



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

September 21, 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 August 1st to August 31st, 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 BOD or TSS Percent Removal for the reporting period.

Compromised solids handling equipment is contributing to the exceedances. Additionally, Oxygenation Battery A was removed from service for two weeks reducing plant capacity by 40%. Battery A was taken out of service for inspection and repair of two mixers in the Battery and diffusers in the Mixed Liquor Channel.

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 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:	001-1 MUNICIPAL DISCHARGE		

Report Dates & Status					
Monitoring Period:	From 08/01/18 to 08/31/18	DMR Due Date:	09/28/18	Status:	NetDMR Validated

Considerations for Form Completion
 G - INFLUENTE - SECONDARY EFFLUENT1 - FINAL EFFLUENT - Parameter 74055 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Principal Executive Officer					
First Name:	James 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	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	2.4					19 - mg/L	01/01 - Daily	GR - GRAB		
					Permit Req.					>=	2 INST MIN					19 - mg/L				
					Value NODI															
X 00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	52038	=	71417	26 - lb/d		=	73	=	103	19 - mg/L	2	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L				
					Value NODI															
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	259884	=	273994	26 - lb/d		=	339	=	392	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L					
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.3			=	6.7	12 - SU	01/01 - Daily	GR - GRAB		
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU				
					Value NODI															
X 00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	109926	=	187346	26 - lb/d		=	152	=	270	19 - mg/L	2	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L				
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	282135	=	319145	26 - lb/d		=	368	=	405	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L					
					Value NODI															
00610	Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0	--	Sample	=	7959	=	8962	26 - lb/d		=	11.5	=	13.6	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L				
					Value NODI															
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	8302	=	8929	26 - lb/d		=	11.3	=	13.1	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L					
					Value NODI															
50050	Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	--	Sample	=	87.16	=	123.47	03 - MGD							99/99 - Continuous	CN - CONTIN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample									<	0.016	19 - mg/L	01/01 - Daily	GR - GRAB		
					Permit Req.											<=			.019 DAILY MX	19 - mg/L
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	1	--	Sample							=	123	=	152	13 - #/100mL	01/01 - Daily	GR - GRAB		
					Permit Req.							<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL				
					Value NODI															
X 81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	79					23 - %	1	01/30 - Monthly	CA - CALCTD	
					Permit Req.							>=	85 MO MIN							23 - %
					Value NODI															
X 81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	59					23 - %	1	01/30 - Monthly	CA - CALCTD	
					Permit Req.							>=	85 MO MIN							23 - %
					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						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge

81011	Solids, suspended percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
81010	BOD, 5-day, percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	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 2	Soft	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 permit 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 permit 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 permit limit. (Error Code: 1)	Yes

Comments

Attachments

Name	Type	Size
MFWQTC082018MOR.pdf	pdf	87263
Coverletter082018MFWQTC.pdf	pdf	29857
August2018_OverflowReport_MorrisForman.pdf	pdf	194403

Report Last Saved By

Morris Forman WQTC MSD

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2018-09-21 13:42 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2018-09-21 13:43 (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-B SECONDARY BYPASS
Facility:		Facility Location:	MORRIS FORMAN WQTC MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status

Monitoring Period:	From 08/01/18 to 08/31/18	DMR Due Date:	09/28/18	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			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	113	=	156	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		
					Value NODI												
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	187	=	233	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	219	=	284	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		
					Value NODI												
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	209	=	254	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		
					Value NODI												
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	10.3	=	11	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		
					Value NODI												
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	13.6	=	17.3	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		
					Value NODI												
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	18.73	=	94.8	03 - MGD					16/30 - 16 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: 2018-09-21 13:42 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2018-09-21 13:43 (Time Zone: -04:00)

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965184		08/16/2018	BROWN	MITCHELL	DOCUMENTED	03/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/16/18 06:47 PM	

Discharge Reporting:

Discharge Amount:	63,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO #2966553
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 PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	02935	7900 SHELBYVILLE RD		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965181		08/16/2018	BROWN	MITCHELL	DOCUMENTED	03/19/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/16/18 06:45 PM	

