

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

April 19, 2022

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, 2022, are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet permit for 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. Additionally, an Emergency Design Build Project for new solids handling equipment will be installed and in service in Early 2022 at Morris Forman.

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

Sincerely,

James Skinner

Treatment Facilities Manager

DMR C	copy of Record																	
Permit																		
Permit #:	H	(Y0022411		Permittee:		I	Norris For	rman WQTC MSD		Fa	cility:			MORRIS FOR	MAN WQTC	MSE	)	
Major:	`	es es		Permittee A	ddress:		'00 W Lib ouisville,	perty St KY 40203		Fa	cility Loc	cation:		4522 ALGONO LOUISVILLE,		•		
Permitted		001 External Outfall		Discharge:			<b>01-1</b> //UNICIP/	AL DISCHARGE										
Report D	ates & Status									1								
		From 03/01/22 to 03/31/22		DMR Due Da	ate:		4/28/22			St	atus:			NetDMR Valid	dated			
	rations for Form Completion	ITA EINALEEFILIENT B	0	4.6		(14								F 1 14		.11	· NODL of all of	
needed.		IT1 - FINAL EFFLUENT - Parameter 74055 - Us	se Seas	on 1 for sumn	ner montns	(May, June, July, Al	igust, Sep	ptember, and October,	and Season 2 fo	or winter mo	ontns (Nov	ember, Decen	iber, Janua	ary, February Ma	rcn, and Apr	'ii); en	ter NODI=9 for the S	season not
	Executive Officer			1														
First Nam		ames A		Title:		l	xecutive	Director		Те	elephone:			502-540-6000				
Last Nam		Parrott																
	Indicator (NODI)																	
Form NO	Parameter	Monitoring Location	Seaso	on #Param. NOD	)i		Quantity	or Loading				Quality or Con	centration			# of E	Ex. Frequency of Analys	sis Sample Type
Code	Name					Qualifier 1 Value 1		ifier 2 Value 2	Units Qualifier		Qualifier		Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample Permit Req. Value NODI				>=	2.0 2.0 INST MIN	N				19 - mg/L 19 - mg/L	0	01/01 - Daily 01/01 - Daily	GR - GRAB GR - GRAB
					Sample	= 78423.0	=	85425.0	26 - lb/d		=	103.0	=	105.0	19 - mg/L		01/01 - Daily	CP - COMPOS
<b>X</b> 00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	e 0		Permit Req.	Req Mon MC	AVG	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 - COMPOS
					Sample	= 259638.0	=	269681.0	26 - lb/d		=	341.0	=	370.0	19 - mg/L		01/01 - Daily	CP - COMPOS
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Permit Req.	Req Mon MC	AVG	Req Mon MX WK AV				Req Mon MO AV		Req Mon MX WK A		0	01/01 - Daily	CP - COMPOS
					Sample				=	6.1				6.7	12 - SU		01/01 - Daily	GR - GRAB
00400	pH	1 - Effluent Gross	0		Permit Req.				>=	6.0 MINIMUN	М		<=	9.0 MAXIMUM	12 - SU	0	01/01 - Daily	GR - GRAB
					Sample	= 164136.0	=		26 - lb/d		=	217.0		248.0	19 - mg/L		01/01 - Daily	CP - COMPOS
<b>X</b> 00530	Solids, total suspended	E - Secondary/Biological Process Complete	e 0		Permit Req. Value NODI	Req Mon MC	AVG	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 - COMPOS
					Sample	= 219133.0	=		26 - lb/d		=	282.0		311.0	19 - mg/L		01/01 - Daily	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0		Permit Req. Value NODI	Req Mon MC	AVG	Req Mon MX WK AV	/26 - lb/d			Req Mon MO AV	G	Req Mon MX WK A	V 19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Sample	= 4873.0	=		26 - lb/d		=	6.6		8.3	19 - mg/L		01/01 - Daily	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	e 0		Permit Req. Value NODI	Req Mon MC	AVG	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 - COMPOS
					Sample		=		26 - lb/d		=	11.8		15.3	19 - mg/L		01/01 - Daily	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0		Permit Req. Value NODI	Req Mon MC	AVG	Req Mon MX WK AV	'26 - lb/d			Req Mon MO AV	G	Req Mon MX WK A	V 19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Sample	= 92.49	=	114.16	03 - MGD								99/99 - Continuous	CN - CONTIN
50050	Flow, in conduit or thru treatmen	t plant E - Secondary/Biological Process Complete	e 0		Permit Req. Value NODI	Req Mon MC	AVG	Req Mon DAILY MX	03 - MGD							0	99/99 - Continuous	CN - CONTIN
					Sample									0.016	19 - mg/L		01/01 - Daily	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0		Permit Req. Value NODI								<=	0.019 DAILY MX	19 - mg/L	0	01/01 - Daily	GR - GRAB
					Sample						=	572.0		1260.0	13 - #/100mL		01/01 - Daily	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	2		Permit Req.						<=	1000.0 30DA GE	O<=	2000.0 7 DA GEO	13 - #/100mL	0	01/01 - Daily	GR - GRAB

Sample

Permit Req.

Value NODI Sample

Permit Req.

0

K - Percent Removal

K - Percent Removal

X 81010 BOD, 5-day, percent removal

X 81011 Solids, suspended percent removal

70.0

23.0

85.0 MO MIN

85.0 MO MIN

23 - %

23 - %

23 - %

23 - %

CA - CALCTD

CA - CALCTD

CA - CALCTD

CA - CALCTD

01/30 - Monthly

01/30 - Monthly

01/30 - Monthly

01/30 - Monthly

# 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	Tuno	Description	Aaknawladga
Code	Name	Monitoring Location	rieiu	Type	Description	Acknowledge
81011	Solids, suspended percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
81010	BOD, 5-day, percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
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	Туре	Size
MFWQTCnetDMRMOR.pdf	pdf	124689.0
MFWQTCnetDMRCoverLetter.pdf	pdf	43987.0
03_March_Discharge_Morris_Forman_Area_FIN.pdf	pdf	137324.0

# Report Last Saved By

Morris Forman WQTC MSD

User: AJOP1117
Name: Amber Pauly

E-Mail: amber.pauly@louisvillemsd.org

Date/Time: 2022-04-19 14:02 (Time Zone: -04:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org

Date/Time: 2022-04-20 07:40 (Time Zone: -04:00)

# **DMR Copy of Record**

Permit

KY0022411 Permit #:

Morris Forman WQTC MSD Permittee:

Major: Yes Permittee Address: 700 W Liberty St Louisville, KY 40203 **Facility Location:** 

Facility:

Status:

MORRIS FORMAN WQTC MSD

External Outfall

**Permitted Feature:** 001 Discharge: 001-Y

**DMR Due Date:** 

4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status

**Monitoring Period:** From 01/01/22 to 03/31/22 BIOMONITORING/ONCE PER QUARTER

**Considerations for Form Completion** 

04/28/22

**NetDMR Validated** 

Principal Executive Officer

First Name: James A

Last Name: Parrott Title: **Executive Director**  Telephone: 502-540-6000

No Data Indicator (NODI)

Form NODI:

	Parameter	<b>Monitoring Location</b>	Season #	Param. NODI			Quantity or	r Loading				Quality or Co	ncentration			of Ex.	. Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1 Qua	alifier 2 Valu	ue 2 Units Qualifier	r 1 Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
					Sample					-		370.0		370.0	19 - mg/L		,	CP - COMPOS
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 - COMPOS
					Value NODI													
					Sample						<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01025	Cadmium, dissolved [as Cd]	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	CP - COMPOS
	,				Value NODI													
					Sample						<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01040	Copper, dissolved [as Cu]	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01010	copper, alcoured [ac ca]	1 Emdon Oroso			Value NODI													
					Sample					-	=	0.075	=	0.075	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01049	Lead, dissolved [as Pb]	1 - Effluent Gross	0		Permit Req.							Reg Mon MO AVG	i	Reg Mon DAILY MX			,	CP - COMPOS
01043	Lead, dissolved [as Fb]	1 - Ellidelit Gloss	U		Value NODI													
					Sample					-	=	0.06	=	0.06	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01090	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 - COMPOS
01000	zino, dissolved [ds zin]	1 Emacin Gross			Value NODI													
					Sample					-	=	0.06	=	0.06	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01094	Zinc, total recoverable	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01001	Zino, total 1000 totalio	1 Emdon Oroso			Value NODI													
					Sample						<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01113	Cadmium, total recoverable	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	CP - COMPOS
					Value NODI													
					Sample					-	=	0.124	=	0.124	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01114	Lead, total recoverable	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	CP - COMPOS
• • • • • • • • • • • • • • • • • • • •	Loud, total rocoverable	maon oroso			Value NODI													
					Sample						<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01119	Copper, total recoverable	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVG	ì	Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	CP - COMPOS
51110	eapper, total loos of all lo	. Lindon Cross			Value NODI													
					Sample								<	1.0	2F - tox acute		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		01/90 - Quarterly	G2 - GRAB-2
3.100	The state of the s	22511 01000			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: 2022-04-19 13:47 (Time Zone: -04:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org

Date/Time: 2022-04-20 08:00 (Time Zone: -04:00)

# **DMR Copy of Record**

Permit

Permit #: KY0022411

Major: Yes

Permittee: Morris Forman WQTC MSD

Permittee Address: 700 W Liberty St Louisville, KY 40203

rty St Facility Location:

MORRIS FORMAN WQTC MSD

4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

**Permitted Feature:** 

001 External Outfall

Parrott

Discharge: 001-B SECONDARY BYPASS

Report Dates & Status

Monitoring Period: From 03/01/22 to 03/31/22 DMR Due Date: 04/28/22 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.

