



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

November 20, 2023

Crystal Dennis  
Permit Support Section  
Surface Water Permits Branch  
Division of Water  
200 Fair Oaks Lane 4th Floor  
Frankfort, KY 40601

Re: Morris Forman Water Quality Treatment Center  
KPDES Permit No. KY0022411

Dear Ms. Dennis:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period October 1st through October 31st, 2023, are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet permit for 7 day Fecal Coliform, 30 day Fecal Coliform, 30 day BOD, 7 day BOD, 30 day TSS, 7 day TSS, TSS and BOD percent removal reporting requirements.

Compromised solids handling equipment continue to contribute to our effluent exceedances. MSD has installed dewatering services at a satellite facility. This dewatering service has reduced the solids loading to the Morris Forman plant. The emergency dryer project has completed, and improved solids handling is online.

Should you have any questions, please contact me at (502) 540-6765.

Sincerely,



James Skinner  
Treatment Facilities Manager



**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					
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. <b>Please verify that the value you have provided is correct.</b>	Yes
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. <b>Please verify that the value you have provided is correct.</b>	Yes
81010	BOD, 5-day, percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. <b>Please verify that the value you have provided is correct.</b>	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. <b>Please verify that the value you have provided is correct.</b>	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. <b>Please verify that the value you have provided is correct.</b>	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. <b>Please verify that the value you have provided is correct.</b>	Yes
74055	Coliform, fecal general	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. <b>Please verify that the value you have provided is correct.</b>	Yes
74055	Coliform, fecal general	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. <b>Please verify that the value you have provided is correct.</b>	Yes

**Comments****Attachments**

Name	Type	Size
Oct2023MorrisFormanDischarge.pdf	pdf	94125.0
MFWQTC10023CoverLetter.pdf	pdf	43941.0
MFWQTCMOR11023.pdf	pdf	134396.0

**Report Last Saved By****Morris Forman WQTC MSD**

User: AJOP1117  
 Name: Amber Pauly  
 E-Mail: amber.pauly@louisvillemmsd.org  
 Date/Time: 2023-11-20 13:27 (Time Zone: -05:00)

**Report Last Signed By**

User: SKINNER@LOUISVILLEMSD.ORG  
 Name: James skinner  
 E-Mail: james.skinner@louisvillemmsd.org  
 Date/Time: 2023-11-20 13:41 (Time Zone: -05:00)

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 10/01/23 to 10/31/23	<b>DMR Due Date:</b>	11/28/23
<b>Status:</b>	NetDMR Validated		

**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>	James A	<b>Title:</b>	Executive Director
<b>Last Name:</b>	Parrott	<b>Telephone:</b>	502-540-6000

**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
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	269.0	=	407.0	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI													
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	321.0	=	569.0	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	310.0	=	567.0	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI													
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	231.0	=	535.0	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	12.0	=	29.1	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI													
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	12.7	=	24.0	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI													
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	1.9	=	2.7	03 - MGD					0	07/30 - 7 Times Every Month WH/DS - When Discharging	CN - CONTIN CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD								
					Value NODI													

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

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**  
 No attachments.

**Report Last Saved By**  
 Morris Forman WQTC MSD

User: AJOP1117  
 Name: Amber Pauly  
 E-Mail: amber.pauly@louisvillemd.org  
 Date/Time: 2023-11-20 13:24 (Time Zone: -05:00)

**Report Last Signed By**  
 User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner  
E-Mail: james.skinner@louisvillemsd.org  
Date/Time: 2023-11-20 13:46 (Time Zone: -05:00)

Format: Month/Day/Year  
 Enter Start Date: 10/1/23

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF October-23  
 KPDES PERMIT NO. KY0022411 PLANT CAPACITY - 120 MGD RECEIVING STREAM-OHIO RIVER

DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		pH		SETS (ML)		TSS (mg/L)		D.O. (mg/L)	5-DAY BOD (mg/L)			RETURN SLUDGE			AERATION BASIN					ACTIVE		CHLORINATION			FINAL EFFLUENT				
	Final Effluent	Sec. Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	prim. final	final	FLOW MG	TSS g/L	TVSS g/L	D.O. mg/L	MLSS g/L	MLVSS g/L	SET	SVI	Sludge Wasted MG	Primary Sludge MG	Chlorine Dosage KLBS	Resid mg/L	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours			
																															mg/L	mg/L	mg/L
10/1/23	53.98	53.98	0.00	77	77	6.7	6.2	10.5	0.2	366	117	3.4	464	393	221	32.1	21.3	17.9	0.4	7.3	6.1	354	49	0.00	0.00	4.42	0.016	197000	14.9	0.0			
10/2/23	53.21	53.21	0.00	75	75	6.7	6.4	12.0	0.4	468	108	6.2	582	490	222	29.2	20.3	17.2	0.5	7.3	5.9	353	48	1.32	0.33	5.19	0.016	60000	19.3	0.0			
10/3/23	56.69	56.69	0.00	77	77	6.7	6.3	2.0	0.1	230	183	6.6	424	464	203	32.8	19.3	16.2	0.5	7.4	6.2	350	47	1.17	0.16	4.20	0.016	60000	23.2	0.0			
10/4/23	57.95	57.95	0.00	77	77	6.6	6.4	6.0	0.5	350	248	3.9	546	530	221	32.4	22.2	18.6	0.5	7.7	6.6	342	45	0.86	0.00	5.96	0.016	60000	20.9	0.0			
10/5/23	74.29	74.04	0.25	77	77	6.4	6.3	5.0	1.5	345	430	3.0	420	569	407	33.4	21.5	18.2	1.1	9.1	7.8	317	34	0.76	0.03	4.90	0.016	60000	29.1	0.0			
10/6/23	70.19	70.19	0.00	77	77	6.6	6.3	10.0	4.0	393	353	3.1	594	389	333	33.5	20.2	17.1	0.3	6.9	6.0	278	40	0.62	0.17	3.39	0.016	60000	16.3	0.0			
10/7/23	58.38	58.38	0.00	73	73	6.8	6.2	11.0	0.4	443	187	3.3	829	591	249	33.7	20.8	17.6	0.3	7.0	5.8	369	52	0.00	0.04	3.57	0.016	60000	14.6	0.0			
10/8/23	55.84	55.84	0.00	71	71	6.6	6.2	10.0	0.2	360	175	3.0	585	559	384	33.8	19.5	16.7	0.3	8.0	7.0	378	47	0.00	0.03	3.57	0.016	60000	15.3	0.0			
10/9/23	54.90	54.90	0.00	73	73	6.7	6.3	2.0	0.5	204	252	3.5	611	801	262	32.2	23.1	19.5	0.6	8.1	6.7	439	53	0.72	0.19	3.16	0.016	60000	18.6	0.0			
10/10/23	49.30	49.30	0.00	71	71	6.7	6.4	10.0	0.5	490	264	2.8	334	367	358	32.3	21.8	18.7	0.5	8.7	7.6	391	45	0.86	0.11	4.13	0.016	60000	23.9	0.0			
10/11/23	58.33	58.33	0.00	70	70	6.6	6.3	6.0	0.4	456	248	3.8	574	828	255	29.9	22.9	19.3	1.3	7.7	6.3	376	49	0.86	0.05	4.75	0.016	60000	22.9	0.0			
10/12/23	55.90	55.90	0.00	72	72	6.5	6.6	6.0	0.5	372	236	4.7	964	659	285	30.6	24.9	21.3	0.5	7.3	6.3	444	61	0.83	0.08	3.09	0.016	60000	23.7	0.0			
10/13/23	57.89	57.89	0.00	69	69	6.4	6.2	19.0	0.9	496	304	5.0	739	591	218	32.7	27.1	23.0	0.6	7.9	6.8	430	56	0.54	0.10	3.76	0.016	60000	23.5	0.0			
10/14/23	73.45	73.45	0.00	73	73	6.6	6	15.0	10.0	480	607	4.1	655	513	382	31.6	23.2	20.1	0.5	7.2	6.2	356	50	0.00	0.00	4.16	0.016	60000	19.2	0.0			
10/15/23	56.55	56.55	0.00	70	70	6.4	6.1	5.0	1.2	312	396	3.7	1110	646	658	26.5	24.1	20.9	0.5	8.0	7.0	387	48	0.00	0.00	4.17	0.016	60000	16.8	0.0			
10/16/23	58.39	58.39	0.00	70	70	6.8	6	5.0	2.5	292	488	6.2	372	392	428	26.8	22.9	19.6	0.7	8.6	7.4	442	52	0.34	0.14	3.10	0.016	60000	18.7	0.0			
10/17/23	61.74	61.74	0.00	67	67	6.6	6.3	6.0	0.5	328	288	6.3	633	120	332	30.4	22.2	19.3	0.4	8.5	7.4	410	50	0.33	0.20	3.87	0.016	60000	20.9	0.0			
10/18/23	58.01	58.01	0.00	71	71	6.6	6.4	8.0	1.0	384	308	3.5	595	303	263	31.7	23.7	19.5	0.5	7.9	6.9	372	47	0.81	0.23	3.61	0.016	60000	22.6	0.0			
10/19/23	78.73	76.90	1.83	67	67	6.5	6.3	7.5	0.3	350	250	6.6	450	407	483	31.4	22.7	19.8	0.6	10.0	8.8	339	34	0.00	0.00	5.55	0.016	60000	19.3	0.0			
10/20/23	103.06	102.58	1.38	67	67	6.9	6.2	10.0	1.5	448	380	6.1	329	259	275	30.5	22.0	19.1	1.3	7.6	6.6	300	38	0.45	0.12	4.26	0.016	118000	11.2	0.0			
10/21/23	87.83	87.83	0.00	70	70	6.7	6.4	7.5	0.4	344	176	4.5	481	292	204	30.9	21.3	18.5	0.9	6.0	5.2	344	57	0.00	0.01	6.40	0.016	126000	8.5	0.0			
10/22/23	59.17	59.17	0.00	70	70	6.6	6.4	7.0	0.5	308	300	4.1	306	318	190	31.1	24.6	21.4	0.5	6.8	5.9	423	62	0.00	0.00	4.97	0.016	121000	10.5	0.0			
10/23/23	59.72	59.72	0.00	69	69	6.8	6.3	5.5	1.0	248	332	4.1	391	531	289	30.7	19.9	17.0	0.7	6.9	5.8	347	50	0.51	0.14	3.59	0.016	60000	15.5	0.0			
10/24/23	53.80	53.80	0.00	70	70	6.5	6.3	3.0	0.5	252	292	6.5	897	588	82	30.5	20.8	17.9	0.6	7.0	6.1	374	53	0.78	0.13	3.53	0.016	60000	17.2	0.0			
10/25/23	59.01	59.01	0.00	73	73	6.6	6.1	3.0	0.5	244	200	5.1	526	444	412	30.1	17.7	15.1	0.5	6.8	5.8	353	52	0.38	0.12	3.48	0.016	60000	15.8	0.0			
10/26/23	59.15	59.15	0.00	72	72	6.6	6.3	2.5	1.0	236	380	4.9	394	356	218	32.6	20.3	17.5	0.4	6.7	5.8	397	60	0.50	0.07	3.45	0.016	60000	17.8	0.0			
10/27/23	70.51	70.51	0.00	71	71	6.8	6.6	19.0	6.0	835	615	3.2	486	319	226	30.7	20.7	17.6	0.4	7.5	6.6	363	49	0.41	0.08	4.37	0.016	60000	18.4	0.0			
10/28/23	82.72	80.01	2.71	72	72	6.8	6.3	14.0	4.0	467	567	3.0	506	491	367	32.9	18.7	16.2	0.4	6.8	5.9	320	46	0.00	0.04	7.26	0.016	60000	11.7	1.0			
10/29/23	115.89	112.80	2.79	69	69	6.7	6.2	3.0	1.0	164	280	3.7	167	154	160	31.7	17.1	14.8	5.9	4.5	3.9	219	48	0.00	0.00	5.13	0.016	60000	5.3	0.0			
10/30/23	126.83	124.30	2.53	65	65	6.8	6.2	1.7	0.5	112	184	6.0	101	151	113	30.7	20.4	17.5	18.2	4.7	4.1	209	45	0.47	0.14	4.29	0.016	60000	4.9	0.0			
10/31/23	119.13	117.42	1.71	64	64	6.6	6.3	1.8	0.1	134	76	4.7	229	218	77	30.5	18.5	16.0	6.6	4.3	3.8	221	51	0.46	0.17	6.55	0.016	4300	2.6	1.0			
SUM	2121.14	2107.94	13.20												969.8																		2.0
Average	68.42	66.00	1.89	71	71	6.6	6.3	7.5	1.4	352	298	4.5	526	443	283	31.3	21.5	18.4	1.5	7.3	6.3	355	49	0.45	0.09	4.38	0.016	61317	18.9				

