

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

July 19, 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 June 1st through June 30th, 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

DMR Copy of Record

Permit

Permit #: KY0022411

Permittee:

Morris Forman WQTC MSD

Facility Location:

Facility:

Status:

MORRIS FORMAN WQTC MSD

Major: Yes

Permittee Address:

DMR Due Date:

700 W Liberty St Louisville, KY 40203 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Permitted Feature:

001 External Outfall

Parrott

Discharge:

SECONDARY BYPASS

Report Dates & Status

Monitoring Period: From 06/01/23 to 06/30/23

07/28/23

001-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.

Title:

Principal Executive Officer

First Name: James A

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Last Name:

Form NODI:

1 011111	Parameter	Monitoring Location	Season	# Param. NODI			Qı	antity or Load	ing			Quality or Cond	entration		#	# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1 Value 1 Qualifier 2	2 Value 2	Qualifier 3	Value 3	Units			
					Sample						=	144.0		184.0	19 - mg/L		10/30 - Ten Per Month	CP - COMPOS
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVG		Req Mon MX WK A	/ 19 - mg/L	0	WH/DS - When Discharging	g CP - COMPOS
	, , , , , , , , , , , , , , , , , , , ,				Value NODI													
					Sample						=	234.0		313.0	19 - mg/L		10/30 - Ten Per Month	CP - COMPOS
00310	BOD, 5-day, 20 deg. C	F - Primary/Prelimary Process Complete	0		Permit Req.							Req Mon MO AVG		Req Mon MX WK A	/ 19 - mg/L	0	WH/DS - When Discharging	g CP - COMPOS
	, ,,				Value NODI													
					Sample						=	161.0	=	298.0	19 - mg/L		10/30 - Ten Per Month	CP - COMPOS
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVG		Req Mon MX WK A	/ 19 - mg/L	0	WH/DS - When Discharging	g CP - COMPOS
	Journal Suspended				Value NODI													
					Sample						=	177.0	=	240.0	19 - mg/L		10/30 - Ten Per Month	CP - COMPOS
00530	Solids, total suspended	F - Primary/Prelimary Process Complete	0		Permit Req.							Req Mon MO AVG		Req Mon MX WK A	/ 19 - mg/L	0	WH/DS - When Discharging	g CP - COMPOS
					Value NODI													
					Sample						=	8.6	=	16.0	19 - mg/L		10/30 - Ten Per Month	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVG		Req Mon MX WK A	/ 19 - mg/L	0	WH/DS - When Discharging	g CP - COMPOS
000.0					Value NODI											Ū		
					Sample						=	11.5	=	16.0	19 - mg/L		10/30 - Ten Per Month	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	F - Primary/Prelimary Process Complete	0		Permit Req.							Req Mon MO AVG		Req Mon MX WK A	/ 19 - mg/L	0	WH/DS - When Discharging	g CP - COMPOS
000.0		The state of the s			Value NODI											Ū		
					Sample	= 5.3	3	= 13	3.2	03 - MGD							10/30 - Ten Per Month	CN - CONTIN
50050	Flow, in conduit or thru treatment plant	F - Primary/Prelimary Process Complete	0		Permit Req.	Re	eq Mon MO AV	3 Re	eq Mon MX WK AV	03 - MGD						0	WH/DS - When Discharging	g CN - CONTIN
23000	i ion, in conduct of the freehold plant				Value NODI											•		
					Tuluo 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: 2023-07-19 12:32 (Time Zone: -04:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org

Date/Time: 2023-07-20 12:51 (Time Zone: -04:00)

