

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

October 26, 2018

Crystal Dennis
Permit Support Section
Surface Water Permits Branch
Division of Water
200 Fair Oaks Lane 4th Floor
Frankfort, KY 40601

Re: Morris Forman Water Quality Treatment Center

KPDES Permit No. KY0022411

Dear Ms. Dennis:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period September 1<sup>st</sup> to September 30<sup>th</sup>, 2018 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet 30 day TSS, 7 day TSS, 30 day BOD, 7 day BOD, and TSS Percent Removal for the reporting period.

Compromised solids handling equipment is contributing to the exceedances. MFWQTC continues to employ additional solids processing methods: dewatered cake and an outside vendor to assist with solids handling in addition to purchasing additional Liquid Oxygen in an effort to meet permit requirements.

Additionally, the Plant Information system had an equipment failure on September 22, 2018. As a result of the failure, plant effluent flow was only recorded and reported for the first 16 hours of the day.

Should you have any questions, please contact me at (502) 540-6793.

Sincerely

Alex E. Novak, P.E.

**Treatment Facilities Director** 

# **DMR Copy of Record**

Permit													
Permit #:	KY0022411		Permittee:		Morris Forman WQTC N	1SD	Fac	ility:	MORRIS	FORMAN W	/QTC M	SD	
Major:	Yes		Permittee /	Address:	700 W Liberty St Louisville, KY 40203			ility Location:	4522 ALG	GONQUIN PK LLE, KY 4021	KWY		
Permitted Feature:	001 External Outfall		Discharge:		001-1 MUNICIPAL DISCHARO	SE							
Report Dates & Status			'										
Monitoring Period:	From 09/01/18 to 09/30/18		DMR Due [	Date:	10/28/18		Sta	tus:	NetDMR '	Validated			
Considerations for Form Completion			'				,						
G - INFLUENTE - SECONDARY EFFLU Season not needed.	JENT1 - FINAL EFFLUENT - Parame	eter 74055	- Use Season 1 for s	summer months (May, June	e, July, August, September,	and October)	and Season 2 for win	er months (Novembe	r, December, January,	February Ma	arch, an	d April); enter NOD	I=9 for the
Principal Executive Officer													
First Name:	James A.		Title:		Executive Director		Tel	ephone:	502-540-6	3000			
Last Name:	Parrott						'						
No Data Indicator (NODI)													
Form NODI:													
Parameter	Monitoring Location	Season # F	Param. NODI	Qua	antity or Loading			Quality or Concent	ration		# of Ex	. Frequency of Analys	sis Sample Type
Code Name				Qualifier 1 Value 1	Qualifier 2 Value 2	Units Qualit	fier 1 Value 1 Qualifie	er 2 Value 2 Qu	ualifier 3 Value 3	Units			
00200 Owerer disselved IDO	1 F#hant Cross	0	Sample	-		=	2.3			19 - mg/L		01/01 - Daily	GR - GRAB
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0 -	Permit Re Value NOI			>=	2 INST MIN			19 - mg/L	0	01/01 - Daily	GR - GRAB
			Sample		= 37300	26 - lb/d	=	35 =	58	19 - mg/L		01/01 - Daily	CP - COMPOS
X <sub>00310</sub> BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0 -	Permit Re		Req Mon MX WK AV	26 - lb/d	<=	30 MO AVG <=	45 MX WK AV	19 - mg/L	2	01/01 - Daily	CP - COMPOS
			Value NOI Sample		= 245508	26 - lb/d	=	272 =	380	19 - mg/L		01/01 - Daily	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0 -	- Permit Re					Req Mon MO AVG	Req Mon MX WK A		0	01/01 - Daily	CP - COMPOS
			Value NOI	DI									
00400 pH	1 - Effluent Gross	0	Sample Permit Re			= >=	6.2 6 MINIMUM	=	6.8 9 MAXIMUM	12 - SU 12 - SU	0	01/01 - Daily 01/01 - Daily	GR - GRAB GR - GRAB
00400 рп	1 - Ellidefit Gloss	0 -	Value NOI			>=	6 IVIIIVIIVIOIVI	<=	9 IVIAAIIVIOIVI	12 - 30	U	01/01 - Dally	GR - GRAD
			Sample		= 69653	26 - lb/d	=	62 =	108	19 - mg/L		01/01 - Daily	CP - COMPOS
X <sub>00530</sub> Solids, total suspended	E - Secondary/Biological Process Complete	0 -	- Permit Re		Req Mon MX WK AV	26 - lb/d	<=	30 MO AVG <=	45 MX WK AV	19 - mg/L	2	01/01 - Daily	CP - COMPOS
			Value NOI Sample		= 294144	26 - lb/d	=	339 =	422	19 - mg/L		01/01 - Daily	CP - COMPOS
00530 Solids, total suspended	G - Raw Sewage Influent	0 -	- Permit Re					Req Mon MO AVG	Req Mon MX WK A	-	0	01/01 - Daily	CP - COMPOS
			Value NOI										
00610 Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0 -	Sample Permit Re	= 5147 Req Mon MO AVG		26 - lb/d 26 - lb/d	= <=	7.5 = 20 MO AVG <=	11.4 30 MX WK AV	19 - mg/L 19 - mg/L	0	01/01 - Daily 01/01 - Daily	CP - COMPOS
Third golf, animonia total [as 14]	2 Cocondary, Biological 1 Tococo Complete		Value NOI		itoq mon mix viitix v	20 10/4		20 1110 7110	OO MIST VITE TO	10 mg/L		o i/o i Dany	
			Sample			26 - lb/d	=	8.6 =	12	19 - mg/L		01/01 - Daily	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0 -	Permit Re Value NOI		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG	Req Mon MX WK A	.V 19 - mg/L	0	01/01 - Daily	CP - COMPOS
			Sample		= 144.75	03 - MGD						99/99 - Continuous	CN - CONTIN
50050 Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0 -	Permit Re		Req Mon DAILY MX	03 - MGD					0	99/99 - Continuous	CN - CONTIN
			Value NOI Sample	OI .				<	0.016	19 - mg/L		01/01 - Daily	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	0 -	- Permit Re	<b>q.</b>				<=		19 - mg/L	0	01/01 - Daily	GR - GRAB
			Value NOI	DI									
74055 Coliform food general	1 Effluent Cross		Sample				=	55 =	192	13 - #/100m		01/01 - Daily	GR - GRAB
74055 Coliform, fecal general	1 - Effluent Gross		Permit Re Value NOI				<=	200 30DA GEO <=	400 7 DA GEO	13 - #/100m	IL .	01/01 - Daily	GR - GRAB
			Sample			=	87			23 - %		01/30 - Monthly	CA - CALCTD
81010 BOD, 5-day, percent removal	K - Percent Removal	0 -	- Permit Re			>=	85 MO MIN			23 - %	0	01/30 - Monthly	CA - CALCTD
			Value NOI Sample	OI .		=	82			23 - %		01/30 - Monthly	CA - CALCTD
X 81011 Solids, suspended percent removal	K - Percent Removal	0 -	- Permit Re	q.		>=	85 MO MIN			23 - %	0	01/30 - Monthly	CA - CALCTD
			Value NOI	DI									
Submission Note													
If a parameter row does not contain any	values for the Sample nor Effluent T	rading, the	n none of the follow	ng fields will be submitted	for that row: Units, Number	of Excursions,	Frequency of Analys	s, and Sample Type.					
Edit Check Errors													
Parameter													
Code Name		Monitorin	g Location		Field	Т	ype		Description			AcI	knowledge

81011	Solids, suspended percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the perr	mit limit. (Error Code: 1)		Yes
00530	Solids, total suspended	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the perr	nit limit. (Error Code: 1)		Yes
00530	Solids, total suspended	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the perr	mit limit. (Error Code: 1)		Yes
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the perr	The provided sample value is outside the permit limit. (Error Code: 1)		Yes
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the perr	mit limit. (Error Code: 1)		Yes
Commen	nts							
Attachm	ents							
		Na	me			Туре		Size
//FWQTC	overletter092018.pdf					pdf	32599	
MFWQTC	0920018MOR.pdf					pdf	86382	
Septembe	r2018_OverflowReport_MorrisForman.pdf					pdf	297813	
Report L	ast Saved By							
Morris F	orman WQTC MSD							
Jser:		kessel@louisvillemsd.org						
lame:		John Kessel						
-Mail:		kessel@louisvillemsd.org						
Date/Time	e:	2018-10-26 14:27 (Time Zone: -04:00)						
Report L	ast Signed By							
Jser:		kessel@louisvillemsd.org						

E-Mail:

Date/Time:

kessel@louisvillemsd.org

2018-10-26 14:28 (Time Zone: -04:00)

# **DMR Copy of Record**

Permit

Permit #: KY0022411

Major: Yes

Morris Forman WQTC MSD Permittee:

Permittee Address: 700 W Liberty St Louisville, KY 40203

**Facility Location: 4522 ALGONQUIN PKWY** LOUISVILLE, KY 40211

MORRIS FORMAN WQTC MSD

**Permitted Feature:** 001

Discharge: 001-Y BIOMONITORING/ONCE PER QUARTER

External Outfall

Report Dates & Status

From 07/01/18 to 09/30/18 **Monitoring Period:** 

Parrott

**DMR Due Date:** 10/28/18

Status: **NetDMR Validated** 

Facility:

**Considerations for Form Completion** 

**Principal Executive Officer** 

**First Name:** James A. Title: **Executive Director**  Telephone: 502-540-6000

No Data Indicator (NODI)

Form NODI:

**Last Name:** 

Monitoring Location Season # Param. NODI **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 Code Name Value 2 Qualifier 3 Value 3 Units Sample 19 - mg/L 01/90 - Quarterly CP - COMPOS 00900 Hardness, total [as CaCO3] Req Mon MO AVG Req Mon DAILY MX 19 - mg/L CP - COMPOS 1 - Effluent Gross 0 Permit Red 01/90 - Quarterly Value NOD Sample 19 - mg/L CP - COMPOS 0.05 01/90 - Quarterly 0.05 01025 Cadmium, dissolved [as Cd] 1 - Effluent Gross 0 Permit Req. Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 0 01/90 - Quarterly CP - COMPOS Value NODI CP - COMPOS Sample 0.01 0.01 19 - mg/L 01/90 - Quarterly 01040 Copper, dissolved [as Cu] 1 - Effluent Gross Permit Req Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly CP - COMPOS Value NODI CP - COMPOS Sample 0.05 0.05 19 - mg/L 01/90 - Quarterly CP - COMPOS 01049 Lead, dissolved [as Pb] 1 - Effluent Gross 0 Permit Req Reg Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly Value NODI 01/90 - Quarterly CP - COMPOS Sample 0.05 0.05 19 - mg/L 01090 Zinc, dissolved [as Zn] 1 - Effluent Gross Reg Mon MO AVG Req Mon DAILY MX 19 - mg/L CP - COMPOS 0 Permit Rea 01/90 - Quarterly Value NODI Sample 0.05 0.05 01/90 - Quarterly CP - COMPOS 19 - mg/L 01094 Zinc, total recoverable 1 - Effluent Gross 0 Permit Req. Reg Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly CP - COMPOS Value NODI Sample 01/90 - Quarterly CP - COMPOS 0.05 0.05 19 - mg/L 01113 Cadmium, total recoverable 1 - Effluent Gross 0 Permit Req. Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly CP - COMPOS Value NODI CP - COMPOS Sample 0.05 19 - mg/L 01/90 - Quarterly 01114 Lead, total recoverable CP - COMPOS 1 - Effluent Gross 0 Permit Red Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly Value NODI Sample 0.01 0.01 01/90 - Quarterly CP - COMPOS 19 - mg/L Req Mon DAILY MX 19 - mg/L 01119 Copper, total recoverable 1 - Effluent Gross Permit Rea. Rea Mon MO AVG 01/90 - Quarterly CP - COMPOS Value NODI G2 - GRAB-2 Sample 2F - tox acute 01/90 - Quarterly 61406 Toxicity, final conc toxicity units 1 - Effluent Gross Permit Req 1 DAILY MX 2F - tox acute 0 01/90 - Quarterly G2 - GRAB-2 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** 

No attachments.

Report Last Saved By

Morris Forman WQTC MSD

User: kessel@louisvillemsd.org

John Kessel Name:

E-Mail: kessel@louisvillemsd.org Date/Time: 2018-10-26 14:28 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org

Name: John Kessel

E-Mail: kessel@louisvillemsd.org

Date/Time: 2018-10-26 14:28 (Time Zone: -04:00)

**DMR Copy of Record** Permit KY0022411 Morris Forman WQTC MSD Facility: MORRIS FORMAN WQTC MSD Permit #: Permittee: **Facility Location:** Yes 700 W Liberty St 4522 ALGONQUIN PKWY Major: **Permittee Address:** Louisville, KY 40203 LOUISVILLE, KY 40211 001 Discharge: 001-B **Permitted Feature:** External Outfall SECONDARY BYPASS Report Dates & Status **DMR Due Date:** Status: **Monitoring Period:** From 09/01/18 to 09/30/18 10/28/18 **NetDMR Validated Considerations for Form Completion** MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT.

**Principal Executive Officer** 

First Name: James A. Title: **Executive Director** Telephone: 502-540-6000

Last Name: Parrott

No Data Indicator (NODI)

Form NODI:

Parameter	Monitoring Location	Season # Para	m. NODI			Qua	antity or Lo	pading				Quality or Con	centration		# of Ex	. Frequency of Analysis	Sample Type
Code Name				(	Qualifier 1	Value 1	Qualifier 2	2 Value 2	Units	Qualifier 1	/alue 1 Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
			San	nple							=	74	=	113	19 - mg/L	14/30 - 14 Per Month	CP - COMPO
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	Permi	it Req.								Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPO
			Value	NODI													
			San	nple							=	144	=	239	19 - mg/L	14/30 - 14 Per Month	CP - COMPO
0310 BOD, 5-day, 20 deg. C	F - Primary/Prelimary Process Complete	e 0	Permi	it Req.								Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPO
			Value	NODI													
			San	nple							=	118	=	156	19 - mg/L	14/30 - 14 Per Month	CP - COMPOS
00530 Solids, total suspended	1 - Effluent Gross	0	Permi	it Req.								Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPO
			Value	NODI													
			San	nple							=	174	=	278	19 - mg/L	14/30 - 14 Per Month	CP - COMPOS
00530 Solids, total suspended	F - Primary/Prelimary Process Complete	0	Permi	it Req.								Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPO
			Value	NODI													
			San	nple							=	8	=	13.5	19 - mg/L	14/30 - 14 Per Month	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	Permi	it Req.								Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS
			Value	NODI													
			San	nple							=	11.3	-	19	19 - mg/L	14/30 - 14 Per Month	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	F - Primary/Prelimary Process Complete	e 0	Permi	it Req.								Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS
			Value	NODI													
			San	nple =	= 25.49		-	72.73	03 - MGD							14/30 - 14 Per Month	CN - CONTIN
50050 Flow, in conduit or thru treatment plant	F - Primary/Prelimary Process Complete	e 0		it Req.	Req M	Ion MO AVG	i	Req Mon MX WK AV	03 - MGD						0	WH/DS - When Discharging	CN - CONTIN
			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** 

No attachments.

Report Last Saved By

Morris Forman WQTC MSD

User: kessel@louisvillemsd.org

John Kessel Name:

E-Mail: kessel@louisvillemsd.org

Date/Time: 2018-10-26 14:28 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org

John Kessel Name:

E-Mail: kessel@louisvillemsd.org

Date/Time: 2018-10-26 14:28 (Time Zone: -04:00)





KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	02933	7900 SHELBYVILLE RD		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977411		09/08/2018	BROWN	MITCHELL	DOCUMENTED	03/04/2008	LACK OF	UNAUTHORIZED	09/09/18 11:20	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	150,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977576
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING HEAVY DEBRIS ION TO THE GROUND AND NTO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

# Notifications:

9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV

10/23/2018 Page 1 of 80 1:11:04 PM



KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411 (Cont'd)MSD0278MORRIS FORMANOHIO RIVERWEST

**WO**# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Activity Code / Description Ref No Completed Condition Result **BROWN** 2985142 9/24/2018 MITCHELL DOCUMENTED 03/04/2008 LACK OF : DISREVRAIN EVENT UNAUTHORIZED 09/26/18 09:05

DISCHARGE 11:02:00AM SYSTEM DISCHAGE - WATERS PM

CAPACITY

# Discharge Reporting:

Discharge Amount:	580,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986225
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING IN TO STREAM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	02935	7900 SHELBYVILLE RD		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985138		09/24/2018	BROWN	MITCHELL	DOCUMENTED	03/19/2008	LACK OF	UNAUTHORIZED	09/26/18 12:10	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	58,800 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT REQUIRED MANHOLE DISCHARES DIRECTLY INTO THE STREAM.
Control Zone:	TEMP. & PERM. DISCHARGE SIGNS POSTED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING INTO STREAM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	08427	4313 PRUITT CT		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977430		09/09/2018	BROWN	MITCHELL	DOCUMENTED	02/25/2011	LACK OF	UNAUTHORIZED	09/09/18 09:23	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	13,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.
Control Zone:	CONES AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING NO SOLID OR DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18	1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
9/9/18	1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
			SAYRE.DENNIS@EPAMAIL.EPA.GOV





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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREVRAIN EVENT	2984650		9/23/2018	MITCHELL	BROWN	DOCUMENTED	02/25/2011	LACK OF	UNAUTHORIZED	09/25/18 10:11	
DISCHARGE			12:55:00PM					SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	67,900 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEAN UP NOT REQUIRED.
Control Zone:	CONE AND CAUTION TAPE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/24/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Region



Report Selections	Period: 09/01/2018 00:00 thru 09/30/2018 23:59,	treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI	Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW,
DISREV			
KPDES#	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center

**KY0022411** MSD0278 MORRIS FORMAN OHIO RIVER WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	08431	4339 PRUITT CT		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977432		09/09/2018	BROWN	MITCHELL	DOCUMENTED	02/25/2011	LACK OF	UNAUTHORIZED	09/09/18 09:30	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	38,700 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.
Control Zone:	CONES AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING NO SOLID OR DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9	/9/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9.	/9/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





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**Facility ID** KPDES# **Water Quality Treatement Center Receiving Stream of Treatment Center** Region MSD0278 MORRIS FORMAN OHIO RIVER WEST KY0022411 (Cont'd)

**WO**# Initiated **Initiated By Assigned To Disch Status Event Date Problem** Condition Activity Code / Description Ref No Result Completed **BROWN** 2984652 MITCHELL DOCUMENTED 02/25/2011 LACK OF : DISREVRAIN EVENT 9/23/2018 UNAUTHORIZED 09/25/18 10:39 1:00:00PM SYSTEM DISCHARGE **DISCHAGE - WATERS** AM

CAPACITY

# Discharge Reporting:

Discharge Amount:	68,475 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEAN UP NOT REQUIRED.
Control Zone:	CONE AND CAUTION TAPE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/24/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	08935-SM	1001 BRECKENRIDGE LN		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977527		09/09/2018	BROWN	MITCHELL	DOCUMENTED	11/29/2001	LACK OF	UNAUTHORIZED	09/10/18 09:45	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	1,300,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED DISCHARGE, PIPE IS SUBMERGED.
Control Zone:	NO CONTROL ZONE SET, PIPE DISCHARGES DIRECTLY TO STREAM.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/10/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/10/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





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**Facility ID** KPDES # **Water Quality Treatement Center Receiving Stream of Treatment Center** Region MSD0278 MORRIS FORMAN OHIO RIVER WEST KY0022411 (Cont'd)

**WO**# Initiated **Initiated By Assigned To Disch Status Event Date Problem** Condition Activity Code / Description Ref No Completed Result **BROWN** 2984599 MITCHELL DOCUMENTED LACK OF : DISREVRAIN EVENT 9/23/2018 11/29/2001 UNAUTHORIZED 09/23/18 07:03

6:39:00AM SYSTEM DISCHARGE **DISCHAGE - WATERS** AM

CAPACITY

# Discharge Reporting:

Discharge Amount:	800 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEAN UP NOT REQUIRED, PIPE IS SUBMERGED.
Control Zone:	NO CONTROL ZONE SET, PIPE DISCHARGES DIRECTLY TO STREAM.
Impact:	NOTIFICATION RECEIVED THROUGH REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/	23/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/	23/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	105936	7713 WESTPORT RD		GOOSE CREEK	GROUND

Activity Code / Description	<u>WO#</u> R	Ref No Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977419	09/08/2018	BROWN	MITCHELL	DOCUMENTED	03/04/2008	LACK OF	UNAUTHORIZED	09/09/18 12:23	MAIN
DISCHARGE							SYSTEM	DISCHAGE - WATERS	PM	
							CAPACITY			

# Discharge Reporting:

Discharge Amount:	75,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977582
Control Zone:	NO CONTROL ZONE WAS ESTABLISHED. UNABLE TO ACCESS THE AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



Initiated Sep 01, 2018 12:00 AM thru Sep 30, 2018 11:59 PM

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	<b>Condition</b>
: DISREVRAIN EVENT	2985151		9/24/2018	MITCHELL	BROWN	DOCUMENTED	03/04/2008	LACK OF	UNAUTHORIZED	09/26/18 07:30	
DISCHARGE			1:18:00PM					SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	252,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS 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 PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





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

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

**WO**# Initiated **Initiated By Assigned To Disch Status Event Date Problem** Activity Code / Description Ref No Completed Condition Result ROTTET JR 2985015 9/24/2018 SMITH DOCUMENTED 03/04/2008 LACK OF 09/25/18 12:45 : DISREVRAIN EVENT UNAUTHORIZED 2:20:00PM SYSTEM DISCHARGE **DISCHAGE - WATERS** AM

CAPACITY

# Discharge Reporting:

Discharge Amount:	62,500 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN.
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PERMANENT SIGNS SUPPLEMENTED WITH TEMPORARY SIGNS.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	SOLUTION IN THE IOAP.
Public Notification:	TEMPORARY SIGNS AROUND AFFECTED AREA.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	16649	1726 FRASER DR		SOUTH FORK BEARGRASS CREEK	DITCH

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977385		09/08/2018	BROWN	MITCHELL	DOCUMENTED	01/24/2002	LACK OF	UNAUTHORIZED	09/10/18 10:45	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	127,731 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEAN UP NEEDED, PIPE IS SUMERGED. AND DISCHARGES DIRECTLY INTO THE CREEK.
Control Zone:	NO CONTROL ZONE WAS ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.
Impact:	NOTIFICATION RECEIVED FROM REMOTE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	<u>Result</u>	Completed	Condition
: DISREVRAIN EVENT	2984653		9/23/2018	MITCHELL	BROWN	DOCUMENTED	01/24/2002	LACK OF	UNAUTHORIZED	09/26/18 11:00	
DISCHARGE			7:15:00AM					SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	566,467 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.
Impact:	NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/24/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	23211	3302 TROUT CREEK DR		SOUTH FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977382		09/08/2018	BROWN	MITCHELL	DOCUMENTED	02/22/2000	LACK OF	UNAUTHORIZED	09/09/18 09:05	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	69,800 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977562
Control Zone:	BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.
Impact:	MANHOLE DISCHARGING LIGHT DEBRIS.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

9	9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9	9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	23212	2001 TERRILLN		SOUTH FORK BEARGRASS CREEK	GROUND

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985114		09/24/2018	BROWN	MITCHELL	DOCUMENTED	04/04/2008	LACK OF	UNAUTHORIZED	09/26/18 09:27	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	119,600 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#2986268
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, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK
	AVOID CONTACT WITH DISCHARGED CONTENT.

9/2	5/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/2	5/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

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

SMH Sewer Manhole 26752 3317 BROWNSBORO RD MUDDY FORK BEARGRASS CREEK DITCH

**WO**# **Activity Code / Description** Ref No Initiated **Initiated By Assigned To Disch Status Event Date Problem** Completed Condition Result : DISREV: RAIN EVENT 2977417 09/08/2018 **BROWN** MITCHELL DOCUMENTED 04/04/2008 LACK OF UNAUTHORIZED 09/08/18 11:00 DISCHARGE SYSTEM **DISCHAGE - WATERS** CAPACITY

# Discharge Reporting:

Discharge Amount:	60,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.
Control Zone:	NO CONTROL ZONE WAS ESTABLISHED. UNABLE TO ACCESS THE AREA.
Impact:	NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM. UNABLE TO ACCESS THE AREA DUE TO FLOODING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





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**Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center** Region MSD0278 MORRIS FORMAN OHIO RIVER WEST

KY0022411 (Cont'd)

**WO**# Initiated **Initiated By Assigned To Disch Status Event Date Problem** Condition Activity Code / Description Ref No Completed Result **BROWN** 2985154 9/24/2018 MITCHELL DOCUMENTED 04/04/2008 LACK OF : DISREVRAIN EVENT UNAUTHORIZED 09/26/18 05:50 8:30:00AM SYSTEM DISCHARGE **DISCHAGE - WATERS** PM CAPACITY

