

Appendix A-1 Discharge Work Orders – Dry Weather CSOs



Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, Asset: CSO, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW

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	CSO015	4010 BELLS LN		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	2844934		12/21/2017	BURCH	KOZUMPLIK	DOCUMENTED	12/19/2007	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE - WATERS	12/22/17 03:29 PM	

Discharge Reporting:

Discharge Amount:	142,000 GAL
Cause:	PLC MALFUNCTION AT STRUCTURE
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	NO CONTROL ZONE WAS SET UP – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Impact:	NONE OBSERVED BY MSD PERSONNEL
Repair:	GATES WERE CLOSED
Public Notification:	NA

Notifications:

12/13/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/13/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, Asset: CSO, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW

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	CSO117	938 LOGAN ST		SOUTH FORK BEARGRASS 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	2839616		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 06:30 PM	

Discharge Reporting:

Discharge Amount:	12,700,000 GAL
Cause:	LOUISVILLE WATER CO. 48" MAIN BREAK.
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS ALONG BEARGRASS CREEK.
Impact:	DISCOLORATION ON INITIAL DISCHARGE THEN CLEARED UP.
Repair:	LOUISVILLE WATER CO. TO REPAIR 48" MAIN BREAK.
Public Notification:	UPDATED WEBSITE.

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, Asset: CSO, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW

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	CSO149	623 E KENTUCKY ST		SOUTH FORK BEARGRASS 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	2839599		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 04:30 PM	

Discharge Reporting:

Discharge Amount:	2,624,000 GAL
Cause:	LOUISVILLE WATER 48" WATER MAIN BREAK.
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS ALONG BEARGRASS CREEK.
Impact:	DISCOLORATION UPON INITIAL DISCHARGE THEN CLEARED UP.
Repair:	LOUISVILLE WATER TO REPAIR 48" MAIN.
Public Notification:	POSTED NOTIFICATION TO WEBSITE.

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, Asset: CSO, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW

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	CSO180	636 E ORMSBY AVE		SOUTH FORK BEARGRASS 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	2839653		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 06:30 PM	

Discharge Reporting:

Discharge Amount:	9,189,000 GAL
Cause:	LOUISVILLE WATER CO. 48" MAIN BREAK.
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS ALONG BEARGRASS CREEK.
Impact:	DISCOLORATION ON INITIAL DISCHARGE THEN CLEARED UP.
Repair:	LOUISVILLE WATER CO. TO REPAIR 48" MAIN BREAK.
Public Notification:	MSD WEBSITE OVERFLOW ADVISORY POSTED.

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, Asset: CSO, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW

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	CSO183	819 KESWICK BLVD		SOUTH FORK BEARGRASS 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	2839569		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 02:30 PM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LOUISVILLE WATER MAIN BREAK 48" LINE
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS FLOW DISCHARGE DIRECTLY TO BEARGRASS CREEK THROUGH SNEAD'S BRANCH RELIEF SEWER
Impact:	DISCOLORATION UPON INITIAL DISCHARGE AND THEN BECAME CLEARER AFTER REMAINING DISCHARGES
Repair:	LOUISVILLE WATER CO. TO REPAIR 48" PIPE MAIN
Public Notification:	POSTED ADVISORY TO WEBSITE

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, Asset: CSO, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW

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	CSO187	1260 S SHELBY ST		SOUTH FORK BEARGRASS 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	2839651		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 01:00 PM	

Discharge Reporting:

Discharge Amount:	944,000 GAL
Cause:	LOUISVILLE WATER CO. 48" MAIN BREAK.
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS ALONG BEARGRASS CREEK.
Impact:	DISCOLORATION ON INITIAL DISCHARGE THEN CLEARED UP.
Repair:	LOUISVILLE WATER CO. TO REPAIR 48" MAIN BREAK.
Public Notification:	MSD WEBSITE OVERFLOW ADVISORY POSTED.

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'



Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, Asset: CSO, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW

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	CSO188	1245 S CLAY ST		SOUTH FORK BEARGRASS 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	2839652		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 04:00 PM	

Discharge Reporting:

Discharge Amount:	1,430,000 GAL
Cause:	LOUISVILLE WATER CO. 48" MAIN BREAK.
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS ALONG BEARGRASS CREEK.
Impact:	DISCOLORATION ON INITIAL DISCHARGE THEN CLEARED UP.
Repair:	LOUISVILLE WATER CO. TO REPAIR 48" MAIN BREAK.
Public Notification:	MSD WEBSITE OVERFLOW ADVISORY POSTED.

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Total Facilities Printed: 7

Total Work Orders Printed: 7

Appendix A-2 Discharge Work Orders – Bypass

No Bypasses Occurred
During the Reporting
Period

Appendix A-3 Discharge Work Orders – Unauthorized Discharges

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	2827355		11/03/2017	LOGAN JR	MITCHELL	DOCUMENTED	11/29/2001	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/03/17 11:24 AM	

Discharge Reporting:

Discharge Amount:	36,424 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LOCATION INCLUDED IN IOAP
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

10/28/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
10/28/17 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	2815965		10/08/2017	LOGAN JR	MITCHELL	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	10/08/17 03:45 PM	

Discharge Reporting:

Discharge Amount:	1,437 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2816117
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

9/22/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
9/22/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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

<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>
: DISREVRAIN EVENT DISCHARGE	2823034		10/28/2017 12:45:00AM	MITCHELL	LOGAN JR	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	10/28/17 12:15 PM	

Discharge Reporting:

Discharge Amount:	40,986 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2823093
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

10/24/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
10/24/17 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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

<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>
: DISREVRAIN EVENT DISCHARGE	2827366		11/3/2017 6:15:00AM	MITCHELL	LOGAN JR	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/03/17 11:00 AM	

Discharge Reporting:

Discharge Amount:	20,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2827517
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

10/28/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
10/28/17 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	2845074		12/23/2017 2:30:00AM	MITCHELL	LOGAN JR	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/23/17 11:45 PM	

Discharge Reporting:

Discharge Amount:	55,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2845114
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/23/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/23/17 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	2815962		10/08/2017	LOGAN JR	MITCHELL	DOCUMENTED	05/10/2014	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	10/09/17 05:40 AM	

Discharge Reporting:

Discharge Amount:	120,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2816112
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

9/22/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
9/22/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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

<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>
: DISREVRAIN EVENT DISCHARGE	2827362		11/3/2017 8:30:00AM	MITCHELL	LOGAN JR	DOCUMENTED	05/10/2014	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/03/17 01:53 PM	

Discharge Reporting:

Discharge Amount:	7,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2827462
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

10/28/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
10/28/17 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	2815966		10/08/2017	LOGAN JR	MITCHELL	DOCUMENTED	09/12/2006	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	10/08/17 04:48 PM	

Discharge Reporting:

Discharge Amount:	100 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2815969
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

9/22/17 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: 10/01/2017 00:00 thru 12/31/2017 23:59, 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
KY0078956	MSD0277	DEREK R. GUTHRIE	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	58082	7504 PRESTON HWY		WET WOODS	CATCH BASIN

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2831396		11/16/2017	DAVIS	SOUTHARD	REPAIRED - ISSUE RESOLVED	11/17/2017	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	11/16/17 03:00 PM	

Discharge Reporting:

Discharge Amount:	50 GAL
Cause:	PUMP AROUND IMPLEMENTATION
Clean Up:	CONTRACTOR TO CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	ADVISED PROPERTY OWNERS
Impact:	SEWAGE
Repair:	CONNECTED PUMP
Public Notification:	SIGNS

Notifications:

11/3/17 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: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	CSO015	4010 BELLS LN		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	2844934		12/21/2017	BURCH	KOZUMPLIK	DOCUMENTED	12/19/2007	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE - WATERS	12/22/17 03:29 PM	

Discharge Reporting:

Discharge Amount:	142,000 GAL
Cause:	PLC MALFUNCTION AT STRUCTURE
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	NO CONTROL ZONE WAS SET UP – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Impact:	NONE OBSERVED BY MSD PERSONNEL
Repair:	GATES WERE CLOSED
Public Notification:	NA

Notifications:

12/13/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/13/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	CSO117	938 LOGAN ST		SOUTH FORK BEARGRASS 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	2839616		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 06:30 PM	

Discharge Reporting:

Discharge Amount:	12,700,000 GAL
Cause:	LOUISVILLE WATER CO. 48" MAIN BREAK.
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS ALONG BEARGRASS CREEK.
Impact:	DISCOLORATION ON INITIAL DISCHARGE THEN CLEARED UP.
Repair:	LOUISVILLE WATER CO. TO REPAIR 48" MAIN BREAK.
Public Notification:	UPDATED WEBSITE.

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	CSO149	623 E KENTUCKY ST		SOUTH FORK BEARGRASS 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	2839599		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 04:30 PM	

Discharge Reporting:

Discharge Amount:	2,624,000 GAL
Cause:	LOUISVILLE WATER 48" WATER MAIN BREAK.
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS ALONG BEARGRASS CREEK.
Impact:	DISCOLORATION UPON INITIAL DISCHARGE THEN CLEARED UP.
Repair:	LOUISVILLE WATER TO REPAIR 48" MAIN.
Public Notification:	POSTED NOTIFICATION TO WEBSITE.

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	CSO180	636 E ORMSBY AVE		SOUTH FORK BEARGRASS 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	2839653		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 06:30 PM	

Discharge Reporting:

Discharge Amount:	9,189,000 GAL
Cause:	LOUISVILLE WATER CO. 48" MAIN BREAK.
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS ALONG BEARGRASS CREEK.
Impact:	DISCOLORATION ON INITIAL DISCHARGE THEN CLEARED UP.
Repair:	LOUISVILLE WATER CO. TO REPAIR 48" MAIN BREAK.
Public Notification:	MSD WEBSITE OVERFLOW ADVISORY POSTED.

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	CSO183	819 KESWICK BLVD		SOUTH FORK BEARGRASS 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	2839569		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 02:30 PM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LOUISVILLE WATER MAIN BREAK 48" LINE
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS FLOW DISCHARGE DIRECTLY TO BEARGRASS CREEK THROUGH SNEAD'S BRANCH RELIEF SEWER
Impact:	DISCOLORATION UPON INITIAL DISCHARGE AND THEN BECAME CLEARER AFTER REMAINING DISCHARGES
Repair:	LOUISVILLE WATER CO. TO REPAIR 48" PIPE MAIN
Public Notification:	POSTED ADVISORY TO WEBSITE

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	CSO187	1260 S SHELBY ST		SOUTH FORK BEARGRASS 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	2839651		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 01:00 PM	

Discharge Reporting:

Discharge Amount:	944,000 GAL
Cause:	LOUISVILLE WATER CO. 48" MAIN BREAK.
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS ALONG BEARGRASS CREEK.
Impact:	DISCOLORATION ON INITIAL DISCHARGE THEN CLEARED UP.
Repair:	LOUISVILLE WATER CO. TO REPAIR 48" MAIN BREAK.
Public Notification:	MSD WEBSITE OVERFLOW ADVISORY POSTED.

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	CSO188	1245 S CLAY ST		SOUTH FORK BEARGRASS 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	2839652		12/12/2017	ANDERSON	FLOODPS-SUP	REPAIRED - ISSUE RESOLVED	12/12/2017	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	12/12/17 04:00 PM	

Discharge Reporting:

Discharge Amount:	1,430,000 GAL
Cause:	LOUISVILLE WATER CO. 48" MAIN BREAK.
Clean Up:	MSD CREWS WILL INSPECT CREEK AND CLEAN AS APPROPRIATE.
Control Zone:	PERMANENT SIGNS ALONG BEARGRASS CREEK.
Impact:	DISCOLORATION ON INITIAL DISCHARGE THEN CLEARED UP.
Repair:	LOUISVILLE WATER CO. TO REPAIR 48" MAIN BREAK.
Public Notification:	MSD WEBSITE OVERFLOW ADVISORY POSTED.

Notifications:

11/17/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/17/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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	MSD0080-PS	4010 BELLS LN	SOUTHWESTERN	PADDY 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	2819935		10/23/2017	BURCH	BURCH	REPAIRED - ISSUE RESOLVED	12/23/2017	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	10/26/17 12:01 PM	

Discharge Reporting:

Discharge Amount:	3,000 GAL
Cause:	WEST HEADWORKS AT MORRIS FORMAN WAS NOT AVAILABLE THUS REDUCING THE PLANT FLOW TO 160 MGD. THIS CAUSED THE JUNCTION BOX AT SWPS TO SURCHARGE FLOW.
Clean Up:	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY TO STREAM
Control Zone:	CONES WERE PLACED AT THE SCENE
Impact:	SOIL EROSION
Repair:	BELLS LANE TREATMENT CENTER WAS PLACED INTO SERVICE
Public Notification:	NONE

Notifications:

10/9/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
10/9/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 10/01/2017 00:00 thru 12/31/2017 23:59, 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

<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>
: DISREVRAIN EVENT DISCHARGE	2820093		10/24/2017 7:04:00AM	GOODWIN	GOODWIN	REPAIRED - ISSUE RESOLVED	12/23/2017	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE - WATERS	10/23/17 08:24 AM	

Discharge Reporting:

Discharge Amount:	7,000 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT, PUMPS DID NOT START IN A TIMELY MANNER WHEN FLOW INCREASED
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PLACED BARRICADES AROUND THE IMPACTED AREA
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR
Public Notification:	N/A, INSIDE OF MSD PROPERTY IN NON RESIDENTIAL AREA

Notifications:

10/23/17 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: 10/01/2017 00:00 thru 12/31/2017 23:59, 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

<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>
: DISREVRAIN EVENT DISCHARGE	2845035		12/22/2017 11:30:00PM	BURCH	BURCH	REPAIRED - ISSUE RESOLVED	12/23/2017	MECHANICAL FAILURE	UNAUTHORIZED DISCHAGE - WATERS	12/23/17 12:00 AM	

Discharge Reporting:

Discharge Amount:	10,000 GAL
Cause:	MECHANICAL FAILURE OF GATE ON SPLITTER STRUCTURE ONE
Clean Up:	NO DEBRIS
Control Zone:	CONES
Impact:	SEWAGE
Repair:	GATE WAS ADJUSTED TO 20%
Public Notification:	MSD ADVISED CUSTOMER ON SITE

Notifications:

12/22/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/22/17 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Total Facilities Printed: 13

Total Work Orders Printed: 19