



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

February 18, 2020

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for January 2021.**

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 January 2021.

There were no bypasses, overflows or exceedances.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Staci Huber', written over a light blue horizontal line.

Staci Huber
Process Supervisor

SH/ Hite Creek. 01/21.

Cc: V. Teague
R. Shaw

DMR Copy of Record

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:

001-1A
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 01/01/21 to 01/31/21

DMR Due Date:

02/28/21

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 A

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample						=	97.0					23 - %	0	01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - CALCTD
					Value NODI															
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						=	92.0					23 - %	0	01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - CALCTD
					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
HCCoverletter.pdf	pdf	35897.0
HCMOR012021.pdf	pdf	142275.0

Report Last Saved By

Hite Creek WQTC MSD

User: staci.huber@louisvillemsd.org

Name: Staci Huber

E-Mail: staci.huber@louisvillemsd.org

Date/Time: 2021-02-18 12:21 (Time Zone: -05:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org

Name: Staci Huber

E-Mail: staci.huber@louisvillemsd.org

Date/Time: 2021-02-18 12:26 (Time Zone: -05:00)

NAME OF TREATMENT PLANT HITE CREEK WTP COUNTY JEFFERSON MONTH OF: _____
 KPDES PERMIT NUMBER KY0022420 PLANT CAPACITY 4.4 MGD RECEIVING STREAM HITE CREEK

DES PERMIT NUMBER				RY0022420				PLANT CAPACITY				4.4 MGD				RECEIVING STREAM				TIDE GREEK															
DATE	TOTAL EFF 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 GAL	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L)	MLVSS (mg/L)	SETTLED SLUDGE VOLUME		RAW			HAULED			NH3-N (mg/L)	E Coli	Phosphorus mg/L	Total Nitrogen
																		MGD/DAY	MLSS (mg/L)					30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS				
1	9.445			7.2														4.43		65900	4.3			360											
2	7.091			7.1														4.43		65900	4.4			320											
3	5.694			7.3	7.5				9.1		94		4	133			2	4.42		65900	4			350						0.22			0.3	10.3	
4	5.98			7.2	7.2				9.0		154		18	132			6	3.334	9750	65900	4.3	3520	3290	350						1.2	1				
5	5.007			7.1	7.2				8.9		153		6	125			2	2.477	13150	65900	4.4	4940	4040	350						0.36	11				
6	4.506			7.2														2.46	13250	65900	4.7	4810	4210	350							1				
7	4.146			7.0														2.368	14110	65900	4.9	4790	4330	350											
8	4.011																	2.2	9520	65900	4.7	4660	3980	330											
9	3.908																	2.2		65900	4.2			320											
10	3.693			7.2	7.3				9.1		128		9	188			6	2.24		65900	4.3			330						2.1			0.55	17.5	
11	3.755			7.2	7.4				8.8		82		11	178			6	2.2	9940	65900	4.1	4260	3580	300						1.9	5				
12	3.723			7.1	7.4				8.9		135		11	115			5	2.33	10870	65900	4.2	4110	3390	310						1.5	1				
13	3.783																	2.38	11210	65900	4.3	4290	3480	310							7				
14	3.637																	2.35	8430	65900	4.1	4380	3560	330											
15	3.715																	2.35	11550	65900	4	4820	4050	300											
16	3.499																	2.35	11000	65900	4	4480	3690	310											
17	3.525																	2.37		64000	4.2			320											
18	3.375			7.2	7.2				9.0		136		10	143			5	2.33	12210	76000	4.4	4290	4000	330						2.8			0.803	19.9	
19	3.573			7.4	7.4				9.5		170		14	199			6	2.32	8660	65900	3.8	3640	3060	320						2.11	1.6	4			
20	3.655			7.3	7.3				9.2		184		12	164			6	2.39	10640	65900	4	3730	3140	300						1.5	99				
21	3.551			7.5														2.32	13900	0	3.8	4920	4040	280							6				
22	3.588																	2.48	9730	98900	3.9	3120	2610	200											
23	3.456																	2.42		65900	4			370											
24	3.606				7.0				9.0		84		11	168			6	2.44		65000	4.4			390						0.46			0.534	13.9	
25	5.792			6.9	6.9				8.7		174		24	142			11	3.309	10980	73000	4.1	5790	4860	320						2.8	1				
26	7.579			7.1	6.9				8.9		228		7	180			4	4.226	11420	68000	4.3	4930	4110	310						0.36	4				
27	5.564			7.2	7.1				8.8									4.195	11710	74500	5.3	5960	4990	340					2.66	1					
28	5.013																	4.22	12370	92000	5.3	5060	4220	320											
29	4.561																	4.106	9990	81902	5.2	5130	4310	330											
30	4.648																	4.107		91700	5.3			350											
31	6.665																	4.075		50100	5			350											
Tot.	143.7																	91.83																	
Avg.	4.637			7.2	7.2				9.0		144		11	156			5	2.962	11161	67329	4.384	4554	3854	325.8						2.385	1.40	4	0.55	15.40	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

44161
FLOW

35392
CBOD

26426
TSS

Curtis E. Otto
OPERATOR

20265
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS

0

X

4

=

0

SEWERED POPULATION

502.540.6000

PLANT TELEPHONE