



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

April 16, 2024

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 March 1st through March 31st, 2024, are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet permit for 30-day Fecal Coliform, 7-day Fecal Coliform, 30-day BOD, 7-day BOD, 30-day -TSS, 7-day - TSS, TSS and BOD percent removal reporting requirements.

MSD operates solids dewatering at both Hite Creek and Derek Guthrie WQTC's. Overall, this has reduced the solids loading to the Morris Forman plant however compromised solids handling equipment at Morris Forman continue to contribute to our effluent exceedances. Morris Forman currently has several progressing improvement projects. Dryer replacement project has been completed and is being commissioned, Primary Sedimentation Basins rehab scheduled completion date 9/25/25, and Dissolved Air Flotation Thickening (DAFT) rehabilitation design being finalized, and lastly demolition has begun to make way for the Thermal Hydrolysis process.

Please note on 3/18/24 and 3/19/24 no influent samplers were taken. This was due to switching flow to our newly constructed Influent channel. These channels were constructed in part with our primary rehab project and was needed for us to continue progress on this project.

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

Sincerely,

James Skinner  
Treatment Facilities Manager



Name: James skinner  
E-Mail: james.skinner@louisvillemsd.org  
Date/Time: 2024-04-22 10:46 (Time Zone: -04:00)



Name: James skinner  
E-Mail: james.skinner@louisvillemsd.org  
Date/Time: 2024-04-22 10:46 (Time Zone: -04:00)

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 01/01/24 to 03/31/24	DMR Due Date:	04/28/24
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	James A	Title:	Executive Director
Last Name:	Parrott	Telephone:	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			
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	231.0	=	231.0	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01025	Cadmium, dissolved [as Cd]	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01040	Copper, dissolved [as Cu]	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01049	Lead, dissolved [as Pb]	1 - Effluent Gross	0	--	Sample						<	0.05	<	0.05	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01090	Zinc, dissolved [as Zn]	1 - Effluent Gross	0	--	Sample						=	0.06	=	0.06	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.06	=	0.06	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.05	<	0.05	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.019	=	0.019	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI													
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample								<	1.0	2F - tox acute		01/90 - Quarterly	G2 - GRAB-2
					Permit Req.								<=	1.0 DAILY MX	2F - tox acute			
					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@louisvillemtd.org  
Date/Time: 2024-04-18 09:49 (Time Zone: -04:00)

**Report Last Signed By**

User: SKINNER@LOUISVILLEMSD.ORG  
Name: James skinner  
E-Mail: james.skinner@louisvillemtd.org  
Date/Time: 2024-04-22 10:49 (Time Zone: -04:00)

Format: Month/Day/Year  
 Enter Start Date : 3/1/24

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF March-24  
 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 Wasted MG	Primary Sludge MG	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	Wasted MG	Sludge MG	Dosage KLBS	Resid mg/L	Coliform #/100 ml	NH3-N mg/L	Pump. Hours		
																															raw	final
3/1/24	87.61	87.61	0.00	52	52	7.0	6.2	10.0	7.0	332	488	2.9	474	419	323	29.7	21.4	18.3	0.9	5.4	4.7	287	53	0.21	0.14	1.84	0.016	60000	8.4	15.8		
3/2/24	88.67	88.67	0.00	58	58	6.9	6.1	11.0	6.0	220	347	2.3	369	312	246	29.9	19.1	16.5	2.7	5.1	4.3	287	56	0.00	0.01	1.93	0.016	1970	4.4	24.0		
3/3/24	80.35	80.35	0.00	59	59	7.0	6.1	2.0	2.0	132	272	3.2	361	342	200	29.8	21.5	18.7	1.3	5.1	4.5	310	63	0.00	0.00	1.73	0.016	16000	2.7	24.0		
3/4/24	80.64	80.64	0.00	62	62	6.8	6	1.0	1.0	524	226	3.0	437	356	185	29.1	23.7	20.7	0.6	5.7	5.0	314	54	0.66	0.16	1.88	0.016	60000	8.2	24.0		
3/5/24	88.82	88.82	0.00	64	64	6.6	6.2	5.5	0.5	320	156	3.8	306	332	214	28.6	20.1	17.7	1.2	5.4	4.8	341	62	1.01	0.18	2.08	0.016	60000	12.0	24.0		
3/8/24	85.95	85.95	0.00	63	63	6.9	6.1	1.2	2.0	128	240	5.2	116	132	141	28.4	24.3	20.8	10.1	4.4	3.8	269	62	1.01	0.24	2.41	0.016	236	3.7	24.0		
3/7/24	101.04	101.04	0.00	61	61	6.8	6.4	5.5	1.0	264	192	6.0	299	210	98	28.3	18.9	16.1	11.7	4.5	3.8	241	53	1.01	0.25	2.17	0.016	156	4.7	24.0		
3/8/24	108.80	106.80	0.00	61	61	7.0	6.2	6.5	1.2	228	196	7.3	249	208	137	28.7	18.7	16.1	6.3	4.6	4.0	231	49	0.58	0.19	2.15	0.016	620	6.5	24.0		
3/9/24	102.67	102.67	0.00	60	60	7.1	6.2	4.5	0.7	180	164	5.4	100	119	86	28.9	21.9	18.7	9.4	3.9	3.3	220	57	0.00	0.00	2.02	0.016	720	1.6	24.0		
3/10/24	103.54	103.54	0.00	59	59	7.1	6.4	9.0	0.7	214	171	5.3	269	192	94	29.1	17.2	14.7	10.9	3.5	3.0	228	64	0.00	0.00	2.02	0.016	720	1.6	24.0		
3/11/24	84.34	84.34	0.00	57	57	7.2	6.3	9.5	0.5	292	144	7.7	292	211	96	28.8	15.5	13.2	8.1	7.3	6.2	263	36	0.57	0.12	1.94	0.016	65	7.2	24.0		
3/12/24	87.20	87.20	0.00	60	60	6.8	6.5	7.0	0.2	260	90	4.7	292	279	88	28.8	18.6	15.8	5.3	5.7	4.9	292	51	0.80	0.18	1.77	0.016	65	7.2	24.0		
3/13/24	82.37	82.37	0.00	63	63	6.8	6.3	8.5	0.3	280	197	2.9	382	310	183	29.7	18.3	15.9	2.6	4.7	4.1	291	62	0.00	0.00	1.68	0.016	16000	5.5	24.0		
3/14/24	77.62	77.62	0.00	64	64	6.9	6.2	9.0	0.4	340	223	3.4	594	360	171	28.9	19.4	16.8	1.7	5.0	4.3	332	65	0.89	0.20	1.57	0.016	60000	8.5	24.0		
3/15/24	90.92	90.92	0.00	63	63	7.0	6.3	1.8	10.0	336	488	3.9	205	167	437	28.8	35.2	30.5	5.0	3.4	2.9	304	94	0.00	0.05	1.67	0.016	5900	3.3	24.0		
3/16/24	85.53	85.53	0.00	61	61	6.8	6.6	1.5	3.5	116	180	3.1	299	267	147	29.4	18.4	15.6	1.9	5.1	4.2	321	64	0.00	0.01	1.92	0.016	3600	1.2	24.0		