Discharge Reporting:

Discharge Amount:	10,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANING NEEDED MANHOLE DISCHARGING DIRECTLY INTO THE CREEK.
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING DIRECTLY 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.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	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	2965195		08/16/2018	BROWN	MITCHELL	DOCUMENTED	02/25/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 04:10 PM	

Discharge Reporting:

Discharge Amount:	6,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS AND A BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING NO SOLIDS OR DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DISCHARGED CONTENT.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965196		08/16/2018	BROWN	MITCHELL	DOCUMENTED	02/25/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 04:05 PM	

Discharge Reporting:

Discharge Amount:	6,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS AND A BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING NO SOLIDS OR DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMPORARY AND PERMANENT SIGNS TO AVOID DISCHARGED CONTENT.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	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	2965197		08/16/2018	BROWN	MITCHELL	DOCUMENTED	06/22/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 04:09 PM	

Discharge Reporting:

Discharge Amount:	6,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND A BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING NO SOLIDS OR DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DISCHARGED CONTENT.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	085100290046A	4332 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	2965201		08/16/2018	BROWN	MITCHELL	DOCUMENTED	12/05/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 04:09 PM	

Discharge Reporting:

Discharge Amount:	5,800 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#2965213
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND A BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	CLEAN OUT DISCHARGING IN THE YARD.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965071		08/16/2018	BROWN	MITCHELL	DOCUMENTED	11/29/2001	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/17/18 10:00 AM	

Discharge Reporting:

Discharge Amount:	150 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.
Control Zone:	NO CONTROL ZONE SET, PIPE DISCHARGES DIRECTLY TO STREAM.
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.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2958042		08/01/2018	BROWN	MITCHELL	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/01/18 07:15 PM	

Discharge Reporting:

Discharge Amount:	13,584 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEAN UP REQUIRED.MH DISCHARGED DIRECTLY INTO THE CREEK.
Control Zone:	NONE NEEDED DICHARGING FROM SUMERGED PIPE DIRECTLY INTO CREEK.
Impact:	NONE OBSERVED NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DISCHARGE.

Notifications:

8/2/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/2/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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 DISCHARGE	2964985		8/16/2018 7:45:00AM	MITCHELL	BROWN	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 06:45 PM	

Discharge Reporting:

Discharge Amount:	792,000 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.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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 DISCHARGE	2967055		8/19/2018 10:15:00PM	MITCHELL	BROWN	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/20/18 03:00 PM	

Discharge Reporting:

Discharge Amount:	52,481 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.

Notifications:

8/20/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/20/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965086		08/16/2018	BROWN	MITCHELL	DOCUMENTED	02/22/2000	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/16/18 04:27 PM	

Discharge Reporting:

Discharge Amount:	22,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO#2965485
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND A BARRICADE.
Impact:	MANHOLE DISCHARGING LIGHT DEBRIS.
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.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	26752	3317 BROWNSBORO RD		MUDDY FORK BEARGRASS CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2964926		08/16/2018	BROWN	MITCHELL	DOCUMENTED	04/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 10:30 AM	

Discharge Reporting:

Discharge Amount:	2,850 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED, MANHOLE DISCHARGING DIRECTLY INTO CREEK.
Control Zone:	BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.
Impact:	MANHOLE DISCHARGING, DIRECTLY INTO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965077		08/16/2018	BROWN	MITCHELL	DOCUMENTED	01/03/2005	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 09:50 PM	

Discharge Reporting:

Discharge Amount:	15,125 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NONE CLEAN UP NEEDED, NO SOLID OR DEBRIS OBSERVED.
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 AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965013		08/16/2018	BROWN	MITCHELL	DOCUMENTED	08/30/2005	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 09:30 PM	

Discharge Reporting:

Discharge Amount:	51,150 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT NEEDED NO SOLID OR DEBRIS OBSERVED.
Control Zone:	CAUTION TAPE, TEMP DISCHARGE SIGNS, AND A BARRICADE.
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.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965019		08/16/2018	BROWN	MITCHELL	DOCUMENTED	01/03/2005	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 09:35 PM	

Discharge Reporting:

Discharge Amount:	51,150 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.
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.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2964991		08/16/2018	BROWN	MITCHELL	DOCUMENTED	12/19/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/16/18 02:19 PM	

Discharge Reporting:

Discharge Amount:	13,700 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO#2965857
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 NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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 DISCHARGE	2965056		08/16/2018	BROWN	MITCHELL	DOCUMENTED	04/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/16/18 02:15 PM	

Discharge Reporting:

Discharge Amount:	1,225 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO#2969482
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 PERMANENT SIGNS TO AVOID DISCHARGED CONTENT.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965001		08/16/2018	BROWN	MITCHELL	DOCUMENTED	10/28/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 02:25 PM	

Discharge Reporting:

Discharge Amount:	6,925 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING NO SOLIDS OR DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2964995		08/16/2018	BROWN	MITCHELL	DOCUMENTED	10/28/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 09:27 PM	

Discharge Reporting:

Discharge Amount:	16,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS WERE 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 AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965214		08/16/2018	BROWN	MITCHELL	DOCUMENTED	05/10/2014	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/17/18 09:10 AM	

Discharge Reporting:

Discharge Amount:	19,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEAN UP REQUIRED , DISCHARGED DIRECTLY INTO THE CREEK.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND A BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING DIRECTLY 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.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	45835	1132 ROSTREVOR CIR		MIDDLE 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	2964863		08/16/2018	BROWN	MITCHELL	DOCUMENTED	09/02/2003	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/17/18 08:55 AM	

Discharge Reporting:

Discharge Amount:	211,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	DISCLN WO#2965450
Control Zone:	BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.
Impact:	HEAVY DEBRIS DISCHARGING FROM MANHOLE & FLOWING INTO THE CREEK.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	45900	1122 ROSTREVOR CIR		HAWKINS RILL	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2964986		08/16/2018	BROWN	MITCHELL	DOCUMENTED	12/27/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/16/18 03:30 PM	

Discharge Reporting:

Discharge Amount:	6,800 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO#2965865
Control Zone:	BARRICADES, TEMP SIGS AND CAUTION TAPE WERE PLACED AROUND 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.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965179		08/16/2018	BROWN	MITCHELL	DOCUMENTED	12/05/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 06:55 PM	

Discharge Reporting:

Discharge Amount:	315,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO#2966552
Control Zone:	CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING MEDIUM DEBRIS.
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.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	47583	202 OXMOOR LN		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965171		08/16/2018	BROWN	MITCHELL	DOCUMENTED	02/06/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/16/18 06:55 PM	

Discharge Reporting:

Discharge Amount:	31,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO#2966552
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 PERMANENT SIGNS TO AVOID DISCHARGED CONTENT.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965192		08/16/2018	BROWN	MITCHELL	DOCUMENTED	03/19/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 12:46 PM	

Discharge Reporting:

Discharge Amount:	20,000 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 DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.
Impact:	MANHOLE DISCHARGING, DEBRIS 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.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	51160	3305 INDIAN CREEK 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	2965099		08/16/2018	BROWN	MITCHELL	DOCUMENTED	04/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/16/18 04:30 PM	

Discharge Reporting:

Discharge Amount:	7,050 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DSCLN WO#2966539
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND A 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 PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/17/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2964947		08/16/2018	BROWN	MITCHELL	DOCUMENTED	09/12/2006	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/16/18 03:12 PM	

Discharge Reporting:

Discharge Amount:	8,550 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO#2965488
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 NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	65633	4640 BARBOUR LN		LITTLE GOOSE CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2971178		08/24/2018	CATALANO JR	ASHLEY	REPAIRED - ISSUE RESOLVED	08/24/2018	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	08/24/18 03:51 PM	

Discharge Reporting:

Discharge Amount:	4,800 GAL
Cause:	GATE VALVE FAILURE ON ORFM.
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.
Repair:	REPAIRS TO VALVE UNDERWAY.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

8/25/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2964910		08/16/2018	BROWN	MITCHELL	DOCUMENTED	05/29/2012	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 02:05 PM	

Discharge Reporting:

Discharge Amount:	54,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO#2965212
Control Zone:	BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.
Impact:	MANHOLE DISCHARGE, DEBRIS INTO THE CREEK.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965200		08/16/2018	BROWN	MITCHELL	DOCUMENTED	03/10/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 06:55 PM	

Discharge Reporting:

Discharge Amount:	54,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO#2965214
Control Zone:	BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
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.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965185		08/16/2018	BROWN	MITCHELL	DOCUMENTED	03/19/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 06:50 PM	

Discharge Reporting:

Discharge Amount:	21,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	DISCLN WO#2965216
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 AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

8/17/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	CSO020	147 BUCHANAN ST		OHIO RIVER	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2962582		08/10/2018	DODDS	DODDS	REPAIRED - ISSUE RESOLVED	08/10/2018	STRUCTURAL FAILURE	UNAUTHORIZED DISCHAGE - WATERS	08/10/18 08:06 AM	

Discharge Reporting:

Discharge Amount:	886,413 GAL
Cause:	PLANNED OUTAGE TO INSTALL TEMPORARY BULKHEAD IN ORI FOR REPAIRS.
Clean Up:	DISCHARGE UNDERWATER, NO CLEANUP POSSIBLE.
Control Zone:	PERMANENT SIGNS POSTED.
Impact:	NONE OBSERVED.
Repair:	PLANNED OUTAGE TO TERMINATE AT 0800.
Public Notification:	WEBSITE UPDATED.

Notifications:

8/10/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/10/18 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	CSO022	342 W MAIN ST		OHIO RIVER	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2962766		08/10/2018	DODDS	DODDS	DOCUMENTED	01/04/2004	STRUCTURAL FAILURE	UNAUTHORIZED DISCHAGE - WATERS	08/10/18 07:00 PM	

Discharge Reporting:

Discharge Amount:	3,000,000 GAL
Cause:	DISCHARGING AT CSO022 DURING RECOVERY FROM OVERNIGHT SHUTDOWN RELATED TO ORI EMERGENCY REPAIR. DISCHARGE UP TO 1 FT OVER WEIR, EST 2-4 MG.
Clean Up:	NONE, DISCHARGE SUBMERGED.
Control Zone:	PERMANENT OVERFLOW SIGNS IN PLACE.
Impact:	NONE, DISCHARGE SUBMERGED.
Repair:	CSO DISCHARGE WILL STOP WHEN STARKEY RETURNS TO NORMAL OPERATING CONDITIONS.
Public Notification:	WEBSITE UPDATED.

Notifications:

8/10/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/10/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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
: DISDWD DRY WEATHER DISCHARGE	2963488		8/14/2018 9:02:00AM	DODDS	DODDS	DOCUMENTED	01/04/2004	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	08/14/18 09:22 AM	

Discharge Reporting:

Discharge Amount:	5,700 GAL
Cause:	TEMPORARY PUMP STATION AT 4TH AND RIVER ROAD. FLOW OVERTOPPED DIVERSION STRUCTURE.
Clean Up:	NONE, DISCHARGE SUBMERGED.
Control Zone:	PERMANENT SIGNS INSTALLED.
Impact:	NONE, DISCHARGE SUBMERGED.
Repair:	ADDIING HEIGHT TO DIVERSTRION STRUCTURE TO INCREASE OPERATIONAL FLEXIBILITY.
Public Notification:	PERMANENT SIGNS INSTALLED.

