		3		10970	80000		4.4	4590	3600	220							1.7	1	0.18	9.8	
3	7.689			7.3	7.2						8.6		170		3	115		3		10700	91000		4.6	2930	2580	200							1.8	1			
4	7.689																			80000	4.1				200												
5	7.694																			80000	3.8				220												
6	7.694			7.2	7.1						9.6		130		3	156		4		9370	91000		5.1	3540	3090	220							0.7	17			
7	7.694			7.2																11780	80000		4.4	2740	2380	200											
8	7.694			7.4																9520	0	3.8	1700	1510	180												
9	5.904			7.4	7.4						9.6		198		3	107		3		12710	#####		3.5	2080	1830	220							0.3	4	0.159	9.8	
10	4.235			7.4	7.4						9.6		196		3	138		3		8800	0	3.5	1330	1200	140							3.1	60000				
11	4.543																			0	2.9				180												
12	4.358																			92000	3.7				200												
13	4.238			7.5	7.3						8.9		27		8	121		3		7660	81000		3.8	1870	1650	190							0.3	1			
14	4.483			7.4																7260	72000		3.8	1880	1640	200											
15	4.334			7.1																5350	40000		4	1770	1650	200											
16	4.284			7.4	7.5						9.0		172		3	154		3		6880	40000		3.6	1810	1570	180							0.3	4	0.19	10.5	
17	4.3			7.3	7.5						9.0		163		5	241		3		9760	0	3.7	2270	2010	200							0.3	17				
18	3.964																			60000	3.9				200												
19	4.413																			60000	4				200												
20	4.05			7.4	7.5						9.6		66		13	178		4		9180	#####		3.2	2110	1840	200							0.3	13			
21	4.158			7.5																8250	30000		3.8	2190	1900	190											
22	4.191			7.4																7550	0	3.7	2120	1990	200												
23	4.039			7.3	7.3						9.3		252		5	156		4		10230	0	3.9	2440	2140	240							0.3	8	0.279	14.7		
24	4.273			7.4	7.2						9.1		220		4	178		3		11260	30000		4.3	3510	3070	260							0.3	5			
25	4.897																			60000	4.1				250												
26	4.24																			60000	3.9				250												
27	4.947			7.5	7.6						9.0		212		6	192		3		11750	50600		3	2630	2330	230							0.3	7			
28	10.98			7.0																7440	50000		3.8	1850	1640	150											
29	7.014			7.4																11640	87000		2.9	3170	2700	260											
30	6.111			7.0																5150	81000		3.6	2960	2500	250											
Tot.	167.8																																				
Avg.	5.594			7.3	7.3						9.2		162		5	153		3		9106	60320		3.79	2433	2118	208							0.81		0.20		

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

53271

FLOW

41848

CBOD

35950

TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

PLANT TELEPHONE