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August 15, 2024

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

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for July 2024.**

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 July 2024.

There were no overflow or bypasses to report.

There was one exceedance to report. HCWQTC exceeded its monthly BOD limit of 15 mg/l for the month of July. The monthly average report was 17mg/L.

Through investigation we were unable to find an apparent reason for a high BOD result during the second week of July. The treatment plant has been running as normal with no equipment problems or any abnormal issues. We reviewed the treatment process and had BOD trending downward the rest of the month.

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

Sincerely,

Curt Otto
Process Supervisor

CEO/ Hite Creek. 7/24.

Cc: V. Teague
K. Robinson
M. Saylor

					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample	=	22.0	=	74.0	=	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														
X 80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	395.0	=	769.0	=	26 - lb/d	03/07 - Three Per Week	CP - COMPOS						
					Permit Req.	<=	751.0 MO AVG	<=	1127.0 MX WK AV	<=	26 - lb/d	03/07 - Three Per Week	24 - COMP24						
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample	=	129.0	=	149.0	=	19 - mg/L	03/07 - Three Per Week	CP - COMPOS						
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV		19 - mg/L	03/07 - Three Per Week	24 - COMP24						
					Value NODI														
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample	=	92.0				23 - %	03/07 - Three Per Week	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	=	93.0				23 - %	03/07 - Three Per Week	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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Attachments

Name	Type	Size
HiteCreekCoverletter072024.pdf	pdf	41813.0
HCMOR072024.XLS	xls	329216.0

Report Last Saved By

Hite Creek WQTC MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG
 Name: Curt Otto
 E-Mail: curt.otto@louisvillemsd.org
 Date/Time: 2024-08-15 13:59 (Time Zone: -04:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG
 Name: Curt Otto
 E-Mail: curt.otto@louisvillemsd.org
 Date/Time: 2024-08-15 14:06 (Time Zone: -04:00)