Title:

**Principal Executive Officer** 

First Name: James A

Executive Director

Telephone:

Facility:

502-540-6000

Last Name:
No Data Indicator (NODI)

Form NODI:

Form r																		
	Parameter	Monitoring Location	Season	# Param. NODI				antity or Load				Quality or Cor				# 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			
					Sample						=	175.0		205.0	19 - mg/L		06/30 - Six Per Month	CP - COMPOS
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.							Req Mon MO AV	G	Req Mon MX WK A	√ 19 - mg/L	0	WH/DS - When Discharging	CP - COMPOS
00010	202, 6 day, 20 dog. 6	1 Emdon Grood			Value NODI													
					Sample						=	201.0		222.0	19 - mg/L			CP - COMPOS
00310	BOD, 5-day, 20 deg. C	F - Primary/Prelimary Process Complete	0		Permit Req.							Req Mon MO AV	G	Req Mon MX WK A	√ 19 - mg/L	0	WH/DS - When Discharging	CP - COMPOS
	, , , , , , , , , , , , , , , , , , ,				Value NODI													
					Sample						=	303.0	=	440.0	19 - mg/L		06/30 - Six Per Month	CP - COMPOS
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.							Req Mon MO AV	G	Req Mon MX WK A	V 19 - mg/L	0	WH/DS - When Discharging	CP - COMPOS
00000	Conds, total suspended	1 Ellident Gloss			Value NODI													
					Sample						=	154.0	=	183.0	19 - mg/L		06/30 - Six Per Month	CP - COMPOS
					Permit Reg.							Reg Mon MO AV		Req Mon MX WK A			WH/DS - When Discharging	
00530	Solids, total suspended	F - Primary/Prelimary Process Complete	0	<del></del>								req won we have	J	red mon my mix	7 13 Hig/L	0	WII/DO WIICH Discharging	g or cown co
					Value NODI													
					Sample						=	5.3	=	6.7	19 - mg/L		06/30 - Six Per Month	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.							Req Mon MO AV	G	Req Mon MX WK A	V 19 - mg/L	0	WH/DS - When Discharging	CP - COMPOS
00010	Mitrogen, animonia total [as N]	1 - Emderit 01033	0		Value NODI											U		
					Sample						=	10.3		11.4	19 - mg/L			CP - COMPOS
00610	Nitrogen, ammonia total [as N]	F - Primary/Prelimary Process Complete	0		Permit Req.							Req Mon MO AV	G	Req Mon MX WK A	√ 19 - mg/L	0	WH/DS - When Discharging	CP - COMPOS
	-				Value NODI													
					Sample	= 18	3.9	= 3	6.7	03 - MGD							06/30 - Six Per Month	CN - CONTIN
50050	Flow, in conduit or thru treatment plant	F - Primary/Prelimary Process Complete	0		Permit Req.	R	eq Mon MO AVO	i F	Req Mon MX WK AV	/ 03 - MGD						0	WH/DS - When Discharging	CN - CONTIN
30030	riow, in conduit or thru treatment plant	1 - 1 minary/1 remmary F10cess Complete	0		Value NODI											U		
					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: 2022-04-19 13:52 (Time Zone: -04:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org

Date/Time: 2022-04-20 07:54 (Time Zone: -04:00)

# Format: Month/Day/Year

Enter Start Date:

