

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

April 22, 2021

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 2021 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 percent removal and BOD percent removal reporting requirements.

Compromised solids handling equipment continue to contribute to our effluent exceedances. MSD has installed temporary dewatering services at a satellite facility. This temporary dewatering service will reduce 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 the late fall of 2021.

Please note: There was an error in our database for the plant flow for March 13, 2021. As a result the flows were manually totaled from the database and recorded.

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

Sincerely,

James Skinner

Treatment Facilities Manager

DMR Copy of Record

Permit

Major:

KY0022411 Permit #:

Yes

Morris Forman WQTC MSD Permittee:

700 W Liberty St Louisville, KY 40203 **Permittee Address:**

Facility Location:

Facility:

MORRIS FORMAN WQTC MSD

4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Permitted Feature:

001

External Outfall

Discharge:

001-B SECONDARY BYPASS

Executive Director

Report Dates & Status

Monitoring Period: From 03/01/21 to 03/31/21 **DMR Due Date:** 04/28/21 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.

Parrott

Telephone:

502-540-6000

No Data Indicator (NODI)

Last Name:

Form NODI:

Form r																		
	Parameter	Monitoring Location	Season	# Param. NODI				antity or Load				Quality or Con				# 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						=	68.0		77.0	19 - mg/L		16/30 - 16 Per Month	CP - COMPOS
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVO	3	Req Mon MX WK A	√ 19 - mg/L	0	WH/DS - When Discharging	CP - COMPOS
00010	505, 5 day, 25 deg. 5	1 Emacin Cross	0		Value NODI													
					Sample							127.0		162.0	19 - mg/L			CP - COMPOS
00310	BOD, 5-day, 20 deg. C	F - Primary/Prelimary Process Complete	0		Permit Req.							Req Mon MO AVO	3	Req Mon MX WK A	√ 19 - mg/L	0	WH/DS - When Discharging	J CP - COMPOS
	, ,				Value NODI													
					Sample						=	110.0		126.0	19 - mg/L		16/30 - 16 Per Month	CP - COMPOS
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVO	3	Req Mon MX WK A	√ 19 - mg/L	0	WH/DS - When Discharging	CP - COMPOS
00000	Conde, total odoponada	. Lindon Gross			Value NODI													
					Sample						=	91.0	=	170.0	19 - mg/L		16/30 - 16 Per Month	CP - COMPOS
00530	Solids, total suspended	F - Primary/Prelimary Process Complete	0		Permit Reg.							Reg Mon MO AVO	3	Req Mon MX WK A	V 19 - mg/L	0	WH/DS - When Discharging	CP - COMPOS
00530	Solids, total suspended	F - Primary/Prelimary Process Complete	U		Value NODI							·		·		U	5 0	
					Sample						=	4.6		6.5	19 - mg/L			CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.							Req Mon MO AVO	3	Req Mon MX WK A	√ 19 - mg/L	0	WH/DS - When Discharging	J CP - COMPOS
					Value NODI													
					Sample						=	7.1	=	10.1	19 - mg/L		16/30 - 16 Per Month	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	F - Primary/Prelimary Process Complete	0		Permit Req.							Req Mon MO AVO	3	Req Mon MX WK A	V 19 - mg/L	0	WH/DS - When Discharging	CP - COMPOS
00010	ran ogon, ammonia total (ao 14)	1 Timary/Trommary Trooped Complete			Value NODI											Ü		
					Sample	= 34	4.2	= 4	14.4	03 - MGD							16/30 - 16 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	3 F	Req Mon MX WK AV	03 - MGD						0	WH/DS - When Discharging	CN - CONTIN
50050	Flow, in conduit or thru treatment plant	r - Filmary/Freiimary Process Complete	U		Value NODI		•		•							U	5 0	
					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.

2021-04-22 12:23 (Time Zone: -04:00)

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Date/Time:

Report Last Saved By

Morris Forman WQTC MSD

User: SKINNER@LOUISVILLEMSD.ORG

James skinner Name:

E-Mail: james.skinner@louisvillemsd.org

Report Last Signed By

SKINNER@LOUISVILLEMSD.ORG User:

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org

Date/Time: 2021-04-22 12:25 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #: KY0022411

Permittee: Morris Forman WQTC MSD

Major: Yes

Permittee Address: 700 W Liberty St

Louisville, KY 40203

Facility Location:

Facility:

Telephone:

MORRIS FORMAN WQTC MSD

on: 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Permitted Feature: 001

External Outfall

Discharge: 001-Y

DMR Due Date:

Title:

BIOMONITORING/ONCE PER QUARTER

Report Dates & Status

Monitoring Period: From 01/01/21 to 03/31/21

04/28/21

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: James A.

Last Name: Parrott

Executive Director

502-540-6000

No Data Indicator (NODI)

Form NODI: --

	Parameter	Monitoring Location	Season #	Param. NODI		Quant	ity or Loading			Quality or Co	ncentration			# of Ex. Frequency of Analysis	s Sample Type
Code	Name					Qualifier 1 Value 1	Qualifier 2 Value 2 Units 0	Qualifier 1	Value 1 Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
					Sample				=	309.0	=	309.0	19 - mg/L	01/90 - Quarterly	CP - COMPO
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	3	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
1025	Cadmium, dissolved [as Cd]	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	3	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
71020	Caaimaiii, aleeerrea [ae ea]	. Emdon oroso			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	3	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
710-10	Copper, dissolved [us ou]	1 Emacin oross			Value NODI										
					Sample				<	0.05	<	0.05	19 - mg/L	01/90 - Quarterly	CP - COMPO
01049	Lead, dissolved [as Pb]	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	3	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
710-13	Lead, dissolved [as i s]	1 Emacin Gross			Value NODI										
					Sample				=	0.06	=	0.06	19 - mg/L	01/90 - Quarterly	CP - COMPO
01090	Zinc, dissolved [as Zn]	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	3	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
		maon oroso			Value NODI										
					Sample				=	0.06	=	0.06	19 - mg/L	01/90 - Quarterly	CP - COMPO
01094	Zinc, total recoverable	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	3	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
01113	Cadmium, total recoverable	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	3	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
	Guarriani, total 1000101abio	maon oroso			Value NODI										
					Sample				<	0.05	<	0.05	19 - mg/L	01/90 - Quarterly	CP - COMPO
01114	Lead, total recoverable	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	3	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
01119	Copper, total recoverable	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	;	Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	CP - COMPO
		2			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
	Table 10 to		ŭ		Value NODI										

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By Morris Forman WQTC MSD

User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org

Date/Time: 2021-04-22 12:23 (Time Zone: -04:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org

Date/Time: 2021-04-22 12:25 (Time Zone: -04:00)

