

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

October 13, 2021

Ms. Crystal Dennis Kentucky Division of Water 200 Fair Oaks Lane Frankfort, Kentucky 40601

Re: Derek Guthrie Water Quality Treatment Center KPDES Permit No. KY0078956,
Discharge monitoring report for September 2021.

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 September 2021.

There were no exceedances or bypass reports for the Derek Guthrie WQTC.

Also attached are overflow and 3rd quarter Biomonitoring reports.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6031. Sincerely,

Kevin Thompson

Process Supervisor, West Region

KLT/West County 09/21

Enclosures

cc: C. Roth

V. Graves

R. Shaw

DMR Copy of Record

Downsid	
Permit	

KY0078956 Permit #:

Derek R Guthrie WQTC MSD Permittee:

Yes Major:

700 W Liberty St Louisville, KY 40203 Permittee Address:

Facility Location:

Facility:

Status:

DEREK R GUTHRIE WQTC MSD

Permitted Feature: 001 External Outfall Discharge: 001-1

DMR Due Date:

11621 LOWER RIVER RD LOUISVILLE, KY 40272

NetDMR Validated

Report Dates & Status

From 09/01/21 to 09/30/21 **Monitoring Period:**

SANITARY WASTEWATER

Considerations for Form Completion

Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Principal Executive Officer

First Name: James

Title: Telephone: Executive Director 502-540-6000 Parrott

10/28/21

No Data Indicator (NODI)

Last Name:

	Parameter	Monitoring Location	Season #	Param. NODI				antity or Lo						Quality or Conc				# of E	x. Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	2 Value 2	Units			Qualifier 2	2 Value 2	Qualifier	3 Value 3	Units	4	04/04 D-ib.	OD ODAD
					Sample Permit Req.						= 5. >= 2.	0 INST MIN					19 - mg/L 19 - mg/L			GR - GRAB GR - GRAB
0300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Value NODI						/- <u>-</u>	O II COT IVIII C					13 mg/L	0	Oliver Bally	OK GIVID
					Sample	=	2189.0	=	2960.0	26 - lb/d			=	7.0	=	8.0	19 - mg/L		01/01 - Daily	24 - COMP24
0310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.	<=	15021.0 MO AVG	<=	22532.0 MX WK AV	26 - Ib/d			<=	30.0 MO AVG	<=		19 - mg/L	0		24 - COMP24
	202, 0 44, 20 403. 0	c.iii G.eee		,	Value NODI															
					Sample								=	209.0	=	252.0	19 - mg/L		01/01 - Daily	24 - COMP24
0310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Permit Req.									Req Mon MO AV	G	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	24 - COMP24
	, , , , , , , , , , , , , , , , , , , ,			,	Value NODI															
					Sample						= 7.	0			=	7.5	12 - SU		01/01 - Daily	GR - GRAB
0400	pH	1 - Effluent Gross	0		Permit Req.						>= 6.	0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	01/01 - Daily	GR - GRAB
				,	Value NODI															
					Sample	=	1764.0	=	3242.0	26 - lb/d				5.0	=	6.0	19 - mg/L			24 - COMP24
0530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.	<=	15021.0 MO AVG	<=	22532.0 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	0	01/01 - Daily	24 - COMP24
				1	Value NODI															
					Sample								=	297.0	=	436.0	19 - mg/L		01/01 - Daily	24 - COMP24
0530	Solids, total suspended	G - Raw Sewage Influent	0		Permit Req.									Req Mon MO AV	G	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	24 - COMP24
				,	Value NODI															
					Sample								=	8.88	=	13.6	19 - mg/L		01/07 - Weekly	24 - COMP24
0600	litrogen, total [as N]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AV	G	Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
				,	Value NODI															
					Sample								=	27.53	=	47.5	19 - mg/L		01/07 - Weekly	24 - COMP24
0600	Nitrogen, total [as N]	G - Raw Sewage Influent	0		Permit Req.									Req Mon MO AV	G	Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
				,	Value NODI															
					Sample									0.6	=	0.9	19 - mg/L		01/01 - Daily	24 - COMP24
0610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.								<=	20.0 MO AVG	<=	30.0 MX WK AV	19 - mg/L	0	01/01 - Daily	24 - COMP24
				1	Value NODI															
					Sample								=	1.0	=	2.0	19 - mg/L		01/07 - Weekly	24 - COMP24
0665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AV	G	Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
				,	Value NODI															
					Sample								=	6.04	=	11.0	19 - mg/L		01/07 - Weekly	24 - COMP24
0665	Phosphorus, total [as P]	G - Raw Sewage Influent	0		Permit Req.									Req Mon MO AV	G	Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
				,	Value NODI															
					Sample	=	34.78	=	48.568	03 - MGD										RC - Recorder (a
0050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.		Req Mon MO AVO	3	Req Mon MX WK AV	03 - MGD								0	99/99 - Continuous	RC - Recorder (a
				,	Value NODI															
					Sample	=	33.63	=	46.901	03 - MGD									99/99 - Continuous	RF - RCDFLO
0050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0		Permit Req.		Req Mon MO AVG	3	Req Mon MX WK AV	03 - MGD								0	99/99 - Continuous	RF - RCDFLO
				,	Value NODI															

				Sample			<	0.016	<	0.016	19 - mg/L		01/01 - Daily	GR - GRAB	
50060	Chlorine, total residual	1 - Effluent Gross	0	 Permit Req.			<=	0.019 MO AVG	<=	0.019 MX WK AV	19 - mg/L	0	01/01 - Daily	GR - GRAB	
	oniomis, istaniosidadi			Value NODI											
				Sample			=	14.0	=	22.0	13 - #/100mL		01/01 - Daily	GR - GRAB	
51040	E. coli	1 - Effluent Gross	1 - Effluent Gross	0	 Permit Req.			<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	0	01/01 - Daily	GR - GRAB
				Value NODI											
		K - Percent Removal			Sample	=	96.0					23 - %		01/30 - Monthly	CA - CALCTD
81010	BOD, 5-day, percent removal		0	 Permit Req.	>=	85.0 MO AV MN	1				23 - %	0	01/30 - Monthly	CA - CALCTD	
				Value NODI											
				Sample	=	98.0					23 - %		01/30 - Monthly	CA - CALCTD	
81011	81011 Solids, suspended percent removal	K - Percent Removal	0	 Permit Req.	>=	85.0 MO AV MN	1				23 - %	0	01/30 - Monthly	CA - CALCTD	
		K - F GIOGIII NGIIIOVAI		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	Туре	Size
09_September_Discharge_Report_All_Service_FIN.pdf	pdf	133321.0
202109_DRG_Coverletter.pdf	pdf	34991.0
202109_DRG_MOR.pdf	pdf	129866.0

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: 2021-10-14 09:11 (Time Zone: -04:00)

Report Last Signed By

User: kevin.thompson@louisvillemsd.org

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Date/Time: 2021-10-18 13:33 (Time Zone: -04:00)

