



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

June 18th, 2026

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for May 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 May 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 'Alex Smither'. The signature is fluid and cursive, with a large loop at the end.

Alex Smither
Process Supervisor

CAS/Hite Creek 5/26.

cc: B. Tinnell
V. Graves

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Permit

Permit #:

KY0022420

Major:

Yes

Permitted Feature:

001
External Outfall

Permittee:

Hite Creek WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Discharge:

001-1B
SANITARY WASTEWATER

Facility:

HITE CREEK WQTC MSD

Facility Location:

5512 HITT LN
LOUISVILLE, KY 40285

Report Dates & Status

Monitoring Period:

From 05/01/26 to 05/31/26

DMR Due Date:

06/28/26

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:

Tony

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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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						=	7.0					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						=	6.9			=	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	=	300.0	=	370.0	26 - lb/d			=	6.0	=	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								=	123.0	=	158.0	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								=	8.0	=	9.0	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								=	27.0	=	44.0	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	=	0.3	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								=	0.4	=	0.6	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								=	2.9	=	3.9	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	=	6.06	=	9.525	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								=	4.0	=	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	=	194.0	=	253.0	26 - lb/d			=	4.0	=	5.0	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								=	100.0	=	153.0	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						=	96.0					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						=	95.0					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_5_26.pdf	pdf	37640.0
HCMOR052026.xls	xls	320000.0

Report Last Saved By

Hite Creek WQTC MSD

User:

ALEX.SMITHER@LOUISVILLEMSD.ORG

Name:

Charles Smither

E-Mail:

alex.smither@louisvillemSD.org

Date/Time:

2026-06-22 13:23 (Time Zone: -04:00)

Report Last Signed By

User:

ALEX.SMITHER@LOUISVILLEMSD.ORG

Name:

Charles Smither

E-Mail:

alex.smither@louisvillemSD.org

Date/Time:

2026-06-22 13:23 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTPCOUNTY JEFFERSONMONTH OF: May 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. Coli (mg/L)	Phosphorus mg/L	EFF Total Nitrogen
																		GAL/DAY x 1000	MLSS x1000					30 MIN.	60 MIN.	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS x 1000				
1	5.51			7.1															13310	101000	3.8	4490	3750	320											
2	5.168																				4.2			310											
3	4.837																		96000	3.8				280											
4	4.968			7.5	7.2				13.6			170		7	100		4	2630	90000	5.2	2490		270							0.25	13	0.558	9.31		
5	5.109																		96000	2.3	2840		260												
6	7.962			7.3	7.2				12.1			152		4	79		3	12440	92000	2.6	2330	1980	240							0.32	2				
7	6.144			7.4	7.2				10.7			52		6	60		3	6150	101000	2.4	2840	2410	250							0.25	2				
8	5.441			7.3														6580	90000	1.7	2440	2100	250												
9	5.362																		80000	2			230												
10	4.685																		122000				250												
11	4.716			7.5	7.3				13.3			156		6	171		6	8630	82000	2.2	3850	3250	250							0.25	2	0.212	8.01		
12	4.317			7.5	7.7				10.5			152		6	160		5	8440	90000	1.9	2520	2200	290							0.35	13				
13	4.696			7.3	7.2				9.0			106		5	128		3	9150	91000	2.9	2420	2150	280							0.25	9				
14	4.305			7.4														6480	91000	2.8	2830	2160	280												
15	4.388			7.4														6350	91000	1.7	2730	2500	250												
16	4.952																		90000	1.8			270												
17	5.209			7.6															90000	2.5			270												
18	4.827			7.3	7.4				8.9			126		10	114		5	6300	90000	2.8	2710	2300	290							0.25	8		9.37		
19	5.802			7.0	7.3				8.9			178		6	140		3	7740	91000	1.6	2300	1900	240							0.25	5				
20	6.938			7.1	7.3				9.0			170		5	93		3	9730	91000	4.4	2110	1790	220							0.25	12				
21	7.322			7.0														10001	101000	1.9	3240	2790	240												
22	8.069			7.4														6270	101000	3.2	1820	1640	200												
23	15.26																		0																
24	10.6			7.4	7.8				12.6			67		7	36		3	6660	103000	3.4	2050	1740	220							0.39	4	0.238	4.3		
25	9.308				7.4				11.9			65		3	64		3	7590	120000	3.4	2400	2110	250							0.25	1				
26	10.37			7.4	6.9				7.4			78		3	57		3	8640	103000	3.7	3660	3040	230							0.25	1				
27	10.69			7.2														8300	141600	2.6	2430	2110	250												
28	8.198			7.5														11410	144516	2.2	2790	2360	310												
29	6.901			7.2														3720	120000	3.5	2880	2470	330												
30	6.296																		55000	2.7			300												
31	5.829																		107506	2.7			310												
Tot.	204.2																																		
Avg.	6.587			7.3	7.3				10.7			123		6	100		4	7930	95387.4	2.824	2735	2338	264.7							0.28	4	0.34	7.75		

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

62729

32367

32087

FLOW

CBOD

TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS

0

X

4

=

0

SEWERED POPULATION

PLANT TELEPHONE