DMR Conv of Record

X 81011 Solids, suspended percent removal

K - Percent Removal

DINK Copy of Record															
Permit															
Permit #:	XY0022411		Permitte	ee:	Morr	is Forman WQTC MSD			Facility	/:		MORRIS FORM	MAN WQTC MS	D	
Major:	'es		Permitte	ee Address:		W Liberty St sville, KY 40203			Facility	Location:		4522 ALGONQ LOUISVILLE, K	-		
	01 External Outfall		Dischar	ge:	001- MUN	1 NICIPAL DISCHARGE									
Report Dates & Status															
Monitoring Period:	rom 03/01/21 to 03/31/21		DMR Du	ie Date:	04/2	8/21			Status:			NetDMR Valida	ated		
Considerations for Form Completion															
G - INFLUENTE - SECONDARY EFFLUEN needed.	IT1 - FINAL EFFLUENT - Parameter 74055 - Us	e Seas	on 1 for s	summer months (Ma	y, June, July, Augus	st, September, and Octo	ber) and Se	eason 2 for w	inter months	(November, Decem	ber, Janu	ıary, February Mar	ch, and April); e	nter NODI=9 for the	Season not
Principal Executive Officer															
First Name:	ames A.		Title:		Exec	cutive Director			Telepho	one:		502-540-6000			
	Parrott														
No Data Indicator (NODI)															
Form NODI: - Parameter	Monitoring Location	Seaso	n #Param.	NODI	Qu	antity or Loading				Quality or Cond	entration		# of	Ex. Frequency of Analys	sis Sample T
Code Name					ifier 1 Value 1	Qualifier 2 Value 2	Units		Value 1 Qual	ifier 2 Value 2	Qualifier		Units		
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample Permit Req.				= 4.7 >= 2.0) INST MIN				19 - mg/L 19 - mg/L	01/01 - Daily 01/01 - Daily	GR - GRAI
Oxygen, dissolved [DO]	1 - Lindent Gloss			Value NODI											
				Sample =	47680.0	= 60713.0	26 - lb/d		=	45.0	=		19 - mg/L	01/01 - Daily	CP - COM
X ₀₀₃₁₀ BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	9 0		Permit Req. Value NODI	Req Mon MO AVO	Req Mon MX Wh	X AV 26 - Ib/d		<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L 2	01/01 - Daily	CP - COM
				Sample = Permit Req.	235234.0 Reg Mon MO AV	= 285774.0 Req Mon MX W	26 - lb/d		=	216.0 Req Mon MO AV	=	275.0 Req Mon MX WK AV	19 - mg/L	01/01 - Daily 01/01 - Daily	CP - COM
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Value NODI	ited Molt MO AVE	Ney Worr WX W	X A V 20 - 15/u			Red MOLLING AV	0	iteq inon inx viit Av	19 - 111g/L 0	01/01 - Daily	OI - COIVII
				Sample				= 6.2			=	6.8	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 - GRAI
				Sample =	99953.0	= 129027.0	26 - lb/d		=	96.0 30.0 MO AVG	=		19 - mg/L	01/01 - Daily	CP - COMI
X 00530 Solids, total suspended	E - Secondary/Biological Process Complete	9 0		Permit Req. Value NODI	Req Mon MO AV	Req Mon MX Wh	X AV 26 - 1b/u		<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L 2	01/01 - Daily	CP - COIVII
				Sample =	254299.0	= 316903.0	26 - Ib/d		=	233.0	=	308.0	19 - mg/L	01/01 - Daily	CP - COM
00530 Solids, total suspended	G - Raw Sewage Influent	0		Permit Req. Value NODI	Req Mon MO AVO	Req Mon MX Wh	K AV 26 - lb/d			Req Mon MO AV	G	Req Mon MX WK AV	¹ 19 - mg/L 0	01/01 - Daily	CP - COMP
				Sample =	4356.0	= 4982.0	26 - lb/d		=	4.5	=		19 - mg/L	01/01 - Daily	CP - COMP
00610 Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	9 0		Permit Req. Value NODI	Req Mon MO AVO	Req Mon MX Wh	X AV 26 - ID/0		<=	20.0 MO AVG	<=	30.0 MX WK AV	19 - mg/L 0	01/01 - Daily	CP - COIVIE
				Sample =	7500.0	= 8215.0	26 - lb/d		=	7.0	=		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 AVO	Req Mon MX Wh	K AV 26 - lb/d			Req Mon MO AV	G	Req Mon MX WK AV	^{19 - mg/L} 0	01/01 - Daily	CP - COMP
				Sample =	122.81	= 138.02	03 - MGE	0						99/99 - Continuous	CN - CONT
50050 Flow, in conduit or thru treatmen	t plant E - Secondary/Biological Process Complete	9 0		Permit Req.	Req Mon MO AVO	Req Mon DAILY	MX 03 - MGE)					0	99/99 - Continuous	CN - CONT
				Value NODI											
E0060 Chlering total regidual	1 Effluent Cross			Sample Permit Req.							<=	0.016 0.019 DAILY MX	19 - mg/L 19 - mg/L	01/01 - Daily 01/01 - Daily	GR - GRAE
50060 Chlorine, total residual	1 - Effluent Gross	U		Value NODI									0		
				Sample					=	200.0	=	933.0	13 - #/100mL	01/01 - Daily	GR - GRAE
74055 Coliform, fecal general	1 - Effluent Gross	2		Permit Req. Value NODI					<=	1000.0 30DA GE	U<=	2000.0 7 DA GEO	13 - #/100mL 0	01/01 - Daily	GR - GRAE
				Sample				= 79	.0				23 - %	01/30 - Monthly	CA - CALC
X 81010 BOD, 5-day, percent removal	K - Percent Removal	0		Permit Req.					.0 MO MIN				23 - % 1	01/30 - Monthly	CA - CALC
				Value NODI											
				Sample				= 59	.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	Monitoring Location	Field	Tumo	Description	Acknowledge
Code	Name	Monitoring Location	rieid	Type	Description	Acknowledge
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 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
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
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
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

Comments

Attachments

Name	Туре	Size
MFWQTCoverletter032021.Pdf	pdf	44076.0
MFWQTCMOR032021.Pdf	pdf	134583.0
MFWQTCDischargeReport032021.pdf	pdf	61938.0

Report Last Saved By

Morris Forman WQTC MSD

User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org

Date/Time: 2021-04-22 12:23 (Time Zone: -04:00)

Report Last Signed By

User: SKINNER@LOUISVILLEMSD.ORG

Name: James skinner

E-Mail: james.skinner@louisvillemsd.org

Date/Time: 2021-04-22 12:25 (Time Zone: -04:00)

Format: Month/Day/Year

Enter Start Date:

3/1/21

MORRIS FORMAN WATER QUALITY TREATMENT CENTER KPDES PERMIT NO. KY0022411

JEFFERSON COUNTY, KENTUCKY

MONTH OF March-21

120 MGD RECEIVING STREAM-OHIO RIVER PLANT CAPACITY -

			3	TEMP		pH		SETS		TSS	D.	0.		5-DAY BOD									32							
	WAST	TEWATER FLO	ws	(DEGF)				(M/L)		(mg/L)	(m	ıg/L)		(mg/L)										ACTIVE		CI	MOTAMIROLE	١	FINAL	
	(1	Million Gallons)														RĘ.	URN SLUDGE			AEF	RATION BASIN			Sludge		Chlorine		Fecal	EFFLUEN	
	Final	Sec.												prim.		FLOW	TSS	TVSS	D.O	MLSS	MLVSS	SET	SVI	Wasted	Sludge	Dosage	Resid	Coliform	NH3-N	Pump,
DATE	Effluent I	Effluent B	ypass	raw	final	raw fir	nal ra	aw fin	al ray	v final	fin	al	raw	final	final	MG	g/L	g/L	mg/L	g/L	g/L			MG	MG	KLBS	mg/L	#/100 ml	mg/L	Hours 0.0
3/1/21	243.79	139,14	104.65	56	56	7.3	6.8	1.5	0.9	78	94	8.0	72	51	58	25.6	14.9	13.1	19.5	2.8	2.4	218	79		0.38		0.016	225 1040	2.2 4.1	0.0
3/2/21	185.23	138.42	46.81	57	57	7.2	6.7	21.5	0.2	134	72	6.1	104	63	51	24.8	15.1	12.9	18.3	1.3	1.0	182	148	0.43 0.43	0.40 0.41		0.016	197	4.2	0.0
3/3/21	171.53	139.92	31.61	55	55	7.0	6.5	15.2	0.3	118	83	6.6	121	103	68	25.0	15.7	13.2	17.3	2.7	2.3	216 206	75		0.41		0.016	4600	5.2	0.0
3/4/21	173.42	139.27	34.15	57	57	7.2	6.4	7.5	0.3	102	81	4.7	162	109	70 64	25.2	15.2 15.2	13.2	15.5 9.6	2.7	2.4	206	73		0.21		0.016	325	4.7	0.0
3/5/21	146.48	141.57	4.91	56	56	6.9	6.3	35.5	0.2	262	91	7.5		149	67	25.3 25.5	15.2	13.1 13.7	9.4	3.0	2.6	251	83	0.00	0.11		0.016	840	1.9	0.0
3/6/21	124.99	124.99	0.00	56	.56	6.8	6.3	14.0	0.3	152	91	6.9	226 210	193 93	65	25.5	15.8	13.6	12.8	3.8	3.3	263	68		0.08		0.016	10600	0.9	0.0
3/7/2*	1	119.18	0.00	58	58	7.1	6.2	11.1	0.2	154 220	116 186	6.0 5.2		117	110	25.4	15.8	13.6	17.3	3.6	3.2	356	98	0.48	0.36		0.016	2900	4.9	0.0
3/8/21		118.37	0.00	57	57	7.0	6.3	19.9 60.0	1.5 0.6	970	146	5.2	252	155	133	25.5	15.3	13.0	12.6	3.5	3.1	274	77	0.48	0.36		0.016	284	6.2	0.0
3/9/21	1	116.18	0.00	56 .59	56 59	6.9	6.3 6.4	8.1	0.8	232	142	6.6	261	156	93	25.2	16.2	13.8	10.5	5.4	4.6	298	55	0.55	0.45		0.016	420	7.9	0.0
3/10/21		103.66	0.00	.61	61	6.9	6.3	9.1	0.3	366	140	5.7	254	176	75	24.9	15.8	13.7	9.9	3.9	3.4	363	92	0.56	0.41	3.47	0.016	20	6.7	0.0
3/11/21	1	101.70	17.40	58	58	7.3	6.4	4.5	0.4	110	107	5.7	93	64	68	25.1	14.1	12.5	16.9	1.8	1.6	267	155	0.21	0.25	4.23	0.016	147	2.9	0.0
3/12/21	1	136.58 133.15	58.47 12.60	58	58	7.4	6.8	3.5	0.2	122	54	6.7	142	83	31	25.3	13.4	11.5	16.2	2.7	2.4	214	80	0.00	0.12	4.23	0.016	4	1.5	0.0
3/13/21	1	152.04	0.00	57	57	7.1	6.8	9.0	0.1	134	50	8.6	174	98	31	25.2	15.5	13.2	16.5	3.6	3.0	259	71	0.22	0.16	3.70	0.016	10	1.9	0.0
3/15/2		236.65	24.07	57	57	7.0	6.6	9.8	0.2	194	102	5.7	207	139	64	25.0	15.9	13.5	12.5	4.0	3.4	279	68	0.64	0.35	3.07	0.016	140	6.7	11.4
3/16/21		115.13	3.67	58	58	6.9	6.6	8.1	0.5	240	130	6.1	364	241	83	25.3	16.8	14.3	11.6	3.4	2.9	262	76	0.22	0.33	2.30	0.016	214	3.2	24.0
3/17/2		121.98	11.85	60	60	7.2	6.4	11.0	0.1	343	94	6.1	285	208	79	25.5	17.0	14.8	7.1	3.5	3.0	274	78	0.73	0.40		0.016	114	4.3	24.0
3/18/21	1	134.39	71.12	61	61	7.0	6.4	11.0	0.5	200	193	5.5	137	80	95	25.6	15.9	13.6	15.1	3.2	2.8	262	81	0.60	0.42		0,016	4380	3.6	24.0
3/19/2	1	138.33	4.83	59	59	7.3	6.3	6.5	0.2	195	113	6.7	242	133	64	25.6	14.5	12.3	11.5	2.8	2.4	257	91	0.36	0.28		0.016	700	3.0	23.5
3/20/2	1	117.50	0.00	59	59	7.4	6.4	6.5	0.2	166	67	6.6	208	102	44	25.8	15.1	12.9	11.8	3.1	2.7	257	81	0.00	0.04	3.90	0.016	520	1.7	24.0
3/21/21	102.16	102.16	0.00	-58	58	7.2	6.3	7.6	0.4	170	146	6.5	169	87	66	25.6	15.5	13.4	15.6	3.9	3.3	321	82	0.31	0.10		0.016	440	3.2	24.0
3/22/2	105.79	105.79	0.00	59	59	7.2	6.6	11.5	0.2	208	100	6.1	288	166	75	25.4	14.3	12.5	10.7	3.0	2.6	293	96	0.63	0.37	2.96	0.016	134	8.2	24.0
3/23/2	105.42	105.42	0.00	59	59	7.0	6.4	9.5	0.1	255	77	5.8	336	210	55	24.8	14.9	13.0	9.8	3.4	3.0	294	86	0.60	0.40		0.016	77	8.0	24.0 24.0
3/24/2	96.91	96.91	0.00	60	60	6.8	6.6	9.5	0.1	244	30	7.6	1	172	30	24.7	14.0	12.2	9.1	3.3	2.9	309	89	0.75	0.42		0.016	184 61	8.1	17.0
3/25/2	156.24	112.78	43.46	60	60	7.0	6.6	9.7	1.7	290	128	6.5		196	76	25.9	12.3	10.8	9.8	3.1	2.7	336	104 82	0.70	0.36		0.016	87	4.8	0.0
3/26/2	126.66	121.94	4.72	57	57	7.0	6.6	7.0	0.1	232	33	6.8	194	127	25	25.7	14.9	13.0	11.6	2.9	2.5	236	96	0.27	0.24 0.01		0.016	20	1.6	0.0
3/27/2	96.03	96,03	0.00	56	56	7.2	6.5	7.5	0.1	236	31	8.0	285	186	24	25.7	15.0	13.0	10.0	4.1	3.6 3.6	347 400	95	0.25	0.01		0.016	23	2.0	0.0
3/28/2	90.25	90.25	0.00	58	58	6.9	6.4	7.5	0.1	214	70	6.2	236	158	37	25.6	14.8 14.6	12.9 12.6	10.8 9.0	4.2 3.8	3.5	361	93	0.23	0.03		0.016	14	10.1	0.0
3/29/2	84.49	84.49	0.00	~ 57	57	7.0	6.5	8.8	0.1	300	51	6.6	312	150	32 74	25.8	13.9	11.9	9.0	3.9	3.3	447	114	0.55	0.52	- 1	0.016	28	12.4	5.9
3/30/2	85.54	85.54	0.00	59	59	7.1	6.4	9.6	0.1	380	45	8.0	246	128 116	115	26.2 26.2	14.1	12.2	10.7	2.9	2.5	318	107	0.68	0.47	4.00	0.016	1920	8.0	24.0
3/31/2		137.70	72.93	58	58	6.8	6.4	5.5	4.2	208	237	7.0	151	110	115	787.9	14.1	12.2	10.7	2.3	2.3	310	107	12.42	9.23		5.520			273.6
Sum	4354.4	3807.2	547.3						2.5	200	400		240	136	5 65	25.4	15.1	13.0	12.5	3.3	2.9	285	89	0.40	0.30		0.016	200	4.9	
Average	140.5	122.8	34.2	58	58	7.1	6.5	11.8	0.5	233	100	6.5	216	130	00	25.4	10.1	13.0	12.0	5,5	2.3	200	- 00	0,40	0.00	-				

