



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

February 9, 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 January 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 January 2024.

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 1/24.

Enclosures

cc: B. Tinnell
V. Graves
M. Saylor

50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.016	<	0.016	19 - mg/L	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							=	22.0	=	103.0	13 - #/100mL	01/01 - Daily	GR - GRAB
					Permit Req.						<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	6	01/01 - Daily	GR - GRAB
					Value NODI													
81010	BOD, 5-day, 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							=	98.0			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
DRGMOR.pdf	pdf	143617.0
DRGOverflow.pdf	pdf	287555.0
DRGcover(2).pdf	pdf	36229.0

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: 2024-02-16 09:07 (Time Zone: -05:00)

Report Last Signed By

User: staci.huber@louisvillemsd.org
Name: Staci Huber
E-Mail: staci.huber@louisvillemsd.org
Date/Time: 2024-02-16 09:09 (Time Zone: -05:00)

178956 MSD0277 DEREK R. GUTHRIE OHIO RIVER NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sanitary Manhole	22273	5216 ST GABRIEL LN	DEREK R. GUTHRIE	FERN CREEK	CATCH BASIN

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
UNAUTHORIZED DISCHARGE	3737394		1/6/2024 11:30:00 AM	GRIGSBY JR		REPAIRED - ISSUE RESOLVED	1/6/2024 12:00:00 AM	OBSTRUCTION-NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE-WATERS	01/06/24 12:16 PM	

Discharge Reporting:

Discharge Amount:	750 GAL
Cause:	FURTHER INVESTIGATION NEEDED -- WORK ORDER # 3737388 FOR INSPECTION.
Clean Up:	DISCLEAN WORK ORDER MADE FOR AREA SUPERVISOR.
Control Zone:	ADVISED CUSTOMER TO AVOID DIRECT CONTACT WITH SEWAGE.
Impact:	OBSERVED BY MSD PERSONNEL.
Repair:	REFERRED FOR TVI, FLUSHED MAIN 75 FT GOT OPEN.
Public Notification:	ADVISED PUBLIC WITH DISCHARGE SIGNS IN AREA.

Notifications:

1/7/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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178956	MSD0277	DEREK R. GUTHRIE	OHIO RIVER	NA	
ity Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
er Manhole	93703	8800 ADMIRAL DR	DEREK R. GUTHRIE	PENNSYLVANIA RUN	GROUND

ity Code / cription	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
W:DRY .THER HARGE	3737317		1/5/2024 4:15:00 PM	CATALANO JR	BROADEN	DOCUMENTED	3/24/2018 12:00:00 AM	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	01/05/24 11:03 PM	MAIN

Discharge Reporting:

Discharge Amount:	65,700 GAL
Cause:	STRUCTURAL FAILURE FORCEMAIN BREAK ON 20" LINE FROM STATION WO#3737314.
Clean Up:	AREA DISINFECTED WITH LIME.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE ON GROUND AROUND MANHOLE.
Repair:	CONTACTED CONTRACTOR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

1/6/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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178956	MSD0277	DEREK R. GUTHRIE	OHIO RIVER	NA							
Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station		Receiving Stream			Discharge To			
Manhole	93703	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
EV:RAIN NT CHARGE	3739622		1/9/2024 8:25:00 AM	SUMMERS	FRENCH MARZIAN	DOCUMENTED	3/24/2018 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	01/09/24 08:30 AM	MAIN

Discharge Reporting:

Discharge Amount:	100 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND ON THE GROUND.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	ADVISED CUSTOMER BY DOOR CARD.

Notifications:

1/9/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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078956	MSD0277	DEREK R. GUTHRIE		OHIO RIVER		NA					
Activity Type	Facility ID	Facility Address	If Pump Station, Name of Station			Receiving Stream	Discharge To				
er Main	93703-T	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
W:DRY THER HARGE	3737314		1/5/2024 3:00:00 PM	CATALANO JR	CATALANO JR	REPAIRED - ISSUE RESOLVED	1/4/2024 12:00:00 AM	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	01/05/24 03:35 PM	

Discharge Reporting:

Discharge Amount:	17,500 GAL
Cause:	STRUCTURAL FAILURE (FORCEMAIN BREAK).
Clean Up:	NONE AT THIS TIME.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND ON THE GROUND.
Repair:	CONTACTED CONTRACTOR FOR REPAIR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

1/6/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
1/6/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

178956	MSD0277	DEREK R. GUTHRIE	OHIO RIVER	NA							
Activity Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To						
Manhole	93704	8800 ADMIRAL DR	DEREK R. GUTHRIE	CEDAR CREEK	DITCH						
Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
EV:RAIN NT HARGE	3739680		1/9/2024 11:30:00 AM	SOSA RODRIGUEZ	WILLIAMS JR	REPAIRED - ISSUE RESOLVED	1/9/2024 12:00:00 AM	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE- WATERS	01/09/24 01:25 PM	

Discharge Reporting:

Discharge Amount:	2,250 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ASSET (BREAKER TRIPPED).
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	PERSONAL HYGIENE PRODUCTS VISIBLE AROUND MAN HOLE.
Repair:	RESET BREAKER RESTORE POWER.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

1/10/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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078956	MSD0277	DEREK R. GUTHRIE	OHIO RIVER	NA	
ility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
er Manhole	93705	8800 ADMIRAL DR	DEREK R. GUTHRIE	PENNSYLVANIA RUN	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
REV:RAIN NT CHARGE	3739656		1/9/2024 11:53:00 AM	SUMMERS	FRENCH MARZIAN	DOCUMENTED	9/24/2018 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	01/09/24 08:30 AM	MAIN

Discharge Reporting:

Discharge Amount:	100 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	DISCLN WORK ORDER# 3739660
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND ON THE GROUND.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	ADVISED CUSTOMER BY DOOR CARD.

Notifications:

1/9/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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