



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

August 22, 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 July 1st through July 31st, 2024, 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.

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 process improvement projects in progress. The Dryer replacement project has been completed and is being commissioned, A Dissolved Air Flotation Thickening (DAFT) rehabilitation design is being finalized, demolition has begun to make way for the Thermal Hydrolysis Process (THP), and lastly due to Primary Sedimentation Project we have reduction plant flow and are utilizing the Secondary bypass channel for the work necessary to complete the improvements to the Primary Effluent channel for Sedimentation Basin 3 and 4 with installation of new valves and gates. The proposed time frame for completion is August 2024. The work is time sensitive and dry weather dependent. Batteries B and C have been shut down during the duration of the work. Battery A remain in service during this work. The plant capacity is limited to 110 MGD with the bypass channel being utilized during the duration of the work. Additional modification will be utilized that may allow additional capacity to be increased up to 140 MGD. Once all work is completed Batteries B and C will be opened and put back in service.

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

Sincerely,

James Skinner
Treatment Facilities Manager

Format: Month/Day/Year
Enter Start Date : 7/1/24

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF July-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		CHLORINATION			FINAL EFFLUENT	
	Final Effluent	Sec. Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	final	final	MG	g/L	g/L	mg/L	g/L	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
7/1/24	69.45	69.45	0.00	76	76	7.1	6.3	8.5	0.1	328	35	4.7	250	178	35	21.4	29.1	24.5	1.1	6.1	5.2	278	45	0.29	0.14	1.69	0.016	94	8.5	0
7/2/24	67.27	67.27	0.00	77	77	6.9	6.5	8.0	0.1	352	69	6.1	284	196	55	21.5	23.7	20.1	0.6	5.9	5.0	307	52	0.47	0.29	1.70	0.016	52	18.4	0
7/3/24	74.54	74.54	0.00	79	79	6.9	6.5	10	0.2	396	70	5.2	324	212	63	21.3	23.9	20.2	0.5	6.9	5.8	333	48	0.52	0.27	1.94	0.016	59	21.0	0
7/4/24	97.75	97.75	0.00	77	77	7.1	6.2	5.5	0.3	252	162	4.2	109	71	66	21.4	22.3	18.7	6.9	4.3	3.6	253	59	0.22	0.22	2.43	0.016	62	8.4	0
7/5/24	95.09	95.09	0.00	77	77	7.1	6.4	5.5	0.1	286	112	6.4	174	99	49	21.2	23.2	19.5	17.2	4.2	3.5	258	60	0.13	0.07	2.75	0.016	216	8.6	0
7/6/24	79.56	79.56	0.00	76	76	7.1	6.5	5.5	0.3	252	80	5.9	138	76	35	20.8	22.7	18.7	15.2	5.3	4.3	241	45	0.00	0.13	1.34	0.016	168	10.0	0
7/7/24	72.29	72.29	0.00	77	77	7.0	6.5	5.0	0.2	204	80	4.5	115	70	41	20.9	23.6	19.6	12.1	4.5	3.8	264	58	0.00	0.11	1.37	0.016	26	9.0	0
7/8/24	75.71	75.71	0.00	81	81	7.1	6.5	6.5	0.3	240	98	5.1	167	131	51	21.4	23.3	19.1	8.6	4.8	4.0	241	49	0.18	0.11	1.37	0.016	160	13.7	0
7/9/24	81.37	81.37	0.00	79	79	7.1	6.4	8.5	0.2	290	88	5.0	202	164	36	22.2	21.1	17.5	5.7	4.8	4.0	243	50	0.15	0.05	1.41	0.016	92	14.3	0
7/10/24	96.12	96.12	0.00	80	80	7.0	6.3	5.5	0.5	254	132	4.8	133	99	43	22.5	22.3	18.3	10.6	4.8	3.8	248	50	0.26	0.10	1.55	0.016	140	9.6	0
7/11/24	80.40	80.40	0.00	77	77	7.1	6.6	4.0	0.4	205	108	5.9	161	104	40	22.4	20.2	16.3	11.0	4.3	3.5	241	56	0.13	0.13	1.46	0.016	140	12.5	0
7/12/24	70.01	70.01	0.00	79	79	7.0	6.5	9.5	0.2	354	66	3.4	400	224	44	21.4	22.8	18.7	3.0	4.2	3.5	263	62	0.10	0.03	1.25	0.016	26	11.0	0
7/13/24	68.18	68.18	0.00	82	82	6.9	6.4	3.0	1.3	196	250	3.1	284	222	113	25.3	16.8	13.6	1.4	3.9	3.2	368	92	0.00	0.00	1.11	0.016	540	11.0	0
7/14/24	63.15	63.15	0.00	78	78	7.0	6.4	7.5	0.4	256	107	4.7	173	159	54	24.7	19.1	15.5	5.6	5.1	4.2	259	51	0.00	0.00	1.23	0.016	96	6.3	0
7/15/24	64.38	53.79	10.59	79	79	7.0	6.3	8.5	1.6	298	294	4.1	246	209	119	22.1	20.5	16.5	2.6	6.4	5.0	295	46	0.25	0.15	1.18	0.016	188	13.9	0
7/16/24	63.47	50.02	13.45	81	81	7.0	6.5	1.8	3.0	370	360	3.1	210	215	281	14.0	16.6	13.3	0.7	4.6	3.6	200	44	0.46	0.26	1.51	0.016	5500	23.2	0
7/17/24	81.00	49.00	32.00	79	79	6.8	6.5	15.0	6.5	560	492	3.7	384	307	279	10.5	21.6	17.6	10.0	4.8	3.9	213	44	0.37	0.32	2.26	0.016	60000	11.4	0
7/18/24	62.57	46.49	16.08	82	82	6.8	6.4	8.5	1.6	377	273	3.0	560	386	189	10.6	21.7	17.8	3.7	4.3	3.5	203	48	0.59	0.33	1.71	0.016	18800	16.2	0
7/19/24	57.04	46.91	10.13	79	79	6.6	6.3	10.0	1.1	505	230	3.8	620	454	181	11.2	22.8	19.0	1.1	4.8	3.8	217	46	0.46	0.23	1.81	0.016	4400	10.9	0
7/20/24	49.68	44.88	4.80	79	79	6.8	6.3	1.2	1.6	378	376	3.6	396	379	366	11.8	25.5	21.4	1.5	5.5	4.5	240	44	0.00	0.10	1.57	0.016	6600	8.1	0
7/21/24	49.24	45.43	3.81	79	79	6.9	6.2	7.5	1.1	194	340	4.0	205	222	163	11.4	23.9	20.6	1.4	5.4	4.7	213	40	0.00	0.10	1.62	0.016	4500	6.4	0
7/22/24	64.96	46.95	18.01	79	79	6.9	6.1	9.8	2.8	400	405	4.6	330	243	191	9.4	25.1	21.2	9.2	4.8	4.1	230	48	0.00	0.21	1.66	0.016	104	10.8	0
7/23/24	90.32	48.72	41.60	79	79	6.8	6.3	9.5	3.2	420	376	3.8	247	174	218	11.3	23.7	20.2	15.5	4.4	3.9	207	48	0.49	0.16	2.29	0.016	60000	9.2	0
7/24/24	61.54	48.25	13.29	81	81	6.8	6.3	2.7	0.3	266	136	5.1	364	294	152	11.4	20.7	17.5	9.3	5.0	4.3	223	45	0.37	0.32	1.94	0.016	2700	11.4	0
7/25/24	64.17	49.29	14.88	80	80	6.8	6.3	9.8	0.5	487	172	4.7	544	372	142	10.8	21.1	17.8	6.0	4.5	3.7	217	49	0.61	0.26	1.80	0.016	6970	14.4	0
7/26/24	55.66	48.63	7.03	81	81	6.7	6.2	5.0	0.5	327	152	4.1	538	383	141	11.3	21.2	18.2	2.5	3.8	3.3	210	55	0.39	0.16	1.73	0.016	780	14.5	0
7/27/24	49.75	46.21	3.54	80	80	6.9	6.5	9.0	0.2	403	212	4.4	348	328	211	11.4	22.5	19.4	1.8	4.6	4.0	190	41	0.00	0.11	1.51	0.016	60000	12.6	0
7/28/24	76.21	47.47	28.74	78	78	7.0	6.2	8.5	0.4	248	166	5.7	173	214	132	11.3	30.2	26.0	8.8	5.8	5.0	250	43	0.00	0.15	2.08	0.016	620	4.9	0
7/29/24	87.13	46.26	40.87	79	79	6.8	6.4	10.1	1.7	480	288	4.1	188	134	254	10.6	21.6	18.5	12.5	4.9	4.2	230	47	0.50	0.27	2.98	0.016	8100	6.8	0
7/30/24	80.46	49.03	31.43	79	79	6.8	6.7	8.0	1.4	423	209	4.7	292	162	138	10.3	20.9	17.7	17.1	4.1	3.5	200	49	0.72	0.33	2.21	0.016	9070	13.0	0
7/31/24	86.22	49.31	36.91	79	79	6.7	6.4	9.5	1.5	612	166	3.5	406	231	134	10.0	20.0	16.9	12.5	4.0	3.1	227	57	0.56	0.33	2.37	0.016	15900	13.4	0
SUM	2234.7	1907.5	327.2													507.5							8.2	5.5						0.0
Average	72.1	61.5	19.2	79.0	79.0	6.9	6.4	7.3	1.1	342	197	4.5	289	217	130	16.4	22.4	18.7	7.0	4.9	4.0	244	51	0.3	0.2	1.77	0.016	837	11.7	

SEWER CONNECTIONS 148685 TIMES 4 = 594740 SEWER POPULATION IND. WASTER POPULATION EQ
148537 CUSTOMERS 404
FLOW 405 91801
BOD 427991
TSS 385379

Authorized Agent

Certification No. 29841

MORRIS FORMAN WASTEWATER TREATMENT PLANT, KY

Month of Jul-24

Average Flow

Primary	SETTLING TANKS		
	Battery A	Battery B	Battery C

Average Flow	71.62	32.50	10.96	3.85
Tanks in Service	2.00	8.0	4.2	2.9
Surface Area	38500.00	69200.00	36718.30	25504.30
Volume (Million)	4.17	7.09	3.76	2.61
Weir Length	1430.00	2868.00	1521.79	1057.03
Avg. Weir C	50080.89	11331.70	7198.91	3645.29
Avg. Settling	1860.15	621.95	415.95	224.46
Avg. Detention	1.40	5.23	8.24	16.27

AERATION TANKS			
Battery A	Battery B	Battery C	

Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	43.04	15.27	5.72
Avg. Detention Time (H)	3.10	9.20	13.08

CHLORINE CONTACT CHAMBERS

Contact Chlorine	2.0
Volume (Gallons)	2340000
Avg. Detention Time (H)	0.86

Remarks: BY-PASS REPORTS (See Attached)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:
Major:

KY0022411
Yes

Permittee:
Permittee Address:

Morris Forman WQTC MSD
700 W Liberty St
Louisville, KY 40203

Facility:
Facility Location:

MORRIS FORMAN WQTC MSD
4522 ALGONQUIN PKWY
LOUISVILLE, KY 40211

Permitted Feature:

001
External Outfall

Discharge:

001-1
MUNICIPAL DISCHARGE

Report Dates & Status

Monitoring Period:

From 07/01/24 to 07/31/24

DMR Due Date:

08/28/24

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.