3/1/22

MORRIS FORMAN WATER QUALITY TREATMENT CENTER KPDES PERMIT NO. KY0022411

PLANT CAPACITY =

JEFFERSON COUNTY, KENTUCKY

RECEIVING STREAM-OHIO RIVER

120 MGD

MONTH OF

March-22

			Г	TEMP		l pH		SETS		TSS		D.O.		5-DAY BOD	1								-							
	WASTE	WATER FLO	ws	(DEGF)		PIT		(M/L)		(mg/L)		(mg/L)		(mg/L)										ACTIVE		CH	LORINATION	N	FINAL	
		lion Gallons)		(DEOI)				V/									RETURN S	SLUDGE		AEF	RATION BASIN			Sludge	Primary	Chlorine		Fecal	EFFLUEN	т
	Final Se													prim.		FLOW	TSS	TVSS	DO	MLSS	MLVSS	SET	SVI	Wasted	Sludge	Dosage	Resid	Coliform	NH3-N	Pump.
DATE			Sypass r	aw	final	raw f	final	raw f	nal ra	w fi	nal	final	raw	final	final	MG	g/L	g/L		g/L	g/L			MG	MG	KLBS	mg/L	#/100 ml	mg/L	Hours
3/1/22	104.67	104.67	0.00	57	57	6.9	6.7	10.0	0.3	231	107	5.4	285	187	80	23.6	20.6	17.7	6.8	3.6	3.1	239	66	0.80	0.63	2.70	0.016	840	6.8	24.0 24.0
3/2/22	95.50	95.50	0.00	59	59	6.9	6.5	10.0	0.4	328	103	6.0		210	88	23.9	17.5	15.2	3.1	3.8	3.4	241	63	0.56	0.52	2.69	0.016	224 420	6.1 4.6	24.0
3/3/22	92.05	92.05	0.00	58	58	7.4	6.5	11.0	0.3	284	72	4.7	420	270	54	23.0	18.9	16.3	2.5	5.0	4.3	261	53 60	0.49	0.53 0.22	3.53 3.53	0.016	740	3.5	24.0
3/4/22	80.98	80.98	0.00	58	58	6.9	6.2	12.5	0.3	285	55	5.1	439	332	123	23.4	18.9	16.9	1.5	4.5	4.0	272	53	0.31	0.22	3.15	0.016	1050	1.9	24.0
3/5/22	73.29	73.29	0.00	58	58	6.8	6.2	13.1	0.3	270	43	4.7	508	383	105	23.8	19.8	17.7	1.1	6.1	5.4 4.3	323 400	84	0.00	0.10	3.15	0.016	38800	2.1	24.0
3/6/22	99.02	91.30	7.72	62	62	7.3	6.1	16.0	2.0	320	234	4.5	318	241	243	24.6 24.7	20.2	17.8 17.2	2.4 12.8	4.8 3.6	3.1	272	76	0.13	0.39	3.87	0.016	1170	4.3	24.0
3/7/22	200.67	135.07	65.60	59	59	7.2	6.4	5.0	7.0	200	317	2.0	110	139	165	24.7	19.7 17.4	14.9	12.8	2.8	2.4	194	69	0.48	0.38	3.36	0.016	1440	4.4	24.0
3/8/22	156.79	135.88	20.91	56	56	7.5	6.3	5.0	2.5	148	180	4.0	210	199	119 72	24.3	19.2	16.6	8.6	3.4	2.4	213	63	0.52	0.31	3.36	0.016	3900	4.1	24.0
3/9/22	118.37	117.90	0.47	58	58	6.8	6.4	15.0	0.4	182	135	5.4	252	154	66	24.5	19.3	16.7	6.4	3.8	3.4	270	71	0.42	0.31	2.99	0.016	800	4.3	24.0
3/10/22	102.40	102.40	0.00	59	59	7.0	6.3	9.5	0.3	198 218	104 100	6.1 6.9	242 245	190 151	59	25.5	16.8	14.6	13.5	3.5	3.3	262	74	0.27	0.26	3.58	0.016	200	2.9	24.0
3/11/22	100.90	100.90	0.00	58	58	7.1	6.4	13.0	0.2		204	6.8	245	197	105	26.4	16.6	14.1	9.8	5.1	4.3	409	82	0.00	0.04	3.58	0.016	680	1.8	24.0
3/12/22	88.90	88.90	0.00	56	56	7.2	6.2	8.5 7.0	2.5 7.0	322 197	277	5.4	248	200	108	26.3	17.5	15.0	12.8	5.4	4.6	433	86	0.03	0.04	1.85	0.016	20600	2.6	25.4
3/13/22	88.63	88.63	0.00	59	59	7.5	6.3	12.0	0.2	289	142	5.9	331	187	78	25.2	14.9	13.0	10.4	6.5	5.7	350	61	0.60	0.46	1.85	0.016	400	6.9	47.0
