



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

May 12, 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 April 1st through April 30th, 2023, are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet permit for 30 day fecal, 7 day fecal, 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.

We are experiencing an issue with our dosing flow meters and could not recover chlorine dosage data from 3/3/23 to present.

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					
81011	Solids, suspended percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	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. Please verify that the value you have provided is correct.	Yes
74055	Coliform, fecal general	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
74055	Coliform, fecal general	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	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. Please verify that the value you have provided is correct.	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. Please verify that the value you have provided is correct.	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. Please verify that the value you have provided is correct.	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. Please verify that the value you have provided is correct.	Yes

Comments**Attachments**

Name	Type	Size
April2023MorrisForman.pdf	pdf	111473.0
CoverLetterApril2023.pdf	pdf	44708.0
MFWQTCMOR04023.pdf	pdf	118321.0

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

User: SKINNER@LOUISVILLEMSD.ORG
 Name: James skinner
 E-Mail: james.skinner@louisvillemsd.org
 Date/Time: 2023-05-15 10:58 (Time Zone: -04:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG
 Name: James skinner
 E-Mail: james.skinner@louisvillemsd.org
 Date/Time: 2023-05-15 11:04 (Time Zone: -04:00)

DMR Copy of Record

Permit					
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-B SECONDARY BYPASS		

Report Dates & Status					
Monitoring Period:	From 04/01/23 to 04/30/23	DMR Due Date:	05/28/23	Status:	NetDMR Validated

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

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	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						=	147.0	=	199.0	19 - mg/L	0	17/30 - 17 Per 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						=	189.0	=	277.0	19 - mg/L	0	17/30 - 17 Per 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						=	208.0	=	308.0	19 - mg/L	0	17/30 - 17 Per 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						=	210.0	=	404.0	19 - mg/L	0	17/30 - 17 Per 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						=	6.4	=	9.7	19 - mg/L	0	17/30 - 17 Per 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						=	10.6	=	16.4	19 - mg/L	0	17/30 - 17 Per 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	=	20.7	=	43.0	03 - MGD					0	17/30 - 17 Per 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: SKINNER@LOUISVILLEMSD.ORG
Name: James skinner
E-Mail: james.skinner@louisvillemsd.org
Date/Time: 2023-05-15 11:02 (Time Zone: -04:00)

Report Last Signed By
User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner
E-Mail: james.skinner@louisvillemsd.org
Date/Time: 2023-05-15 11:02 (Time Zone: -04:00)

Format: Month/Day/Year
 Enter Start Date : 4/1/23

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF April-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 Sludge	Primary Sludge	CHLORINATION		FINAL EFFLUENT			
	Final Effluent	Sec. Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	final	final	FLOW MG	TSS g/L	TVSS g/L	D.O. mg/L	MLSS g/L	MLVSS g/L	SET	SVI	Wasted MG	MG	Dosage KLBS	Resid mg/L	Coliform #/100 ml	NH3-N mg/L	Pump. Hours
4/1/23	126.46	84.36	42.10	60	60	7.0	6.1	3.0	0.5	138	88	4.8	418	60	55	20.0	14.9	13.1	20.8	3.9	3.3	210	53	1.15	0.13	13.48	0.016	30	2.5	24.0
4/2/23	140.22	86.44	53.78	57	57	7.0	6.2	2.8	1.0	54	114	3.9	115	95.1	87	20.0	11.8	10.0	20.0	2.5	2.2	193	77	1.15	0.07	13.48	0.016	19600	2.7	24.0
4/3/23	140.27	84.80	55.47	61	61	6.9	6.7	5.2	1.5	128	142	4.9	118	144	81	20.0	12.3	10.6	19.7	2.4	2.1	200	82	1.21	0.21	13.27	0.016	124	5.8	24.0
4/4/23	130.36	83.95	46.41	63	63	6.8	6.6	5.0	1.0	188	132	6.5	216	137	118	23.3	13.1	11.4	16.2	2.7	2.4	222	82	1.44	0.26	13.41	0.016	92	7.6	24.0
4/5/23	121.40	83.33	38.07	68	68	6.8	6.4	3.5	0.8	184	108	5.7	163	131	114	32.2	12.6	12.0	13.4	2.4	2.2	235	98	1.44	0.26	13.72	0.016	104	7.4	24.0
4/6/23	128.37	81.94	46.43	61	61	6.8	6.4	3.0	1.4	156	148	5.8	184	141	130	32.1	12.1	10.4	16.2	2.6	2.3	203	79	1.44	0.09	13.96	0.016	13	4.8	24.0
4/7/23	104.35	85.55	18.80	61	61	6.9	6.4	6.0	0.8	204	113	3.1	247	199	128	32.5	11.1	9.8	5.6	2.7	2.3	245	92	1.11	0.00	13.96	0.016	208	4.2	24.0
4/8/23	91.88	85.41	6.27	61	61	7.0	6.3	7.5	0.3	192	126	4.8	278	152	114	33.3	14.1	12.2	5.5	3.0	2.6	237	79	0.07	0.00	19.93	0.016	7	2.5	24.0
4/9/23	84.42	82.86	1.56	61	61	7.1	6.3	5.2	0.1	116	124	6.3	227	178	104	33.5	10.8	9.3	7.5	2.7	2.4	258	93	0.00	0.00	21.56	0.016	1370	2.4	13.9
4/10/23	84.45	84.45	0.00	61	61	7.1	6.4	4.8	3.0	136	208	3.8	130	116	156	33.1	10.3	8.9	14.9	3.2	2.7	268	70	0.29	0.02	21.56	0.016	440	6.0	0.0
4/11/23	84.28	84.28	0.00	63	63	6.9	6.5	4.0	0.6	172	168	4.8	226	205	158	32.5	9.4	8.0	9.0	2.0	1.8	192	88	1.15	0.05	19.99	0.016	128	14.7	0.0
4/12/23	82.01	82.01	0.00	64	64	6.9	6.4	4.2	0.5	200	182	4.6	230	219	138	32.3	11.7	10.1	10.6	3.0	2.7	237	78	1.15	0.25	12.30	0.016	16	11.4	0.0
4/13/23	86.19	80.46	5.73	64	64	6.8	6.3	17.0	3.2	216	312	4.3	394	276	273	32.4	13.3	11.4	8.5	3.4	2.9	246	73	0.61	0.35	7.60	0.016	720	13.1	0.0
4/14/23	98.07	81.46	16.61	63	63	6.8	6.6	9.5	3.0	264	316	3.3	382	322	305	32.5	14.4	12.5	6.0	5.8	5.0	277	48	0.77	0.34	7.60	0.016	22000	8.9	0.0
4/15/23	93.30	82.08	11.22	67	67	6.9	6.3	8.5	1.3	320	216	3.4	301	239	201	32.8	14.5	12.4	3.4	6.2	5.3	303	50	1.15	0.34	8.75	0.016	5900	3.6	0.0
4/16/23	75.59	75.59	0.00	62	62	6.9	6.4	5.2	0.8	184	180	4.0	224	203	144	26.8	13.1	11.2	3.0	3.8	3.3	332	88	1.15	0.20	14.06	0.016	4	3.2	0.0
4/17/23	74.06	74.06	0.00	63	63	7.2	6.3	5.2	0.5	208	180	3.8	241	179	133	33.2	12.7	10.9	3.1	4.6	3.7	372	81	0.83	0.04	14.12	0.016	39200	2.7	0.0
4/18/23	74.52	74.52	0.00	64	64	6.8	7.1	5.5	1.5	296	264	4.0	273	204	180	33.3	12.7	11.2	3.7	4.4	4.0	376	85	1.05	0.17	7.00	0.016	60000	6.9	0.0
4/19/23	72.88	72.88	0.00	63	63	6.8	6.3	4.5	1.0	224	208	5.3	327	198	142	33.4	13.9	12.2	1.6	4.7	4.3	374	79	1.19	0.29	13.72	0.016	5900	12.0	0.0
4/20/23	73.49	73.49	0.00	68	68	6.8	6.4	6.0	0.2	260	140	4.1	272	208	131	33.4	13.6	11.9	0.9	5.1	4.6	386	76	1.33	0.32	22.52	0.016	56400	14.7	0.0
4/21/23	91.88	89.06	2.82	67	67	6.8	6.4	18.0	6.5	535	400	4.2	387	314	162	32.9	15.2	13.0	1.2	4.5	3.9	426	95	1.62	0.33	22.52	0.016	60000	15.8	0.0
4/22/23	115.11	113.47	1.64	66	66	6.8	6.1	7.5	8.5	230	380	3.1	200	192	195	33.0	13.2	11.4	3.9	4.2	3.5	356	84	1.13	0.30	2.45	0.016	284000	2.5	0.0
4/23/23	86.34	86.34	0.00	60	60	6.9	6.3	4.0	0.1	180	126	4.9	227	186	93	33.1	13.7	12.0	1.6	9.4	8.1	374	40	1.14	0.22	2.45	0.016	60000	1.3	0.0
4/24/23	73.29	71.26	2.03	61	61	6.9	6.3	1.0	0.5	104	112	4.7	236	179	53	33.1	13.8	11.9	3.1	4.5	3.9	448	99	1.35	0.29	2.47	0.016	44000	6.6	0.0
4/25/23	71.49	71.49	0.00	62	62	6.8	6.3	1.5	1.0	180	150	5.5	252	270	146	33.1	14.2	12.4	4.0	10.6	9.4	477	45	1.44	0.30	8.43	0.016	1480	9.6	0.0
4/26/23	70.32	70.32	0.00	65	65	6.7	6.4	5.0	0.8	264	188	3.3	294	259	104	32.4	14.5	12.5	2.2	4.1	3.5	466	122	1.48	0.30	8.43	0.016	124	11.7	0.0
4/27/23	77.72	76.27	1.45	65	65	6.5	6.3	1.0	1.5	212	164	4.0	471	324	147	32.3	14.7	13.0	1.4	5.0	4.5	441	89	1.48	0.30	6.59	0.016	40800	14.8	0.0
4/28/23	125.64	123.67	1.97	61	61	6.9	6.6	7.0	16.8	212	536	2.1	134	137	237	32.9	18.5	16.2	7.4	6.0	5.5	348	58	0.98	0.34	6.59	0.016	8400	2.9	0.0
4/29/23	109.64	109.64	0.00	63	63	6.8	6.3	5.2	1.2	232	200	3.4	255	165	114	33.0	14.8	12.9	5.4	3.6	3.1	321	89	1.15	0.24	3.83	0.016	60000	2.1	0.0
4/30/23	89.51	89.51	0.00	64	64	6.7	6.3	2.8	0.1	224	114	4.4	250	236	86	32.9	13.0	11.4	2.4	3.8	3.4	341	89	1.15	0.08	3.74	0.016	60000	1.1	0.0
Sum	2877.11	2524.95	352.16													931.6	397.7	345.9		126.8	110.8			32.63	6.11					205.9
Average	95.90	84.17	20.7	63	63	6.9	6.4	5.6	2.0	207	195	4.4	256	196	141	31.05	13.3	11.5	7.4	4.2	3.7	312	79	1.09	0.20	11.78	0.016	1804	6.9	