# Discharge Reporting:

Discharge Amount:	68,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE.
Impact:	NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28249	3500 ST EDWARDS DR		CHENOWETH RUN	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985126		09/24/2018	BROWN	MITCHELL	DOCUMENTED	03/12/2006	LACK OF	UNAUTHORIZED	09/26/18 05:10	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	80,250 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#2986275
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28250	3506 CHARLANE PKY		CHENOWETH RUN	DITCH

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2984657		09/23/2018	BROWN	MITCHELL	DOCUMENTED	01/03/2005	LACK OF	UNAUTHORIZED	09/25/18 06:40	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	64,750 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986277
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/24/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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

**KY0022411** MSD0278 MORRIS FORMAN OHIO RIVER WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28336	9707 WILLOWWOOD WAY		CHENOWETH RUN	DITCH

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977392		09/08/2018	BROWN	MITCHELL	DOCUMENTED	08/30/2005	LACK OF	UNAUTHORIZED	09/09/18 10:10	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	92,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977571
Control Zone:	BARRICADE, CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING LIGHT DEBRIS.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/9/1	8 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/1	8 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



Initiated Sep 01, 2018 12:00 AM thru Sep 30, 2018 11:59 PM

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	<u>Result</u>	Completed	Condition
: DISREVRAIN EVENT	2984658		9/23/2018	MITCHELL	BROWN	DOCUMENTED	08/30/2005	LACK OF	UNAUTHORIZED	09/26/18 05:30	
DISCHARGE			12:00:00PM					SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	116,250 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986274
Control Zone:	BARRICADES AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/24/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28340	3620 CHARLANE PKY		CHENOWETH RUN	GROUND

Activity Code / Description	WO # Ref	No Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2986278	09/24/2018	BROWN	MITCHELL	DOCUMENTED	01/03/2005	LACK OF	UNAUTHORIZED	09/25/18 06:40	
DISCHARGE							SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

# Discharge Reporting:

Discharge Amount:	14.125 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEAN UP NOT REQUIRED.
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING NO SOLID OR DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DISCHARGED CONTENT.

9/28/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV



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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28415	3406 DELL RD		CHENOWETH RUN	GROUND

Activity Code / Description	WO # Ref	No Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977387	09/08/2018	BROWN	MITCHELL	DOCUMENTED	12/19/2002	LACK OF	UNAUTHORIZED	09/09/18 09:45	MAIN
DISCHARGE							SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

# Discharge Reporting:

Discharge Amount:	37,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977569
Control Zone:	CONES, CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING LIGHT DEBRIS.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREVRAIN EVENT	2984654		9/23/2018	MITCHELL	BROWN	DOCUMENTED	12/19/2002	LACK OF	UNAUTHORIZED	09/24/18 09:45	
DISCHARGE			12:10:00PM					SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	14,250 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT REQUIRED.
Control Zone:	TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/24/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28416	3501 MARLIN DR		CHENOWETH RUN	GROUND

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT	2986279	09/24/2018	BROWN	MITCHELL	DOCUMENTED	04/04/2008	LACK OF	UNAUTHORIZED	09/25/18 06:25	
DISCHARGE							SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

# Discharge Reporting:

Discharge Amount:	62,500 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEAN UP NOT REQUIRED.
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING NO SOLID OR DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGED CONTENT.

9/28/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28451	3406 CHARLANE PKY		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2984655		09/23/2018	BROWN	MITCHELL	DOCUMENTED	10/28/2015	LACK OF	UNAUTHORIZED	09/26/18 12:50	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	109,750 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986272
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/24/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28453	3402 CHARLANE PKY		CHENOWETH RUN	DITCH

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977390		09/08/2018	BROWN	MITCHELL	DOCUMENTED	10/28/2015	LACK OF	UNAUTHORIZED	09/09/18 09:55	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	11,175 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977569
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING LIGHT DEBRIS.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



Initiated Sep 01, 2018 12:00 AM thru Sep 30, 2018 11:59 PM

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	<u>Result</u>	Completed	Condition
: DISREVRAIN EVENT	2984656		9/23/2018	MITCHELL	BROWN	DOCUMENTED	10/28/2015	LACK OF	UNAUTHORIZED	09/26/18 05:40	
DISCHARGE			12:00:00PM					SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	116,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986273
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/24/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to
SMH Sewer Manhole 28711 9514 TAYLORSVILLE RD BEATTY BROOK DITCH

WO # **Activity Code / Description** Ref No Initiated **Initiated By Assigned To Disch Status Event Date Problem** Completed Condition Result : DISREV: RAIN EVENT 2985124 09/24/2018 **BROWN** MITCHELL DOCUMENTED 09/24/2018 LACK OF UNAUTHORIZED 09/24/18 09:45 DISCHARGE SYSTEM **DISCHAGE - WATERS** PM CAPACITY

# Discharge Reporting:

Discharge Amount:	22,500 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#2986280
Control Zone:	CAUTION TAPE, CONES, AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	30082	4506 DEEPWOOD DR		GOOSE CREEK	GROUND

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISDW: DRY WEATHER	2983151		09/18/2018	BIVIN	BIVIN	REPAIRED -	09/18/2018	OBSTRUCTION-N	UNAUTHORIZED	09/18/18 01:40	MAIN
DISCHARGE						ISSUE		OT GREASE /	DISCHAGE - WATERS	PM	
						RESOLVED		ROOTS			

# Discharge Reporting:

Discharge Amount:	300 GAL
Cause:	OBSTRUCTION IN THE LINE.
Clean Up:	MSD WILL CLEAN AREA.
Control Zone:	MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE.
Impact:	OBSERVED WATER FLOWING DOWN HILL ON WOLF PEN BRANCH . TRACED TO MH# 30082 BEHIND 4504 DEEP WOOD DR.
Repair:	FLUSH AND ROOT CUT LINE.
Public Notification:	DISCHARGE SIGNS.

9/18/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/18/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	41374	300 MOCKINGBIRD VALLEY RI		MUDDY FORK BEARGRASS CREEK	DITCH

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985153		09/24/2018	BROWN	MITCHELL	DOCUMENTED	03/27/2008	LACK OF	UNAUTHORIZED	09/26/18 05:50	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	76,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	43726	1108 DUPONT CIR		WEICHER CREEK	GROUND

<b>Activity Code / Description</b>	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985156		09/24/2018	BROWN	MITCHELL	DOCUMENTED	12/27/2015	LACK OF	UNAUTHORIZED	09/26/18 05:20	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	150,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986262
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 NOTIFIED THROUGH DOOR HANGERS AND TEMP DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	45796	1011 ALTA CIR		MIDDLE FORK BEARGRASS CREEK	DITCH

<b>Activity Code / Description</b>	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977493		09/09/2018	BROWN	MITCHELL	DOCUMENTED	05/10/2014	LACK OF	UNAUTHORIZED	09/09/18 07:15	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	16,200 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2988599
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND A BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING DIRECTLY INTO AND AROUND THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT
	CONTACT WITH DISCHARGED CONTENT.

9/	9/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/	9/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

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

 : DISREVRAIN EVENT
 2985133
 9/24/2018
 MITCHELL
 BROWN
 DOCUMENTED
 05/10/2014
 LACK OF
 UNAUTHORIZED
 09/27/18 10:35

 DISCHARGE
 9:54:00AM
 SYSTEM
 DISCHAGE - WATERS
 AM

CAPACITY

### Discharge Reporting:

Discharge Amount:	864,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986257
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	45835	1132 ROSTREVOR CIR		MIDDLE FORK BEARGRASS CREEK	GROUND

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977398		09/08/2018	BROWN	MITCHELL	DOCUMENTED	09/02/2003	LACK OF	UNAUTHORIZED	09/09/18 07:05	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	95,625 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977593
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND A BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING HEAVY DEBRIS.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREVRAIN EVENT	2984659		9/23/2018	MITCHELL	BROWN	DOCUMENTED	09/02/2003	LACK OF	UNAUTHORIZED	09/23/18 04:30	
DISCHARGE			2:45:00PM					SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

### Discharge Reporting:

Discharge Amount:	13,125 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986255
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING, DEBRIS FLOWING INTO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH
	DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV





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**Facility ID** KPDES# **Water Quality Treatement Center Receiving Stream of Treatment Center** Region MSD0278 MORRIS FORMAN OHIO RIVER WEST KY0022411 (Cont'd)

**WO**# Initiated **Initiated By Assigned To Disch Status Event Date Problem** Condition Activity Code / Description Ref No Completed Result **BROWN** 2985132 9/24/2018 MITCHELL DOCUMENTED 09/02/2003 LACK OF : DISREVRAIN EVENT UNAUTHORIZED 09/27/18 03:00 2:45:00PM SYSTEM DISCHARGE **DISCHAGE - WATERS** PM CAPACITY

### Discharge Reporting:

Discharge Amount:	648,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986255
Control Zone:	BARRICADES AND CAUTION TAPE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING ON THE GROUND AND INTO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region MSD0278 MORRIS FORMAN OHIO RIVER WEST KY0022411

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	45900	1122 ROSTREVOR CIR		HAWKINS RILL	DITCH

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977404		09/08/2018	BROWN	MITCHELL	DOCUMENTED	12/27/2015	LACK OF	UNAUTHORIZED	09/09/18 09:54	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	18,750 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977574
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING HEAVY DEBRIS IN AND AROUND THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
	14000000	MODDIO FORMAN	OLUG DIVED	MEGT

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

**WO**# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Condition Activity Code / Description Ref No Result Completed **BROWN** 2985136 9/24/2018 MITCHELL DOCUMENTED 12/27/2015 LACK OF : DISREVRAIN EVENT UNAUTHORIZED 09/26/18 03:00 DISCHARGE 5:02:00PM SYSTEM **DISCHAGE - WATERS** PM CAPACITY

### Discharge Reporting:

Discharge Amount:	840,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986267
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 PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KV0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	46623	4801 CASSIA CT		MUDDY FORK BEARGRASS CREEK	STREAM

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977535		09/09/2018	BROWN	MITCHELL	DOCUMENTED	04/03/2015	LACK OF	UNAUTHORIZED	09/09/18 08:00	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	9,375 GAL
Cause:	HEAVY RAIN LACK OF SYSTEM CAPACITY.
Clean Up:	WO#2977597
Control Zone:	BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.
Impact:	MANHOLE DISCHARGING MEDIUM DEBRIS AROUND AND IN TO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/10/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV





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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREVRAIN EVENT	2985159		9/24/2018	MITCHELL	BROWN	DOCUMENTED	04/03/2015	LACK OF	UNAUTHORIZED	09/26/18 09:20	
DISCHARGE			1:54:00PM					SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

### Discharge Reporting:

Discharge Amount:	387,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977597
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, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT
	WITH DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	47582	201 BULLITT LN		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT	2977409		09/08/2018	BROWN	MITCHELL	DOCUMENTED	12/05/2011	LACK OF	UNAUTHORIZED	09/09/18 07:30	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	132,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977594
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING MEDIUM DEBRIS.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	<b>Condition</b>
: DISREVRAIN EVENT	2984660		9/23/2018	MITCHELL	BROWN	DOCUMENTED	12/05/2011	LACK OF	UNAUTHORIZED	09/23/18 05:40	
DISCHARGE			2:15:00PM					SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

### Discharge Reporting:

Discharge Amount:	10,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986250
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	HEAVY DEBRIS DISCHARGING FROM MANHOLE, FLOWING INTO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH
	DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV





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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

**WO**# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Activity Code / Description Ref No Completed Condition Result **BROWN** 2985140 9/24/2018 MITCHELL DOCUMENTED LACK OF : DISREVRAIN EVENT 12/05/2011 UNAUTHORIZED 09/27/18 09:25 10:35:00AM SYSTEM DISCHARGE **DISCHAGE - WATERS** AM

CAPACITY

### Discharge Reporting:

Discharge Amount:	420,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986250
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING INTO STREAM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	47583	202 OXMOOR LN		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977407		09/08/2018	BROWN	MITCHELL	DOCUMENTED	02/06/2008	LACK OF	UNAUTHORIZED	09/09/18 07:30	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	396,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977595
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 NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





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Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region MSD0278 MORRIS FORMAN OHIO RIVER WEST KY0022411 (Cont'd)

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREVRAIN EVENT	2985137		9/24/2018	MITCHELL	BROWN	DOCUMENTED	02/06/2008	LACK OF	UNAUTHORIZED	09/27/18 09:00	
DISCHARGE			10:35:00AM					SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

### Discharge Reporting:

Discharge Amount:	840,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986260
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 PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	47593	8021 CHRISTIAN CT		MIDDLE FORK BEARGRASS CREEK	GROUND

<b>Activity Code / Description</b>	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977425		09/09/2018	BROWN	MITCHELL	DOCUMENTED	03/19/2008	LACK OF	UNAUTHORIZED	09/09/18 11:25	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	101,250 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977580
Control Zone:	BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.
Impact:	MANHOLE DISCHARGING DEBRIS IN TO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



Initiated Sep 01, 2018 12:00 AM thru Sep 30, 2018 11:59 PM

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	<u>Result</u>	Completed	Condition
: DISREVRAIN EVENT	2985144		9/24/2018	MITCHELL	BROWN	DOCUMENTED	03/19/2008	LACK OF	UNAUTHORIZED	09/26/18 12:01	
DISCHARGE			11:19:00AM					SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

### Discharge Reporting:

Discharge Amount:	441,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986070
Control Zone:	TEMPORARY DISCHARGE SIGNS AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING INTO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	49445	2216 FAIRLAND AVE		BUECHEL BRANCH	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT	2985104		09/24/2018	BROWN	MITCHELL	DOCUMENTED	09/24/2018	LACK OF	UNAUTHORIZED	09/26/18 11:25	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	123,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986281
Control Zone:	BARRICADES AND CAUTION TAPE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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# Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region MSD0278 MORRIS FORMAN OHIO RIVER WEST KY0022411

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	49446	2219 RICHLAND AVE		BUECHEL BRANCH	STREAM

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985117		09/24/2018	BROWN	MITCHELL	DOCUMENTED	09/24/2018	LACK OF	UNAUTHORIZED	09/26/53 11:27	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	246,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986283
Control Zone:	BARRICADES AND CAUTION TAPE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

Faci	ility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SI	MH Sewer Manhole	49647	4315 PRUITT CT		SOUTH FORK BEARGRASS CREEK	GROUND

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977431		09/09/2018	BROWN	MITCHELL	DOCUMENTED	02/28/2011	LACK OF	UNAUTHORIZED	09/09/18 09:23	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	13,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.
Control Zone:	CONES AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING NO SOLID OR DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/	9/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/	9/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

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

SMH Sewer Manhole 51160 3305 INDIAN CREEK CT SOUTH FORK BEARGRASS CREEK GROUND

WO # Condition **Activity Code / Description** Ref No Initiated **Initiated By Assigned To Disch Status Event Date Problem** Completed Result : DISREV: RAIN EVENT 2977396 09/08/2018 **BROWN** MITCHELL DOCUMENTED 04/04/2008 LACK OF UNAUTHORIZED 09/09/18 09:10 MAIN DISCHARGE SYSTEM **DISCHAGE - WATERS** CAPACITY

## Discharge Reporting:

Discharge Amount:	14,375 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977572
Control Zone:	BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.
Impact:	MANHOLE DISCHARGING HEAVY DEBRIS.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

**WO**# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Activity Code / Description Ref No Completed Condition Result **BROWN** 2985111 9/24/2018 MITCHELL DOCUMENTED 04/04/2008 LACK OF : DISREVRAIN EVENT UNAUTHORIZED 09/26/18 12:30 10:53:00AM SYSTEM DISCHARGE **DISCHAGE - WATERS** PM CAPACITY

### Discharge Reporting:

Discharge Amount:	297,700 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#2986270
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, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT
	WITH DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	51180	2011 TERRIL LN		BROOKLAWN TRIBUTARY	GROUND

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985115		09/24/2018	BROWN	MITCHELL	DOCUMENTED	12/05/2011	LACK OF	UNAUTHORIZED	09/26/18 09:20	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	143,250 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#2986269
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, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

9	9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9	9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	51594	1418 TREVILIAN WAY		SOUTH FORK BEARGRASS CREEK	DITCH

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977381		09/08/2018	BROWN	MITCHELL	DOCUMENTED	09/12/2006	LACK OF	UNAUTHORIZED	09/09/18 08:47	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	59,600 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977537
Control Zone:	BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.
Impact:	MANHOLE DISCHARGING, DEBRIS FLOWING INTO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





KPDES#	Facility ID	<b>Water Quality Treatement Center</b>	<b>Receiving Stream of Treatment Center</b>	Region
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	<u>Condition</u>
: DISREVRAIN EVENT	2985109		9/24/2018	MITCHELL	BROWN	DOCUMENTED	09/12/2006	LACK OF	UNAUTHORIZED	09/26/18 04:20	
DISCHARGE			10:53:00AM					SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

### Discharge Reporting:

Discharge Amount:	320,700 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#2986271
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, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT
	WITH DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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# Facility ID **Water Quality Treatement Center Receiving Stream of Treatment Center** Region MSD0278 MORRIS FORMAN OHIO RIVER WEST KY0022411

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	63779	4315 PRUITT CT		SOUTH FORK BEARGRASS CREEK	GROUND

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985105		09/24/2018	BROWN	MITCHELL	ELIMINATED	12/21/2008	LACK OF	UNAUTHORIZED	09/26/18 12:00	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	128,800 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEANING NOT REQUIRED.
Control Zone:	BARRICADES AND CAUTION TAPE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

9/2	5/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/2	5/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	65623	1804 ROUND RIDGE RD		MUDDY FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977534		09/09/2018	BROWN	MITCHELL	BEYOND	02/22/2018	LACK OF	UNAUTHORIZED	09/09/18 08:00	
DISCHARGE						APPROVED		SYSTEM	DISCHAGE - WATERS	PM	
						DESIGN STORM		CAPACITY			

### Discharge Reporting:

Discharge Amount:	18,750 GAL
Cause:	HEAVY RAIN LACK OF SYSTEM CAPACITY.
Clean Up:	CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.
Control Zone:	NO CONTROL ZONE SET, PIPE DISCHARGES DIRECTLY TO STREAM.
Impact:	MANHOLE DISCHARGING, NO SOLID OR DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/10/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV



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KPDES #	Facility ID	<b>Water Quality Treatement Center</b>	Receiving Stream of Treatment Center	Region
	14000070	MODRIO FORMANI	OLUO DIVED	MECT

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREVRAIN EVENT	2985152		9/24/2018	MITCHELL	BROWN	BEYOND	02/22/2018	LACK OF	UNAUTHORIZED	09/26/18 09:20	
DISCHARGE			1:54:00PM			APPROVED		SYSTEM	DISCHAGE - WATERS	PM	
						DESIGN STORM		CAPACITY			

### Discharge Reporting:

Discharge Amount:	163,300 GAL	
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.	
Clean Up:	NO CLEAN UP PERFORMED. NO PUBLIC ACCESS TO THE DISCHARGE SITE.	
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE.	
Impact:	MANHOLE DISCHARGING.	
Repair:	LOCATION INCLUDED IN THE IOAP.	
Public Notification:	PUBLIC NOTFIIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.	

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	72289	1700 SULGRAVE RD		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977401		09/08/2018	BROWN	MITCHELL	DOCUMENTED	05/29/2012	LACK OF	UNAUTHORIZED	09/09/18 09:54	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	112,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977573
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING LIGHT DEBRIS.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



Initiated Sep 01, 2018 12:00 AM thru Sep 30, 2018 11:59 PM

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREVRAIN EVENT	2985134		9/24/2018	MITCHELL	BROWN	DOCUMENTED	05/29/2012	LACK OF	UNAUTHORIZED	09/26/18 06:10	
DISCHARGE			10:16:00AM					SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

### Discharge Reporting:

Discharge Amount:	387,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986259
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 PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	74520	974 BRECKENRIDGE LN		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977554		09/09/2018	BROWN	MITCHELL	DOCUMENTED	09/09/2018	LACK OF	UNAUTHORIZED	09/09/18 08:15	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	12,016 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977600
Control Zone:	NO CONTROL ZONE WAS ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.
Impact:	MANHOLE DISCHARGING, DEBRIS FLOWING INTO THE CREEK.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PERMANENT OVERFLOW ADVISORY SIGNS ARE POSTED ALONG THE CREEK.

9/10/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV





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

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

**WO**# Initiated **Initiated By Assigned To Disch Status Event Date Problem** Condition Activity Code / Description Ref No Completed Result **BROWN** 2985157 9/24/2018 MITCHELL DOCUMENTED 09/09/2018 LACK OF : DISREVRAIN EVENT UNAUTHORIZED 09/26/18 01:50 3:20:00PM SYSTEM DISCHARGE **DISCHAGE - WATERS** PM

CAPACITY

### Discharge Reporting:

Discharge Amount:	207,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986261
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 PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	84155	7913 SHELBYVILLE RD		MIDDLE FORK BEARGRASS CREEK	GROUND

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977414		09/08/2018	BROWN	MITCHELL	DOCUMENTED	03/10/2011	LACK OF	UNAUTHORIZED	09/09/18 11:50	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	117,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977578
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING HEAVY DEBRIS ON THE PAVEMENT AND IN TO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

Activity Code / Description	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREVRAIN EVENT	2985147		9/24/2018	MITCHELL	BROWN	DOCUMENTED	03/10/2011	LACK OF	UNAUTHORIZED	09/26/18 11:51	
DISCHARGE			11:30:00AM					SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

### Discharge Reporting:

Discharge Amount:	432,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2989857
Control Zone:	TEMPORARY DISCHARGE SIGNS, BARRICADES, AND CAUTION TAPE AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT
	WITH DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	89790	24 SOUTHWIND RD		MUDDY FORK BEARGRASS CREEK	DITCH

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985161		09/24/2018	BROWN	MITCHELL	DOCUMENTED	09/24/2018	LACK OF	UNAUTHORIZED	09/26/18 08:30	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	126,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986264
Control Zone:	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, TO AVOID CONTACT WITH DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	90700	8021 CHRISTIAN CT		MIDDLE FORK BEARGRASS CREEK	CATCH BASIN

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977422		09/09/2018	BROWN	MITCHELL	DOCUMENTED	03/19/2008	LACK OF	UNAUTHORIZED	09/09/18 11:22	MAIN
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	33,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2977579
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 PERMANENT SIGNS AVOID CONTACT WITH DISCHARGED CONTENT.

9/	9/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/	9/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





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

MSD0278 MORRIS FORMAN OHIO RIVER KY0022411 (Cont'd)

Activity Code / Description	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREVRAIN EVENT	2985143		9/24/2018	MITCHELL	BROWN	DOCUMENTED	03/19/2008	LACK OF	UNAUTHORIZED	09/26/18 12:01	
DISCHARGE			11:08:00AM					SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

#### Discharge Reporting:

Discharge Amount:	294,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2985867
Control Zone:	CONES, 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 AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



Initiated Sep 01, 2018 12:00 AM thru Sep 30, 2018 11:59 PM

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW,

KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	96019	4019 LELAND RD		MUDDY FORK BEARGRASS CREEK	GROUND

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985163		09/24/2018	BROWN	MITCHELL	DOCUMENTED	09/24/2018	LACK OF	UNAUTHORIZED	09/26/18 08:23	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	120,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986266
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 NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



Initiated Sep 01, 2018 12:00 AM thru Sep 30, 2018 11:59 PM

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	96673	3920 DUTCHMANS LN		WEICHER CREEK	STREAM

<b>Activity Code / Description</b>	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985160		09/24/2018	BROWN	MITCHELL	DOCUMENTED	09/24/2018	LACK OF	UNAUTHORIZED	09/26/18 05:16	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	367,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2986263
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 NOTIFIED THROUGH DOOR HANGERS AND TEMP DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

9/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/25/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	CSO197	1218 S 3RD ST		OHIO RIVER	STREAM

<b>Activity Code / Description</b>	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISDW: DRY WEATHER	2976461		09/05/2018	BROWN	MITCHELL	REPAIRED -	09/19/2018	OBSTRUCTION-N	UNAUTHORIZED	09/05/18 10:00	
DISCHARGE						ISSUE		OT GREASE /	DISCHAGE - WATERS	AM	
						RESOLVED		ROOTS			

# Discharge Reporting:

Discharge Amount:	450 GAL
Cause:	LINE OBSTRUCTED WITH DEBRIS & SEDIMENT.
Clean Up:	NOT REQUIRED, PIPE IS DISCHARGING TO CENTRAL RELIEF DRAIN.
Control Zone:	NO CONTROL ZONE SET UP. PIPE IS DISCHARGING TO CENTRAL RELIEF DRAIN.
Impact:	SEWAGE DISCHARGING THROUGH OVERFLOW PIPE TO CRD.
Repair:	FLUSHED SEWER LINE TO REMOVE DEBRIS & SEDIMENT. WO#2976472
Public Notification:	PUBLIC NOTIFICATION THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE OUTFALL POINT.