Principal Executive Officer

First Name:
Last Name:

James A
Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	3.0					19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	2.0 INST MIN					19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI															
X 00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	36797.0	=	46112.0	26 - lb/d			=	79.0	=	116.0	19 - mg/L	2	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 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	=	166001.0	=	192412.0	26 - lb/d			=	289.0	=	374.0	19 - mg/L	0	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						=	6.1			=	6.7	12 - SU	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB
					Value NODI															
X 00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	90226.0	=	117988.0	26 - lb/d			=	191.0	=	297.0	19 - mg/L	2	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	205984.0	=	201059.0	26 - lb/d			=	342.0	=	383.0	19 - mg/L	0	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	=	5444.0	=	7709.0	26 - lb/d			=	10.4	=	12.0	19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			<=	20.0 MO AVG	<=	30.0 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	=	7576.0	=	8762.0	26 - lb/d			=	12.9	=	16.8	19 - mg/L	0	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	=	61.53	=	79.42	03 - MGD								0	99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	CN - CONTIN
					Value NODI															
					Sample										<	0.016	19 - mg/L		01/01 - Daily	GR - GRAB

50060	Chlorine, total residual	1 - Effluent Gross	0	--	Permit Req.											<=	0.019 DAILY MX	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Value NODI																	
X 74055	Coliform, fecal general	1 - Effluent Gross	1	--	Sample									=	837.0	=	5501.0	13 - #/100mL	2	01/01 - Daily	GR - GRAB	
					Permit Req.										<=	200.0 30DA GEO	<=	400.0 7 DA GEO		13 - #/100mL	01/01 - Daily	GR - GRAB
					Value NODI																	
X 81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample								=	73.0				23 - %	1	01/30 - Monthly	CA - CALCTD	
					Permit Req.										>=	85.0 MO MIN				23 - %	01/30 - Monthly	CA - CALCTD
					Value NODI																	
X 81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample								=	44.0				23 - %	1	01/30 - Monthly	CA - CALCTD	
					Permit Req.										>=	85.0 MO MIN				23 - %	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.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
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
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
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
July2024MorrisForman.pdf		pdf	36258.0
MFWQTCMOR07024.pdf		pdf	125779.0
MFMORCoverLetterJuly2024.pdf		pdf	66704.0

Report Last Saved By

Morris Forman WQTC MSD

User: AJOP1117
Name: Amber Pauly
E-Mail: amber.pauly@louisvillemSD.org
Date/Time: 2024-08-26 09:11 (Time Zone: -04:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG
Name: James skinner
E-Mail: james.skinner@louisvillemSD.org
Date/Time: 2024-08-26 12:48 (Time Zone: -04:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:
Major:

KY0022411
Yes

Permittee:
Permittee Address:

Morris Forman WQTC MSD
700 W Liberty St
Louisville, KY 40203

Facility:
Facility Location:

MORRIS FORMAN WQTC MSD
4522 ALGONQUIN PKWY
LOUISVILLE, KY 40211

Permitted Feature:

001
External Outfall

Discharge:

001-B
SECONDARY BYPASS

Report Dates & Status

Monitoring Period:

From 07/01/24 to 07/31/24

DMR Due Date:

08/28/24

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:
Last Name:

James A
Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					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								=	194.0	=	225.0	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								=	277.0	=	310.0	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								=	273.0	=	338.0	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								=	192.0	=	247.0	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								=	11.8	=	12.9	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								=	15.3	=	16.9	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	=	19.2	=	18.2	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:	AJOP1117
Name:	Amber Pauly
E-Mail:	amber.pauly@louisvillemsd.org
Date/Time:	2024-08-26 09:09 (Time Zone: -04:00)
Report Last Signed By	
User:	SKINNER@LOUISVILLEMSD.ORG
Name:	James skinner
E-Mail:	james.skinner@louisvillemsd.org
Date/Time:	2024-08-26 12:55 (Time Zone: -04:00)



KPDES #	Facility ID	Water Quality Treatment Center			Recieving Steam of Discharge		Region				
KY0022411	MSD0278	MORRIS FORMAN			OHIO RIVER		NA				
Facility Type	Facility ID	Facility Address		If Pump Station, Name of Station			Recieving Stream		Discharge To		
Sewer Node	10304-T	5311	ALPINE WAY	MORRIS FORMAN			NORTHERN DITCH		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	3816441		7/7/2024 7:30:00 PM	BOWLIN JR	BOWLIN JR	REPAIRED - ISSUE RESOLVED	7/7/2024 12:00:00 AM	ROOTS	UNAUTHORIZED DISCHARGE-WATERS	07/07/24 07:50 PM	MAIN

Discharge Reporting:

Discharge Amount:	500 GAL
Cause:	ROOTS IN MAIN SEWER.
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE / DEBRIS AROUND MANHOLE.
Repair:	FLUSHED THE MAIN SEWER TO REMOVE ROOT OBSTRUCTION; SEE WO 3816440.
Public Notification:	ADVISED CUSTOMER ON SITE.

