



Safe, clean waterways

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

January 16, 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 December 2023.**

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 December 2023.

Also attached is 4th quarter biomonitoring.

Also attached is the 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 12/23

Enclosures

cc: B. Tinnell
V. Graves
M. Saylor

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		01/01 - Daily	GR - GRAB
					Value NODI								
51040	E. coli	1 - Effluent Gross	0	--	Sample	=	6.0	=	9.0	13 - #/100mL	0	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	=	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	=	99.0			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
DRGCover1223.pdf	pdf	36224.0
DRGMOR1223.pdf	pdf	143065.0
DRGOverflow1223.pdf	pdf	59193.0

Report Last Saved By

Derek R Guthrie WQTC MSD

User: staci.huber@louisvillemd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemd.org
 Date/Time: 2024-01-19 09:57 (Time Zone: -05:00)

Report Last Signed By

User: staci.huber@louisvillemd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemd.org
 Date/Time: 2024-01-19 09:57 (Time Zone: -05:00)

DMR Copy of Record

Permit																							
Permit #:	KY0078956			Permittee:	Derek R Guthrie WQTC MSD				Facility:	DEREK R GUTHRIE WQTC MSD													
Major:	Yes			Permittee Address:	700 W Liberty St Louisville, KY 40203				Facility Location:	11621 LOWER RIVER RD LOUISVILLE, KY 40272													
Permitted Feature:	001 External Outfall			Discharge:	001-2 QUARTERLY BIOMONITORING																		
Report Dates & Status																							
Monitoring Period:	From 10/01/23 to 12/31/23			DMR Due Date:	01/28/24				Status:	NetDMR Validated													
Considerations for Form Completion																							
Principal Executive Officer																							
First Name:	James			Title:	Executive Director				Telephone:	502-540-6000													
Last Name:	Parrott																						
No Data Indicator (NODI)																							
Form NODI:	--																						
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req.	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type							
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units						
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req.															0	01/90 - Quarterly	24 - COMP24	
					Value NODI																	01/90 - Quarterly	24 - COMP24
Submission Note																							
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User:	staci.huber@louisvillemtd.org																						
Name:	Staci Huber																						
E-Mail:	staci.huber@louisvillemtd.org																						
Date/Time:	2024-01-17 09:01 (Time Zone: -05:00)																						
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User:	staci.huber@louisvillemtd.org																						
Name:	Staci Huber																						
E-Mail:	staci.huber@louisvillemtd.org																						
Date/Time:	2024-01-19 09:58 (Time Zone: -05:00)																						



**IMSAST0004
Overflow Report
12/1/2023 12:00:00 AM to 12/31/2023 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 Manhole	117174	8800 ADMIRAL DR	DEREK R. GUTHRIE	PENNSYLVANIA RUN	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	3729216		12/6/2023 2:00:00 PM	SOSA RODRIGUEZ	ROBINSON	REPAIRED - ISSUE RESOLVED	12/7/2023 12:00:00 AM	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE- WATERS	12/07/23 10:32 AM	

Discharge Reporting:

Discharge Amount:	500 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ASSET BREAKER TRIPPED.
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND AROUND MANHOLE.
Repair:	RESET BREAKERS , NO ISSUE FOUND WO:3729209.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

12/7/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
12/7/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION