



700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.540.6000 | LouisvilleMSD.org

June 5, 2024

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

**Re: Derek Guthrie Water Quality Treatment Center
KPDES Permit No. KY0078956,
Discharge monitoring report for May 2024.**

Dear Ms. Crystal Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Derek Guthrie WQTC, KPDES No: KY0078956, for the month of May 2024.

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, West Region

SMH/West County 5/24

Enclosures

cc: B. Tinnell
V. Graves
M. Saylor

					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample	=	5.9	=	12.6	19 - mg/L	0	01/07 - Weekly	CP - COMPOS							
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24							
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	63.667	=	74.959	03 - MGD	0	99/99 - Continuous	CN - CONTIN							
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD	0	99/99 - Continuous	RC - Recorder (auto)							
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	63.148	=	77.834	03 - MGD	0	99/99 - Continuous	CN - CONTIN							
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD	0	99/99 - Continuous	RF - RCDFLOW							
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample	<	0.016	<	0.016	19 - mg/L	0	01/01 - Daily	GR - GRAB							
					Permit Req.	<=	0.019 MO AVG	<=	0.019 MX WK AV	19 - mg/L	0	01/01 - Daily	GR - GRAB							
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample	=	29.0	=	99.0	13 - #/100mL	0	01/01 - Daily	GR - GRAB							
					Permit Req.	<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	0	01/01 - Daily	GR - GRAB							
					Value NODI															
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample	=	97.0			23 - %	0	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	=	99.0			23 - %	0	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
DRGOverflow.pdf	pdf	55468.0
DRGcover0524.pdf	pdf	37508.0
WCMOR061318052024.XLS	xls	138240.0

Report Last Saved By

Derek R Guthrie WQTC MSD

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2024-06-10 09:18 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2024-06-17 10:47 (Time Zone: -04:00)



**IMSAST0004
Overflow Report
5/1/2024 12:00:00 AM to 5/31/2024 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0078956	MSD0277	DEREK R. GUTHRIE	OHIO RIVER	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Lift Station	MSD1203-PS	4005 KIRBY LN	DEREK R. GUTHRIE	FERN CREEK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3798630		5/27/2024 12:40:00 AM	BUTLER	HUDGINS JR	REPAIRED - ISSUE RESOLVED	5/27/2024 12:00:00 AM	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE-WATERS	05/27/24 12:48 AM	

Discharge Reporting:

Discharge Amount:	200 GAL
Cause:	POWER OUTAGE (LG&E).
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND IN THE RIVER.
Repair:	GENERATOR UTILIZED UNTIL POWER RESTORED.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

5/27/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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