SEWER CONNECTIONS 148536 TIMES 4 = 594144 SEWER POPULATION IND. WASTER POPULATION EQ
 148536 CUSTOMERS 405
 FLOW 405 318313
 BOD 608790
 TSS 191643

Authorized Agent

Certification No. 29841

MORRIS FORMAN WASTEWATER JEFFERSON COUNTY, KY

Month of Apr-23

Average Flow

SETTLING TANKS	Primary	Secondary		
	Battery A	Battery B	Battery C	

Average Flow	95.81	3.12	37.54	9.73
Tanks in Service	2.00	8.0	8.0	4.0
Surface Area	38500.00	69200.00	69065.32	34600.00
Volume (MG)	4.17	7.09	7.07	3.54
Weir Length	1430.00	2868.00	2862.42	1434.00
Avg. Weir Capacity	66998.60	1088.06	13113.30	6788.01
Avg. Settling Time	2488.52	211.83	734.45	467.04
Avg. Detention Time	1.04	54.51	4.52	8.74

AERATION TANKS	Battery A	Battery B	Battery C
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Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	14.66	50.73	16.16
Avg. Detention Time (h)	32.30	2.69	5.18

CHLORINE CONTACT CHAMBERS

Contact Chamber	2.0
Volume (G)	2340000
Avg. Detention Time	9.00

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	08935-SM	1001 BRECKENRIDGE LN	MORRIS FORMAN	MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3633850		4/1/2023 2:45:00 AM	DAVIS BROWN		DOCUMENTED	11/29/2001 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	04/01/23 03:45 PM	MAIN

Discharge Reporting:

Discharge Amount:	400,000 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 PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

4/1/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/1/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
4/1/2023 12:00:00 AM to 4/30/2023 12:00:00 AM

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	3633848		4/1/2023 1:15:00 AM	DAVIS BROWN		DOCUMENTED	1/24/2002 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	04/01/23 07:30 PM	MAIN

Discharge Reporting:

Discharge Amount:	19,000 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:

4/1/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/1/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
4/1/2023 12:00:00 AM to 4/30/2023 12:00:00 AM

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	27008	1044 ALTA VISTA RD	MORRIS FORMAN	MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3633852		4/1/2023 2:55:00 AM	DAVIS BROWN	FIELDS	DOCUMENTED	7/1/2003 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	04/01/23 11:30 AM	MAIN

Discharge Reporting:

Discharge Amount:	56,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3633953.
Control Zone:	TEMPORARY DISCHARGE SIGNS, CAUTION TAPE, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

4/1/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/1/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
4/1/2023 12:00:00 AM to 4/30/2023 12:00:00 AM

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	27012	2408 GRAY FOX RD	MORRIS FORMAN	MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3633851		4/1/2023 2:55:00 AM	DAVIS BROWN	FIELDS	DOCUMENTED	3/9/2019 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	04/01/23 06:00 PM	MAIN

Discharge Reporting:

Discharge Amount:	105,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3633952.
Control Zone:	TEMPORARY DISCHARGE SIGNS, CAUTION TAPE, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

4/1/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/1/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



**IMSAST0004
Overflow Report
4/1/2023 12:00:00 AM to 4/30/2023 12:00:00 AM**

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	40559	1012 ALTA CIR	MORRIS FORMAN	MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3633854		4/1/2023 3:05:00 AM	DAVIS BROWN	FIELDS	DOCUMENTED	1/26/2012 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	04/01/23 11:45 AM	MAIN

Discharge Reporting:

Discharge Amount:	72,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3633954.
Control Zone:	TEMPORARY DISCHARGE SIGNS, CAUTION TAPE, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

4/1/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/1/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
4/1/2023 12:00:00 AM to 4/30/2023 12:00:00 AM

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	45796	1011 ALTA CIR	MORRIS FORMAN	MIDDLE 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	3633853		4/1/2023 3:00:00 AM	DAVIS BROWN	FIELDS	DOCUMENTED	5/10/2014 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	04/01/23 11:35 AM	MAIN

Discharge Reporting:

Discharge Amount:	96,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.
Control Zone:	TEMPORARY DISCHARGE SIGNS, CAUTION TAPE, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

4/1/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/1/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
4/1/2023 12:00:00 AM to 4/30/2023 12:00:00 AM

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	47582	201 BULLITT LN	MORRIS FORMAN	MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3633856		4/1/2023 3:25:00 AM	DAVIS BROWN	FIELDS	DOCUMENTED	12/5/2011 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	04/01/23 12:00 PM	MAIN

Discharge Reporting:

Discharge Amount:	72,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3633956.
Control Zone:	TEMPORARY DISCHARGE SIGNS, CAUTION TAPE, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

4/1/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/1/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



**IMSAST0004
Overflow Report
4/1/2023 12:00:00 AM to 4/30/2023 12:00:00 AM**

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	47583	202 OXMOOR LN	MORRIS FORMAN	MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3633855		4/1/2023 3:25:00 AM	DAVIS BROWN	FIELDS	DOCUMENTED	2/6/2008 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	04/01/23 12:15 PM	MAIN

Discharge Reporting:

Discharge Amount:	160,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3633955.
Control Zone:	TEMPORARY DISCHARGE SIGNS, CAUTION TAPE, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

4/1/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/1/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
4/1/2023 12:00:00 AM to 4/30/2023 12:00:00 AM

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	IS021A-SI	1201 OLD CANNONS LN	MORRIS FORMAN	MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3633849		4/1/2023 1:30:00 AM	DAVIS BROWN		DOCUMENTED	8/1/1969 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	04/02/23 12:45 AM	MAIN

Discharge Reporting:

Discharge Amount:	1,400,000 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 PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

4/1/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/1/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
4/1/2023 12:00:00 AM to 4/30/2023 12:00:00 AM

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 Treatment Plant	MSD0278	4522 ALGONQUIN PKY	MORRIS FORMAN	OHIO RIVER	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3642834		4/26/2023 11:06:00 AM	BURDIN		REPAIRED - ISSUE RESOLVED	4/26/2023 12:00:00 AM	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	04/26/23 08:05 AM	

Discharge Reporting:

Discharge Amount:	150 GAL
Cause:	PROCESS WATER- MECHANIC FAILURE ON CONTRACTOR- CONSTRUCTION PROJECT FOR PRIMARY
Clean Up:	N/A.
Control Zone:	N/A.
Impact:	N/A.
Repair:	REPAIR COMPLETED BY CONTRACTOR.
Public Notification:	N/A.

Notifications:

4/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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