DMR Conv of Record

X 81011 Solids, suspended percent removal

K - Percent Removal

DINIR Copy of Record															
Permit															
Permit #:	KY0022411		Permit	tee:	Mori	is Forman WQTC MSD			Facility	:		MORRIS FORM	MAN WQTC MS	D	
Major:	Yes		Permit	tee Address:		W Liberty St sville, KY 40203			Facility	Location:		4522 ALGONO LOUISVILLE, P			
Permitted Feature:	001 External Outfall		Discha	arge:	001 - MUN	1 NICIPAL DISCHARGE									
Report Dates & Status															
Monitoring Period:	From 06/01/23 to 06/30/23		DMR D	Oue Date:	07/2	8/23			Status:			NetDMR Valid	ated		
Considerations for Form Completion															
G - INFLUENTE - SECONDARY EFFLUE needed.	NT1 - FINAL EFFLUENT - Parameter 74055 - U	se Seas	son 1 for	summer months (Ma	ay, June, July, Augus	st, September, and Octob	per) and Se	ason 2 for v	winter months ((November, December,	ber, Janu	uary, February Mar	ch, and April); e	nter NODI=9 for the	Season not
Principal Executive Officer															
First Name:	James A		Title:		Exe	cutive Director			Telepho	one:		502-540-6000			
Last Name:	Parrott														
No Data Indicator (NODI)															
Form NODI: Parameter	Monitoring Location	Seaso	on #Paran	n. NODI	Qu	antity or Loading				Quality or Conc	entration		# of	Ex. Frequency of Analys	sis Sample Ty
Code Name	monitoring coodien	Journal	on we are	Qua	lifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1	Value 1 Quali		Qualifier	3 Value 3	Units		
				Sample Permit Req.				= 2. >= 2.	.4 .0 INST MIN				19 - mg/L 19 - mg/L	01/01 - Daily 01/01 - Daily	GR - GRAB
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Value NODI) <u> </u>	O IIIVI TOPII O.				19 - 111g/L 0	01/01 - Daily	OIX - OIXAL
				Sample =	108492.0	= 125630.0	26 - lb/d		=	172.0	=	205.0	19 - mg/L	01/01 - Daily	CP - COMF
X ₀₀₃₁₀ BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	te 0		Permit Req. Value NODI	Req Mon MO AV	Req Mon MX WK	(AV 26 - lb/d		<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L 2	01/01 - Daily	CP - COMF
				Sample =	261298.0	= 314174.0	26 - lb/d		=	413.0	=	523.0	19 - mg/L	01/01 - Daily	CP - COMF
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Permit Req. Value NODI	Req Mon MO AV	Req Mon MX Wk	(AV 26 - lb/d			Req Mon MO AV	3	Req Mon MX WK A	/ 19 - mg/L 0	01/01 - Daily	CP - COMF
				Sample				= 6.	.0		=	6.6	12 - SU	01/01 - Daily	GR - GRAE
00400 pH	1 - Effluent Gross	0		Permit Req. Value NODI				>= 6.	.0 MINIMUM		<=	9.0 MAXIMUM	12 - SU 0	01/01 - Daily	GR - GRAB
				Sample =	103222.0	= 129210.0	26 - lb/d		=	155.0	=	217.0	19 - mg/L	01/01 - Daily	CP - COMP
X ₀₀₅₃₀ Solids, total suspended	E - Secondary/Biological Process Complet	te 0		Permit Req. Value NODI	Req Mon MO AV	Req Mon MX Wk	(AV 26 - lb/d		<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L 2	01/01 - Daily	CP - COMF
				Sample =	163536.0	= 197832.0	26 - lb/d		=	251.0	=	336.0	19 - mg/L	01/01 - Daily	CP - COMP
00530 Solids, total suspended	G - Raw Sewage Influent	0		Permit Req. Value NODI	Req Mon MO AV	Req Mon MX WK	(AV 26 - lb/d			Req Mon MO AV	3	Req Mon MX WK A	/ 19 - mg/L 0	01/01 - Daily	CP - COMF
				Sample =	6814.0	= 8949.0	26 - lb/d		=	10.9	=	16.1	19 - mg/L	01/01 - Daily	CP - COMP
Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	te 0		Permit Req. Value NODI	Req Mon MO AV	Req Mon MX WK	(AV 26 - lb/d		<=	20.0 MO AVG	<=	30.0 MX WK AV	19 - mg/L 0	01/01 - Daily	CP - COMF
				Sample =	8002.0	= 8680.0	26 - lb/d		=	12.4	=		19 - mg/L	01/01 - Daily	CP - COMP
00610 Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0		Permit Req. Value NODI	Req Mon MO AV	G Req Mon MX WK	(AV 26 - lb/d			Req Mon MO AV	3	Req Mon MX WK AV	/ 19 - mg/L 0	01/01 - Daily	CP - COMP
				Sample =	81.3	= 96.9	03 - MGD							99/99 - Continuous	CN - CONT
Flow, in conduit or thru treatme	ent plant E - Secondary/Biological Process Complet	te 0		Permit Req. Value NODI	Req Mon MO AV	Req Mon DAILY	MX 03 - MGD)					0	99/99 - Continuous	CN - CONT
				Sample							<	0.016	19 - mg/L	01/01 - Daily	GR - GRAE
50060 Chlorine, total residual	1 - Effluent Gross	0		Permit Req. Value NODI							<=	0.019 DAILY MX	19 - mg/L 0	01/01 - Daily	GR - GRAE
				Sample					=	2041.0	=	3777.0	13 - #/100mL	01/01 - Daily	GR - GRAE
X 74055 Coliform, fecal general	1 - Effluent Gross	1		Permit Req. Value NODI					<=	200.0 30DA GEO	<=	400.0 7 DA GEO	13 - #/100mL 2	01/01 - Daily	GR - GRAE
				Sample					8.0				23 - %	01/30 - Monthly	CA - CALC
X 81010 BOD, 5-day, percent removal	K - Percent Removal	0		Permit Req.				>= 85	5.0 MO MIN				23 - %	01/30 - Monthly	CA - CALC
				Value NODI				0.0	9.0				22 0/	04/20 Manuth	CA CALC
				Sample				= 38	8.0				23 - %	01/30 - Monthly	CA - CALCT

85.0 MO MIN

CA - CALCTD

01/30 - Monthly

23 - %

Permit Req.

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	Mantentan Landian	Field	T	Description	Aslansadadas
Code	Name	Monitoring Location	Field	Туре	Description Description	Acknowledge
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
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
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
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
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

Comments

Attachments

Name	Туре	Size
062023JuneMorrisFormanOverflow.pdf	pdf	139744.0
MFWQTC06023CoverLetter.pdf	pdf	42070.0
MFWQTCMOR06023.pdf	pdf	115119.0

Report Last Saved By

Morris Forman WQTC MSD

User: AJOP1117
Name: Amber Pauly

E-Mail: amber.pauly@louisvillemsd.org

Date/Time: 2023-07-19 12:34 (Time Zone: -04:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org
Date/Time: 2023-07-20 12:47 (Time Zone: -04:00)

DMR Copy of Record

Permit

KY0022411 Permit #:

Morris Forman WQTC MSD Permittee:

DMR Due Date:

Title:

Major: Yes Permittee Address: 700 W Liberty St

Louisville, KY 40203

Facility Location:

Facility:

MORRIS FORMAN WQTC MSD

4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Permitted Feature:

001 External Outfall Discharge: 001-Y

BIOMONITORING/ONCE PER QUARTER

Report Dates & Status

Monitoring Period: From 04/01/23 to 06/30/23 07/28/23

NetDMR Validated

Status:

Considerations for Form Completion

Principal Executive Officer

First Name: James A

Last Name: Parrott **Executive Director**

Telephone: 502-540-6000

No Data Indicator (NODI)

Form NODI:

	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading		Quality or Co				# of Ex. Frequency of Analysi	is Sample Typ
Code	Name					Qualifier 1 Value 1 Qualifier 2 Value 2 Units C	tualifier 1 Value 1 Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
					Sample		=	244.0	=	244.0	19 - mg/L	01/90 - Quarterly	CP - COMPO
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0		Permit Req			Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPC
					Value NODI								
					Sample		<	0.01	<	0.01	19 - mg/L	01/90 - Quarterly	CP - COMPO
1025	Cadmium, dissolved [as Cd]	1 - Effluent Gross	0		Permit Req			Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
					Value NODI								
					Sample		<	0.01	<	0.01	19 - mg/L	01/90 - Quarterly	CP - COMPO
1040	Copper, dissolved [as Cu]	1 - Effluent Gross	0		Permit Req			Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
71040	copper, dissolved [as od]	1 - Ellident Gloss	U		Value NODI								
					Sample		<	0.05	<	0.05	19 - mg/L	01/90 - Quarterly	CP - COMPO
1049	Lead, dissolved [as Pb]	1 - Effluent Gross	0		Permit Req			Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
31010	Loud, diocorrou [do 1 b]	1 Emdon Grood			Value NOD								
					Sample		=	0.06	=	0.06	19 - mg/L	01/90 - Quarterly	CP - COMPO
1090	Zinc, dissolved [as Zn]	1 - Effluent Gross	0		Permit Req			Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
	,				Value NODI								
					Sample		=	0.06	-	0.06	19 - mg/L	01/90 - Quarterly	CP - COMPO
1094	Zinc, total recoverable	1 - Effluent Gross	0		Permit Req			Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
	.,				Value NODI								
					Sample		<	0.01	<	0.01	19 - mg/L	01/90 - Quarterly	CP - COMPO
1113	Cadmium, total recoverable	1 - Effluent Gross	0		Permit Req			Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
	Guarriani, total 1000 volubio	doi: dress			Value NOD								
					Sample		<	0.05	<	0.05	19 - mg/L	01/90 - Quarterly	CP - COMPO
)1114	Lead, total recoverable	1 - Effluent Gross	0		Permit Req			Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
	Loud, total rocovorable	doi:i dissa			Value NOD								
					Sample		=	0.015	=	0.015	19 - mg/L	01/90 - Quarterly	CP - COMPO
01119	Copper, total recoverable	1 - Effluent Gross	0		Permit Req			Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
,,,,,	coppor, total locotorable	. Ellidelit Gloss			Value NOD								
					Sample				<	1.0	2F - tox acute	e 01/90 - Quarterly	G2 - GRAB-2
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0		Permit Req				<=	1.0 DAILY MX	2F - tox acute	e 01/90 - Quarterly	G2 - GRAB-2
	and the second s	5 5.000			Value NOD								

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: 2023-07-19 12:45 (Time Zone: -04:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org
Date/Time: 2023-07-20 12:53 (Time Zone: -04:00)

Format: Month/Day/Year

Enter Start Date:

