



Safe, clean waterways

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

March 19, 2018

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: Derek Guthrie Water Quality Treatment Center
KPDES Permit No. KY0078956,
Discharge monitoring report for February 2018.**

Dear Ms. Cheryl Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Derek Guthrie WQTC, KPDES No: KY0078956, for the month of February 2018.

There were no bypass reports for the Derek Guthrie WQTC.

Also attached are overflow reports.

Although the BOD5 and TSS concentration results were below the permitted limits, we had two exceedances of our weekly average of BOD5 and TSS loading limits. This was a result of increased plant flow/ rain over an extended period of time during the month of February. DRGWQTC has recently been issued a new KPDES permit, which becomes effective on May 1, 2018 that includes a new plant design rating of 60 MGD. The increased design capacity rating of 60MGD will reduce the exceedances for loadings during extended high flow events.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6031.

Sincerely,

Kevin Thompson
Process Supervisor, West Region

KLT/West County 02/18
Enclosures

cc: C. Roth
V. Graves
R. Shaw

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00530	Solids, total suspended	1 - Effluent Gross	Quantity or Loading Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	Quantity or Loading Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

Comments**Attachments**

Name	Type	Size
201802_DRG_MOR.pdf	pdf	69653
201802_DRG_COVERLETTER.pdf	pdf	56228
201802DRGWQTCOverflowReport.pdf	pdf	126465

Report Last Saved By**Derek R Guthrie WQTC MSD**

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2018-03-27 07:33 (Time Zone: -04:00)

Report Last Signed By

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2018-03-27 07:33 (Time Zone: -04:00)

DMR Copy of Record

Permit																						
Permit #:	KY0078956			Permittee:	Derek R Guthrie WQTC MSD			Facility:	DEREK R GUTHRIE WQTC MSD													
Major:	Yes			Permittee Address:	700 W Liberty St Louisville, KY 40203			Facility Location:	11621 LOWER RIVER RD LOUISVILLE, KY 40272													
Permitted Feature:	001 External Outfall			Discharge:	001-R REASONABLE POTENTIAL																	
Report Dates & Status																						
Monitoring Period:	From 02/01/18 to 02/28/18			DMR Due Date:	03/28/18			Status:	NetDMR Validated													
Considerations for Form Completion																						
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	Sample Permit Req.	Value 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				
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--									<	0.005		<	0.005	19 - mg/L		01/30 - Monthly	CP - COMPOS	
															Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
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																						
Derek R Guthrie WQTC MSD																						
User:	kevin.thompson@louisvillemsd.org																					
Name:	Kevin Thompson																					
E-Mail:	kevin.thompson@louisvillemsd.org																					
Date/Time:	2018-03-19 12:57 (Time Zone: -04:00)																					
Report Last Signed By																						
User:	kevin.thompson@louisvillemsd.org																					
Name:	Kevin Thompson																					
E-Mail:	kevin.thompson@louisvillemsd.org																					
Date/Time:	2018-03-27 07:34 (Time Zone: -04:00)																					

Name of Sewage Treatment Plant: West County WTP County: Jefferson Month of: February 2018
 KPDES Permit Number: KY0078956 Plant Capacity: 30 MGD Receiving Stream: Ohio River

Date	Total Flow (MG)	Raw Sewage		pH		Settleable Solids (mL/L)			Dissolved Oxygen (mg/L)			Suspended Solids (mg/L)			Total Solids (mg/L)			5-day BOD (mg/L)			Activated Sludge		Aeration Basin						Digested Final			Final											
		Removed (cu. ft.)	Screenings (cu. ft.)	Raw	Final	Raw	Primary (or Sec.)	Final	Stream Above	Final	Stream Below	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Gal/Day	MLSS (mg/L) X 1000	Gal/Day X 1000	Oxygen (mg/L) #1	Oxygen (mg/L) #2	MLSS (mg/L) #1 & #2	MLVSS (mg/L) #1 & #2	30 min. SVI	60 min. SVI	% Solids	Phosphorus (mg/L)	TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Coliform Col/100ml	Hexavalent Chromium	Hardness						
1	25.11			7.7	7.1					8.0			217.0			5.0				214.0			4590				2720	2190	170				0.016	3.10	3								
2	24.45			7.6	6.9					8.0			260.0			6.0				228.0			4500				2880	2310	170				0.016	3.40	9								
3	24.44			7.0	7.1					8.0			275.0			5.0				219.0			4200				3490	2900	170				0.016	4.30	5								
4	26.10			7.2	7.1					8.0			144.0			4.0				156.0			4420				2580	2130	170				0.016	4.20	10								
5	31.19			7.1	7.1					8.0			230.0			6.0				254.0			4450				2160	1810	170				0.016	5.80	2								
6	28.90			7.6	7.1					8.0			352.0			7.0				323.0			4260				2870	2310	170				0.016	4.90	5								
7	72.38			7.1	7.0					8.0			292.0			10.0				189.0			8930				1400	1140	90	1.54	7.10		0.016	4.00	43								
8	40.84			7.2	7.0					8.0			140.0			8.0				165.0			5320				2900	2400	175				0.016	3.50	2								
9	33.24			7.3	7.1					8.0			330.0			2.0				169.0			5790				2540	2010	170				0.016	3.80	5								
10	30.65			7.4	7.1					7.6			295.0			2.0				299.0			5700				3210	2530	170				0.016	4.10	2								
11	68.47			7.1	7.1					7.7			176.0			13.0				104.0			5580				3120	2470	170				0.016	4.40	1								
12	57.61			7.3	7.2					8.0			129.0			7.0				117.0			6750				2170	1670	140				0.016	3.90	6								
13	34.16			7.2	6.9					8.0			158.0			8.0				187.0			5630				2970	2350	200	1.27	4.50		0.016	3.40	2		235						
14	60.06			7.3	7.1					8.0			192.0			8.0				106.0			5620				3340	2590	200				0.016	3.20	2	0.005							
15	56.41			7.2	7.1					8.0			200.0			5.0				128.0			6260				2750	2220	150				0.016	2.30	6								
16	117.31			7.2	7.1					8.0			165.0			12.0				278.0			6830				1850	1470	140				0.016	2.60	13								
17	108.26			7.3	6.7					8.0			140.0			9.0				109.0			6460				1950	1510	150				0.016	2.70	2								
18	99.41			7.4	6.9					8.0			96.0			3.0				59.0			6490				2130	1660	140				0.016	2.50	3								
19	79.78			7.1	7.0					7.0			200.0			4.0				138.0			6330				2410	1880	190				0.016	3.20	2								
20	66.59			6.8	6.9					7.0			140.0			3.0				125.0			6330				2670	2090	200	0.83	1.00		0.016	0.48	1								
21	80.65			7.2	6.9					7.0			88.0			4.0				44.0			6240				2830.00	2270	200				0.016	4.40	1								
22	159.28			6.9	6.9					8.0			65.0			3.0				55.0			7080				1570	1220	110				0.016	1.80	5								
23	179.00			7.0	6.8					6.0			125.0			15.0				51.0			6720				1460.00	1130	100				0.016	1.80	14								
24	165.43			6.9	7.1					7.0			47.0			14.0				20.0			5960				1540	1120	100				0.016	1.70	73								
25	182.39			7.0	6.9					7.0			140.0			8.0				48.0			6430				1600	970	75				0.016	1.10	1								
26	162.12			7.1	6.8					7.0			368.0			10.0				184.0			7890				2820	1540	80				0.016	2.60	1								
27	106.95			7.0	7.2					7.0			256.0			6.0				140.0			10400				4670	2630	160				0.016	2.90	2								
28	98.18			7.6	6.8					7.0			166.0			7.0				98.0			12700				4100	2280	180				0.016	3.10	1								
29																																											
30																																											
31																																											
Total	2219.4	0	0																																								
Avg.	79.26			7.2	7.0					7.6			192.4			6.9				150.3			10.6			6352.14			0.0				2596.43	1957.14	153.93		1.02	4.10	0.016	3.19	4	0.005	235

Total Number of Sewer Connections: 36173 Industrial Waste Population Equivalent _____ Operator Kendrietta Hayes
 Residential Connections: 34248 _____
 Commercial Connections: 1907 _____ 652141 Flow 481510 BOD 502771 TSS _____ Cert. # 25850
 Industrial Connections: 18 _____
 Sewer Connections X 3 = 102744 _____ Phone # 502-540-6000

Report Selections: Period: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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	25484	9317 LANTANA DR		PENNSYLVANIA RUN	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2864363		02/16/2018	ROTTET JR	HUBER IV	DOCUMENTED	01/13/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/16/18 01:15 PM	

Discharge Reporting:

Discharge Amount:	510 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	TEMPORARY SIGNS PUT UP IN AFFECTED AREA
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE
Repair:	RAIN STOPPED AND PUMP STATION CAUGHT UP, STOPPING DISCHARGE
Public Notification:	TEMPORARY SIGNS PUT UP IN AFFECTED AREA

Notifications:

2/13/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
2/13/18 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: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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 (Cont'd)	MSD0277	DEREK R. GUTHRIE	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	2868579		2/22/2018 6:00:00AM	MORRIS	GOODWIN	DOCUMENTED	01/13/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	02/22/18 10:00 AM	

Discharge Reporting:

Discharge Amount:	12,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
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:	RAIN STOPPED AND STATION CAUGHT UP.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

Notifications:

2/22/18 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
2/22/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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 (Cont'd)	MSD0277	DEREK R. GUTHRIE	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	2869134		2/23/2018 8:02:00AM	DENZIK	GOODWIN	DOCUMENTED	01/13/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/23/18 02:15 PM	

Discharge Reporting:

Discharge Amount:	21,650 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

Notifications:

2/23/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG'
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Report Selections: Period: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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 (Cont'd)	MSD0277	DEREK R. GUTHRIE	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	2869550		2/24/2018 8:00:00PM	RAYMER	CATALANO JR	DOCUMENTED	01/13/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/25/18 09:22 AM	

Discharge Reporting:

Discharge Amount:	40,100 GAL
Cause:	LACK OF SYSTEM CAPACITY
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:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

Notifications:

2/23/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG'
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Report Selections: Period: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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	60679	9114 CINDERELLA LN		FISHPOOL 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	2864369		02/16/2018	ROTTET JR	HUBER IV	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/16/18 03:05 PM	

Discharge Reporting:

Discharge Amount:	1,460 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	TEMPORARY SIGNS PUT UP IN AFFECTED AREA
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE
Repair:	DISCHARGE STOPPED AFTER RAIN STOPPED ALLOWING PUMP STATION TO CATCH UP
Public Notification:	TEMPORARY SIGNS PUT UP IN AFFECTED AREA

Notifications:

2/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
2/16/18 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: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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 (Cont'd)	MSD0277	DEREK R. GUTHRIE	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	2868599		2/22/2018 6:30:00AM	MORRIS	GOODWIN	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	02/22/18 01:25 PM	

Discharge Reporting:

Discharge Amount:	84,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
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:	RAIN STOPPED AND STATION CAUGHT UP
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

Notifications:

2/22/18 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: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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 (Cont'd)	MSD0277	DEREK R. GUTHRIE	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	2869129		2/23/2018 8:21:00AM	DENZIK	GOODWIN	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/23/18 10:45 PM	

Discharge Reporting:

Discharge Amount:	108,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA
Impact:	SEWAGE FOUND AROUND MANHOLE
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

Notifications:

2/23/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG'
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Report Selections: Period: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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 (Cont'd)	MSD0277	DEREK R. GUTHRIE	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	2869553		2/24/2018 8:11:00PM	RAYMER	CATALANO JR	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/26/18 12:52 PM	

Discharge Reporting:

Discharge Amount:	284,700 GAL
Cause:	LACK OF SYSTEM CAPACITY
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:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

Notifications:

2/23/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG'
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Report Selections: Period: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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	61266	4005 KIRBY LN		FERN 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	2869117		02/23/2018	GOODWIN	MULLINS	DOCUMENTED	01/13/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/23/18 07:30 PM	

Discharge Reporting:

Discharge Amount:	25,750 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL
Control Zone:	PERMANENT SIGN IN PLACE NO ADDITIONAL CONTROL ZONE SET UP
Impact:	SEWAGE FOUND IN THE DITCH
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	PERMANENT SIGN IN PLACE NO ADDITIONAL CONTROL ZONE SET UP

Notifications:

2/23/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG'
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Report Selections: Period: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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	93703	8800 ADMIRAL DR		PENNSYLVANIA 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	2868480		02/22/2018	BROADEN	BROADEN	BEYOND APPROVED DESIGN STORM	02/23/2018	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/22/18 02:39 PM	

Discharge Reporting:

Discharge Amount:	26,300 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PERMANENT SIGNS SUPPLEMENTED WITH TEMPORARY SIGNS
Impact:	SEWAGE DEBRIS SOLIDS PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN TEH IOAP
Public Notification:	PERMANENT SIGNS SUPPLEMENTED WITH TEMPORARY SIGNS

Notifications:

2/21/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
2/21/18 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: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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 (Cont'd)	MSD0277	DEREK R. GUTHRIE	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	2869145		2/23/2018 8:45:00AM	DENZIK	GOODWIN	BEYOND APPROVED DESIGN STORM	02/23/2018	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	02/23/18 11:02 PM	

Discharge Reporting:

Discharge Amount:	85,700 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS SUPPLEMENTED WITH TEMPORARY SIGNS
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	PERMANENT SIGNS SUPPLEMENTED WITH TEMPORARY SIGNS

Notifications:

2/23/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG'
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Report Selections: Period: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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	MSD0164-LS	10807 ORELAND MILL RD	ORELAND MILL	PENNSYLVANIA 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	2869638		02/25/2018	GRAY JR	KEYE	DOCUMENTED	03/27/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/27/18 07:15 AM	

Discharge Reporting:

Discharge Amount:	9,000 GAL
Cause:	CAP LACK OF CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	TEMPORARY SIGNS HAVE BEEN POSTED
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	TEMPORARY SIGNS HAVE BEEN POSTED

Notifications:

2/23/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG'
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Report Selections: Period: 02/01/2018 00:00 thru 02/28/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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	MSD1010-PS	5006 LEA ANN WAY	LEA ANN WAY	NORTHERN DITCH	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2869578		02/24/2018	CATALANO JR	PEDRO JR	BEYOND APPROVED DESIGN STORM	02/24/2018	PUMPED OVERFLOW	UNAUTHORIZED DISCHAGE - WATERS	02/27/18 07:30 AM	

Discharge Reporting:

Discharge Amount:	1,233,600 GAL
Cause:	PUMPS SET TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	• MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA
Impact:	NO IMPACT OBSERVED – MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

Notifications:

2/23/18 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG'
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Total Facilities Printed: 6

Total Work Orders Printed: 13