3/17/24	73.54	73.54	0.00	60	60	7.0	6.4	7.0	0.2	217	172	4.3	120	116	112	29.1	18.6	16.0	3.3	5.8	5.0	342	58	0.00	0.01	1.92	0.016	124	4.4	24.0		
3/18/24	80.33	80.33	0.00	54	54	6.3	6.3	0.9	0.9	264	3.8	599	241	29.2	15.6	13.4	3.0	4.7	4.1	4.0	348	73	0.78	0.27	1.47	0.016	700	9.6	24.0			
3/19/24	71.51	71.51	0.00	59	59	6.4	6.4	0.2	0.2	154	3.6	375	113	29.1	16.4	14.0	1.4	4.7	4.0	348	73	1.17	0.26	1.51	0.016	284	13.3	15.1				
3/20/24	76.13	76.13	0.00	61	61	6.8	6.3	3.0	0.5	300	204	3.2	469	375	153	28.5	14.9	12.9	1.4	4.4	3.8	342	77	1.01	0.21	1.59	0.016	60000	12.2	0.0		
3/21/24	76.42	76.42	0.00	60	60	7.1	6.3	8.0	1.5	293	240	4.2	316	501	300	28.9	17.6	15.1	1.8	4.7	4.0	326	68	1.05	0.21	1.59	0.016	60000	11.9	0.0		
3/22/24	76.42	76.42	0.00	60	60	6.9	6.4	5.0	2.0	456	272	5.5	560	556	104	29.4	17.6	15.2	1.8	4.0	3.5	346	86	0.86	0.09	1.66	0.016	60000	7.1	0.0		
3/23/24	79.22	79.22	0.00	60	60	6.9	6.4	7.0	5.0	244	372	6.6	341	327	181	31.3	16.4	14.1	0.8	5.3	4.5	384	70	0.00	0.07	1.22	0.016	148	4.3	0.0		
3/24/24	67.84	67.84	0.00	63	63	7.2	6.4	7.0	5.0	244	372	6.6	341	327	181	31.3	16.4	14.1	0.8	5.3	4.5	384	70	0.00	0.07	1.22	0.016	148	4.3	0.0		
3/25/24	67.45	67.45	0.00	63	63	7.0	6.4	9.0	6.5	223	368	4.9	357	286	219	33.2	13.2	11.4	1.4	4.6	4.0	296	63	1.01	0.25	1.55	0.016	1600	9.2	0.0		
3/26/24	67.84	67.84	0.00	63	63	6.8	6.3	15.0	1.2	352	368	4.9	357	286	219	33.2	13.2	11.4	1.4	4.6	4.0	296	63	1.01	0.25	1.55	0.016	1600	9.2	0.0		
3/28/24	73.25	73.25	0.00	63	63	6.8	6.3	15.0	1.2	352	368	4.9	357	286	219	33.2	13.2	11.4	1.4	4.6	4.0	296	63	1.01	0.25	1.55	0.016	1600	9.2	0.0		
3/29/24	67.11	67.11	0.00	63	63	6.7	6.3	14.0	4.0	364	332	4.3	576	367	62	30.3	19.1	16.7	1.0	6.7	5.9	298	46	1.08	0.27	1.80	0.016	4600	12.5	0.0		
3/27/24	74.78	74.78	0.00	61	61	6.7	6.3	13.0	5.5	416	332	2.1	849	537	262	29.9	14.5	12.5	1.2	4.6	4.0	219	49	1.08	0.27	1.80	0.016	60000	13.6	0.0		
3/28/24	69.52	69.52	0.00	62	62	6.8	6.3	10.0	3.5	340	380	2.5	639	552	392	29.8	13.5	11.8	2.0	3.8	3.3	214	56	0.92	0.13	1.84	0.016	60000	14.3	0.0		
3/29/24	69.96	69.96	0.00	65	65	6.9	6.2	12.0	0.9	328	272	4.4	491	444	279	31.5	14.6	12.5	0.6	4.6	4.0	250	53	0.66	0.14	1.87	0.016	8000	7.9	0.0		
3/30/24	67.47	67.47	0.00	65	65	6.9	6.2	9.0	4.0	232	376	6.6	363	347	282	31.6	17.0	14.8	0.6	5.7	4.9	350	62	0.00	0.07	1.78	0.016	100000	3.3	0.0		
3/31/24	89.20	89.20	0.00	67	67	6.8	6.3	6.1	0.3	212	220	3.7	215	210	216	31.4	15.7	13.4	6.9	5.8	4.8	290	51	0.00	0.04	2.08	0.016	100000	3.3	0.0		
SUM	2597.8	2587.8	0.0													918.9																462.8
Average	83.5	83.5	0.0	61.1	61.1	6.9	6.3	7.3	2.4	281	257	4.3	377	331	193	29.6	18.4	15.9	3.6	4.9	4.2	286	61	0.55	0.13	1.80	0.016	4268	7.2			

SEWER CONNECTIONS 148624 TIMES 4 = 594496 SEWER POPULATION  
 148537  
 IND. WASTER POPULATION EQ  
 CUSTOMERS 405  
 FLOW 405 200527  
 BOD 949998  
 TSS 336402

Authorized Agent

Certification No. 29841



MORRIS FORMAN WASTEWATER TREATMENT PLANT  
 Month of Mar-24  
 JEFFERSON COUNTY, KY

Average Flow	Primary	Battery A	Battery B	Battery C
	Secondary			

Average Flow (MGD)	83.47	28.00	20.59	6.79
Tanks in Service	2.00	8.00	7.00	4.00
Surface Area (Ft.2)	38500.00	69200.00	60468.02	34556.06
Volume (MG)	4.17	7.09	6.19	3.54
Weir Length (Ft.)	1430.00	2868.00	2506.10	1432.18
Avg. Weir Overflow (GPD/Ft)	58368.07	9761.20	8214.65	4740.90
Avg. Settling Rate (GPD/Ft2)	2167.96	576.28	569.09	304.88
Avg. Detention Time	1.20	6.08	7.22	12.51

AERATION TANKS				
Volume (Gallons)	4200000	4200000	2100000	
Avg. Flow (MGD)	39.88	34.41	10.54	
Avg. Detention Time (Hours)	3.60	4.90	7.42	

CHLORINE CONTACT CHAMBERS				
Contact Chambers in Use	2.0			
Volume (Gallons)	234000			
Avg. Detention Time (Hours)	1.00			

Remarks: BY-PASS REPORTS (See Attached)



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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28249	3500 ST EDWARDS DR	MORRIS FORMAN	CHENOWETH 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	3767616		03/06/2024	DAVIS BROWNBAILEY		DOCUMENTE D	03/12/2006	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/06/24 02:33 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	102,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3767688.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

3/6/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/6/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



**KPDES #** KY0022411      **Facility ID** MSD0278      **Water Quality Treatment Center** MORRIS FORMAN      **Receiving Stream of Treatment Center** CHENOWETH RUN      **Region** NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28250	3506 CHARLANE PKY	MORRIS FORMAN	CHENOWETH 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	3767613		03/06/2024	DAVIS BROWNBAILEY		DOCUMENTE D	01/03/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/06/24 02:33 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	102,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3767687.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

3/6/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/6/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

<b>KPDES #</b>	<b>Facility ID</b>	<b>Water Quality Treatment Center</b>	<b>Receiving Stream of Treatment Center</b>	<b>Region</b>
KY0022411	MSD0278	MORRIS FORMAN		NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28336	3620 CHARLANE PKY	MORRIS FORMAN	CHENOWETH RUN	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3767617		03/06/2024	DAVIS BROWNBAILEY		DOCUMENTE D	08/30/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/06/24 02:35 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	20,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3767692
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

3/6/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/6/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

<b>KPDES #</b>	<b>Facility ID</b>	<b>Water Quality Treatment Center</b>	<b>Receiving Stream of Treatment Center</b>	<b>Region</b>
KY0022411	MSD0278	MORRIS FORMAN		NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28340	3620 CHARLANE PKY	MORRIS FORMAN	CHENOWETH RUN	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3767660		03/06/2024	DAVIS BROWNBAILEY		DOCUMENTE D	01/03/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/06/24 02:35 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	41,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3767691.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

3/7/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

<b>KPDES #</b>	<b>Facility ID</b>	<b>Water Quality Treatment Center</b>	<b>Receiving Stream of Treatment Center</b>	<b>Region</b>
KY0022411	MSD0278	MORRIS FORMAN		NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28451	3406 CHARLANE PKY	MORRIS FORMAN	CHENOWETH RUN	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3767611		03/06/2024	DAVIS BROWNBAILEY		DOCUMENTE D	10/28/2015	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/06/24 02:30 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	102,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3767686.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

3/6/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/6/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

<b>KPDES #</b>	<b>Facility ID</b>	<b>Water Quality Treatment Center</b>	<b>Receiving Stream of Treatment Center</b>	<b>Region</b>
KY0022411	MSD0278	MORRIS FORMAN		NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28452	3402 CHARLANE PKY	MORRIS FORMAN	CHENOWETH RUN	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3767610		03/06/2024	DAVIS BROWNBAILEY		DOCUMENTE D	11/30/2019	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/06/24 07:30 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	34,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3767685.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

3/6/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/6/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

<b>KPDES #</b>	<b>Facility ID</b>	<b>Water Quality Treatment Center</b>	<b>Receiving Stream of Treatment Center</b>	<b>Region</b>
KY0022411	MSD0278	MORRIS FORMAN		NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28453	3402 CHARLANE PKY	MORRIS FORMAN	CHENOWETH RUN	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3767608		03/06/2024	DAVIS BROWNBAILEY		DOCUMENTE D	10/28/2015	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/06/24 07:30 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	10,800 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3767684.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

3/6/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/6/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



<b>KPDES #</b>	<b>Facility ID</b>	<b>Water Quality Treatment Center</b>	<b>Receiving Stream of Treatment Center</b>	<b>Region</b>
KY0022411	MSD0278	MORRIS FORMAN		NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLSSewer Lift Station	MSD0125-PS	3602 TRAIL RIDGE RD	MORRIS FORMAN	LITTLE GOOSE CREEK	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISDW: DRY WEATHER DISCHARGE	3776324		03/21/2024	SANTEE	SANTEE	REPAIRED - ISSUE RESOLVED	03/21/2024	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE-WATERS	03/21/24 05:40 PM	

**Discharge Reporting:**

Discharge Amount:	500 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT, PUMP CONTROLLER FAULTED.
Clean Up:	AREA DISINFECTED WITH LIME.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND IN THE DITCH.
Repair:	REPAIRED THE PUMP CONTROLLER.
Public Notification:	PAGE SENT.

**Notifications:**

3/22/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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<b>KPDES #</b>	<b>Facility ID</b>	<b>Water Quality Treatment Center</b>	<b>Receiving Stream of Treatment Center</b>	<b>Region</b>
KY0022411	MSD0278	MORRIS FORMAN		NA

<b>Facility Type</b>	<b>Facility ID</b>	<b>Facility Address</b>	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b>	<b>Discharge to</b>
SPLSewer Treatment Plant	MSD0278	4522 ALGONQUIN PKY	MORRIS FORMAN	OHIO RIVER	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISDW: DRY WEATHER DISCHARGE	3765924		03/04/2024	BURDIN		REPAIRED - ISSUE RESOLVED	03/04/2024	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	03/04/24 02:30 PM	

**Discharge Reporting:**

Discharge Amount:	19,500 GAL
Cause:	PRIMARY REHAB PROJECT CONSTRUCTION CREW STRUCK LINE
Clean Up:	PUMPED TO PRIMARY, SOME ESCAPED TO WUS, OHIO RIVER VIA STORM DRAIN.
Control Zone:	PERMANENT SIGN AT OUTFALL.
Impact:	NONE.
Repair:	ISOLATED AND VALVED LINE.
Public Notification:	NONE.

**Notifications:**

3/5/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/5/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

**Total Facilities Printed: 9**

**Total Work Orders Printed: 9**