DMR Copy of Record

Permit																						
Permit #:		KY007895	6		Permitt	ee:		De	rek R G	uthrie W	QTC	MSD			Facility	:		DEREK R G	UTHF	RIE WQTC MS	D	
Major:		Yes			Permitt	ee Addres	s:		0 W Libe uisville, l	erty St KY 4020)3				Facility Location:			11621 LOWER RIVER RD LOUISVILLE, KY 40272				
Permitted	d Feature:	001 External O	utfall		Dischar	Discharge:				001-2 QUARTERLY BIOMONITORING												
Report Da	ates & Status				'																	
Monitorin	ng Period:	From 07/0	1/21 to 09/30/21		DMR D	ue Date:		10/	/28/21						Status:			NetDMR Va	lidate	d		
Considera	rations for Form Co	ompletion			·																	
Principal	Executive Officer																					
First Nam		James A.			Title:			Exe	ecutive I	Director					Teleph	one:		502-540-600	00			
Last Name	ne:	Parrott																				
No Data II	Indicator (NODI)																					
Form NO	DI:																					
	Parameter		Monitoring Location	Season #	Param. NODI				ty or Load						ality or Co				# of Ex	. Frequency of	Analysis S	Sample Ty
	Name						Qualifier 1	Value 1	Qualifier	r 2 Value 2	2 Units	Qualifier 1	Value 1	Qualifier 2				Units				
Code						Sample												2F - tox acute		01/90 - Quarter		4 - COME
																_	1 O MAYIMI IM	2E toy souto		01/00 Quarter		
61406 T	Toxicity, final conc to	exicity units	1 - Effluent Gross	0		Permit Req.										=	1.0 MAXIMUM	2F - tox acute	0	01/90 - Quarter	y 2	
61406 To	·	·				Permit Req. Value NODI		llowing	ı fields w	vill be su	bmitte	d for that	row: U	nits, Nun					-		y 2	
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KPDES #	Facility	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
	ID			

KY0078956 MSD0277 DEREK R. GUTHRIE OHIO RIVER NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	102339	9114 CINDERELLA LN		FISHPOOL CREEK	GROUND

Activity Code / Description	WO# Ref No	<u>Initiated</u>	Initiated By Assigned To	<u>Disch Status</u>	Event Date	<u>Problem</u>	<u>Result</u>	Completed Condition
: DISREV: RAIN EVENT	3427980	09/22/2021	CATALANO JR BOUTIN	DOCUMENTE	07/14/2015	LACK OF	UNAUTHORIZED	09/22/21 11:15
DISCHARGE				D		SYSTEM	DISCHARGE-	PM

Discharge Reporting:

Discharge Amount:	13,120 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

9/24/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region ID

KY0102784 MSD0294 FLOYDS FORK FLOYDS FORK NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to
SMHSewer Manhole 112064 1302 HELM PLACE LN POPE LICK DITCH

Activity Code / Description WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition 09/13/21 01:16 : DISDW: DRY WEATHER 3424298 09/13/2021 BIVIN BIVIN REPAIRED -09/13/2021 OBSTRUCTION-UNAUTHORIZED DISCHARGE **ISSUE** NOT GREASE / PM DISCHARGE-**RESOLVED** ROOTS WATERS MI

Discharge Reporting:

Discharge Amount:	7,800 GAL
Cause:	GREASE WIPES, RAGS, AND BROKEN PIECES OF MANHOLE LID.
Clean Up:	MSD CREW WILL CLEAN AREA.
Control Zone:	ADVISED CUSTOMER TO AVOID SEWAGE CONTACT.
Impact:	OBSERVED MH# 112064 DISCHARGING 100 GPM.
Repair:	FLUSHED MAIN SEWERS AND MANHOLES SEVERAL TIMES. SIGNIFICANT GREASE BUILD-UP IN MH# 112065.
Public Notification:	ON SITE AND SIGNS.

Notifications:

9/13/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	\prod
9/13/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	



KY0022411

KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

ID

MSD0278 MORRIS FORMAN NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SMHSewer Manhole 28249 3500 ST EDWARDS DR CHENOWETH RUN DITCH

Problem LACK OF **Activity Code / Description** WO # Ref No Initiated By **Assigned To Disch Status Event Date** Result Completed **Condition** <u>Initiated</u> DOCUMENTE : DISREV: RAIN EVENT 3427983 09/22/2021 DAVIS BROWNMITCHELL 03/12/2006 UNAUTHORIZED 09/23/21 09:17

DISCHARGE D SYSTEM DISCHARGE- AM

Discharge Reporting:

2.00m.ig. : (c) 2.00m.ig.		
Discharge Amount:	4,705 GAL	
Cause:	LACK OF SYSTEM CAPACITY.	
Clean Up:	WO#3428143.	
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.	
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.	
Repair:	LOCATION INCLUDED IN IOAP.	
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.	

Notifications:

9/24/21 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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KY0022411

Facility Water Quality Treatement Center Receiving Stream of Treatment Center KPDES# Region

MSD0278 MORRIS FORMAN NA

Facility Type Facility ID If Pump Station, Name of Pump Station: **Receiving Stream** Discharge to **Facility Address**

SMHSewer Manhole 28250 3506 CHARLANE PKY

CHENOWETH RUN

Problem LACK OF **Activity Code / Description** WO # Ref No Initiated By **Assigned To Disch Status Event Date** Result Completed **Condition** <u>Initiated</u> DOCUMENTE : DISREV: RAIN EVENT 3427984 09/22/2021 DAVIS BROWNMITCHELL 01/03/2005 UNAUTHORIZED 09/23/21 09:17

DISCHARGE D SYSTEM DISCHARGE-AM

MAIN

DITCH

Discharge Reporting:

<u> </u>	
Discharge Amount:	946 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#3428133.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/24/21 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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KY0022411

KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

ID

MSD0278 MORRIS FORMAN NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SMHSewer Manhole 28336 3620 CHARLANE PKY

CHENOWETH RUN DITCH

MAIN

Problem LACK OF Activity Code / Description WO # Ref No Initiated By **Assigned To Disch Status Event Date** Result Completed Condition <u>Initiated</u> 3427985 DOCUMENTE 09/23/21 09:22 : DISREV: RAIN EVENT 09/22/2021 DAVIS BROWNMITCHELL 08/30/2005 UNAUTHORIZED

D DISCHARGE D SYSTEM DISCHARGE- AM

Discharge Reporting:

2.133.11.11.gc 1.13pc 1.11.gc		
69,825 GAL		
LACK OF SYSTEM CAPACITY.		
WO#3428145.		
CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.		
SEWAGE/WATER DISCHARGING FROM MANHOLE.		
LOCATION INCLUDED IN IOAP.		
PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.		

Notifications:

9/24/21 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

KY0022411 MSD0278 MORRIS FORMAN NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SMHSewer Manhole 28340 3620 CHARLANE PKY CHENOWETH RUN GROUND

Problem LACK OF Result **Activity Code / Description** WO # Ref No Initiated By **Assigned To Disch Status Event Date** Completed Condition <u>Initiated</u> DOCUMENTE 09/23/21 09:20 : DISREV: RAIN EVENT 3427499 09/20/2021 DAVIS BROWNMITCHELL 01/03/2005 UNAUTHORIZED DISCHARGE D SYSTEM DISCHARGE-AM MAIN

Discharge Reporting

Distriarge Reporting.	
Discharge Amount:	46,550 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3428141.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.

Notifications:

9/24/21 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	9/24/21 1		DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

KY0022411 MSD0278 MORRIS FORMAN NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SMHSewer Manhole 28413 3317 DELL RD CHENOWETH RUN GROUND

Problem LACK OF Result **Activity Code / Description** WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Completed **Condition** 3427986 DOCUMENTE : DISREV: RAIN EVENT 09/22/2021 DAVIS BROWNMITCHELL 03/20/2002 UNAUTHORIZED 09/23/21 09:27 DISCHARGE D SYSTEM DISCHARGE-AM

ARGE D SYSTEM DISCHARGE- AM

Discharge Reporting:

919 GAL
LACK OF SYSTEM CAPACITY.
WO#3428134.
CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
SEWAGE/WATER DISCHARGING FROM MANHOLE.
LOCATION INCLUDED IN IOAP.
PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/24/21 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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Facility Water Quality Treatement Center Receiving Stream of Treatment Center KPDES# Region