MORRIS FORMAN

6/1/23

WATER QUALITY TREATMENT CENTER PLANT CAPACITY -KPDES PERMIT NO. KY0022411

JEFFERSON COUNTY, KENTUCKY

June-23

MONTH OF RECEIVING STREAM-OHIO RIVER 120 MGD

											700	_	0.0		5-DAY BOD																
ı					TEMP		pH		SETS		TSS		D.O. (mg/L)		(mg/L)										ACTIVE		CH	LORINATION		FINAL	
		STEWATE		-	(DEGF)				(M/L)		(mg/L)		(IIIg/L)		(mg/L)		RET	URN SLUDG	E		AE	RATION BASIN			Sludge	Primary (Chlorine		Fecal	EFFLUENT	л
		(Million Ga	allons)	-											prim.		FLOW	TSS	TVSS	D.O	MLSS	MLVSS	SET	SVI	Wasted	Sludge	Dosage	Resid	Coliform	NH3-N	Pump.
_	Final Effluent	Sec. Effluent	Bypass			final	raw fi	nal	raw fir	nal ra	aw f	nal	final	raw	final	final	MG	g/L	g/L	mg/L	g/L	g/L			MG	MG	KLBS	mg/L	#/100 ml	mg/L	Hours
DATE 6/1/23	65,38		15.38	0.00	75	75	6.7	6.4	3.3	0.4	228	172	3.1	467	403	110	34.4	17.7	14.8	0.7	5.3	4.4	479	90	1.44	0.28	2.98	0.016	4	17.4	0.0
6/2/23	63.57		3.57	0.00	75	75	6.7	6.5	5.0	1.7	268	256	3.2	550	510	325	34.5	17.9	15.0	0.7	5.5	4.7	490	88	1.29	0.26	2.16	0.016	60000	21.8	0.0
6/3/23	58.06		8.06	0.00	75	75	6.5	6.4	7.4	0.7	288	192	6.6	1220	456	188	33.6	15.3	13.0	0.8	5.4	4.6	504	92	0.58	0.23	2.36	0.016	60000	14.0	0.0
6/4/23	57.35		7.35	0.00	74	74	6.7	6.1	4.5	0.5	192	204	6.3	333	551	213	34.3	15.5	13.1	0.9	5.9	5.0	543	92	0.76	0.04	2.54	0.016	50000	10.9	0.0
6/5/23	60.75		0.75	0.00	73	73	6.9	6.1	4.0	0.5	168	208	4.6	345	208	128	35.0	16.6	14.2	0.3	5.7	4.9	524	90	0.90	0.18	3.25	0.016	63200	12.5	0.0
6/6/23	60.59	9 6	0.58	0.01	73	73	6.6	6.3	7.5	0.5	276	176	3.4	443	318	131	34.5	16.0	13.9	0.3	5.5	4.8	508	90	1.15	0.35	2.84	0.016	50000	16.7	0.0
6/7/23	101.41	9	7.05	4.36	73	73	6.7	6.2	7.0	9.9	268	420	3.3	305	307	192	34.0	15.8	13.7	0.4	5.1	4.4	451	87	1.09	0.22	5.00 4.69	0.016 0.016	60000	15.2 8.5	0.0
6/8/23	117.75	5 9.	2.64	25.11	71	71	6.6	6.3	4.5	0.1	204	136	3.8	350	226	126	33.9	14.9	12.9	0.7	4.4	3.7	371	88	1.15	0.24	3.09	0.016	20	8.7	0.0
6/9/23	83.72	2 8	3.72	0.00	71	71	6.6	6.6	9.0	0.2	336	74	3.4	512	304	74	34.6	15.6	13.3	0.5	4.0	3.4	359 443	88 56	1.07 0.58	0.26	2.73	0.016	5300	8.1	0.0
6/10/23	66.04	1 6	6.04	0.00	70	70	6.9	6.2	9.5	0.1	304	48	3.3	689	561	189	34.4	16.1	13.8	0.5	8.2	7.1 4.7	460	83	0.86	0.21	3.65	0.016	60000	8.0	0.0
6/11/23	82.81	1 8	11.57	1.24	74	74	6.8	6	7.0	0.4	220	144		332	284	242	34.2	14.2	12.3	0.6	5.5	3.5	340	80	1.02	0.13	4.81	0.016	4	4.9	0.0
6/12/23	105.70) 10	5.70	0.00	71	71	6.9	6.1	7.5	3.5	248	312	3.7	184	15/	157	33.0	15.7	13.4	1.2 0.5	4.1 4.9	4.1	380	76		0.21	5.56	0.016	60000	12.7	0.0
6/13/23	76.16	5 7	6.16	0.00	71	71	6.8	6.3	9.5	0.1	320	72	3.8	671	448	71 204	32.3 32.2	15.4 17.5	13.0 14.8	1.1	5.4	4.6	450	81	1.44	0.35	2.49	0.016	37600	16.6	0.0
6/14/23	70.59	9 7	0.59	0.00	71	71	6.7	6.2	9.8	0.1	316	118	4.4	511 628	452 469	199	31.9	18.7	15.8	1.6	5.8	4.9	381	66	1.28	0.38	4.51	0.016	4	17.4	4.0
6/15/23	65.33	3 6	5.33	0.00	74	74	6.7	6.2	8.0	0.1	312	92 80	4.1 4.1	662	506	253	32.6	14.7	12.3	1.7	6.5	5.7	422	70	1.45	0.40	6.84	0.016	60000	17.4	0.0
6/16/23	64.67		14.67	0.00	77	77	6.6	6.2	14.0	0.1	603 353	113	3.6	601	468	258	33.2	17.3	14.8	1.0	6.2	5.3	457	73		0.27	2.75	0.016	60000	10.3	0.0
6/17/23	59.43		9.43	0.00	74	74	6.6	6.1	12.0 15.0	0.2	403	193	5.3	433	371	178	32.6	17.2	14.8	1.5	6.8	5.8	503	74	0.56	0.12	2.98	0.016	17	9.7	0.0
6/18/23	60.01		0.01	0.00	73 72	73 72	6.9	6.1 6.2	8.5	17.0	284	592	4.5	211	284	283	32.6	17.3	14.7	1.0	5.9	5.1	369	61	0.99	0.14	2.84	0.016	60000	10.3	0.0
6/19/23	60.01		0.01	0.00	73	73	6.8	6.2	2.5	0.9	180	184	3.4	359	226	133	32.0	17.1	14.5	0.7	4.0	3.4	263	65	1.09	0.23	3.54	0.016	136	6.4	0.0
6/20/23	117.61			0.51	75	75	6.7	6.2	4.0	0.2	220	97	3.1	339	225	149	31.5	16.6	14.2	0.5	4.1	3.4	277	67	1.21	0.40	3.13	0.016	60000	8.2	0.0
6/21/23	105.87 89.10		15.36 18.32	0.78	73	73	6.8	6.6	7.0	0.1	284	52	3.3	408	358	147	31.7	17.0	14.6	0.4	4.4	3.8	317	70	1.02	0.33	3.54	0.016	46800	8.8	0.0
6/23/23	74.52		4.52	0.00	73	73	6.5	6.1	6.0	0.1	284	76	3.6	541	439	152	31.3	19.5	16.1	0.4	5.7	4.6	404	69	1.31	0.19	3.57	0.016	60000	9.2	0.0
6/24/23	74.52		4.52	0.00	77	77	6.7	6	5.5	0.4	248	152	4.3	333	352	189	31.4	20.3	17.2	0.5	5.9	4.9	430	72	1.24	0.17	3.68	0.016	60000	9.5	0.0
6/25/23	67.24		7.24	0.00	74	74	7.0	6.1	0.5	2.4	58	264	3.4	22	178	158	31.4	19.6	16.6	2.0	5.5	4.7	387	70	0.55	0.00	5.01	0.016	60000	5.9	0.0
6/26/23	135.50		0.95	4.56	73	73	7.2	6.2	3.0	1.9	112	204	5.4	76	85	176	31.4	18.1	15.3	10.5	3.9	3.3	303	76		0.01	5.39	0.016	224	1.7	0.0
6/27/23	132.12			3.51	75	75	6.9	6.4	1.3	0.7	100	148	6.9	131	122	96	32.8	17.6	14.8	9.2	3.7	3.1	250	66	0.80	0.06	3.31	0.016	4240	2.9	0.0
6/28/23	114.18		4.18	0.00	74	74	7.0	6.3	2.9	0.1	126	54	6.3	171	143	44	33.9	17.8	14.8	2.3	4.1	3.4	284	68	0.80	0.11	2.79	0.016	1210	5.6	0.0
6/29/23	108.00	10	17.03	0.97	76	76	7.0	6.5	5.0	0.1	160	44	5.0	233	192	43	33.1	17.9	14.9	3.6	5.7	4.7	235	57	0.79	0.24	4.31	0.016	10	9.9 6.2	0.0
6/30/23	94.13	3 9	4.13	0.00	71	71	6.9	6.3	5.0	0.2	172	46	5.4	324	307	48	33.6	18.9	15.8	4.2	4.4	3.8	337	75	1.17	0.09	4.95	0.016	10	6.2	4.0
SUM	2492.12	2 243	19.11	53.03													991.7	42.5				4.5	397	76	30.79 1.03	6.21 0.21	3.71	0.016	2041	10.5	4.0
Average	83.07	7 8	31.30	5.30	73	73	6.8	6.2	6,5	1.5	251	164	4.2	413	33	162	33.1	17.0	14.4	1.7	5.2	4.5	381	70	1.03	0.21	0.71	3.010	2041	10.0	

SEWER CONNECTIONS

148540 TIMES 4 = 148537

594160 SEWER POPULATION

IND. WASTER POPULATION EQ

TSS

CUSTOMERS 405 FLOW 1100623 BOD

Authorized Agent

243468

MORRIS FORMAN WASTEWATER JEFFERSON COUNTY, KY Month of Jun-23

Average	Flow

c. ugu u	**			
	Primary		Secondary	
SETTLING TA	ANKS	Battery A	Battery B	Battery C
Average Flo	83.07	13.34	22.24	5.39
Tanks in Se	2.00	8.0	8.0	4.0
Surface Are	38500.00	69200.00	69200.00	34600.00
Volume (M	4.17	7.09	7.09	3.54
Weir Lengt	1430.00	2868.00	2868.00	1434.00
Avg. Weir (58091.38	4653.03	7753.74	3761.28
Avg. Settlir	2157.68	399.62	501.78	333.38
Avg. Deten	1.20	12.75	7.65	15.77

AERATION TANKS Battery A Battery B Battery C

Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	27.65	34.72	11.53
Avg. Detention Time (I	7.55	4.53	9.34

CHLORINE CONTACT CHAMBERS

Contact Ch 2.0 Volume (G: 2340000 Avg. Deten 2.10

Remarks: BY-PASS REPORTS (See Attached)



KPDES#	Facility ID	Water 0	Quality Treatm	ent Center	Recieving Stea	am of Discharge	Region								
KY0022411	MSD0278	MORRI	S FORMAN		OHIO RIVER		NA								
Facility Type	Facility ID	Facility	Address	If Pump Station	n, Name of Statio	on	Recieving St	ream	Discharge To						
Sewer Manhole	08935-SM	1001 BRECK	ENRIDGE LN	MORRIS FORM	IAN		MIDDLE FOR CREEK	K BEARGRASS	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	3669797		6/25/2023 11:00:00 PM	DAVIS BROWN		DOCUMENTED	11/29/2001 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 12:30 AM	MAIN				

Discharge Reporting:

Discharge Amount:	270 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	NO CONTROL ZONE WAS SET- PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Impact:	NONE OBSERVED OVERFLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTFIED THROUGH PERMANENT SIGNS POSTED ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,	
		SAYRE.DENNIS@EPAMAIL.EPA.GOV	



KPDES#	Facility ID	Water Q	Water Quality Treatment Center		Recieving Steam of Discharge		Region				
KY0022411	MSD0278	MORRIS	S FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Statio	n	Recieving St	ream	Discharge To		
Sewer Manhole	16649	1726 F	RASER DR	MORRIS FORM	AN		SOUTH FORI CREEK	K BEARGRASS	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	3669800		6/25/2023 10:15:00 PM	DAVIS BROWN		DOCUMENTED	1/24/2002 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 12:45 AM	MAIN

Discharge Reporting:

Discharge Amount:	2,450 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	NO CONTROL ZONE WAS SET- PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Impact:	NONE OBSERVED OVERFLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTFIED THROUGH PERMANENT SIGNS POSTED ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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KPDES#	Facility ID	Water C	Water Quality Treatment Center		Recieving Steam of Discharge		Region				
KY0022411	MSD0278	MORRIS	S FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Statio	n	Recieving St	ream	Discharge To		
Sewer Manhole	28249	3500 S DR	ST EDWARDS	MORRIS FORM	AN		CHENOWETI	H 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	3669789		6/26/2023 12:50:00 AM	DAVIS BROWN	BAILEY	DOCUMENTED	3/12/2006 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 05:23 AM	MAIN

Discharge Reporting:

Discharge Amount:	6,875 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3670030.
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.

6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/26/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES#	Facility ID	Water 0	Water Quality Treatment Center Recieving Ste		am of Discharge	Region					
KY0022411	MSD0278	MORRI	S FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Statio	on	Recieving St	ream	Discharge To		
Sewer Manhole	28250	3506 (PKY	CHARLANE	MORRIS FORM	AN		CHENOWETI	H 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	3665919		6/19/2023 9:10:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	1/3/2005 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/20/23 04:10 AM	MAIN

Discharge Reporting:

Discharge Amount:	21,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3665923.
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.

6/20/23 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@L SAYRE.DENNIS@EPAMAIL.EPA.GOV	DUISVILLEMSD.ORG,
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KPDES#	Facility ID	Water Qu	Water Quality Treatment Center		Recieving Steam of Discharge		Region				
KY0022411	MSD0278	MORRIS	FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility A	Address	If Pump Station	, Name of Statio	on	Recieving St	ream	Discharge To		
Sewer Manhole	28250	3506 CI PKY	HARLANE	MORRIS FORM	AN		CHENOWETI	H 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	3669788		6/26/2023 12:45:00 AM	DAVIS BROWN	BAILEY	DOCUMENTED	1/3/2005 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 05:24 AM	MAIN

Discharge Reporting:

Discharge Amount:	7,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3670029.
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.

6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/26/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES#	Facility ID	Water Qua	ality Treatmo	ent Center	Recieving Stea	m of Discharge	Region				
KY0022411	MSD0278	MORRIS F	FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility Ad	ddress	If Pump Station	, Name of Statio	n	Recieving Str	ream	Discharge To		
Sewer Manhole	28336	3620 CHA PKY	ARLANE	MORRIS FORM	AN		CHENOWETH	H 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	3669791		6/26/2023 1:00:00 AM	DAVIS BROWN	BAILEY	DOCUMENTED	8/30/2005 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 05:20 AM	MAIN

Discharge Reporting:

Discharge Amount:	13,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3670032.
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.

6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/26/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water C	Quality Treatm	ent Center	Recieving Stea	ım of Discharge	Region				
KY0022411	MSD0278	MORRIS	S FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Statio	n	Recieving St	ream	Discharge To		
Sewer Manhole	28340	3620 C PKY	CHARLANE	MORRIS FORM	AN		CHENOWETI	H 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	3665920		6/19/2023 9:15:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	1/3/2005 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/20/23 04:15 AM	MAIN

Discharge Reporting:

Discharge Amount:	21,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3665924.
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.

SAYRE.DENNIS@EPAMAIL.EPA.GOV	6/20/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,	
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KPDES#	Facility ID	Water Quality Trea	tment Center	Recieving Stea	am of Discharge	Region				
KY0022411	MSD0278	MORRIS FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility Address	If Pump Statio	n, Name of Statio	on	Recieving St	ream	Discharge To		
Sewer Manhole	28340	3620 CHARLANE PKY	MORRIS FORM	MAN		CHENOWET	H 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	3669790	6/26/202 12:55:00		N BAILEY	DOCUMENTED	1/3/2005 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 05:21 AM	MAIN

Discharge Reporting:

Discharge Amount:	13,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3670031.
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.

6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/26/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES#	Facility ID	Water Qual	ality Treatme	ent Center	Recieving Stea	m of Discharge	Region				
KY0022411	MSD0278	MORRIS FO	ORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility Add	ddress	If Pump Station	, Name of Statio	n	Recieving St	ream	Discharge To		
Sewer Manhole	28451	3406 CHA PKY	ARLANE	MORRIS FORM	AN		CHENOWETH	H RUN	GROUND		
Activity Code / Description	WO#	Ref # In	nitiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3669787	-	6/26/2023 12:40:00 AM	DAVIS BROWN	BAILEY	DOCUMENTED	10/28/2015 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 05:25 AM	MAIN

Discharge Reporting:

Discharge Amount:	7,125 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3670028.
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.

8	6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6	6/26/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES#	Facility ID	Water C	uality Treatm	ent Center	Recieving Stea	am of Discharge	Region				
KY0022411	MSD0278	MORRI	S FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Statio	on	Recieving St	ream	Discharge To		
Sewer Manhole	28452	3402 C PKY	HARLANE	MORRIS FORM	AN		CHENOWETH	H 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	3665918		6/19/2023 9:05:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	11/30/2019 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/20/23 04:05 AM	MAIN

Discharge Reporting:

Discharge Amount:	21,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3665922.
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.

SAYRE.DENNIS@EPAMAIL.EPA.GOV	6/20/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,	
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KPDES#	Facility ID	Water Qu	uality Treatme	ent Center	Recieving Stea	m of Discharge	Region				
KY0022411	MSD0278	MORRIS	FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility A	Address	If Pump Station	, Name of Statio	n	Recieving St	ream	Discharge To		
Sewer Manhole	28452	3402 CH PKY	HARLANE	MORRIS FORM	AN		CHENOWETH	H 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	3669786		6/26/2023 12:35:00 AM	DAVIS BROWN	BAILEY	DOCUMENTED	11/30/2019 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 06:00 AM	MAIN

Discharge Reporting:

Discharge Amount:	8,250 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3670027.
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.

6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/26/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES#	Facility ID	Water C	Quality Treatm	ent Center	Recieving Stea	m of Discharge	Region				
KY0022411	MSD0278	MORRI	S FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Statio	n	Recieving St	ream	Discharge To		
Sewer Manhole	28453	3402 C PKY	CHARLANE	MORRIS FORM	AN		CHENOWETI	H 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	3665917		6/19/2023 9:00:00 PM	DAVIS BROWN	BAILEY	DOCUMENTED	10/28/2015 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/20/23 04:00 AM	MAIN

Discharge Reporting:

Discharge Amount:	21,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3665921.
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.

SAYRE.DENNIS@EPAMAIL.EPA.GOV	6/20/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,	
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KPDES#	Facility ID	Water C	Quality Treatm	ent Center	Recieving Stea	am of Discharge	Region				
KY0022411	MSD0278	MORRIS	S FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Statio	n	Recieving St	ream	Discharge To		
Sewer Manhole	28453	3402 C PKY	CHARLANE	MORRIS FORM	AN		CHENOWETI	H 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	3669785		6/26/2023 12:30:00 AM	DAVIS BROWN	BAILEY	DOCUMENTED	10/28/2015 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 05:58 AM	MAIN

Discharge Reporting:

Discharge Amount:	33,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3670026.
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.

8	6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6	6/26/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES#	Facility ID	Water 0	Water Quality Treatment Center			am of Discharge	Region				
KY0022411	MSD0278	MORRI	MORRIS FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Station Red		Recieving Stream Discha		Discharge To		
Sewer Manhole	45796	1011 <i>A</i>	1011 ALTA CIR MORRIS FORM		AN		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	3669792		6/26/2023 1:15:00 AM	DAVIS BROWN	FIELDS	DOCUMENTED	5/10/2014 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 07:10 AM	MAIN

Discharge Reporting:

Discharge Amount:	114,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT REQUIRED. MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO FLOODING.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/26/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES#	Facility ID	Water 0	Water Quality Treatment Center			am of Discharge	Region				
KY0022411	MSD0278	MORRI	MORRIS FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility	Address	If Pump Statio	, Name of Station Red		Recieving Stream Discharge To		Discharge To		
Sewer Manhole	50314	1222 F	ROYAL AVE	E 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
DISREV:RAIN EVENT DISCHARGE	3670039		6/25/2023 5:00:00 PM	DODDS	GREGORY	QUEUED FOR INVESTIGATIO N / REPAIR	6/25/2023 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	07/05/23 08:36 AM	

Discharge Reporting:

Discharge Amount:	250,000 GAL
Cause:	LACK OF SYSTEM CAPACITY. PUMP AROUND IN PLACE FOR DOWNSTREAM REPAIR FLOATED OUT OF SEWER IN EXTREME STORM EVENT.
Clean Up:	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	TEMPORARY SIGNS HAVE BEEN POSTED.
Impact:	SEWAGE FOUND ON THE GROUND.
Repair:	PUMPAROUND RESET.
Public Notification:	ADVISED CUSTOMER ON SITE.

6/27/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/27/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES#	Facility ID	Water 0	Water Quality Treatment Center		Recieving Steam of Discharge F		Region					
KY0022411	MSD0278	MORRI	MORRIS FORMAN		OHIO RIVER	OHIO RIVER		NA				
Facility Type	Facility ID	Facility	Address	If Pump Statio	n, Name of Station		Recieving Stream Discha		Discharge To			
Sewer Manhole	CSO137-X	1258 F	ROYAL AVE	MORRIS FOR	MAN	AN		K BEARGRASS	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	3670040		6/25/2023 7:00:00 PM	DODDS	GREGORY	QUEUED FOR INVESTIGATIO N / REPAIR	6/25/2023 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	07/05/23 08:36 AM		

Discharge Reporting:

Discharge Amount:	250,000 GAL
Cause:	LACK OF SYSTEM CAPACITY. PUMPAROUND IN PLACE FOR DOWNSTREAM REPAIR FLOATED OUT OF SEWER IN EXTREME STORM EVENT.
Clean Up:	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	TEMPORARY SIGNS HAVE BEEN POSTED.
Impact:	SEWAGE FOUND ON THE GROUND.
Repair:	PUMPAROUND RESET.
Public Notification:	ADVISED CUSTOMER ON SITE.

6/27/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/27/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water C	Water Quality Treatment Center		Recieving Stea	am of Discharge	Region				
KY0022411	MSD0278	MORRI	MORRIS FORMAN		OHIO RIVER		NA				
Facility Type	Facility ID	Facility	acility Address If Pump Station, I		, Name of Station R		Recieving Stream Discharg		Discharge To		
Sewer Manhole	IS021A-SI	1201 C	OLD MORRIS FORMAI DNS LN		AN		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	3669799		6/25/2023 10:45:00 PM	DAVIS BROWN	1	DOCUMENTED	8/1/1969 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 04:00 AM	MAIN

Discharge Reporting:

Discharge Amount:	104,460 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	NO CONTROL ZONE WAS SET- PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Impact:	NONE OBSERVED OVERFLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTFIED THROUGH PERMANENT SIGNS POSTED ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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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 Lift Station	MSD0193-PS	6001 F	RODES CT	MORRIS FORMAN			MUDDY 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	3669820		6/25/2023 7:00:00 PM	SMITHER	MULLINS	REPAIRED - ISSUE RESOLVED	6/25/2023 12:00:00 AM	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	06/26/23 12:10 AM	

Discharge Reporting:

Discharge Amount:	100 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT (WATER INTRUSION INTRRO PANEL CAUSING CIRCUIT FAILURE).
Clean Up:	AREA DISINFECTED WITH LIME.
Control Zone:	OVERFLOW CONTAINED ON MSD PROPERTY.
Impact:	SEWAGE FOUND ON THE GROUND.
Repair:	REPAIRED THE ELECTRICAL CIRCUIT.
Public Notification:	ADVISED ALL POSSIBLE IMPACTED PROPERTIES IN THE SURROUNDING AREA IN PERSON.

6/26/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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