



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

August 19, 2025

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 July 2025.**

Dear Ms. 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 July 2025.

There were no bypasses or exceedances to report.

Also attached is an overflow report.

If you have any questions concerning the attached DMR's, please contact me at (502)260-7395 or kevin.thompson@louisvillemad.org.

Sincerely,

Kevin Thompson
Process Supervisor
KLT 07/25
Enclosures

cc: B. Tinnell
V. Graves
M. Saylor

					Value NODI													
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample	=	7.9	=	10.4	19 - mg/L	01/07 - Weekly	CP - Composite						
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	01/07 - Weekly	24 - 24 Hour Composite						
					Value NODI													
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	49.795	=	79.789	03 - MGD	01/01 - Daily	CN - Continuous						
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD	99/99 - Continuous	RC - Recorder (auto)						
					Value NODI													
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	48.782	=	78.115	03 - MGD	01/01 - Daily	CN - Continuous						
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD	99/99 - Continuous	RF - Recorded Flow						
					Value NODI													
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample					< 0.016	01/01 - Daily	GR - Grab						
					Permit Req.					<= 0.019 MO AVG	01/01 - Daily	GR - Grab						
					Value NODI													
51040	E. coli	1 - Effluent Gross	0	--	Sample	=	6.0	=	10.0	13 - #/100mL	01/01 - Daily	GR - Grab						
					Permit Req.		<= 130.0 30DA GEO		<= 240.0 7 DA GEO	13 - #/100mL	01/01 - Daily	GR - Grab						
					Value NODI													
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample	=	93.0			23 - %	01/01 - Daily	CA - Calculated						
					Permit Req.		>= 85.0 MO AV MN			23 - %	01/30 - Monthly	CA - Calculated						
					Value NODI													
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	98.0			23 - %	01/01 - Daily	CA - Calculated						
					Permit Req.		>= 85.0 MO AV MN			23 - %	01/30 - Monthly	CA - Calculated						
					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
072025_DRG_Dischargereport.pdf	pdf	52372.0
072025_DRG_coverletter.pdf	pdf	38458.0
072025_DRG_MOR.pdf	pdf	140214.0

Report Last Saved By

Derek R Guthrie WQTC MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG
 Name: Curt Otto
 E-Mail: curt.otto@louisvillemmsd.org
 Date/Time: 2025-08-20 08:19 (Time Zone: -04:00)

Report Last Signed By

User: kevin.thompson@louisvillemmsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemmsd.org
 Date/Time: 2025-08-20 09:23 (Time Zone: -04:00)



**IMSAST0004
Overflow Report
7/1/2025 12:00:00 AM to 7/31/2025 12:00:00 AM**

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

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Manhole	35424	8322 ST ARMANDS CT	FISHPOOL CREEK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3976261		7/23/2025 11:45:00 AM	GIBSON		REPAIRED - ISSUE RESOLVED	7/23/2025 12:00:00 AM	OBSTRUCTION-NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE-WATERS	07/23/25 01:00 PM	MAIN

Discharge Reporting:

Discharge Amount:	10 GAL
Cause:	OBSTRUCTION IN MAIN SEWER.
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	MSD PERSONNEL ADVISED THE CUSTOMER TO AVOID CONTACT WITH SEWAGE.
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.
Repair:	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 3976262.
Public Notification:	ADVISED CUSTOMER ON SITE.

Notifications:

7/24/25 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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