Notifications:

7/8/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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IMSAST0004
Overflow Report
7/1/2024 12:00:00 AM to 7/31/2024 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	28249	3500 ST EDWARDS DR	MORRIS FORMAN	CHENOWETH RUN	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	3825193		7/31/2024 6:40:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	3/12/2006 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	07/31/24 11:08 PM	MAIN

Discharge Reporting:

Discharge Amount:	5,400 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#3825373.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
Public Notification:	ADVISED CUSTOMER BY DOOR CARD.

Notifications:

8/1/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/1/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2024 12:00:00 AM to 7/31/2024 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	28250	3506	CHARLANE PKY	MORRIS FORMAN		CHENOWETH RUN		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	3825192		7/31/2024 6:35:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	1/3/2005 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	07/31/24 11:07 PM	MAIN

Discharge Reporting:

Discharge Amount:	5,400 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#3825372.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
Public Notification:	ADVISED CUSTOMER BY DOOR CARD.

Notifications:

8/1/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/1/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2024 12:00:00 AM to 7/31/2024 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center			Receiving Steam 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	28336	3620	CHARLANE PKY	MORRIS FORMAN			CHENOWETH RUN		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	3825195		7/31/2024 6:50:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	8/30/2005 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	07/31/24 11:10 PM	MAIN

Discharge Reporting:

Discharge Amount:	13,250 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#3825375.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
Public Notification:	ADVISED CUSTOMER BY DOOR CARD.

Notifications:

8/1/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/1/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2024 12:00:00 AM to 7/31/2024 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center			Receiving Steam 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	28340	3620	CHARLANE PKY	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
DISREV:RAIN EVENT DISCHARGE	3825194		7/31/2024 6:45:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	1/3/2005 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	07/31/24 11:09 PM	MAIN

Discharge Reporting:

Discharge Amount:	5,400 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#3825374.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	LOCATION INCLUDED IN IOAP.A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED .OVERFLOW ABATEMENT PLAN.
Public Notification:	ADVISED CUSTOMER BY DOOR CARD.

Notifications:

8/1/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/1/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2024 12:00:00 AM to 7/31/2024 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	28451	3406	CHARLANE PKY	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
DISREV:RAIN EVENT DISCHARGE	3825191		7/31/2024 6:30:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	10/28/2015 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	07/31/24 11:06 PM	MAIN

Discharge Reporting:

Discharge Amount:	8,250 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#3825371.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
Public Notification:	ADVISED CUSTOMER BY DOORCARD.

Notifications:

8/1/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/1/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2024 12:00:00 AM to 7/31/2024 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center			Recieving Steam of Discharge		Region				
KY0022411	MSD0278	MORRIS FORMAN			OHIO RIVER		NA				
Facility Type	Facility ID	Facility Address		If Pump Station, Name of Station			Recieving Stream		Discharge To		
Sewer Manhole	28452	3402	CHARLANE PKY	MORRIS FORMAN			CHENOWETH RUN		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	3825189		7/31/2024 6:25:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	11/30/2019 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	07/31/24 11:05 PM	MAIN

Discharge Reporting:

Discharge Amount:	2,800 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#3825370.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
Public Notification:	ADVISED CUSTOMER BY DOOR CARD.

Notifications:

8/1/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/1/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2024 12:00:00 AM to 7/31/2024 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	28453	3402	CHARLANE PKY	MORRIS FORMAN			CHENOWETH RUN		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	3825187		7/31/2024 6:20:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	10/28/2015 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	07/31/24 11:00 PM	MAIN

Discharge Reporting:

Discharge Amount:	28,000 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	WO#3825368.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
Public Notification:	ADVISED CUSTOMER BY DOORCARD.

Notifications:

8/1/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/1/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION