



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

October 14, 2020

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 1st to September 30th 2020 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet permit for 30 day BOD, 7 day BOD, 30 day TSS, 7 day TSS, and TSS percent removal reporting requirements.

Compromised solids handling equipment continue to contribute to our effluent exceedances. MSD has contracted with a third party for temporary dewatering services. This temporary dewatering service will reduce the solids loading to the Morris Forman plant. Additionally an Emergency Design Build Project for new solids handling equipment will be installed and in service in the late spring of 2021.

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

Sincerely,

John Kessel
Assistant Director Treatment Facilities

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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
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 permit limit. Please verify that the value you have provided is correct. (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 permit limit. Please verify that the value you have provided is correct. (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 permit limit. Please verify that the value you have provided is correct. (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 permit limit. Please verify that the value you have provided is correct. (Error Code: 1)	Yes
81011	Solids, suspended percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. (Error Code: 1)	Yes

Comments**Attachments**

Name	Type	Size
MFWQTCoverletter092020.Pdf	pdf	41403.0
MorrisFormanSeptDischarges.pdf	pdf	95949.0
MFWQTC092020MOR.Pdf	pdf	127429.0

Report Last Saved By**Morris Forman WQTC MSD**

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2020-10-21 11:20 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2020-10-21 11:24 (Time Zone: -04:00)

DMR Copy of Record

Permit					
Permit #:	KY0022411	Permittee:	Morris Forman WQTC MSD	Facility:	MORRIS FORMAN WQTC MSD
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203	Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211
Permitted Feature:	001 External Outfall	Discharge:	001-B SECONDARY BYPASS		

Report Dates & Status

Monitoring Period:	From 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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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: --

Code	Parameter 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	Value 2	Qualifier 3				Value 3	Units						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	142.0	=	259.0	19 - mg/L	0	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS							
					Permit Req.														Req Mon MO AVG	Req Mon MX WK AV					
					Value NODI																				
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	229.0	=	415.0	19 - mg/L	0	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS							
					Permit Req.															Req Mon MO AVG	Req Mon MX WK AV				
					Value NODI																				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	303.0	=	640.0	19 - mg/L	0	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS							
					Permit Req.																Req Mon MO AVG	Req Mon MX WK AV			
					Value NODI																				
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	127.0	=	176.0	19 - mg/L	0	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS							
					Permit Req.																	Req Mon MO AVG	Req Mon MX WK AV		
					Value NODI																				
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	8.8	=	18.2	19 - mg/L	0	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS							
					Permit Req.																		Req Mon MO AVG	Req Mon MX WK AV	
					Value NODI																				
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	12.8	=	22.8	19 - mg/L	0	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS							
					Permit Req.																			Req Mon MO AVG	Req Mon MX WK AV
					Value NODI																				
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	31.7	=	39.5	03 - MGD						0	04/30 - Four Per Month WH/DS - When Discharging	CN - CONTIN CN - CONTIN							
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD															
					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
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2020-10-21 11:21 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org

Name: John Kessel
E-Mail: kessel@louisvillemsd.org
Date/Time: 2020-10-21 11:24 (Time Zone: -04:00)

DMR Copy of Record

Permit			
Permit #:	KY0022411	Permittee:	Morris Forman WQTC MSD
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203
Permitted Feature:	001 External Outfall	Discharge:	001-Y BIOMONITORING/ONCE PER QUARTER
Facility:		Facility:	MORRIS FORMAN WQTC MSD
		Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status			
Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	James A.	Title:	Executive Director
Last Name:	Parrott	Telephone:	502-540-6000

No Data Indicator (NODI)
Form NODI: --

Code	Parameter 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	Value 2	Qualifier 3			
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	243.0	=	243.0	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01025	Cadmium, dissolved [as Cd]	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01040	Copper, dissolved [as Cu]	1 - Effluent Gross	0	--	Sample						<	0.01	=	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01049	Lead, dissolved [as Pb]	1 - Effluent Gross	0	--	Sample						<	0.05	<	0.05	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01090	Zinc, dissolved [as Zn]	1 - Effluent Gross	0	--	Sample						<	0.05	<	0.05	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.06	=	0.06	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.05	<	0.05	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample								<	1.0	2F - tox acute		01/90 - Quarterly	G2 - GRAB-2
					Permit Req.								<=	1.0 DAILY MX	2F - tox acute			
					Value NODI													

Submission Note
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Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By

Morris Forman WQTC MSD

User: kessel@louisvillemsd.org
Name: John Kessel
E-Mail: kessel@louisvillemsd.org
Date/Time: 2020-10-21 11:23 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org
Name: John Kessel
E-Mail: kessel@louisvillemsd.org
Date/Time: 2020-10-21 11:23 (Time Zone: -04:00)



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

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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298942		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	03/04/2008	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 01:28 PM	MAIN

Discharge Reporting:

Discharge Amount:	24,375 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299304
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVERFLOW SIGNS POSTED ALONG THE CREEK TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	08426	4315 PRUITT CT		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3298986		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	02/25/2011	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 02:43 PM	MAIN

Discharge Reporting:

Discharge Amount:	148 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299289
Control Zone:	BARRICADE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3298988		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	02/25/2011	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/04/20 07:10 AM	MAIN

Discharge Reporting:

Discharge Amount:	399,000 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299344
Control Zone:	BARRICADE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	08429	4337 PRUITT CT		BUECHEL BRANCH	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3298984		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	05/03/2019	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/04/20 07:11 AM	MAIN

Discharge Reporting:

Discharge Amount:	1,131 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299342
Control Zone:	BARRICADE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	08430	4341 PRUITT CT		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3298983		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	06/22/2011	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 02:44 PM	MAIN

Discharge Reporting:

Discharge Amount:	302 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#WO#3299291
Control Zone:	BARRICADE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SSL Sewer Service Line	085100290046A	4332 PRUITT CT		SOUTH FORK BEARGRASS CREEK	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298991		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	12/05/2011	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/04/20 07:12 AM	LAT

Discharge Reporting:

Discharge Amount:	5,655 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299345
Control Zone:	BARRICADE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/4/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/4/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298915		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	11/29/2001	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 04:35 PM	MAIN

Discharge Reporting:

Discharge Amount:	400,000 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED DISCHARGE PIPE IS SUBMERGED AND DIRECTLY INTO CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED THE PIPE DISCHARGES DIRECTLY TO CREEK.
Impact:	NONE OBSERVED OVER FLOW 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 CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	111120	10191 BUNSEN WAY		CHENOWETH RUN	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3299002		09/03/2020	FRENCH	LEONG	REPAIRED - ISSUE RESOLVED	09/03/2020	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	09/09/20 01:48 PM	

Discharge Reporting:

Discharge Amount:	51,705 GAL
Cause:	RAIN EVENT CAUSED CULVERT AND ROAD FAILURE AND DAMAGED SEWER LINE.
Clean Up:	SIGNS AT LOCATION.
Control Zone:	ROAD IS BLOCKED OFF, TEMPORARY SIGNS INSTALLED DOWNSTREAM.
Impact:	SEWAGE MIXED WITH STORMWATER IMPACTING CHENOWETH RUN.
Repair:	ISSUE REPAIRED.
Public Notification:	PERMANENT OVERFLOW WARNING SIGNS POSTED AND POTENTIALLY NEWS AND SOCIAL MEDIA.

Notifications:

9/4/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/4/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	27012	2408 GRAY FOX RD		MIDDLE FORK BEARGRASS	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298936		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	03/09/2019	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/04/20 06:40 AM	MAIN

Discharge Reporting:

Discharge Amount:	99,000 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299347
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298940		09/03/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	08/30/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 02:12 PM	MAIN

Discharge Reporting:

Discharge Amount:	39,120 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299300
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298939		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	01/03/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 02:11 PM	MAIN

Discharge Reporting:

Discharge Amount:	16,400 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299299
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28413	3317 DELL RD		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3298932		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	03/20/2002	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 02:07 PM	MAIN

Discharge Reporting:

Discharge Amount:	5,640 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299296
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28414	3400 DELL RD		CHENOWETH RUN	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298931		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	01/03/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 02:06 PM	MAIN

Discharge Reporting:

Discharge Amount:	9,375 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299295
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3298929		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	12/19/2002	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 02:03 PM	MAIN

Discharge Reporting:

Discharge Amount:	18,500 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299294
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28452	3402 CHARLANE PKY		CHENOWETH RUN	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3298935		09/03/2020	DAVIS BROWNMITCHELL		QUEUED FOR REPAIR	09/03/2020	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 02:08 PM	MAIN

Discharge Reporting:

Discharge Amount:	744 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299298
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298934		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	10/28/2015	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/04/20 06:15 AM	MAIN

Discharge Reporting:

Discharge Amount:	53,600 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299346
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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

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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298938		09/03/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	05/10/2014	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/04/20 06:54 AM	MAIN

Discharge Reporting:

Discharge Amount:	198,000 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299348
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298945		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	12/05/2011	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 01:40 PM	MAIN

Discharge Reporting:

Discharge Amount:	48,500 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299305
Control Zone:	BARRICADE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVERFLOW SIGNS POSTED ALONG THE CREEK TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3298944		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	02/06/2008	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/04/20 06:40 AM	MAIN

Discharge Reporting:

Discharge Amount:	425,950 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	RESET MANHOLE LID. NO CLEANUP PERFORMED. ADDITIONAL RAIN WASHED AWAY DEBRIS BEFORE CLEAN UP COULD BE INITIATED. LIMITED ACCESS TO DUE TO CONSTRUCTION.
Control Zone:	UNABLE TO ACCESS THE DISCHARGE SITE DUE TO FLOODING.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW SIGNS POSTED ALONG THE CREEK TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298941		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	03/10/2011	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 01:17 PM	MAIN

Discharge Reporting:

Discharge Amount:	6,144 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299302
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SSL Sewer Service Line	85055	4345 PRUITT CT		BUECHEL BRANCH	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298989		09/03/2020	DAVIS BROWN	MITCHELL	QUEUED FOR REPAIR	09/03/2020	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 02:45 PM	LAT

Discharge Reporting:

Discharge Amount:	675 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3299290
Control Zone:	BARRICADE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/4/20 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 Treatment Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN		WEST

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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3298917		09/03/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	08/01/1969	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	09/03/20 06:45 PM	MAIN

Discharge Reporting:

Discharge Amount:	3,300,000 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED DISCHARGE PIPE DISCHARGES DIRECTLY INTO CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED THE PIPE DISCHARGES DIRECTLY TO CREEK.
Impact:	NONE OBSERVED OVER FLOW 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 CONTACT WITH DISCHARGED CONTENT.

Notifications:

9/3/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/3/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPLSewer Treatment Plant	MSD0278	4522 ALGONQUIN PKY		OHIO RIVER	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISDW: DRY WEATHER DISCHARGE	3306770		09/30/2020	BURCH	BURCH	REPAIRED - ISSUE RESOLVED	05/06/2020	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE-WATERS	09/30/20 04:00 PM	

Discharge Reporting:

Discharge Amount:	200 GAL
Cause:	SEAL FAILURE ON ISOLATION GATE.
Clean Up:	N/A
Control Zone:	NONE.
Impact:	NONE.
Repair:	PUMPED OUT REMAINING WATER.
Public Notification:	PERMANENT SIGN AT OUTFALL AREA.

Notifications:

10/1/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Total Facilities Printed: 23

Total Work Orders Printed: 23

Format: Month/Day/Year
 Enter Start Date : 9/1/20

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF September-20
 KPDES PERMIT NO. KY0022411 PLANT CAPACITY - 120 MGD RECEIVING STREAM-OHIO RIVER

DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		pH		SETS (M/L)		TSS (mg/L)		D.O. (mg/L)	5-DAY BOD (mg/L)			RETURN SLUDGE				AERATION BASIN				ACTIVE		CHLORINATION			FINAL EFFLUENT			
	Final Sec.	Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	prim.	final	final	95	FLOW MG	TSS g/L	TVSS g/L	D.O. mg/L	MLSS g/L	MLVSS g/L	SET	SVI	Sludge Wasted MG	Primary Sludge MG	Chlorine Dosage KLBS	Resid mg/L	Fecal Collform #/100 ml	NH3-N mg/L	Pump. Hours
9/1/20	65.06	65.06	0.00	79	79	7	6.6	9.9	0.7	378	104	4.4	471	383	95	25.8	17.4	15.2	0.7	5.6	4.9	468	84	0.64	0.19	2.95	0.016	177	14.8	0.0		
9/2/20	134.72	106.88	27.84	79	79	7.1	6.5	11.5	5.5	340	308	2.5	306	247	172	25.8	18.9	16.6	2.6	5.3	4.7	436	83	0.59	0.29	5.53	0.016	1820	10	0.0		
9/3/20	203.49	124.01	79.48	79	79	7.2	6.4	4.5	0.5	180	142	2.9	201	116	88	25.8	19.6	16.8	5.0	4.0	3.5	313	78	0.66	0.31	5.87	0.016	2420	4.8	0.0		
9/4/20	143.83	132.72	11.11	79	79	7.2	6.6	4.5	0.2	328	123	4.2	218	137	48	25.9	18.0	15.1	6.8	4.6	3.9	268	59	0.23	0.15	5.87	0.016	75	2	0.0		
9/5/20	103.76	103.76	0.00	75	75	7.2	6.6	5.5	0.2	250	52	4.5	244	176	24	26.0	19.7	16.7	6.9	5.6	4.8	349	63	0.00	0.17	4.91	0.016	4	0.85	0.0		
9/6/20	73.06	73.06	0.00	74	74	7.4	6.6	14	0.8	220	125	6	280	172	43	26.1	17.4	14.9	7.6	5.2	4.4	506	98	0.00	0.09	3.34	0.016	80	1.3	0.0		
9/7/20	68.07	68.07	0.00	74	74	7.5	6.6	7.5	2.1	116	202	4.3	98	85	80	26.0	17.4	15.0	14.2	5.6	4.8	518	92	0.17	0.10	2.47	0.016	20	7.9	0.0		
9/8/20	67.91	67.91	0.00	78	78	7.3	6.6	9.1	0.9	250	130	6.8	206	139	64	25.7	15.9	13.7	14.6	5.9	5.0	448	77	0.67	0.42	2.04	0.016	4	20.1	0.0		
9/9/20	58.65	58.65	0.00	78	78	7.1	6.6	13.1	0.3	808	21	6.6	476	278	14	25.6	16.2	14.0	9.1	4.9	4.3	429	87	0.58	0.30	1.85	0.016	10	20	0.0		
9/10/20	57.80	57.80	0.00	79	79	7.1	6.6	12.2	0.1	416	11	5.4	499	354	9	26.3	16.0	13.8	4.7	5.8	5.0	537	93	0.52	0.34	2.02	0.016	25	17.7	0.0		
9/11/20	62.35	62.35	0.00	78	78	6.9	6.8	11.7	0.1	447	24	5.8	512	283	16	30.4	16.7	14.4	6.3	4.0	3.5	488	119	0.43	0.34	2.24	0.016	4	18.6	0.0		
9/12/20	57.97	57.97	0.00	79	79	7	6.5	11	0.1	417	24	7	487	309	17	26.8	16.4	14.1	4.8	5.5	4.8	564	102	0.01	0.20	2.37	0.016	4	15.1	0.0		
9/13/20	58.31	58.31	0.00	77	77	7.2	6.4	10	0.1	304	19	5.6	278	230	14	26.3	16.2	14.1	4.4	5.4	4.8	634	118	0.22	0.17	2.43	0.016	4	9.8	0.0		
9/14/20	56.85	56.85	0.00	77	77	7	6.5	10	0.1	360	58	6.1	342	257	23	26.5	16.6	14.0	6.7	6.5	5.5	591	91	0.41	0.20	2.43	0.016	28	17.8	0.0		
9/15/20	55.34	55.34	0.00	77	77	7	6.6	10	0.2	364	51	5.4	449	349	23	26.5	15.4	13.2	4.3	5.4	4.6	546	102	0.52	0.33	2.19	0.016	4	20.2	0.0		
9/16/20	55.10	55.10	0.00	77	77	7	6.5	9.5	0.2	316	60	5.1	465	317	30	26.3	15.5	13.4	2.4	8.7	7.5	578	66	0.37	0.47	2.19	0.016	4	19	0.0		
9/17/20	53.68	53.68	0.00	77	77	7	6.5	11	0.1	572	48	4.8	598	370	24	26.3	16.1	13.9	2.7	7.0	6.0	570	82	0.48	0.48	2.04	0.016	90	18.9	0.0		