3/14/22	164.50	164.50	0.00	59	59 61	7.0	6.4 6.4	12.0	0.2	284	92	5.5	315	206	67	25.7	15.9	13.9	8.4	4.1	3.6	358	88	0.43	0.49	2.50	0.016	112	8.7	24.0
3/15/22	88.87	88.87	0.00	61	62	7.1 6.9	6.4	11.0	0.4	287	140	6.0	311	198	82	26.3	15.4	13.8	6.0	3.8	3.4	357	93	0.35	0.46	3.08	0.016	339	8.0	24.0
3/16/22	88.03	88.03	0.00	62 62	62	7.0	6.4	11.0	0.2	328	192	4.3	400	257	120	27.2	15.7	13.8	1.5	5.8	5.2	389	66	0.47	0.44	3.76	0.016	20	12.7	24.0
3/17/22	86.53	86.53	0.00		61	6.9	6.5	12.0	0.2	306	218	3.1	390	238	127	27.4	16.1	14.3	2.1	5.1	4.5	356	70	0.25	0.26	3.78	0.016	188	9.7	24.0
3/18/22	84.07	84.07	0.00 9.47	61 60	60	6.7	6.2	13.0	11.5	296	440	2.7	318	222	205	27.2	17.1	60.3	2.7	4.7	4.1	316	69	0.00	0.06	4.84	0.016	1650	6.7	17.9
3/19/22	112.79	103.32	0.00	60	60	7.2	6.2	9.0	1.5	230	202	3.8	387	260	116	26.9	16.1	14.1	4.0	5.3	4.7	356	67	0.19	0.11	4.84	0.016	500	2.5	0.0
3/20/22 3/21/22	79.28	79.28 75.99	0.00	61	61	6.9	6.3	13.0	3.5	303	249	6.0	360	209	180	26.6	16.8	14.8	2.0	4.5	4.0	394	87	0.48	0.52	3.01	0.016	960	7.7	0.0
3/22/22	75.99 80.53	80.53	0.00	61	61	7.1	6.3	15.0	0.3	333	87	6.1	338	198	55	26.0	16.0	14.2	4.6	4.3	3.8	386	90	0.57	0.47	3.34	0.016	271	7.7	0.0
3/23/22	94.63	94.63	0.00	60	60	6.7	6.4	13.0	4.0	312	246	5.5	356	243	134	26.7	16.7	14.7	3.6	4.1	3.6	334	81	0.31	0.21	3.34	0.016	371	9.5	0.0
3/24/22	78.51	78.51	0.00	60	60	6.9	6.6	12.0	0.3	340	162	5.6	422	236	95	26.1	15.7	13.5	2.0	4.3	3.7	412	96	0.33	0.29	3.57	0.016	259	9.3	0.0
3/25/22	76.85	76.85	0.00	60	60	6.9	6.3	13.0	1.0	290	208	6.3	441	277	147	26.6	16.7	14.8	1.7	4.2	3.8	407	95	0.34	0.27	4.01	0.016	116	11.1	0.0
3/26/22	76.96	76.96	0.00	60	60	7.1	6.4	14.0	4.5	305	300	6.9	354	263	145	27.1	15.8	14.0	1.7	3.8	3.3	501	148	0.00	0.07	4.01	0.016	500	8.1	0.0
3/27/22	66.93	66.93	0.00	56	56	6.9	6.3	10.0	7.0	268	300	4.5	357	254	127	26.9	16.2	14.2	3.2	4.7	4.1	476	100	0.13	0.09	2.80	0.016	294	3.9	0.0
3/28/22	68.40	68.40	0.00	63	63	7.1	6.2	15.0	8.0	328	296	5.3	323	258	152	25.9	15.5	13.6	5.2	4.6	4.1	442	94	0.33	0.36	3.18	0.016	96	7.4	0.0
3/29/22	70.74	70.74	0.00	58	58	7.1	6.2	13.0	36.0	340	687	4.4	415	430	280	25.2	15.2	13.4	4.5	4.8	4.2	442	89	0.53	0.54	3.30	0.016	540 4300	14.4 17.1	0.0 0.4
3/30/22	73.79	73.79	0.00	61	61	6.7	6.2	15.0	10.0	360	394	6.1	532	400	206	24.7	15.8	13.9	1.7	4.6	4.1	387	83	0.51	0.41	3.30 4.97	0.016 0.016	196	9.9	0.4
3/31/22	110.97	101.94	9.03	62	62	7.2	6.2	15.0	20.0	347	513	5.3	376	250	244	24.5	17.8	15.4	3.9	4.1	3.6	291	72	0.37	0.49		0.016	190	5.5	450.0
Sum	2980.54	2867.34	113.20													790.6	531.6	510.4	162.7	138.8	122.1	10743	2449	10.63	9.83	105.54 3.40	0.016	572	6.8	450.0
Average	96.15	92.49	18.87	60	60	7.0	6.3	11.7	4.3	282	219	5.2	341	24	0 127	25.5	17,1	16.5	5.2	4.5	3.9	347	79	0.34	0.32	3.40	0.016	312	0.0	

