



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

January 22, 2018

Cheryl Edwards  
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. Edwards:

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 December 1<sup>st</sup> to December 31<sup>st</sup>, 2017 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet the 30 day TSS, 7 day TSS, 30 day BOD, 7 day BOD and TSS Percent Removal. All other effluent parameters were met including Biomonitoring for the 4<sup>th</sup> quarter.

Compromised solids handling equipment is contributing to the exceedances. MFWQTC continues to employ additional solids processing methods: dewatered cake and an outside vendor to assist with solids handling in addition to purchasing additional Liquid Oxygen in an effort to meet permit requirements.

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

<b>Permit</b>					
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		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 12/01/17 to 12/31/17	DMR Due Date:	01/28/18	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.

<b>Principal Executive Officer</b>					
First Name:	Anthony	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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	4				=	19	- mg/L			0	01/01 - Daily	GR - GRAB
					Permit Req.	>=	2 INST MIN					19	- mg/L			0	01/01 - Daily	GR - GRAB
					Value NODI													
X 00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	32809	=	44675	26 - lb/d	=	52	=	74	19 - mg/L		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		01/01 - Daily	CP - COMPOS
					Value NODI													
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	255973	=	309740	26 - lb/d	=	408	=	518	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		01/01 - Daily	CP - COMPOS
					Value NODI													
00400	pH	1 - Effluent Gross	0	--	Sample	=	6.4				=	7		12 - SU			01/01 - Daily	GR - GRAB
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM		12 - SU			01/01 - Daily	GR - GRAB
					Value NODI													
X 00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	60370	=	85872	26 - lb/d	=	98	=	152	19 - mg/L		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		01/01 - Daily	CP - COMPOS
					Value NODI													
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	265448	=	337189	26 - lb/d	=	409	=	602	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		01/01 - Daily	CP - COMPOS
					Value NODI													
00610	Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0	--	Sample	=	7382	=	8319	26 - lb/d	=	12.2	=	15.2	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		01/01 - Daily	CP - COMPOS
					Value NODI													
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	7944	=	8536	26 - lb/d	=	12.7	=	15.3	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		01/01 - Daily	CP - COMPOS
					Value NODI													
50050	Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	--	Sample	=	78.07	=	137.26	03 - MGD							99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							99/99 - Continuous	CN - CONTIN
					Value NODI													
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								<	0.016	19 - mg/L		01/01 - Daily	GR - GRAB
					Permit Req.								<=	0.019 DAILY MX	19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI													
74055	Coliform, fecal general	1 - Effluent Gross	2	--	Sample								=	202	13 - #/100mL		01/01 - Daily	GR - GRAB
					Permit Req.								<=	1000 30DA GEO	13 - #/100mL	0	01/01 - Daily	GR - GRAB
					Value NODI													
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample						=	87		23 - %			01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85 MO MIN		23 - %			01/30 - Monthly	CA - CALCTD
					Value NODI													
X 81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						=	76		23 - %			01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85 MO MIN		23 - %		1	01/30 - Monthly	CA - CALCTD
					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.

<b>Edit Check Errors</b>						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge

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
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
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
MFWQTCMOR122017.pdf	pdf	121069
MFWQTCoverletterDec2017.pdf	pdf	38942
201712MFWQTCOverflowReport.pdf	pdf	117709

**Report Last Saved By**

**Morris Forman WQTC MSD**

User: kessel@louisvillemsd.org  
 Name: John Kessel  
 E-Mail: kessel@louisvillemsd.org  
 Date/Time: 2018-01-23 06:39 (Time Zone: -05:00)

**Report Last Signed By**

User: kessel@louisvillemsd.org  
 Name: John Kessel  
 E-Mail: kessel@louisvillemsd.org  
 Date/Time: 2018-01-23 06:41 (Time Zone: -05:00)

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	<b>From 12/01/17 to 12/31/17</b>	<b>DMR Due Date:</b>	<b>01/28/18</b>	<b>Status:</b>	<b>NetDMR Validated</b>

**Considerations for Form Completion**  
 MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT.

<b>Principal Executive Officer</b>					
<b>First Name:</b>	Anthony	<b>Title:</b>	Executive Director	<b>Telephone:</b>	502-540-6000
<b>Last Name:</b>	Parrott				

**No Data Indicator (NODI)**  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	144	=	250	19 - mg/L	05/30 - 5 Times Every Month WH/DS - When Discharging	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						=	196	=	237	19 - mg/L	05/30 - 5 Times Every Month WH/DS - When Discharging	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						=	193	=	218	19 - mg/L	05/30 - 5 Times Every Month WH/DS - When Discharging	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						=	171	=	266	19 - mg/L	05/30 - 5 Times Every Month WH/DS - When Discharging	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						=	8.4	=	12	19 - mg/L	05/30 - 5 Times Every Month WH/DS - When Discharging	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						=	10.8	=	12.4	19 - mg/L	05/30 - 5 Times Every Month WH/DS - When Discharging	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	=	35.03	=	30.79	03 - MGD						05/30 - 5 Times Every Month WH/DS - When Discharging	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: 2018-01-23 06:40 (Time Zone: -05:00)

**Report Last Signed By**

User: kessel@louisvillemsd.org  
 Name: John Kessel  
 E-Mail: kessel@louisvillemsd.org  
 Date/Time: 2018-01-23 06:41 (Time Zone: -05:00)



MORRIS FORMAN WASTEWATER TREATMENT PLANT JEFFERSON COUNTY, KY

Month of Dec-17

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	84.05	23.66	18.62	6.63
Tanks in Service	3.00	7.4	8.0	4.0
Surface Area (Ft.2)	77000.00	63784.73	69200.00	34600.00
Volume (MG)	8.33	6.53	7.09	3.54
Weir Length (Ft.)	2860.00	2643.56	2868.00	1434.00
Avg. Weir Overflow (GPD/Ft)	29388.47	8951.56	6493.09	4624.17
Avg. Settling Rate (GPD/Ft2)	1091.57	543.45	440.90	383.10
Avg. Detention Time	2.38	6.63	9.14	12.83

AERATION TANKS	Battery A	Battery B	Battery C
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Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	34.66	30.51	13.26
Avg. Detention Time (Hours)	4.26	5.41	7.60

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.19

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 12/01/2017 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	2845074		12/23/2017	LOGAN JR	MITCHELL	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: 12/01/2017 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: 12/01/2017 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
	MSD0000	NO PLANT-GOES TO STREAM		

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:	NOT FEASIBLE
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	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 12/01/2017 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:	NOT FEASIBLE
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: 12/01/2017 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	STRUCTURAL FAILURE	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: 12/01/2017 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: 12/01/2017 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: 12/01/2017 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:	1,319,000 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: 12/01/2017 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	2845035		12/22/2017	BURCH	BURCH	REPAIRED - ISSUE RESOLVED	12/23/2017	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE - 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: 9

Total Work Orders Printed: 9