



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

February 14, 2021

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for January 2022.**

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 2022.

Also attached is overflow report

There were no bypasses or exceedances.

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

Sincerely,

Staci Huber
Process Supervisor

SH/ Hite Creek. 1/22.

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 01/01/22 to 01/31/22

DMR Due Date:

02/28/22

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: --

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						=	96.0					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	32217.0
HCMOR.pdf	pdf	144843.0
01_January_Discharge_Report_All_Service_Areas_FIN.pdf	pdf	58574.0

Report Last Saved By

Hite Creek WQTC MSD

User: staci.huber@louisvillemsd.org

Name: Staci Huber

E-Mail: staci.huber@louisvillemsd.org

Date/Time: 2022-02-17 10:12 (Time Zone: -05:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org

Name: Staci Huber

E-Mail: staci.huber@louisvillemsd.org

Date/Time: 2022-02-17 10:12 (Time Zone: -05:00)

NAME OF TREATMENT PLANT HITE CREEK WTP
 KPDES PERMIT NUMBER KY0022420

COUNTY JEFFERSON
 PLANT CAPACITY 4.4 MGD

MONTH OF: January 2022
 RECEIVING 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		WASTE P	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	Phosphorus mg/L	Total Nitrogen
																			GAL/DAY x 1000	MLSS x 1000					30 MIN.	60 MIN.	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS x 1000				
1	9.05																	2.63		156000	2.3			400												
2	10.6				7.1				9.5		76		7	75		4	4.75		63800	2.5				260							0.2		0.3			
3	7.41				7.6				9.2		140		5	131		3	4.67	8130	65000	3.6	4600	3850	310							0.2	3					
4	7.62				7.4				9.2		320		9	141		5	4.64	10290	63000	2.8	4350	3640	310							0.2	1					
5	7.75																4.59	12400	77000	3	5000	4150	350							1		11.2				
6	6.93																4.65	11060	64000	3.3	5230	4400	350													
7	4.86																4.55	12880	58000	2.4	5060	4200	310													
8	4.11																4.62		97000	2.3			350													
9	10.5				7.2				9.0		62		21	87		11	4.63		96000	2.7			320							0.5		0.38				
10	7.19				7.2				9.1		58		11	102		4	4.64	11590	70000	2.7	4710	3920	370							0.2	6					
11	5.59				7.0				9.3		165		3	126		3	4.66	12140	62000	2.5	4840	4010	360							0.2	43					
12	5.2																4.61	10410	73000	2.4	5560	4640	380							1		8.11				
13	4.72																4.58	10920	72000	2.2	6050	4960	400													
14	4.49																3.67	9970	76000	2.3	5470	4640	490													
15	4.06																2.32		71000	2.5			380													
16	3.88																2.31		71000	1.8			380													
17	4.3				7.2				9.0		270		3	144		3	2.2	11210	75000	2.5	4790	4010	350							0.2		0.3				
18	3.73				7.4				9.0		195		3	159		3	2.26	14320	70000	2.5	5770	4800	400							0.2	2					
19	3.83				7.2				9.1		190		3	143		3	2.2	15100	130000	2.7	5490	4610	400							0.2	1					
20	4.42																2.31	11750	82000	2.2	5100	4250	450							1		12.8				
21	4.1																2.33	8450	71000	2.3	5300	4520	360													
22	3.66																2.25		76000	2			480													
23	3.66				7.2				8.9		207		3	205		5	2.2	7940	76000	2.5	5410	4540	460							0.2		0.3				
24	3.66				7.1				9.0		183		3	152		3	2.34	10210	92000	2.4	3990	3400	400							0.2	1					
25	3.67				7.1				9.0		177		3	158		3	2.36	10590	63000	2.2	5250	4470	400							0.2	1					
26	3.52																2.39	10990	80000	3.1	5100	4210	400							1		14.4				
27	3.59																2.42	11260	66000	2.6	5040	4180	400													
28	3.43																2.34	11330	96000	2.4	6100	5140	450													
29	3.51																2.3		77000	2.6			425													
30	3.49																2.28		77000	2.5			440													
31	3.6																2.34	11190	87200	2.6	5170	4490	550													
Tot.	160																101																			
Avg.	5.17				7.2				9.1		170		6	135		4	3.26	11097	79129	2.53	5154	4320	390							0.23	2	0.32	11.627500			

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

49218
 FLOW

34290
 CBOD

34942
 TSS

Curt Otto
 OPERATOR

20265
 CERT. NO.

502-540-6000
 PLANT TELEPHONE

TOTAL NUMBER OF SEWER CONNECTIONS
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022420	MSD0202	HITE CREEK	HITE CREEK	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMNSewer Main	102551-V	6101 HAUNZ LN	HITE CREEK	HARRODS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	3461018		01/11/2022	ROTTET JR	HUBER IV	REPAIRED - ISSUE RESOLVED	01/11/2022	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATERS	01/11/22 06:35 PM	

Discharge Reporting:

Discharge Amount:	123,000 GAL
Cause:	STRUCTURAL FAILURE. CONTRACTOR HIT FORCE MAIN.
Clean Up:	AREA DISINFECTED WITH LIME.
Control Zone:	TEMPORARY SIGNS PLACED AROUND IMPACTED AREA.
Impact:	SEWAGE ON GROUND AND IN STREAM.
Repair:	PUT 12 INCH FORCE MAIN IN SERVICE, CONTRACTOR SCHEDULED TO MAKE REPAIRS ON 1/12/22.
Public Notification:	PAGE SENT OUT TO UPDATE MSD WEBSITE.

Notifications:

1/12/22 8:39 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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