MSD0278 MORRIS FORMAN NA KY0022411

Facility Type Facility ID If Pump Station, Name of Pump Station: **Receiving Stream** Discharge to **Facility Address**

SMHSewer Manhole 3322 DELL RD 28414 CHENOWETH RUN **GROUND**

Problem LACK OF Result **Activity Code / Description** WO # Ref No Initiated By **Assigned To Disch Status Event Date** Completed **Condition** <u>Initiated</u> DOCUMENTE : DISREV: RAIN EVENT 3427987 09/22/2021 DAVIS BROWNMITCHELL 01/03/2005 UNAUTHORIZED 09/23/21 09:27 DISCHARGE D SYSTEM DISCHARGE-AM

Discharge Reporting:

Discharge Amount:	1,832 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO #3428135.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/24/21 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

KY0022411 MSD0278 MORRIS FORMAN NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SMHSewer Manhole 28415 3406 DELL RD CHENOWETH RUN GROUND

Problem LACK OF Result **Activity Code / Description** WO # Ref No Initiated By **Assigned To Disch Status Event Date** Completed Condition <u>Initiated</u> 3427988 09/23/21 09:29 : DISREV: RAIN EVENT 09/22/2021 DAVIS BROWNMITCHELL DOCUMENTE 12/19/2002 UNAUTHORIZED DISCHARGE D SYSTEM DISCHARGE-AM

MAIN

Discharge Reporting:

Discharge Amount: Cause: LACK OF SYSTEM CAPACITY. Clean Up: WO #3428136. Control Zone: CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA. Impact: SEWAGE/WATER DISCHARGING FROM MANHOLE. Repair: LOCATION INCLUDED IN IOAP. Public Notification: PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.	J	
Clean Up: WO #3428136. Control Zone: CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA. Impact: SEWAGE/WATER DISCHARGING FROM MANHOLE. Repair: LOCATION INCLUDED IN IOAP. Public Notification: PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH	Discharge Amount:	1,820 GAL
Control Zone: CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA. Impact: SEWAGE/WATER DISCHARGING FROM MANHOLE. Repair: LOCATION INCLUDED IN IOAP. Public Notification: PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH	Cause:	LACK OF SYSTEM CAPACITY.
Impact: SEWAGE/WATER DISCHARGING FROM MANHOLE. Repair: LOCATION INCLUDED IN IOAP. Public Notification: PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH	Clean Up:	WO #3428136.
Repair: LOCATION INCLUDED IN IOAP. Public Notification: PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH	Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Public Notification: PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH	Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.
	Repair:	LOCATION INCLUDED IN IOAP.
	Public Notification:	

Notifications:

9/24/21 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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Facility Water Quality Treatement Center Receiving Stream of Treatment Center KPDES# Region

MSD0278 MORRIS FORMAN NA KY0022411

Facility Type Facility ID If Pump Station, Name of Pump Station: **Receiving Stream Facility Address** Discharge to

SMHSewer Manhole 28451 3406 CHARLANE PKY CHENOWETH RUN **GROUND**

Problem LACK OF Result Activity Code / Description WO # Ref No Initiated By **Assigned To Disch Status Event Date** Completed Condition <u>Initiated</u> DOCUMENTE 09/21/21 08:12 : DISREV: RAIN EVENT 3427498 09/20/2021 DAVIS BROWNMITCHELL 10/28/2015 UNAUTHORIZED DISCHARGE D SYSTEM DISCHARGE-AM

Discharge Reporting:

The state of the s	
Discharge Amount:	2,134 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO #3428132.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.

Notifications:

9/24/21 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.OI SAYRE.DENNIS@EPAMAIL.EPA.GOV	₹G,
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KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

ID MSD0278

MORRIS FORMAN

NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SMHSewer Manhole 28453 3402 CHARLANE PKY

CHENOWETH RUN DITCH

Problem LACK OF **Activity Code / Description** WO # Ref No Initiated By **Assigned To Disch Status Event Date** Result Completed <u>Initiated</u> DOCUMENTE : DISREV: RAIN EVENT 3428150 09/20/2021 DAVIS BROWNMITCHELL 10/28/2015 UNAUTHORIZED 09/21/21 08:11

D SYSTEM DISCHARGE- AM

DISCHARGE

KY0022411

MAIN

Condition

Discharge Reporting:

- · · · · · · · · · · · · · · · · · · ·	
Discharge Amount:	34,530 GAL
Cause:	LACK OF SYSTEM CAPACITY, HEAVY RAIN.
Clean Up:	WO #3428130.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/24/21 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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KY0022411

Facility Water Quality Treatement Center Receiving Stream of Treatment Center KPDES# Region

MSD0278

MORRIS FORMAN NA

Facility Type Facility ID If Pump Station, Name of Pump Station: **Receiving Stream** Discharge to **Facility Address**

SMHSewer Manhole 45796 1011 ALTA CIR MIDDLE FORK BEARGRASS DITCH

Activity Code / Description WO # Ref No Initiated By **Assigned To Disch Status Event Date** <u>Problem</u> Completed Condition <u>Initiated</u> Result 3427989 DOCUMENTE 09/23/21 08:00 : DISREV: RAIN EVENT 09/22/2021 DAVIS BROWNMITCHELL 05/10/2014 LACK OF **UNAUTHORIZED** DISCHARGE D SYSTEM DISCHARGE-AM

MAIN

Discharge Reporting:

Discharge Amount:	48,000 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	NO ACCESS, MANHOLE LOCATED IN THE CENTER OF THE CREEK.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/24/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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NA



KY0022411

KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

ID .

MSD0278 MORRIS FORMAN

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SMHSewer Manhole CSO125 376 CRESCENT SPRING DR MIDDLE FORK BEARGRASS STREAM

Activity Code / Description WO # Ref No Initiated Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

: DISDW: DRY WEATHER 3430480 10/01/2021 FRENCH FRENCH REPAIRED - 10/16/2015 UTILITY UNAUTHORIZED 10/01/21 03:25
DISCHARGE DAMAGED MSD DISCHARGE PM

ISSUE DAMAGED MSD_DISCHARGE- PM RESOLVED ASSET WATERS

Discharge Reporting:

<u> </u>	
Discharge Amount:	325,000 GAL
Cause:	DISCHARGED WATER INCLUDES RESIDUAL WASTE STREAM FROM MUNICIPAL DRINKING WATER TREATMENT.
Clean Up:	MSD CREWS WILL CLEAN AND SANITIZE IMPACTED AREAS.
Control Zone:	MSD CREWS WILL CLEAN AND SANITIZE THE IMPACTED AREA.
Impact:	MOSTLY CLEAR WATER DISCHARGING FROM CSO OUTFALL TO CREEK.
Repair:	LWC WORKING TO REPAIR LINE.
Public Notification:	MSD WEBSITE UPDATED TO NOTIFY THE PUBLIC OF A DRY WEATHER OVERFLOW.

Notifications:

10/2/21 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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NA

MAIN



KY0022411

KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

ID MSD0278

MORRIS FORMAN

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to SMHSewer Manhole IS021A-SI 1201 OLD CANNONS LN MIDDLE FORK BEARGRASS STREAM

SMHSewer Manhole IS021A-SI 1201 OLD CANNONS LN MIDDLE FORK BEARGRASS STREAM

Activity Code / Description WO # Ref No Initiated By **Event Date Problem** Condition **Initiated Assigned To Disch Status** Result <u>Completed</u> UNAUTHORIZED : DISREV: RAIN EVENT 3427477 09/20/2021 DAVIS BROWNMITCHELL DOCUMENTE 08/01/1969 LACK OF 09/23/21 02:15

DISCHARGE D SYSTEM DISCHARGE- AM

Discharge Reporting:

1,200,000 GAL
LACK OF SYSTEM CAPACITY HEAVY RAIN.
NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
PERMANENT SIGN IN PLACE – NO ADDITIONAL CONTROL ZONE SET UP.
NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
LOCATION INCLUDED IN THE IOAP.
PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS POSTED ALONG THE CREEK, TO AVOID DISCHARGED CONTENT.

Notifications:

9/24/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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Total Facilities Printed: 14

Total Work Orders Printed: 14

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Name of Sewage Treatment Plan KPDES Permit Number:					West County WTP									Jefferson					, r	Month of:			September 2021														
					KY007	78956			Plant Ca	apacity:	-	3(MGD	D County			Receiving Str			eam:			Ohio River														
(i) Raw			_	Settleable			Dissolved			Suspended			Total			5-day BOD			Activated Sludge			Aeration							Phosphorus			_		Tota	al	Cr +6	
(MG)		/age ν	pН		Solids (mL/L)		Oxygen (mg/L)			Solids (mg/L)			Solids (mg/L)			(mg/L)			Return		/AS	Basin							mg/L		Final	Final	Final	mg/	/L	mg/L	
Date Total Flow	Removed (cu. ft.)	Screenings (cu. ft.)	Raw	Final	Raw	Primary (or Sec.)	Final	Stream	Final	Stream	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Gal/Day MLSS	X 1000	Gal/Day X 1000	Oxygen (mg/L)#1	Oxygen (mg/L) #2	(mg/L) X1000 #18#2	MLVSS (mg/L) x1000	30 min. SVI	60 min. SVI	% Solids	Raw	Final	Chlorine Residual (mg/L)	NH3-N (mg/L)	E. Coli (MPN)	Raw	Final	Final
1 53.11			7.1	7.3					7.0		20.0		4.0				147.0		5.0		080				3720	2980	215			4.10		0.016	0.82				0.005
2 31.49			7.1	7.3					7.0	2	36.0		4.0				186.0		5.0		5500				3320	2640	230					0.016	0.20	4			
3 23.90			6.9	7.1					7.0		96.0		3.0				244.0		6.0		5580				3280	2660	210					0.016	0.44	12			
4 22.08			6.8	7.0	_				7.0		48.0		4.0	_			179.0		5.0		1490				2980	2350	200					0.016	0.20	17	_		
5 63.20			6.9	7.1					7.0		81.0	_	7.0	_			116.0		12.0		5800				4620	3840	220					0.016	1.10	14			
6 39.06			7.1	7.2					7.0		52.0	-	4.0	-	-		137.0	_	3.0		5780			-	4380	3480	230					0.016	0.20	11		_	
7 30.40		-	7.1	7.2	-	-			7.0		52.0	-	3.0	-	_		349.0	_	4.0		3100	_		+	4760	3760	220	_				0.016	0.25	18		_	
8 28.59 9 27.35			7.1 6.9	7.2	-	-	-	_	7.0		16.0	-	4.0	-	_		304.0	_	7.0		5640	_		+	4350	3470	230	_		7.10	1.98	0.016	0.38	11		10	
10 24.49	_		6.9	7.4	-				5.2 7.0		16.0	-	5.0 4.0	-	-		240.0		9.0		3280			+	2980	2400	200			-	\vdash	0.016	0.43	21	_	-	
11 21.85			6.9	7.2					6.4		56.0	-	3.0	-	-		161.0		5.0		5480 5540	-		+	3440 3010	2620 2410	160 190				\vdash	0.016	0.26	66 6		\rightarrow	
12 21.82			7.0	7.1					6.7		40.0	-	4.0	-			166.0	_	6.0		5260			+	3280	2630	180					0.016	0.35	22		\rightarrow	
13 21.85			6.6	7.0					7.0		53.0	\rightarrow	4.0	\rightarrow			218.0		8.0	-	5320	-	-	1	2880	2220	160			-		0.016	0.40	18		\rightarrow	
14 21.57			6.7	7.2					7.0		64.0	_	4.0	\neg			454.0		9.0		5120			1	2760	2160	180				-	0.016	0.54	70			
15 22.20			7.0	7.2					7.0		92.0		4.0	_			372.0		8.0		1640			1	2620	2120	180			11.00	2.18	0.016	0.38	-		14	
16 22.47			6.9	7.4					7.0	_	48.0		4.0	\neg	_		150.0		5.0		5060				3040	2500	160			11100	2.10	0.016	0.28	_			
17 21.92			6.8	7.2					7.0		67.0		6.0				211.0		6.0		1660				3020	2360	150					0.016	0.52	_			
18 19.88			7.1	7.2					7.0		12.0		6.0				211.0		7.0		1500				2400		150					0.016	0.43	_			
19 22.74			7.2	7.5					7.0		20.0		7.0				293.0		10.0		1480				2360	1880	150					0.016	2.00	19			
20 59.96			7.0	7.1					7.0		64.0		10.0				209.0		11.0		1340				2540	2000	140					0.016	1.90	2			
21 54.69			6.9	7.3					7.0		66.0		6.0				118.0		7.0		5820				3240.00	2500	150					0.016	0.79	18			
22 116.61			6.9	7.1					7.0		96.0		14.0				60.0		10.0		6680				2080	1640	110			1.96	0.65	0.016	0.52	2	-11	6	
23 66.17			6.8	7.3					7.0		10.0		5.0				91.0		4.0		5880				2920.00	2200	150					0.016	0.57	77			
24 42.82			7.2	7.2					7.0		36.0	_	5.0	\rightarrow			133.0		5.0		3180				2500	1860	150					0.016	0.20	17			
25 31.36			7.2	7.1					6.7		40.0	_	5.0	\rightarrow			100.0		5.0		5500				3020	2440	180					0.016	0.65	4	\rightarrow		
26 27.99		_	7.0	7.1					6.5		68.0	_	4.0	_			179.0		5.0		5060			+	3040	2360	170					0.016	0.27		\rightarrow		
27 28.83			6.9	7.2	_			-	7.0		0.00	-	5.0	_			266.0		7.0		1220			-	2740		160					0.016	0.41	2	\rightarrow	-	
28 26.20	_		7.1	7.1				-	7.0		53.0	-	5.0	-	_	_	224.0		13.0		1600			-	2440		140	_				0.016	0.82		_		
29 24.95			6.9	7.1	_	-		-	7.0		0.88	-	5.0	\rightarrow	-	_	288.0	_	13.0		1540	-		-	2420		140	_	-	-	-	0.016	0.49		_	-	
30 23.94			7.0	7.0	_			-	7.0		0.80	-	5.0	-	_	_	246.0	_	17.0		1840	-		-	2660	2040	150			-	-	0.016	1.60	288	\rightarrow	-	
Total 1043.5	0	a			-				\vdash		_		_							0.0		- 0.0		+	1					-			_	_			
Avg. 34.78	-	- 0	7.0	7.2	-			-	6.9		96.9		5.1	-			209.1		7.4	0.0	32.33	0.0	11.1	-	2002 22	2440.67	475 47			6.04	1.30	0.016	0.59	14	24		0.005
A-9. 34.70			7.0	1.2					0.5		30.3		5.1				209.1		7.4	53	32.33				3093.33	2440.67	175.17		1	0.04	1.30	0.016	0.59	14		- 0]	0.003
					<u>36173</u> 34248						mando sando Francisco Republica												Operator					Roy McCarty									
					1907					-	228528				254016				307349				Cert. #						31503								
Industrial Connections: Sewer Connections X 3 =					102744						Flow					BOD				TSS				Phone #				502-540-6000									