



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

January 23, 2026

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for December 2025.**

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 December 2025.

There were no Bypasses, overflows or exceedances.

Also Attached are the yearly treatment reports.

If you have any questions concerning the attached DMR's, please contact me at (502) 540-6778.

Sincerely,

Curt Otto
Process Supervisor

CEO/Hite Creek 12/25.

cc: B. Tinnell
V. Graves
M. Saylor

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 #:	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:	001-1B SANITARY WASTEWATER		

Report Dates & Status					
Monitoring Period:	From 12/01/25 to 12/31/25	DMR Due Date:	01/28/26	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:	James	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											
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	11.0					19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	GR - Grab GR - Grab											
					Permit Req.					>=	7.0 INST MIN					19 - mg/L														
					Value NODI																									
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.3			=	7.5	12 - SU	0	03/07 - Three Per Week 03/07 - Three Per Week	GR - Grab GR - Grab											
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU														
					Value NODI																									
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	154.0	=	182.0	26 - lb/d			=	4.0	=	4.0	19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	CP - Composite 24 - 24 Hour 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							=	108.0	=	134.0	19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	CP - Composite 24 - 24 Hour 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							=	9.0	=	11.0	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - Composite 24 - 24 Hour 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	=	36.0	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - Composite 24 - 24 Hour 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							=	0.3	=	0.3	19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	CP - Composite 24 - 24 Hour 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	=	0.2	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - Composite 24 - 24 Hour 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							=	4.0	=	4.5	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - Composite 24 - 24 Hour 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	=	4.525	=	5.411	03 - MGD							0	03/07 - Three Per Week 99/99 - Continuous	CN - Continuous RC - Recorder (auto)											
					Permit Req.																							Req Mon MO AVG	Req Mon MX WK AV	03 - MGD

					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample	=	3.0	=	13.0	13 - #/100mL	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	=	127.0	=	142.0	26 - lb/d	03/07 - Three Per Week	CP - Composite								
					Permit Req.	<=	751.0 MO AVG	<=	1127.0 MX WK AV	26 - lb/d	03/07 - Three Per Week	24 - 24 Hour Composite								
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample	=	126.0	=	176.0	19 - mg/L	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 - %	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	=	96.0			23 - %	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
HCCoverletterDec25.pdf	pdf	42397.0
HCMOR122025.pdf	pdf	74476.0

Report Last Saved By

Hite Creek WQTC MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG
 Name: Curt Otto
 E-Mail: curt.otto@louisvillemsd.org
 Date/Time: 2026-01-23 10:15 (Time Zone: -05:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG
 Name: Curt Otto
 E-Mail: curt.otto@louisvillemsd.org
 Date/Time: 2026-01-23 10:16 (Time Zone: -05:00)

NAME OF TREATMENT PLANT HITE CREEK WTP

COUNTY JEFFERSON

MONTH OF: December 2025

KPDES PERMIT NUMBER KY0022420

PLANT CAPACITY 4.4 MGD

RECEIVING STREAM HITE CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		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	MLSS	MLVSS Gal	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS X 1000	SETTLED SLUDGE VOLUME		RAW			HAULED			NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)	Phosphorus mg/L	EFF Total Nitrogen			
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS							
1	4.456			7.4	7.4			11.4								1.72	5010	234000	3.1	2710	2340	180																
2	4.447			6.5	7.3			11.3		74		4	102		3	1.897	5960	0	3.2	2090	1800	210										4	8	0.238	4.39			
3	4.81			6.9	7.5			11.1		142		4	129		4	1.833	7360	81000	2.5	2320	2070	230									4	2						
4	4.595			7.5						104		4	82		4	1.821	8110	90000	2.9	2470	2180	240									4	4						
5	4.71			7.4												1.845	11430	40000	2.3	4000	3460	240																
6	4.699															1.795		91000	2.5			250																
7	4.623															1.844		20000	2.1			230																
8	4.717			7.8	7.5			11.3								1.83	9840	51000	2.7	3880	3340	290																
9	4.514			7.7	7.4			11.2		123		4	90		3	1.828	8870	51000	2.9	3940	3480	290									4	1	0.18	3.71				
10	4.753			7.3	7.5			11.9		120		4	98		3	1.787	9960	51000	3	4100	3550	300								4	4							
11	4.782			7.5						90		3	76		3	1.788	8270	81000	2.6	2550	2290	280								3	1							
12	4.922			7.4												1.847	8340	82000	3	2630	2320	260																
13	5.21															1.847		0	3.1			280																
14	4.901															1.847		0	2.3			280																
15	4.859			7.5	7.4			11.9								1.728	9720	80000	4.9	3600	3110	390																
16	4.832			7.5	7.5			11.2		164		5	202		3	1.76	8870	81000	2.5	3560	3110	390								5	27	0.206	4.53					
17	4.951			7.3	7.5			12.0		104		5	148		3	1.78	10320	101000	2.9	5780	4940	380								5	20							
18	5.565			7.3						134		3	178		3	1.845	11350	81000	2.2	3580	3110	330								3	4							
19	9.35			7.2												3.13	15140	102000	5.6	2730	2320	250																
20	6.859															2.595		100000	2.9			450																
21	5.755															2.618		80000	2.7			410																
22	5.338			7.2	7.3			11.8								2.97	9250	121729	2.5	3200	2890	410																
23	5.226			7.3	7.5			12.2		77		4	119		3	2.952	6710	122000	3	3660	3180	430								4	1	0.164	3.55					
24	4.995									45		3	150		3	2.959		122000	2.1			360								3	2							
25	4.245			7.4	7.5			12.0								2.546		172000	2.3			360																
26	4.424									122		3	132		3	2.884	6550	0	4.1	3160	2650	410								3	3							
27	4.256															2.834		75000	3.4			400																
28	4.168															2.784		80000	2.3			370																
29	4.836															2.53	9310	120000	2.8	3340	2800	420																
30	4.509															1.825	4910	120000	4.3	3330	2800	420																
31	4.519															1.563	8910	101000	4.7	4160	3470	250																
Tot.	154.8															66.83																						
Avg.	4.994			7.3	7.4			11.6		108		4	126		3	2.156	8771	81636.4	3.013	3371	2915	322.3													3.83	3	0.20	4.045

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

47566 30750 21471

FLOW CBOD TSS

Michael Logsdon

OPERATOR

68396

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-540-6000

PLANT TELEPHONE