

Appendix A-1 - Discharge Work Orders – Dry Weather CSOs



Report Selections: Period: 07/01/2016 00:00 thru 09/30/2016 23:59, Rec Str: OHIO RIVER, Asset: CSO191, 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	CSO191	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	2617614		09/14/2016	BURCH	BURCH	DOCUMENTED	03/23/2008	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE - WATERS	09/14/16 07:30 PM	MAIN

Discharge Reporting:

Discharge Amount:	260,000 GAL
Cause:	ELECTRICAL MALFUNCTION
Clean Up:	NA - PIPE DISCHARGE SUBMERGED
Control Zone:	NA - PIPE DISCHARGE SUBMERGED
Impact:	NA - PIPE DISCHARGE SUBMERGED
Repair:	REPLACED PLC MODULE
Public Notification:	NA - PIPE DISCHARGE SUBMERGED; PERMANENT OVERFLOW WARNING SIGN POSTED AT LEVY

Notifications:

8/15/16 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
8/15/16 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: 1

Total Work Orders Printed: 1

Appendix A-2 - Discharge Work Orders – Bypass

Report Selections: Period: 07/01/2016 00:00 thru 09/30/2016 23:59, Excluding PPI Excluding CSO Excluding LAT, Prob Code: BYPAS, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022420	MSD0202	HITE CREEK	HITE CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0202	5500 HITT RD		HITE 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	2622093		09/25/2016	ROY	OPS BSHIFT EAST	REPAIRED - ISSUE RESOLVED	09/27/2015	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	09/25/16 11:10 AM	

Discharge Reporting:

Discharge Amount:	77,620 GAL
Cause:	LG&E POWER OUTAGE IN AREA
Clean Up:	NO CLEANUP REQUIRED, MOSTLY TREATED EFFLUENT
Control Zone:	NO CONTROL ZONE ESTABLISHED, PERMANENT OVERFLOW WARNING SIGN POSTED AT OUTFALL
Impact:	NO VISUAL IMPACT, MOSTLY CLEAR TREATED EFFLUENT
Repair:	STANDBY GENERATOR PLACED INTO SERVICE MANUALLY. CONTRACTOR TO REPAIR AUTOMATIC TRANSFER SWITCH
Public Notification:	MSD OVERFLOW ADVISORY UPDATED ON MSD WEBSITE

Notifications:

9/14/16 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: 07/01/2016 00:00 thru 09/30/2016 23:59, Excluding PPI Excluding CSO Excluding LAT, Prob Code: BYPAS, 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
SPL Sewer Treatment Plant	MSD0278	4522 ALGONQUIN PKY		OHIO RIVER	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2601696		08/15/2016	BURCH	BURCH	REPAIRED - ISSUE RESOLVED	08/17/2016	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	08/17/16 06:20 AM	

Discharge Reporting:

Discharge Amount:	9,100,000 GAL
Cause:	POWER OUTAGE
Clean Up:	WASHED DOWN AREA TO CATCH BASINS THAT RETURN FLOW TO HEADWORKS OF PLANT AND VACTORING DEBRIS
Control Zone:	BARRACADE
Impact:	DEBRIS ON ROADWAY
Repair:	POWER RESTORED TO THE PLANT
Public Notification:	PUBLIC NOT IMPACTED

Notifications:

8/9/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
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Total Facilities Printed: 2

Total Work Orders Printed: 2

Appendix A-3 - Discharge Work Orders – Waters of the United States

Report Selections: Period: 07/01/2016 00:00 thru 09/30/2016 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
SMN Sewer Main	06940E-AG	3706 NOBEL CT		MILL CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2600078		08/08/2016	ANDERSON	CHESSER	REPAIRED - ISSUE RESOLVED	08/08/2016	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	08/08/16 01:00 PM	

Discharge Reporting:

Discharge Amount:	250 GAL
Cause:	BROKEN FORCE MAIN APPROX. 40' FROM ROSA TERRACE PUMP STATION IN STORM DITCH
Clean Up:	B&H VACTORING OUT SEWAGE IN DITCH LINE AND LIME APPLIED
Control Zone:	2 SIGNS HAVE BEEN PLACED ALONG DITCH LINE
Impact:	SEWAGE IN DITCH LINE
Repair:	CHEROKEE CONSTRUCTION TO DIG AND REPAIR 4" CAST IRON FORCE MAIN PIPE. 8/9/16 SEED + STRAW PUT DOWN
Public Notification:	SIGNS

Notifications:

7/28/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
7/28/16 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: 07/01/2016 00:00 thru 09/30/2016 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
KY0102784	MSD0294	FLOYDS FORK	FLOYDS FORK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMN Sewer Main	80351B-AG	14310 LAKE FOREST DR		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2590359		07/24/2016	DUNLAP	ANDERSON	REPAIRED - ISSUE RESOLVED	07/24/2016	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	07/24/16 02:50 PM	

Discharge Reporting:

Discharge Amount:	5 GAL
Cause:	FORCE MAIN BREAK IN REAR OF FENCED IN PROPERTY 14307 WAKEFIELD PLACE. FOUND HOLE IN THE SIDE OF THE PIPE SIZE OF A DIME.
Clean Up:	MSD WILL CLEAN AREA. MSD BAGGED UP SLUDGE AND ADDED LIME FOR DISINFECTION.
Control Zone:	ADVISED CUSTOMER TO AVOID CONTACT WITH IMPACTED AREA SIGNS WERE PLACED AT PROPERTY AND LAKE.
Impact:	SEWAGE SLUDGE ON GROUND IN REAR OF FENCED IN PROPERTY 14307 WAKEFIELD PLACE.
Repair:	B&H HAULED STATION WHILE MAC CONSTRUCTION MADE REPAIRS. 12' OF 4" FORCE MAIN REPLACED. RESTORATION COMPLETED.
Public Notification:	ADVISED CUSTOMER ONSITE PLACED SIGNS ALONG WITH PAGE SENT TO MANAGEMNT.

Notifications:

7/1/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
7/1/16 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: 07/01/2016 00:00 thru 09/30/2016 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	CSO191	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	2617614		09/14/2016	BURCH	BURCH	DOCUMENTED	03/23/2008	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE - WATERS	09/14/16 07:30 PM	MAIN

Discharge Reporting:

Discharge Amount:	260,000 GAL
Cause:	ELECTRICAL MALFUNCTION
Clean Up:	NA - PIPE DISCHARGE SUBMERGED
Control Zone:	NA - PIPE DISCHARGE SUBMERGED
Impact:	NA - PIPE DISCHARGE SUBMERGED
Repair:	REPLACED PLC MODULE
Public Notification:	NA - PIPE DISCHARGE SUBMERGED; PERMANENT OVERFLOW WARNING SIGN POSTED AT LEVY

Notifications:

8/15/16 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
8/15/16 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: 07/01/2016 00:00 thru 09/30/2016 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
KY0022420	MSD0202	HITE CREEK	HITE CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0202	5500 HITT RD		HITE 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	2622093		09/25/2016	ROY	OPS BSHIFT EAST	REPAIRED - ISSUE RESOLVED	09/27/2015	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	09/25/16 11:10 AM	

Discharge Reporting:

Discharge Amount:	77,620 GAL
Cause:	LG&E POWER OUTAGE IN AREA
Clean Up:	NO CLEANUP REQUIRED, MOSTLY TREATED EFFLUENT
Control Zone:	NO CONTROL ZONE ESTABLISHED, PERMANENT OVERFLOW WARNING SIGN POSTED AT OUTFALL
Impact:	NO VISUAL IMPACT, MOSTLY CLEAR TREATED EFFLUENT
Repair:	STANDBY GENERATOR PLACED INTO SERVICE MANUALLY. CONTRACTOR TO REPAIR AUTOMATIC TRANSFER SWITCH
Public Notification:	MSD OVERFLOW ADVISORY UPDATED ON MSD WEBSITE

Notifications:

9/14/16 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: 07/01/2016 00:00 thru 09/30/2016 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
SPL Sewer Treatment Plant	MSD0278	4522 ALGONQUIN PKY		OHIO RIVER	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2601696		08/15/2016	BURCH	BURCH	REPAIRED - ISSUE RESOLVED	08/17/2016	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	08/17/16 06:20 AM	

Discharge Reporting:

Discharge Amount:	9,100,000 GAL
Cause:	POWER OUTAGE
Clean Up:	WASHED DOWN AREA TO CATCH BASINS THAT RETURN FLOW TO HEADWORKS OF PLANT AND VACTORING DEBRIS
Control Zone:	BARRACADE
Impact:	DEBRIS ON ROADWAY
Repair:	POWER RESTORED TO THE PLANT
Public Notification:	PUBLIC NOT IMPACTED

Notifications:

8/9/16 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: 07/01/2016 00:00 thru 09/30/2016 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
SLS Sewer Lift Station	MSD1203-PS	4005 KIRBY LN	KIRBY LANE	FERN 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	2594002		07/27/2016	GRAY JR	OPS BSHIFT CENTRAL	DOCUMENTED	05/10/2013	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE - WATERS	07/27/16 09:30 PM	

Discharge Reporting:

Discharge Amount:	9,000 GAL
Cause:	POWER OUTAGE
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEANUP
Control Zone:	ADVISED PROPERTY OWNER TO AVOID DIRECT CONTACT WITH SEWAGE
Impact:	NO IMPACT OBSERVED- PIPE DISCHARGE SUBMERGED
Repair:	RESTORED POWER
Public Notification:	ADVISED CUSTOMER ON SITE

Notifications:

7/25/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
7/25/16 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: 6

Total Work Orders Printed: 6