9/5/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV



DISREV

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

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

**WO**# Initiated **Initiated By Assigned To Disch Status Event Date Problem Activity Code / Description** Ref No Completed Condition Result **BROWN** 2983430 9/19/2018 MITCHELL REPAIRED -09/19/2018 **OBSTRUCTION-**: DISDWDRY WEATHER UNAUTHORIZED 09/19/18 08:50 7:00:00AM ISSUE NOT GREASE / DISCHARGE **DISCHAGE - WATERS** AM **RESOLVED** ROOTS

#### Discharge Reporting:

Discharge Amount:	330 GAL
Cause:	OBSTRUCTION.
Clean Up:	NOT REQUIRED, UNDER GROUND PIPE IS DISCHARGING TO CENTRAL RELIEF DRAIN (CRD).
Control Zone:	NO CONTROL ZONE SET UP - UNDERGROUND PIPE DISCHARGING TO CENTRAL RELIEF DRAIN.
Impact:	NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM. UNDERGROUND PIPE DISCHARGES DIRECTLY TO CRD.
Repair:	WO#2983609
Public Notification:	PUBLIC NOTIFICATION THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE OUTFALL POINT.

9/19/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KV0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

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

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977488		09/09/2018	BROWN	MITCHELL	DOCUMENTED	08/01/1969	LACK OF	UNAUTHORIZED	09/10/18 11:00	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	35,208 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED DISCHARGE, PIPE IS SUBMERGED.
Control Zone:	NONE NEEDED MANHOLE DISCHARGES DIRECTLY INTO THE CREEK.
Impact:	NONE OBSERVED REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.

9/9/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





DISREV

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

**KY0022411 (Cont'd)** MSD0278 MORRIS FORMAN OHIO RIVER WEST

**WO**# Initiated **Initiated By Assigned To Disch Status Event Date Problem** Activity Code / Description Ref No Completed Condition Result **BROWN** 2984662 MITCHELL DOCUMENTED 08/01/1969 LACK OF : DISREVRAIN EVENT 9/23/2018 UNAUTHORIZED 09/27/18 11:15 9:00:00AM SYSTEM DISCHARGE **DISCHAGE - WATERS** AM CAPACITY

#### Discharge Reporting:

Discharge Amount:	213,822,917 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.
Control Zone:	NONE NEEDED MANHOLE DISCHARGES DIRECTLY INTO THE CREEK.
Impact:	NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH
	DISCHARGED CONTENT.

9/24/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/24/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SSL Sewer Service Line	JT13501319	9818 BLUEGRASS PKY			CATCH BASIN

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISDW: DRY WEATHER	2976522		09/05/2018	BIVIN	BIVIN	REPAIRED -	09/05/2018	OBSTRUCTION-N	UNAUTHORIZED	09/05/18 01:48	MAIN
DISCHARGE						ISSUE		OT GREASE /	DISCHAGE - WATERS	PM	
						RESOLVED		ROOTS			

# Discharge Reporting:

Discharge Amount:	25 GAL
Cause:	RAGS, WIPES, DIAPERS AND SOME ROOTS IN THE MAIN SEWER.
Clean Up:	NO SOLIDS TO CLEAN DISCHARGE WAS ONLY WATER.
Control Zone:	MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE.
Impact:	OBSERVED MH#45516 WAS HOLDING SOME EVIDENCE OF A DISCHARGE.
Repair:	ROOT CUT MAIN SEWER WORK ORDER#2976512
Public Notification:	ON SITE.

9/6/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV



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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD0123-PS	6600 SEMINARY WOODS PL	WEST GOOSE CREEK	GOOSE CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2985591		09/25/2018	GRAY JR	RAYMER	REPAIRED -	09/25/2018	STRUCTURAL	UNAUTHORIZED	09/25/18 07:15	
DISCHARGE						ISSUE		FAILURE	DISCHAGE - WATERS	PM	
						RESOLVED					

# Discharge Reporting:

Discharge Amount:	4,500 GAL
Cause:	STRUCTURAL FAILURE, FORCE MAIN BREAK.
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA
	AREA DISINFECTED WITH LIME.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND WET WELL.
Repair:	HAULED SEWAGE UNTIL REPAIRS MADE.
Public Notification:	ADVISED ALL POSSIBLE IMPACTED PROPERTIES IN THE SURROUNDING AREA IN PERSON.

9/2	26/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/2	26/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD0186-PS	2120 INDIAN HILLS TRL	MUDDY FORK	MUDDY FORK BEARGRASS CREEK	DITCH

<b>Activity Code / Description</b>	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2977370		09/08/2018	CATALANO JR	WILHITE	ELIMINATED	11/13/2015	LACK OF	UNAUTHORIZED	09/09/18 02:42	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

# Discharge Reporting:

Discharge Amount:	2,820 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.
Control Zone:	TEMPORARY SIGNS HAVE BEEN POSTED.
Impact:	NO IMPACT OBSERVED - MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	TEMPORARY SIGNS HAVE BEEN POSTED.

#### Notifications:

9/9/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/9/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

10/23/2018 Page 78 of 80 1:11:19 PM





DISREV

KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

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

STLS Storm Lift Station MSD0302-FP 147 BUCHANAN ST OHIO RIVER STREAM

WO # **Problem Activity Code / Description** Ref No Initiated **Initiated By Assigned To Disch Status Event Date** Result Completed Condition : DISREV: RAIN EVENT 2977372 09/08/2018 BRAZEL CARSONE DOCUMENTED 09/08/2018 **PUMPED** UNAUTHORIZED 09/16/18 09:26 DISCHARGE **OVERFLOW DISCHAGE - WATERS** 

#### Discharge Reporting:

Discharge Amount:	434,055,235 GAL
Cause:	FLASH FLOODING FROM TROPICAL STORM OVERWHELMED CSO'S REQUIRING PUMPED OVERFLOW.
Clean Up:	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.
Control Zone:	NO CONTROL ZONE SET UP – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.
Impact:	NONE OBSERVED - OUTLETS SUBMERGED.
Repair:	NO CONTROL ZONE SET UP – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.
Public Notification:	GIVEN BY VOLUNTARY EMAIL NOTIFICATION SYSTEM.

DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
	DISSNO DISNO DISSNO DISNOT DISSNO



KPDES#

Facility ID

**Water Quality Treatement Center** 

**Receiving Stream of Treatment Center** 

Region

IMSAST0004

KY0022411 (Cont'd)

