



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

June 18, 2025

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

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

There were no overflows, exceedances or overflows.

Also attached is the first quarter bio monitoring results.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6000.

Sincerely,

A handwritten signature in black ink, appearing to read 'Curt Otto', written over a light gray circular background.

Curt Otto
Process Supervisor

CEO/ Hite Creek. 5/25.

cc: B. Tinnell
V. Graves
M. Saylor

NAME OF TREATMENT PLANT HITE CREEK WTPCOUNTY JEFFERSONMONTH OF: May 2025KPDES 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		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)	FECAL COLIFORM (COLONIES/100ML)	Phosphorus mg/L	Nitrogen
																		GAL/DAY X 1000	MLSS x1000					MLVSS X 1000	30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS				
1	4.965			7.0	7.0				9.0									2.01	5110	90000	2.3	2610	2270	230											
2	5.011			7.5	7.5				8.9		61		7	114		3		1.97	6030	90000	2.5	2520	2140	250							0.2	4	0.34	11.5	
3	5.533																	1.97		90000	2.5			240											
4	8.325																	1.95		90000	2.7			250											
5	7.58			7.4	7.4				8.5		123		4	117		4		3.68	5790	90000	5	2470	2140	180							0.2	5			
6	6.503			7.5	7.5				9.4		129		7	120		4		3.14	8090	90000	4	4360	3710	150							0.2	6			
7	5.981			7.1	7.1				10.5									2.42	4820	90000	2.5	2690	2330	250											
8	6.791			7.5	7.5				9.2									2.4	6310	90000	2.9	2550	2160	250											
9	7.274			7.5	7.5				9.5		61		11	72		5		2.42	8690	100000	5.8	4850	4060	260						0.2	14	0.4	7.9		
10	6.25																	2.4		100000	2.5			250											
11	5.464																	2.38		100000	2.2			240											
12	5.803			7.5	7.5				9.1		46		4	114		2		2.37	8830	100000	2.3	4370	3740	270							0.2	1			
13	6.115			7.6	7.6				9.2		149		5	139		2		2.38	7280	100000	3	2910	2560	280							0.2	5			
14	5.904			7.7	7.7				8.9									2.43	7640	100000	3.4	3870	3440	280											
15	5.471			7.7	7.7				8.7									2.43	9280	100000	2.8	3080	2300	280											
16	5.329			7.6	7.6				8.7		120		4	99		3		2.45	6790	100000	2.8	2730	2400	280							0.2	1	0.25	7.7	
17	5.314																	2.44		100000	2.3			260											
18	4.815																	2.44		100000	2.9			280											
19	4.855			7.2	7.2				8.8		135		4	78		3		2.44	4680	90000	2.8	2870	2510	300							0.2	1			
20	5.803			7.2	7.2				9.0		178		4	81		3		2.45	6030	100000	2.1	2940	2550	300							0.3	2			
21	5.769			7.2	7.2				9.0									2.47	9150	100000	2.9	2790	2420	270											
22	5.038			7.2	7.2				9.0									2.42	5770	100000	2.9	3340	2910	290											
23	4.663			7.2	7.2				9.0		135		5	120		3		2.42	7370	100000	2.7	5580	4720	270							0.2	8	0.27	9.3	
24	4.509																	2.44	6910	100000	2.5	2830	2390	280											
25	4.557			7.2	7.2				9.0									2.43	5420	100000	2.7	3920	3380	250											
26	4.36			7.8	7.8				8.9									2.41		90000	3.1			230											
27	4.706			7.5	7.5				9.0		238		7	189		4		2.48	7290	100000	2.3	2550	2260	250							0.2	2			
28	4.598			7.9	7.9				9.0		98		4	141		2		2.49	6870	90000	2.3	2780	2440	270							0.2	1			
29	4.43			7.9	7.9				9.0									2.47	7770	100000	2.3	2590	2420	300											
30	8.082			7.8	7.8				9.0									3.44	7950	100000	1.9	2630	2350	290											
31	6.89			7.8														4.97		90000	3.7			300											
Tot.	176.7																	79.01																	
Avg.	5.7			7.5	7.5				9.1		123		6	115		3		2.549	6950.9	96129	2.858	3210	2765	260.6							0.21	3	0.31	9.10	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

54282
FLOW32249
CBOD27785
TSSMichael Logsdon
OPERATOR68396
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION502-540-6000

PLANT TELEPHONE

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

Major:

Yes

Permittee:

Hite Creek WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Facility:

HITE CREEK WQTC MSD

Facility Location:

5512 HITT LN
LOUISVILLE, KY 40285

Permitted Feature:

001
External Outfall

Discharge:

001-1B
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 05/01/25 to 05/31/25

DMR Due Date:

06/28/25

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

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	3.0	=	5.0	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	=	154.0	=	198.0	26 - lb/d			=	3.0	=	4.0	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								=	115.0	=	150.0	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							=	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																

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
HCMOR052025.pdf	pdf	74869.0
HiteCreekCLMay25.pdf	pdf	39374.0

Report Last Saved By

Hite Creek WQTC MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemسد.org

Date/Time: 2025-06-24 08:40 (Time Zone: -04:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemسد.org

Date/Time: 2025-06-24 08:56 (Time Zone: -04:00)