SEWER CONNECTIONS

148409 TIMES 4 =

593636 SEWER POPULATION

IND. WASTER POPULATION EQ

CUSTOMERS

FLOW

322044 6923 BOD 481548 TSS

Author ized Agent Certification No. 29841

# MORRIS FORMAN WASTEWATER T JEFFERSON COUNTY, KY

Month of	Mar-22
----------	--------

Average Flow

	Primary		Secondary	
SETTLING TA	ANKS	Battery A	Battery B	Battery C
Average Flo	#VALUE!	30.10	26.01	8.48
Tanks in S∈	4.00	5.0	8.0	3.0
Surface Are	77000.00	43224.05	69162.64	25950.00
Volume (M	8.33	4.43	7.08	2.66
Weir Lengt	2860.00	1791.42	2866.45	1075.50
Avg. Weir (	#VALUE!	16803.35	9074.93	7886.98
Avg. Settlir	#VALUE!	928.87	533.65	505.16
Avg. Deten	#VALUE!	3.53	6.54	7.52

		TIO.			_
٩	EKA	TIOI	N I	ANK	5

Battery A Battery B Battery (	
-------------------------------	--

Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	40.15	36.91	13.11
Avg. Detention Time (H	3.35	3.88	5.94

# CHLORINE CONTACT CHAMBERS

Contact Ch 2.0 Volume (G 2340000 Avg. Deten 0.93

Remarks: BY-PASS REPORTS (See Attached)



KPDES #

KY0022411	ID MSD0278	MORRIS FORMAN	iomeni oeniei – Rec	cerving officially	or redding denter	NA
Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pum	•	Receiving Stream	Discharge to
SMHSewer Manhole	08935-SM	1001 BRECKENRIDGE LN	MORRIS FORMAN	Ŋ	MIDDLE FORK BEARGRASS	STREAM

Activity Code / Description WO # Ref No **Initiated** Initiated By **Disch Status Event Date Problem** Result Completed **Condition** Assigned To : DISREV: RAIN EVENT LACK OF UNAUTHORIZED 3480766 03/07/2022 DAVIS BROWNMITCHELL **DOCUMENTE** 11/29/2001 03/07/22 04:30 DISCHARGE D **SYSTEM** 

Water Quality Treatement Center

DISCHARGE-PM

Receiving Stream of Treatment Center

MAIN

Region

## Discharge Reporting:

Facility

Discharge Amount:	500,000 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 OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES # Facility Water Quality Treatement 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 27008 1044 ALTA VISTA RD MORRIS FORMAN MIDDLE FORK BEARGRASS GROUND

Activity Code / Description WO # Ref No Initiated By **Assigned To Disch Status Event Date Problem** Completed Condition **Initiated** Result DOCUMENTE 03/07/22 04:20 : DISREV: RAIN EVENT 3480749 03/07/2022 DAVIS BROWNMITCHELL 07/01/2003 LACK OF **UNAUTHORIZED** 

DISCHARGE D SYSTEM DISCHARGE- PM

Discharge Reporting:

Distriarge Reporting.	
Discharge Amount:	42,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481034.
Control Zone:	BARRICADE AND TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



**Facility Water Quality Treatement Center Receiving Stream of Treatment Center** KPDES# Region

MSD0278 MORRIS FORMAN NA KY0022411

**Facility Type** Facility ID If Pump Station, Name of Pump Station: **Receiving Stream Facility Address** Discharge to SMHSewer Manhole 27012 2408 GRAY FOX RD MORRIS FORMAN MIDDLE FORK BEARGRASS **STREAM** 

Activity Code / Description WO # Ref No Initiated By **Assigned To Disch Status Event Date Problem** Completed Condition **Initiated** Result DOCUMENTE 03/07/22 04:20 : DISREV: RAIN EVENT 3480747 03/07/2022 DAVIS BROWNMITCHELL 03/09/2019 LACK OF **UNAUTHORIZED** DISCHARGE D SYSTEM DISCHARGE-PM

Discharge Reporting:

Discharge Reporting.	
Discharge Amount:	31,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	CLEAN UP NOT REQUIRED, NO VISABLE SIGNS OF DEBRIS ON OR AROUND MANHOLE.
Control Zone:	TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



**KPDES# Facility Water Quality Treatement Center Receiving Stream of Treatment Center** Region

MSD0278 MORRIS FORMAN NA KY0022411

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 # Problem LACK OF Result UNAUTHORIZED Completed 03/08/22 08:18 Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Condition : DISREV: RAIN EVENT 3480513 03/07/2022 DAVIS BROWNMITCHELL DOCUMENTE 03/12/2006 DISCHARGE D SYSTEM DISCHARGE-AM MAIN

# Discharge Reporting:

Discharge Amount:	14,140 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481031.
Control Zone:	BARRICADES AND TEMPORARY SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



**Facility Water Quality Treatement Center Receiving Stream of Treatment Center** KPDES# Region

MSD0278 MORRIS FORMAN NA KY0022411

**Facility Type** Facility ID **Facility Address** If Pump Station, Name of Pump Station: **Receiving Stream** Discharge to DITCH SMHSewer Manhole 28250 3506 CHARLANE PKY MORRIS FORMAN CHENOWETH RUN

Problem LACK OF **Activity Code / Description** WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Result Completed Condition : DISREV: RAIN EVENT 3480512 03/07/2022 DAVIS BROWNMITCHELL **DOCUMENTE** 01/03/2005 UNAUTHORIZED 03/08/22 08:15 DISCHARGE D SYSTEM DISCHARGE-AM

## Discharge Reporting:

Discharge Amount:	2,832 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481029.
Control Zone:	BARRICADES AND TEMPORARY SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES # Facility Water Quality Treatement 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	28336	3620 CHARLANE PKY	MORRIS FORMAN	CHENOWETH RUN	DITCH

Activity Code / Description WO # Problem LACK OF Result UNAUTHORIZED Completed 03/08/22 08:23 Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Condition : DISREV: RAIN EVENT 3480620 03/07/2022 DAVIS BROWNMITCHELL DOCUMENTE 08/30/2005 DISCHARGE D SYSTEM DISCHARGE-AM MAIN

Discharge Reporting:

Discharge Reporting.	
Discharge Amount:	1,412 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481033.
Control Zone:	BARRICADES AND TEMPORARY SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES # Facility Water Quality Treatement 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 28340 3620 CHARLANE PKY MORRIS FORMAN CHENOWETH RUN GROUND

Problem LACK OF Activity Code / Description WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Result Completed Condition 03/08/22 08:20 : DISREV: RAIN EVENT 3480516 03/07/2022 DAVIS BROWNMITCHELL **DOCUMENTE** 01/03/2005 UNAUTHORIZED DISCHARGE D SYSTEM DISCHARGE-AM MAIN

#### Discharge Reporting:

Discharge Reporting.	
Discharge Amount:	70,650 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481032.
Control Zone:	BARRICADES AND TEMPORARY SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region ID

**KY0022411** MSD0278 MORRIS FORMAN NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to SMHSewer Manhole 28414 3322 DELL RD MORRIS FORMAN CHENOWETH RUN GROUND

Problem LACK OF **Activity Code / Description** WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Result Completed Condition 03/08/22 08:00 : DISREV: RAIN EVENT 3480497 03/07/2022 DAVIS BROWNMITCHELL DOCUMENTE 01/03/2005 UNAUTHORIZED DISCHARGE D SYSTEM DISCHARGE-AM

MAIN

## Discharge Reporting:

Discharge Amount:	35,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481025.
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND IMPACTED ARED.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES # Facility Water Quality Treatement 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 28415 3406 DELL RD MORRIS FORMAN CHENOWETH RUN GROUND

Problem LACK OF Result **Activity Code / Description** WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Completed Condition 03/08/22 08:04 : DISREV: RAIN EVENT 3480506 03/07/2022 DAVIS BROWNMITCHELL DOCUMENTE 12/19/2002 UNAUTHORIZED DISCHARGE D SYSTEM DISCHARGE-AM

## Discharge Reporting:

Discharge Amount:	710,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481026.
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

#### Notifications:

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

4/15/2022 Page 9 of 16 11:38:34 AM



KPDES # Facility Water Quality Treatement 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 28452 3402 CHARLANE PKY MORRIS FORMAN CHENOWETH RUN DITCH

Problem LACK OF Activity Code / Description WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Result Completed Condition DOCUMENTE 03/08/22 08:09 : DISREV: RAIN EVENT 3480511 03/07/2022 DAVIS BROWNMITCHELL 11/30/2019 UNAUTHORIZED DISCHARGE D SYSTEM DISCHARGE-AM

Discharge Reporting

Discharge Reporting.	
Discharge Amount:	4,239 GAL
Cause:	LACK OF SYSTEM CAPACITYHEAVY RAIN.
Clean Up:	WO#3481028.
Control Zone:	BARRICADES AND TEMPORARY SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

**KY0022411** MSD0278 MORRIS FORMAN NA

Facility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSMHSewer Manhole284533402 CHARLANE PKYMORRIS FORMANCHENOWETH RUNDITCH

Problem LACK OF Activity Code / Description WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Result Completed Condition DOCUMENTE 03/08/22 08:06 : DISREV: RAIN EVENT 3480509 03/07/2022 DAVIS BROWNMITCHELL 10/28/2015 UNAUTHORIZED DISCHARGE D SYSTEM DISCHARGE-AM

......

#### Discharge Reporting:

141,300 GAL
LACK OF SYSTEM CAPACITY HEAVY RAIN.
WO#3481027.
BARRICADES, CAUTION TAPE, STAKES, AND TEMP SIGNS PLACED AROUND THE IMPACTED AREA.
MANHOLE DISCHARGING.
LOCATION INCLUDED IN IOAP.
PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES # Facility Water Quality Treatement 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 40559 1012 ALTA CIR MORRIS FORMAN MIDDLE FORK BEARGRASS STREAM

**Activity Code / Description** WO # Ref No Initiated By **Disch Status Event Date** <u>Problem</u> Completed **Condition Initiated Assigned To** Result DOCUMENTE 03/07/22 04:35 : DISREV: RAIN EVENT 3480751 03/07/2022 DAVIS BROWNMITCHELL 01/26/2012 LACK OF **UNAUTHORIZED** DISCHARGE D SYSTEM DISCHARGE-PM

.......

Discharge Reporting:

Discharge Reporting.	
Discharge Amount:	21,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481036.
Control Zone:	BARRICADE AND TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES # Facility Water Quality Treatement 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 45796 1011 ALTA CIR MORRIS FORMAN MIDDLE FORK BEARGRASS DITCH

Activity Code / Description WO # Ref No Initiated By **Disch Status Event Date** <u>Problem</u> Completed Condition **Initiated Assigned To** Result 3480750 DOCUMENTE 03/07/22 04:30 : DISREV: RAIN EVENT 03/07/2022 DAVIS BROWNMITCHELL 05/10/2014 LACK OF **UNAUTHORIZED** 

D DISCHARGE D SYSTEM DISCHARGE- PM

Discharge Reporting:

Disting Reporting.	
Discharge Amount:	112,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481035.
Control Zone:	BARRICADE AND TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



**Facility Water Quality Treatement Center Receiving Stream of Treatment Center** KPDES# Region

MSD0278 MORRIS FORMAN NA KY0022411

**Facility Type** Facility ID If Pump Station, Name of Pump Station: **Receiving Stream Facility Address** Discharge to SMHSewer Manhole 47582 201 BULLITT LN MORRIS FORMAN MIDDLE FORK BEARGRASS **STREAM** 

**Activity Code / Description** WO # Ref No Initiated By **Assigned To Disch Status Event Date** <u>Problem</u> Completed **Condition Initiated** Result DOCUMENTE : DISREV: RAIN EVENT 3480754 03/07/2022 DAVIS BROWNMITCHELL 12/05/2011 LACK OF **UNAUTHORIZED** 03/07/22 05:00 DISCHARGE D SYSTEM DISCHARGE-PM

Discharge Reporting:

Disting troporting.	
Discharge Amount:	31,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481038.
Control Zone:	TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES # Facility Water Quality Treatement 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 47583 202 OXMOOR LN MORRIS FORMAN MIDDLE FORK BEARGRASS STREAM

Problem LACK OF **Activity Code / Description** WO # Ref No Initiated By **Assigned To Disch Status Event Date** Completed **Condition Initiated** Result DOCUMENTE 03/07/22 05:00 : DISREV: RAIN EVENT 3480753 03/07/2022 DAVIS BROWNMITCHELL 02/06/2008 **UNAUTHORIZED** DISCHARGE D SYSTEM DISCHARGE-PM

## Discharge Reporting:

Discharge Amount:	112,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3481037.
Control Zone:	TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMPORARY DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT.

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

NA

MAIN



**Water Quality Treatement Center Receiving Stream of Treatment Center** KPDES# Region **Facility** 

MSD0278

MORRIS FORMAN

**Facility Type Facility ID** If Pump Station, Name of Pump Station: **Receiving Stream Facility Address** Discharge to

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

**Activity Code / Description** WO # Ref No Initiated By **Event Date Problem** Condition **Initiated Assigned To Disch Status** Result <u>Completed</u> UNAUTHORIZED : DISREV: RAIN EVENT 3480764 03/07/2022 DAVIS BROWNMITCHELL DOCUMENTE 08/01/1969 LACK OF 03/07/22 11:45 D SYSTEM DISCHARGE-ΡМ

DISCHARGE

KY0022411

Discharge Reporting

Discharge Reporting.	
Discharge Amount:	1,900,000 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 OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT.

#### Notifications:

3/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

**Total Facilities Printed: 16** 

**Total Work Orders Printed:** 16