MSD0278

MORRIS FORMAN

OHIO RIVER

WEST

**Total Facilities Printed: 50** 

**Total Work Orders Printed:** 

79

Format: Month/Day/Year Enter Start Date: **9/1/18** 

MORRIS FORMAN

WATER QUALITY TREATMENT CENTER

JEFFERSON COUNTY, KENTUCKY MONTH OF September-18

120 MGD RECEIVING STREAM-OHIO RIVER KPDES PERMIT NO. KY0022411 PLANT CAPACITY -

				Γ	TEMP		pН		SET	s	TSS	D.O.		5-DAY BOD									_							
		WAST	EWATER FL	ows	(DEGF)				(M/L	)L	(mg/L)	(mg/l	.)	(mg/L)										ACTIVE		O	HLORINATION	4	FINA	L
		(M	lillion Gallons	)						T						RET	JRN SLUD	GE		AER.	ATION BAS	iN		Sludge	Primary	Chlorine		Fecal	EFFLU	ENT
		Final	Sec.							- 1				prim.		FLOW	TSS	TVSS	D.O	MLSS	MLVSS	SET	SVI	Wasted	Sludge	Dosage	Resid	Coliform	NH3-N	Pump.
DATE		Effluent	Effluent By	ypass	raw	final	raw f	inal I	aw f	nal ra	w fina	al final	raw	final	final	MG	g/L	g/L	mg/L	g/L	g/L			MG	MG	KLBS	mg/L	#/100 ml	mg/L	Hours
	9/1/18	86.47	82.07	4.40	79	79	7.3	6.8	7.2	1.9	260	168 4	.9 14	137	106	25.7	24.8	19.9	9.7	3.9	3.1	188	47	0.91	0.19	4.74	0.016	1180	7	0.0
	9/2/18	76.72	76.72	0.00	79	79	7.2	6.4	6.5	0.1	148	29 4	.8] 9	98 109	30	25.4	23.5	19.0		9.4	7.7	184	19	1.31	0.19	2.61	0.016	259	11	0.0
	9/3/18	76.10	76.10	0.00	79	79	7.0	6.6	8.0	0.1	227	27 6	.3 17	73 189	26	25.5	22.2	17.9	1 1	7.9	6.4	170	21	1.37	0.17	2.36	0.016	4	11	0.0
l	9/4/18	77.95	77.95	0.00	79	79	6.9	6.7	15.3	0.1	410	32 5	.7 24	169	29	25.4	21.0	17.0	14.2	3.5	2.8	165	46	1.34	0.16	3.15	0.016	10	14	0.0
	9/5/18	74.63	74.63	0.00	80	80	7.0	6.4	18.3	0.1	492		.3 39	213	26	25.2	21.8	17.4	7.4	4.0	3.2	185	46	1.25	0.29	3.75	0.016	3	16	0.0
[	9/6/18	113.58	82.95	30.63	80	80	7.1	6.4	9.8	5.4	407		.2 25	59 184	130	25.3	23.8	18.9	4.5	4.2	3.4	200	47	0.77	0.28	5.36	0.016	1050	14	0.0
Į.	9/7/18	75.45	74.90	0.55	81	81	6.8	6.3	15.0	0.1	508		.8 42	27 223	29	25.2	22.7	18.1	9.1	3.6	2.9	170	53	0.78	0.22	3.79	0.016	210	10	0.0
	9/8/18	153.82	93.74	60.08	77	77	7.0	6.2	12.0	8.5	448	- 1	.3 23	l l	200	25.0	23.7	18.8	4.5	3.8	3.1	202	50	1.03	2.19	7.95	0.016	60000	8	0.0
İ	9/9/18	169.54	96.81	72.73	72	72	7.2	6.5	2.5	0.6	180			99 46	50	25.1	22.0	17.6	1 1	3.7	3.0	187	45	1.40	0.20	5.69	0.016	183	4	14.9
ŀ	9/10/1B	103.03	87.21	15.82	74	74	7.1	6.6	9.2	0.1	303	- 1	.6 17		29	25.0	13.7	10.8	19.9	2.6	2.0	121	45	1.29	0.22	3.74	0.016	640	5	24.0
ŀ	9/11/18	67.92	67.92	0.00	75	75	6.9	6.3	11.1	0.1	340	- 1	.9 33		12	24.7	14.2	11.2	13.3	2.9	2.3	128	43	1.37	0.24	1.87	0.016	100	5	24.0
	9/12/18	84.75	84.75	0.00	75	75	7.0	6.3	12.5	0.1	350	1	.8 28		16	24.8	15.5	12.1	6.0	5.1	4.0	178	35	1.12	0.27	2.43	0.016	202	4	24.0
	9/13/18	83.70	83.70	0.00	77	77	7.1	6.4	13.0	0.1	410	4	.7 41		20	24.6	17.5	13.7	5.6	4.0	3.1	220	55	1.03	0.18	3.78	0.016	17	6	24.0
	9/14/18	77.36	77.36	0.00	80	80	7.0	6.6	14.0	0.1	377		.7 43		25	25.0	14.5	11.6	1.4	4.3	3.5	250	59	1.37	0.19	3.18	0.016	4	6	24.0
·	9/15/18	76.04		0.00	80	80	6.9	6.4	12.2	0.1	344		.9 30		14	25.0	17.8	14.2	2.0	8.0	6.4	249	34	1.37	0.16	2.65	0.016	2	/	24.0
	9/16/18	64.89	64.89	0.00	79	79	7.1	6.4	15.9	0.1	472		.2 33		15	25.1	18.7	14.9	1.8	5.0	4.2	266	53	1.37	0.12	1.94	0.016	48	9	24.0
	9/17/18	85.31		0.07	78	78	6.9	6.5	7.1	0.2	296		.8 29		30	25.1	18.8	15.2	3.4	5.0	4.0	256	51	1.37	0.13	2.69	0.016	780	11	13.5
	9/18/18	74.20		0.00	80	80	6.7	6.5	13.2	0.4	480	- 1	.1 52		109	25.3	19.7	15.8	3.1	5.3	4.3	267	50	1.37	0.23	4.67	0.016	3	13	4.1
	9/19/18	71.70		0.00	81	81	6.8	6.3	15.0	3.0	460		.6 31		100	25.3	20.0	16.3	0.9	4.9	4.1	298	61	1.37	0.14	4.47	0.016	74	12	7.2
	9/20/18	72.33		0.00	81	81	7.0	6.5	10.1	3.2	396	- 1	.2 46		107	25.5	20.9	16.8	1.9	6.3	5.1	299	47	1.37	0.21	4.71	0.016	١	14	24.0 24.0
	9/21/18	96.59		9.65	79	79	7.1	6.6	15.0	7.4	504		.9 42		195	25.4	20.8	16.8	2.2	5.3	4.3	301	57	1.37	0.22	5.51	0.016	60000	16 8	24.0
	9/22/18	82.93		1.87	74	74	7.1	6.6	10.9	2.8	360		.1 27		99	25.2	20.9	16.7	4.5	6.4	5.2	221	35	1.37 1.36	0.14 0.07	2.25 5.87	0.016 0.016	60000 260	Ŷ	10.8
	9/23/18	191.65		46.90	74	74	7.0	6.6	3.3	3.7	153	- 1	.3 13		88	25.4	20.5	16.3 17.1	1	9.9	7.9	191 170	19 56	1.36	0.07	4.41	0.016	50	7	6.2
	9/24/18	192.43		58.14	73	73	7.1	6.5	4.4	1.9	171	108 5		84	76	25.2	21.5	17.5	1 1	3.1	2.5	173		1.36	0.08	3.66	0.016	33	2	24.0
	9/25/18	166.33		38.66	72	72	7.2	6.7	5.2	1.9	178	E	.3 17		65	24.3	22.0		1	3.9	3.2		57 64	1.36	0.23	3.68	0.016	33	٥	24.0
	9/26/18	138.56		16.77	75	75	7.1	6.4	6.9	0.7	210	49) 6			26	25.0	16.4	12.8 17.1	1 1	2.2 3.0	1.8	134 175	57	1.39	0.34	3.15	0.016		4	24.0
	9/27/18	112.10		0.60	71	71	7.0	6.6	9.4	0.1	252		.9 25	1	1 1	25.0	21.5		9.9	3.0	2.5	192	52	1.39	0.30	3.15	0.016	2	4	24.0
	9/28/18	111.90		0.00	73	73	7.2	6.7	16.0	0.1	328	F	.1 29	1	11	25.4 25.1	18.7 20.6	14.7 16.0	1 1	5.8	2.9	213	38	1.67	0.10	2.71	0.016	134	3	24.0
	9/29/18	93.77	93.77	0.00	73	73	7.2	6.4	10.0	0.1	337 375		.6 24		17	25.1	20.6		1 1		4.6	1	22	1.36	0.09	2.71	0.016	124	4	24.0
	9/30/18	85.52		0.00	74	74	7.2	6.4	15.8	0.3	3/5	47 5	.7 17	75 174	17	1	21.9	16.9	10.0	11.6	9.2	257	22	F		2.44	0.010	ا ا	41	440.7
Sum		3037.3		356.9	20.0	1 70.0	70	ر	40.0		220	00		70 40		754.4	20.4	100	0.2	£ 4	4.	207	45	38.527	7.628 0.25	3.75	0.016	EE	9	44U.7
Average		101.2	89.3	25.5	76.8	3 76.8	7.0	6.5	10.8	1.4	339	88 4	1.7	72 18	8 57	25.1	20.1	16.0	9.2	5.1	4.1	207	45	1.28	Ų.25	3.75	0.016	25]	0	

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147833 TIMES 4 =

591332 SEWER POPULATION

IND. WASTER POPULATION EQ

CUSTOMERS

FLOW 372881 BOD 757659 TSS 772512

Authorized Agent	Certification No. 26893

# MORRIS FORMAN WASTEWATER TREATMENT PLANT Month of Sep-18

JEFFERSON COUNTY, KY

Wiesith of		1		
Average Flow				
	Primary	Secondary		
SETTLING TANKS		Battery A	Battery B	Battery C
Average Flow (MGD)	101.24	5.69	31.43	15.92
Tanks in Service	4.00	5.9	7.0	4.0
Surface Area (Ft.2)	77000.00	51035.00	60550.00	34600.00
Volume (MG)	8.33	5.23	6.20	3.54
Weir Length (Ft.)	2860.00	2115.15	2509.50	1434.00
Avg. Weir Overflow (GPD/Ft)	35399.42	2690.12	12524.41	11101.81
Avg. Settling Rate (GPD/Ft2)	1314.84	327.72	685.92	579.21
Avg. Detention Time	1.98	22.05	4.74	5.34
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AERATION TANKS	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	16.69	41.53	20.04
Avg. Detention Time (Hours)	17.72	3.21	3.17

# CHLORINE CONTACT CHAMBERS

Contact Chambers in Use 2.0
Volume (Gallons) 2340000
Avg. Detention Time (Hours) 4.93

Remarks: BY-PASS REPORTS (See Attached)