



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

July 15th, 2026

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for June 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 June 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 6/26.

cc: B. Tinnell
V. Graves

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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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 06/01/26 to 06/30/26

DMR Due Date:

07/28/26

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						=	6.8			=	7.8	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	=	157.0	=	187.0	26 - lb/d			=	4.0	=	4.0	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								=	160.0	=	203.0	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								=	10.0	=	14.0	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								=	28.0	=	34.0	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	1	--	Sample								=	0.3	=	0.4	19 - mg/L	0	03/07 - Three Per Week	CP - Composite	
					Permit Req.								<=	2.0 MO AVG	<=	3.0 MX WK AV	19 - mg/L				
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample								=	0.3	=	0.4	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.								<=	1.0 MO AVG	<=	1.5 MX WK AV	19 - mg/L				
					Value NODI																
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	1	--	Sample								=	3.5	=	4.6	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	=	5.479	=	8.198	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								=	3.0	=	8.0	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	=	135.0	=	140.0	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								=	120.0	=	130.0	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							=	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																
81011	Solids, suspended 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																

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_COVER_6_26.pdf	pdf	32648.0
HCMOR062026.xls	xls	319488.0

Report Last Saved By

Hite Creek WQTC MSD

User: ALEX.SMITHER@LOUISVILLEMSD.ORG

Name: Charles Smither

E-Mail: alex.smither@louisvillemSD.org

Date/Time: 2026-07-15 07:45 (Time Zone: -04:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG

Name: Charles Smither

E-Mail: alex.smither@louisvillemSD.org

Date/Time: 2026-07-21 11:52 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTPCOUNTY JEFFERSONMONTH OF: June 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	RETURN		WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW			HAULED			NH3-N (mg/L)	E. Coll (mg/L)	Phosphorus mg/L	EFF Total Nitrogen
																		GAL/DAY X 1000	MLSS x1000					GAL/DAY X 1000	30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS				
1	5.609																		6410	240000	2.8	2740	2090	320											
2	4.977			7.5	7.8				9.1			182		3	184		4		6430		2.7	2380	1970	250							0.25	7	0.204	5.3	
3	4.808			7.4	7.7				9.3			176		5	88		3		6530	142000	2.7	2740	2340	280							0.25	71			
4	4.911			7.5	7.6				9.5			252		4	119		3		7580	142000	3	2470	2140	250							0.25	1			
5	4.61																		8730	121000	3	2490	2130	250											
6	5.449																		10400	90000	3	1790	1550	230											
7	7.062																		9390	90000	2.4	2430	2110	200											
8	7.062																		4400	121000	2.9	2410	2080	230											
9	7.057			7.3	7.6				9.2			178		3	155		2		8910	123000	2.8	2220	1880	230							0.25	4	0.424	9.64	
10	5.823			7.4	7.5				8.8			129		3	118		3		5590	100000	1.7	2120	1880	200							0.25	2			
11	4.458			7.4								150		4	111		3		7780	102000	3.8	2110	1750	210							0.25	3			
12	4.426																		6950	80000	2.3	1910	1620	180											
13	4.402																		8690	80000	2.7	1740	1490	170											
14	4.118																		6140	81000	3.2	2640	1860	180											
15	4.206																		5800	96000	2.5	2090	1790	190											
16	4.206			7.3	7.3				8.6			196		3	184		3		3760	85000	2.6	1920	1690	190							0.27	1	0.312	14.2	
17	4.035			7.3								62		3	84		3		6170	81000	3.1	2090	1790	200							0.25	20			
18	6.254			7.4	7.4				8.7			172		3	123		4		11950	85000	2.5	2540	2170	200							0.25	1			
19	5.163																		10930	85000	2.7	1850	1480	190											
20	4.652																		6740	80000	2.3	1640	1370	180											
21	4.447																		5490	85000	4.4	1710	1500	170											
22	7.802																		13380	81000	3.3	1800	1580	180											
23	6.182			7.3	6.8				9.1			88		4	68		3		10508	80000	3.4	1680	1480	190							0.71	1	0.32	21.4	
24	5.406			7.0	7.7				9.1			152		5	77		3		5060	85000	2.6	2000	1820	140							0.34	1			
25	5.18			7.3	7.6				8.9			183		3	127		3		7930	0	2.7	1520	1360	140							0.25	6			
26	8.438																		11890	80000	3	1870	1660	170											
27	14.21																		7540	61000	2	2020	1800	160											
28	11.73																		6020	80000	3.4	1830	1630	180											
29	8.567																		10980	91000	2.9	2290	1970	150											
30	7.005																		10290	91000	1.7	4350	3690	200											
31																																			
Tot.	182.3																																		
Avg.	6.075			7.3	7.5				9.0			160		4	120		3		7946	95103.4	2.803	2180	1856	200.3							0.30	#####	0.32	#####	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

57858

35715

38603

FLOW

CBOD

TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS

0

X

4

=

0

SEWERED POPULATION

PLANT TELEPHONE

NAME OF TREATMENT PLANT Hite Creek

COUNTY Jefferson

Month of:

Avg. Flow: 6.08

		Sludge Disposal	
Date	Rainfall	in Gallons	Remarks
1		0	
2		0	
3		0	
4		0	
5		0	
6		0	
7		0	
8		0	
9		0	
10		0	
11		0	
12		0	
13		0	
14		0	
15		0	
16		0	
17		0	
18		0	
19		0	
20		0	
21		0	
22		0	
23		0	
24		0	
25		0	
26		0	
27		0	
28		0	
29		0	
30		0	
31		0	