SEWER CONNECTIONS

148237 TIMES 4 =

592476 SEWER POPULATION

IND. WASTER POPULATION EQ

CUSTOMERS

FLOW 739807 BOD 896813 679740

TSS

Certification No. 26893

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Mar-21

Average Flow				
	Primary		Secondary	
SETTLING TANKS		Battery A	Battery B	Battery C
Average Flow (MGD)	139.94	40.12	42.60	11.25
Tanks in Service	4.00	7.7	8.0	3.9
Surface Area (Ft.2)	77000.00	66379.63	69200.00	34064.61
Volume (MG)	8.33	6.80	7.09	3.49
Weir Length (Ft.)	2860.00	2751.11	2868.00	1411.81
Avg. Weir Overflow (GPD/Ft)	48929.83	14584.23	14853.33	7971.63
Avg. Settling Rate (GPD/Ft2)	1817.39	765.44	760.11	467.52
Avg. Detention Time	1.43	4.07	3.99	7.44
AERATION TANKS		Battery A	Battery B	Battery C
Volume (Gallons)		4200000	4200000	2100000
Avg. Flow (MGD)		50.81	52.60	15.93
Avg. Detention Time (Hours)		2.51	2.37	4.48
	-			

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use

2.0 2340000 Volume (Gallons) 0.70 Avg. Detention Time (Hours)

Remarks: BY-PASS REPORTS (See Attached)



KPDES #	Facility ID	Water Quality Trea	tement Center Receiving St	eam 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	08935-SM	1001 BRECKENRIDGE LN		MIDDLE FORK BEARGRASS	STREAM	

Activity Code / Description	WO# Ref No	<u>Initiated</u>	Initiated By Assigned To	Disch Status	Event Date	<u>Problem</u>	<u>Result</u>	Completed Condition
: DISREV: RAIN EVENT	3352603	03/11/2021	DAVIS BROWNMITCHELL	DOCUMENTE	11/29/2001	LACK OF	UNAUTHORIZED	03/12/21 07:45
DISCHARGE				D		SYSTEM	DISCHARGE-	PM
								MAIN

Discharge Reporting:

Discharge Amount:	800,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED DISCHARGE PIPE IS SUBMERGED AND DISCHARGES DIRECTLY IN TO THE CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHE THE PIPE DISCHARGES DIRECTLY TO STREAM CREEK.
Impact:	NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KY0022411

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

ID

MSD0278 MORRIS FORMAN NA

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

SMHSewer Manhole 100756A-X 1473 FRANKFORT AVE SOUTH FORK BEARGRASS CREEK GROUND

Activity Code / Description WO # Ref No **Initiated** Initiated By **Disch Status Event Date Problem** Completed Condition **Assigned To** <u>Result</u> 03/09/21 01:41 : DISREV: RAIN EVENT 3351196 03/04/2021 ANDERSON ANDERSON QUEUED FOR 03/04/2021 PUMPED DUE UNAUTHORIZED DISCHARGE **REPAIR** TO COE DISCHARGE-PM

Discharge Reporting:

Discharge Amount:	156,000 GAL
Cause:	FLOODING AND LACK OF SYSTEM CAPACITY.
Clean Up:	PICK UP TRASH AND SPREAD LIME.
Control Zone:	SIGNS AND BARRICADES.
Impact:	MINOR TRASH A DEBRIS NEXT TO MANHOLE.
Repair:	NONE.
Public Notification:	METRO SAFE.