Notifications:

8/14/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/14/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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
: DISDWDRY WEATHER DISCHARGE	2963807		8/15/2018 8:36:00AM	DODDS	DODDS	DOCUMENTED	01/04/2004	STRUCTURAL FAILURE	UNAUTHORIZED DISCHAGE - WATERS	08/15/18 01:14 PM	

Discharge Reporting:

Discharge Amount:	782,000 GAL
Cause:	TEMPORARY PUMP STATION RELATED TO ORI REPAIR, LOST A VFD.
Clean Up:	NONE POSSIBLE, DISCHARGE SUBMERGED.
Control Zone:	PERMANENT SIGNS POSTED.
Impact:	NONE, DISCHARGE SUBMERGED.
Repair:	VFD CURRENTLY BEING REPLACED BY CONTRACTOR.
Public Notification:	WEBSITE UPDATED.

Notifications:

8/15/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/15/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	CSO200	1397 S 3RD ST		OHIO RIVER	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2975778		08/30/2018	LINTON	LINTON	REPAIRED - ISSUE RESOLVED	08/30/2018	OBSTRUCTION-N OT GREASE / ROOTS	UNAUTHORIZED DISCHAGE - WATERS	08/30/18 01:16 PM	

Discharge Reporting:

Discharge Amount:	330 GAL
Cause:	CSO CREWS COMPLETING WEEKLY NMC MAINTENANCE.
Clean Up:	NO CLEANUP REQUIRED, NO SOLIDS OR DEBRIS OBSERVED.
Control Zone:	PERMANENT OVERFLOW WARNING SIGNS POSTED ALONG THE OUTFALL.
Impact:	NO SOLIDS OR DEBRIS OBSERVED. A MINIMAL AMOUNT OF CLEAN WATER OVERTOPPED THE DAM AS CREWS CLEANED THE BAR SCREEN.
Repair:	NO REPAIR/REMEDIAL ACTION REQUIRED.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW WARNING SIGNS.

Notifications:

8/31/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	IS021A-SI	1201 OLD CANNONS LN		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2964852		08/16/2018	BROWN	MITCHELL	DOCUMENTED	08/01/1969	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/16/18 03:15 PM	

Discharge Reporting:

Discharge Amount:	6,493,073 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED, DISCHARGE WENT DIRECTLY INTO CREEK.
Control Zone:	NONE NEEDED, MANHOLE DISCHARGES DIRECTLY INTO CREEK.
Impact:	NONE OBSERVED REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PERMANENT OVERFLOW ADVISORY SIGNS ARE POSTED ALONG THE CREEK.

Notifications:

8/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2965130		08/16/2018	GOODWIN	BRAZEL	REPAIRED - ISSUE RESOLVED	08/16/2018	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	08/16/18 03:11 PM	

Discharge Reporting:

Discharge Amount:	2,500 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ASSET, 2 TIMERS WERE NON FUNCTIONAL.
Clean Up:	AREA DISINFECTED WITH LIME.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND AROUND MANHOLE.
Repair:	REPLACED 2 BAD TIMERS FOR THE 1ST & 2ND LAG PUMP CONTROLLER.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

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Total Facilities Printed: 34

Total Work Orders Printed: 38

MORRIS FORMAN WASTEWATER TREATMENT PLANT JEFFERSON COUNTY, KY

Month of Aug-18

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	98.16	3.77	33.12	13.99
Tanks in Service	3.00	8.0	6.0	4.0
Surface Area (Ft.2)	77000.00	67685.36	60550.00	34600.00
Volume (MG)	8.33	6.93	6.20	3.54
Weir Length (Ft.)	2860.00	2805.23	2509.50	1434.00
Avg. Weir Overflow (GPD/Ft)	34323.00	1345.10	13198.18	9754.64
Avg. Settling Rate (GPD/Ft2)	1274.85	218.26	712.15	542.11
Avg. Detention Time	2.04	44.10	4.49	6.08

AERATION TANKS

Battery A Battery B Battery C

Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	14.77	43.12	18.76
Avg. Detention Time (Hours)	26.71	3.04	3.60

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2220725
Avg. Detention Time (Hours)	7.06

Remarks: BY-PASS REPORTS (See Attached)