



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

May 20, 2020

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for April 2020.**

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 April 2020.

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,

Staci Huber
Process Supervisor

SH/ Hite Creek. 4/20.

Cc: V. Teague
R. Shaw

80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample	=	97.0						23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.	>=	85.0 MO AV MN					23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI										
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	97.0						23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.	>=	85.0 MO AV MN					23 - %	0	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
HC042020Coverletter.pdf	pdf	34595.0
HC042020MOR.pdf	pdf	81906.0

Report Last Saved By

Hite Creek WQTC MSD

User: staci.huber@louisvillemmsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemmsd.org
 Date/Time: 2020-05-21 12:57 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemmsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemmsd.org
 Date/Time: 2020-05-21 12:58 (Time Zone: -04:00)

NAME OF TREATMENT PLANT HITE CREEK WTP
 KPDES PERMIT NUMBER KY0022420

COUNTY JEFFERSON
 PLANT CAPACITY 4.4 MGD

MONTH OF: April 2020
 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	MGD/DAY	MLSS (mg/L)	MLSS GAL	WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L)	MLVSS (mg/L)	30 MIN	60 MIN	SETTLED SLUDGE VOLUME	RAW			HAULED			NH3-N (mg/L)	E.Coli	Phosphorus mg/L	Total Nitrogen
																												GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS				
1	3.448			7.3	7.1			8.9			274		5	178		2	3.507	13950	65900		4.7	4180	3450	350									94500	2.8		0.3	
2	4.168			7.1	7.1			8.7			656		11	211		4	3.4	12750	65900		3.9	4210	3490	350								88200	4.8	1			
3	3.285																1.863	11770	65900		4	3990	3210	320								88200		1			
4	3.062																1.725		65900		4.1			300								75600					
5	3.263			7.0	7.0			9.0			314		9	163		4	1.884		65900		3.7			300								37800	6.3		16		
6	3.118																1.841	11900	65900		3.4	4680	3640	370				2.08				88200		26			
7	2.945																1.824	11790	90000		3.9	4490	3510	350								94500					
8	3.121			7.1	7.2			8.8			228		5	241		4	1.788	11110	65900		4	4510	3480	350								69300	5.8		0.3		
9	3.393			7.2	7.1			9.0			70		6	145		7	1.922	12240	65900		3.9	4490	3310	350								18900	5.9	5			
10	3.22																1.749	11950	65900		3.7	4350	3200	350								94500		4			
11	3.998																1.864		65900					350								56700					
12	3.387										100		4	36		2	1.915		65900					370								18900	0.95		15.9		
13	6.402			7.1	7.2			8.8									3.014	12110	65900		3	3990	3100	350								63000		229			
14	4.834			7.2	7.1			8.7									3.655	12210	65900		3.2	4150	3510	350								25200					
15	4.09			7.0							112		7	78		5	3.655	12100	65900		3.7	4090	3400	350								63900	1.1		0.3		
16	4.082				7.3			8.9			176		6	149		3	3.295	9500	65900		3.9	3780	2910	340								94500	1.1	16			
17	4.167																3.743	10950	65900		3.7	3910	3150	350								94500		1			
18	4.167				7.2			8.8									3.631	10880	65900		3.9	3840	3080	340								59800					
19	3.83			7.2							192		4	169		2	3.655	11100	65900		3.6	4250	3460	320							0	0.95		15.15			
20	3.338																3.711	10210	65900		3.5	4070	3290	350							2.83	94500		5			
21	3.307																3.695	9070	65900		3.4	5270	4000	320								94500					
22	3.061			7.2	7.1			8.5			366		5	204		3	3.859	10550	65900		3.2	4890	3990	320								91300	1.8		0.402		
23	4.362			7.1	7.2			8.7			232		6	144		5	3.592	10400	65900		3	4210	3700	320							3.12	68500	1.7	24			
24	4.711																6.983	11210	65900		3.7	3990	3450	320							3.01	59000		548			
25	4.249																3.445	10970	65900		3.8	4120	2850	330								50400					
26	5.289			7.2	7.3			8.9			158		6	147		7	3.537		65900		4			310							0	1.9		15.5			
27	4.422																3.543	9460	65900		3	4630	3790	310								63000		1			
28	4.074																3.678	9970	65900		3.3	4420	3490	320								63000					
29	3.836																3.526	10211	65900		3.5	4350	3370	310								63000					
30	3.757																3.604	10550	65900		3.7	4100	3390	310								50400					
31																																					
Tot.	116.4																93.1															1923800					
Avg.	3.88			7.1	7.2			8.8			240		6	155		4	3.103	11156	66703		3.657	4278	3409	334.3							2.76	64126.7	2.93	8	0.33	15.638	

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 36948 FLOW 29580 CBOD 36952 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