3/4/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/4/21 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 Manhole270081044 ALTA VISTA RDMIDDLE FORK BEARGRASSGROUND

Activity Code / Description WO # Ref No Initiated By **Assigned To Event Date** <u>Problem</u> Completed **Condition Initiated Disch Status** Result 03/01/2021 : DISREV: RAIN EVENT 3350302 DAVIS BROWNMITCHELL **DOCUMENTE** 03/19/2020 LACK OF **UNAUTHORIZED** 03/02/21 08:15

DISCHARGE D SYSTEM DISCHARGE- AM

Discharge Reporting:

Diodital go Hoporting.	
Discharge Amount:	120,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3350810
Control Zone:	BARRICADE AND TEMP SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/1/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	I
3/1/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	

4/15/2021 Page 3 of 14 4:30:07 PM



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 MIDDLE FORK BEARGRASS **STREAM**

Activity Code / Description WO # Ref No Initiated By **Assigned To Disch Status** <u>Problem</u> Completed Condition **Initiated Event Date** Result 03/01/2021 : DISREV: RAIN EVENT 3350303 DAVIS BROWNMITCHELL **DOCUMENTE** 03/09/2019 LACK OF **UNAUTHORIZED** 03/02/21 08:14 DISCHARGE D SYSTEM DISCHARGE-AM

Discharge Reporting:

Discharge Amount:	120,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3350810
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/1/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/1/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Page 4 of 14 4:30:07 PM 4/15/2021



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 Manhole282503506CHARLANE PKYCHENOWETH RUNDITCH

Problem LACK OF **Activity Code / Description** WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Result Completed Condition DOCUMENTE : DISREV: RAIN EVENT 3352613 03/12/2021 DAVIS BROWNMITCHELL 01/03/2005 UNAUTHORIZED 03/13/21 09:19

DISCHARGE D SYSTEM DISCHARGE- AM

Discharge Reporting:

Diodital go i toporting.	
Discharge Amount:	3,318 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3352843
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWER WATER DISCHARGING FROM THE PICK HOLE ON THE MANHOLE LID.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY DOOR CARD AND TEMP SIGN AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	\prod
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	

4/15/2021 Page 5 of 14 4:30:07 PM



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** Discharge to **Facility Address**

SMHSewer Manhole 3317 DELL RD **GROUND** 28413 CHENOWETH RUN

Problem LACK OF Result **Activity Code / Description** WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Completed Condition DOCUMENTE 03/12/21 01:18 : DISREV: RAIN EVENT 3352647 03/12/2021 DAVIS BROWNMITCHELL 03/20/2002 UNAUTHORIZED DISCHARGE D SYSTEM DISCHARGE-PM

Discharge Reporting:

Discharge Amount:	488 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3352845
Control Zone:	TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWER WATER DISCHARGING FROM THE PICK HOLE ON THE MANHOLE LID.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY DOOR CARD AND TEMP SIGN AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	\prod
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	

4/15/2021 Page 6 of 14 4:30:07 PM



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 3400 DELL RD **GROUND** SMHSewer Manhole 28414 CHENOWETH RUN

Problem LACK OF Result **Activity Code / Description** WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Completed Condition DOCUMENTE 03/12/21 01:00 : DISREV: RAIN EVENT 3352614 03/12/2021 DAVIS BROWNMITCHELL 01/03/2005 UNAUTHORIZED DISCHARGE D SYSTEM DISCHARGE-PM

Discharge Reporting:

Discharge Amount:	600 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3352847
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWER WATER DISCHARGING FROM THE PICK HOLE ON THE MANHOLE LID.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY DOOR CARD AND TEMP SIGN AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

4/15/2021 Page 7 of 14 4:30:07 PM



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 Manhole284153406 DELL RDCHENOWETH RUNGROUND

Problem LACK OF **Activity Code / Description** WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Result Completed Condition DOCUMENTE : DISREV: RAIN EVENT 3352615 03/12/2021 DAVIS BROWNMITCHELL 12/19/2002 UNAUTHORIZED 03/12/21 01:10

DISCHARGE D SYSTEM DISCHARGE- PM

Discharge Reporting:

<u> </u>	
Discharge Amount:	610 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3352848
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWER WATER DISCHARGING FROM THE PICK HOLE ON THE MANHOLE LID.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY DOOR CARD AND TEMP SIGN AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

4/15/2021 Page 8 of 14 4:30:08 PM

CHENOWETH RUN



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** Discharge to **Facility Address**

SMHSewer Manhole 28453 3402 CHARLANE PKY

Problem LACK OF **Activity Code / Description** WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** Result Completed Condition DOCUMENTE : DISREV: RAIN EVENT 3352612 03/12/2021 DAVIS BROWNMITCHELL 10/28/2015 UNAUTHORIZED 03/13/21 09:16 SYSTEM DISCHARGE-

DISCHARGE D AM MAIN

DITCH

Discharge Reporting:

Discharge Amount:	66,320 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3352844
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY DOOR CARD AND TEMP SIGN AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	

4/15/2021 Page 9 of 14 4:30:08 PM



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 40475 1544 CHEROKEE RD MIDDLE FORK BEARGRASS GROUND

Activity Code / Description WO # Ref No Initiated By **Assigned To Disch Status Event Date** <u>Problem</u> Completed Condition **Initiated** Result 03/01/2021 03/02/21 08:38 : DISREV: RAIN EVENT 3350305 DAVIS BROWNMITCHELL QUEUED FOR 03/01/2021 LACK OF **UNAUTHORIZED**

DISCHARGE REPAIR SYSTEM DISCHARGE- AM

Discharge Reporting:

120,000 GAL
LACK OF SYSTEM CAPACITY HEAVY RAIN.
WO#3350814
BARRICADES AND TEMP SIGNS PLACED AROUND THE IMPACTED AREA.
MANHOLE DISCHARGING.
LOCATION INCLUDED IN IOAP.
PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/1/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	I
3/1/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	

4/15/2021 Page 10 of 14 4:30:08 PM



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 MIDDLE FORK BEARGRASS DITCH

Activity Code / Description WO # Ref No Initiated By **Assigned To Disch Status Event Date** <u>Problem</u> Completed Condition **Initiated** Result 03/13/21 10:33 : DISREV: RAIN EVENT 3352617 03/12/2021 DAVIS BROWNMITCHELL **DOCUMENTE** 05/10/2014 LACK OF **UNAUTHORIZED** DISCHARGE D SYSTEM DISCHARGE-AM MAIN

Discharge Reporting:

33,600 GAL
LACK OF SYSTEM CAPACITY HEAVY RAIN.
WO#352840
TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
MANHOLE DISCHARGING.
LOCATION INCLUDED IN THE IOAP.
PUBLIC NOTIFIED BY TEMP SIGN AT DISCHARGE SITE AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK TO AVOID CONTACT WITH DISCHARGED CONTENT.

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	I
3/12/21 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 47583 202 OXMOOR LN 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 03/12/2021 : DISREV: RAIN EVENT 3352660 DAVIS BROWNMITCHELL **DOCUMENTE** 02/06/2008 LACK OF **UNAUTHORIZED** 03/13/21 10:16 DISCHARGE D SYSTEM DISCHARGE-AM

MAIN

Discharge Reporting:

288,000 GAL
LACK OF SYSTEM CAPACITY HEAVY RAIN.
WO#3352891
PLACED BARRICADES & TEMP SIGNS AROUND THE IMPACTED.
MANHOLE DISCHARGING.
LOCATION INCLUDED IN IOAP.
PUBLIC NOTIFIED BY TEMP SIGN AT DISCHARGE SITE AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK TO AVOID CONTACT WITH DISCHARGED CONTENT.

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	I
3/12/21 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 CS0020 147 BUCHANAN ST OHIO RIVER STREAM

Activity Code / Description WO # Ref No Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition <u>Initiated</u> 03/21/2021 : DISDW: DRY WEATHER 3359754 FRENCH FRENCH REPAIRED -03/21/2021 **POWER** UNAUTHORIZED 03/21/21 03:21 DISCHARGE

ISSUE OUTAGE (LG&E) DISCHARGE- PM RESOLVED WATERS

Discharge Reporting:

RY WEATHER NOTIFICATION

3/22/21 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
3/22/21 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	



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

Assigned To

MORRIS FORMAN

DAVIS BROWNMITCHELL

Initiated By

MSD0278 KY0022411

Activity Code / Description

: DISREV: RAIN EVENT

DISCHARGE

NA

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 MIDDLE FORK BEARGRASS STREAM

D

Disch Status

DOCUMENTE

Problem Event Date 08/01/1969 LACK OF

SYSTEM

Result UNAUTHORIZED

Condition <u>Completed</u> 03/13/21 02:15

DISCHARGE-AM

MAIN

Discharge Reporting:

WO #

3352604

Ref No

Initiated

03/11/2021

Distrillinge Reporting.	
Discharge Amount:	3,100,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED DISCHARGE PIPE IS SUBMERGED AND DISCHARGES DIRECTLY IN TO THE CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHE THE PIPE DISCHARGES DIRECTLY TO STREAM CREEK.
Impact:	NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Total Facilities Printed: 14

Total Work Orders Printed: 18

4:30:08 PM 4/15/2021 Page 14 of 14