9/18/20	51.51	51.51	0.00	77	77	7.2	6.6	11	0.1	248	32	5.4	531	355	29	26.4	18.5	15.6	2.8	6.5	5.4	587	93	0.21	0.31	1.74	0.016	302	17.5	0.0		
9/19/20	49.01	49.01	0.00	73	73	6.9	6.4	13	0.1	440	40	5.1	724	547	29	26.2	17.0	14.6	1.6	6.4	5.6	626	98	0.00	0.00	1.74	0.016	560	13.3	0.0		
9/20/20	48.71	48.71	0.00	71	71	7.1	6.5	9.9	0.3	432	140	4.9	479	381	88	26.5	17.6	15.4	2.4	5.6	4.9	683	124	0.19	0.14	1.89	0.016	4	8	0.0		
9/21/20	46.70	46.70	0.00	75	75	7	6.6	11	0.6	403	195	5	582	463	87	26.2	16.8	15.0	1.8	6.9	6.2	679	111	0.34	0.42	1.95	0.016	4	16.5	0.0		
9/22/20	50.36	50.36	0.00	73	73	7.1	6.5	12.9	0.3	488	96	5.5	713	336	54	26.6	18.0	15.9	2.8	8.2	7.2	734	90	0.55	0.45	2.22	0.016	12	15.8	0.0		
9/23/20	52.66	52.66	0.00	75	75	7.1	6.5	15	0.5	508	113	6.6	621	395	70	27.1	15.6	14.0	2.6	5.9	5.3	653	111	0.35	0.47	2.22	0.016	170	16.2	0.0		
9/24/20	54.52	54.52	0.00	77	77	6.8	6.4	11.1	1.4	396	178	4.6	765	428	94	27.1	17.2	15.2	1.3	8.1	7.4	766	94	0.50	0.33	2.02	0.016	440	16.8	0.0		
9/25/20	49.12	49.12	0.00	77	77	6.8	6.5	12	0.1	450	98	5.1	613	363	59	26.8	18.8	16.7	2.1	7.1	6.2	627	89	0.34	0.27	2.46	0.016	4	17.2	0.0		
9/26/20	50.16	50.16	0.00	75	75	6.6	6.3	11	0.7	404	232	6	741	560	92	27.1	18.3	16.2	2.2	7.5	6.9	696	94	0.00	0.00	2.50	0.016	4	12.8	0.0		
9/27/20	49.74	49.74	0.00	77	77	6.9	6.4	12	7	393	287	4.4	579	535	112	27.1	16.8	14.9	2.0	6.6	5.9	749	114	0.19	0.08	2.50	0.016	4	6.6	0.0		
9/28/20	79.47	71.29	8.18	74	74	6.8	6.4	14	31	580	640	5	587	415	259	27.0	16.2	14.7	1.2	7.6	6.9	663	89	0.63	0.47	3.16	0.016	117	18.2	0.0		
9/29/20	58.65	58.65	0.00	70	70	7	6.4	9	0.2	433	68	5.3	447	307	58	28.7	16.7	14.6	2.2	6.3	5.6	669	107	0.64	0.39	3.16	0.016	7	21	0.0		
9/30/20	52.91	52.91	0.00	69	69	7	6.4	9.9	0.3	394	75	4.7	532	304	60	29.9	16.7	15.2	5.2	7.6	6.8	699	93	0.50	0.24	2.63	0.016	124	9.7	0.0		
Sum	2069.47	1942.86	126.61													800.8								10.94	8.12					0.0		
Average	68.98	64.76	31.65	76	76	7.0	6.5	10.6	1.8	388	123	5.2	468	320	63	26.7	17.1	14.9	4.5	6.2	5.4	569	93	0.36	0.27	2.76	0.016	28	13.6	0.0		

SEWER CONNECTIONS 148119 TIMES 4 = 592476 SEWER POPULATION IND. WASTER POPULATION EQ CUSTOMERS 388
 FLOW 69777
 BOD 996992
 TSS 477975

Authorized Agent

Certification No. 26893

MORRIS FORMAN WASTEWATER - JEFFERSON COUNTY, KY

Month of Sep-20

Average Flow

Primary	Battery A	Battery B	Battery C
Secondary			

Settling Tanks

Average Flow	69.54	16.20	18.44	7.24
Tanks in Se	4.00	8.0	7.0	8.0
Surface Ar	7700.00	69200.00	60550.00	69200.00
Volume (M	8.33	7.09	6.20	7.09
Weir Leng	2860.00	2868.00	2509.50	2868.00
Avg. Weir (24313.48	5649.91	7346.29	2525.21
Avg. Settli	903.07	406.28	469.62	172.08
Avg. Deten	2.88	10.50	8.07	23.49

Aeration Tanks

Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	28.11	28.44	11.91
Avg. Detention Time (l	6.22	5.47	6.96

Chlorine Contact Chambers

Contact Ch 2.0
Volume (G: 2340000
Avg. Deten 1.73

Remarks: BY-PASS REPORTS (See Attached)