SEWER CONNECTIONS 148564 TIMES 4 = 594256 SEWER POPULATION IND. WASTER POPULATION EQ  
 148537 CUSTOMERS 405  
 FLOW 405 11227  
 BOD 1122671  
 TSS 334284

Authorized Agent

Certification No. 29841

MORRIS FORMAN WASTEWATER TREATMENT PLANT, JEFFERSON COUNTY, KY

Month of Oct-23

Average Flow

Primary	Battery A	Battery B	Battery C
Secondary			

SETTLING TANKS

Average Fl	63.58	17.07	12.47	6.87
Tanks in Se	2.00	8.0	8.0	3.9
Surface Ar	38500.00	69200.00	69196.88	33681.65
Volume (M	4.17	7.09	7.09	3.45
Weir Leng	1430.00	2868.00	2867.87	1395.94
Avg. Weir	44458.51	5951.93	4348.14	4924.86
Avg. Settlr	1651.32	423.80	383.74	352.14
Avg. Deten	1.57	9.97	13.64	12.04

AERATION TANKS

Volume (gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	29.33	26.55	11.86
Avg. Detention Time (t)	5.91	8.08	7.33

CHLORINE CONTACT CHAMBERS

Contact Ch 2.0  
Volume (G: 2340000  
Avg. Deten 1.64

Remarks: BY-PASS REPORTS (See Attached)



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Manhole	16649	1726 FRASER DR	MORRIS FORMAN	SOUTH FORK BEARGRASS CREEK	DITCH

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3714977		10/30/2023 2:45:00 AM	DAVIS BROWN		DOCUMENTED	1/24/2002 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	10/30/23 04:45 AM	MAIN

**Discharge Reporting:**

Discharge Amount:	135 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.
Impact:	NONE OBSERVED OVERFLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR CARDS & PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

10/30/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Main	29341A	2409 PLANTSIDE DR	MORRIS FORMAN	CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3705438		10/4/2023 1:38:00 PM	HANNAH		REPAIRED - ISSUE RESOLVED	10/4/2023 12:00:00 AM	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE- WATERS	10/04/23 01:55 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	1 GAL
Cause:	UTILITY DAMAGED MSD ASSET. UDAMGE WORK ORDER 3705594.
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA. MSD PERSONNEL ADVISED THE CUSTOMER TO AVOID CONTACT WITH SEWAGE.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND IN THE DITCH.
Repair:	CONTRACTOR REPAIRED THE MAIN SEWER; MSR WORK ORDER 3705443.
Public Notification:	ADVISED CUSTOMER ON SITE.

**Notifications:**

10/5/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Manhole	CSO019	816 N 34TH ST	MORRIS FORMAN	OHIO RIVER	DITCH

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3713422		10/19/2023 2:12:00 PM	BIBB	NORTHINGTON	REPAIRED - ISSUE RESOLVED	10/4/2023 12:00:00 AM	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	10/19/23 02:15 PM	

**Discharge Reporting:**

Discharge Amount:	10,000 GAL
Cause:	PUMPS WERE TURNED OFF.
Clean Up:	NO CLEANUP ACTIVITY POSSIBLE, PIPE DISCHARGE SUBMERGED.
Control Zone:	PIPE DISCHARGE SUBMERGED, NO CONTROL ZONE ESTABLISHED.
Impact:	PIPE DISCHARGE SUBMERGED, NO VISUAL IMPACT OBSERVED.
Repair:	PUMPS TURNED ON.
Public Notification:	MSD NOTIFIED THE PUBLIC THROUGH PROJECT WIN NOTIFICATION

**Notifications:**

10/20/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Manhole	CSO119	1001 E BROADWAY	MORRIS FORMAN	SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3705065		10/2/2023 10:31:00 AM	FRENCH		REPAIRED - ISSUE RESOLVED	10/2/2023 12:00:00 AM	OBSTRUCTION-NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE-WATERS	10/02/23 02:30 PM	

**Discharge Reporting:**

Discharge Amount:	1,200 GAL
Cause:	CAUSE OF DISCHARGE IS IN MAIN SEWER. OBSTRUCTION IN MAIN SEWER.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO IMPROVED CHANNEL OF BEARGRASS CREEK.
Control Zone:	NO CONTROL ZONE WAS SET UP – PERMANENT OVERFLOW ADVISORY SIGNS IN PLACE.
Impact:	SOLIDS AND DEBRIS OBSERVED OVERFLOWING FROM CSO119.
Repair:	FLUSHED/VACTORED THE OBSTRUCTION / DEBRIS FROM THE SEWER (CSO CREWS).
Public Notification:	PUBLIC NOTIFIED WEBSITE AND ADVISORY SIGNS.

**Notifications:**

10/3/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/3/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Main	MSD0095-PS	3011 DERINGTON CT	MORRIS FORMAN	GOOSE CREEK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3706151		10/8/2023 10:55:00 PM	SOSA RODRIGUEZ	HUDGINS JR	REPAIRED - ISSUE RESOLVED	10/9/2023 12:00:00 AM	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	10/09/23 07:40 AM	

**Discharge Reporting:**

Discharge Amount:	1 GAL
Cause:	STRUCTURAL FAILURE (FORCE MAIN BREAK).
Clean Up:	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND ON THE GROUND.
Repair:	CONTRACTOR REPAIRED THE FORCE MAIN; SREPR WORK ORDER 3706213. CONTRACTOR HAULED SEWAGE; HAULOP WORK ORDER 3706206.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

**Notifications:**

10/9/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/9/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION