

700 West Liberty Street | Louisville, KY 40203-1911

Phone: 502.540.6000 | LouisvilleMSD.org

April 25, 2017

Cheryl Edwards 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. Edwards:

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 to March 31st, 2017 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet the Secondary seven and 30 day TSS, or seven and 30 day BOD limits. All other effluent parameters were met.

Capital construction involving process area shutdowns and compromised solids processing capability contributed to the exceedances. MFWQTC continued to employ additional solids processing methods and is purchasing additional Liquid Oxygen in an effort to meet permit requirements.

Should you have any questions, please contact me at (502) 540-6793.

Sincerely,

Alex E. Novak, P.E.

Treatment Facilities Director

Vgt

DMR Copy of Record

Diffit Copy of Record																		
Permit																		
Permit #:	KY0022411		Permittee:			Morris	Forman WQTC	MSD			Facilit	y:		MORRIS FO	DRMAN W	QTC M	SD	
Major:	Yes		Permittee A	ddress:		700 W	Liberty St					y Location:		4522 ALGO	NQUIN PŁ	KWY		
,							ville, KY 40203					,		LOUISVILLI				
Permitted Feature:	001 External Outfall		Discharge:			001-1 MUNIO	CIPAL DISCHAR	GF										
Report Dates & Status						WOT THE		<u></u>										
Monitoring Period:	From 03/01/17 to 03/31/17		DMR Due D	ato:		04/28/	47				Status			NetDMR Va	lidated			
			DWIN Due D	ate.		04/20/	.,				Status			NGLDWIN VO	lidated			
Considerations for Form Completion		40 11										41 (51						
G - INFLUENTE - SECONDARY EFFLU Season not needed.	JENT1 - FINAL EFFLUENT - Parame	ter 74055 - Us	se Season 1 for s	ummer m	onths (May, Jun	e, July, Au	gust, September,	and Oc	tober) and	Season 2	for winter	months (Novem	nber, Dece	ember, January, Fe	bruary Ma	arch, and	1 April); enter NODI:	=9 for the
Principal Executive Officer																		
First Name:	Anthony		Title:			Execu	tive Director				Telep	hone:		502-540-60	00			
Last Name:	Parrott																	
No Data Indicator (NODI)			· ·															
Form NODI:																		
Parameter	Monitoring Location	Season # Para	m. NODI		Qu	antity or Loa	ading					Quality or Cond	entration			# of Ex	. Frequency of Analysi	is Sample Type
Code Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier		Qualifier 2	Value 2	Qualifier 3		Units			
00300 Oxygen, dissolved [DO]	1 - Effluent Gross		Sample Permit Reg						=	3 2 INST MIN					19 - mg/L 19 - mg/L	0	01/01 - Daily 01/01 - Daily	GR - GRAB GR - GRAB
Oxygen, dissolved [DO]	1 - Emuerit Gross		Value NOD						>=	Z IINOT IVIIIN					19 - Hig/L	-0	01/01 - Daily	GR - GRAD
			Sample	=	28477	=	44497	26 - lb/d			=	43	=	77	19 - mg/L		01/01 - Daily	CP - COMPOS
X ₀₀₃₁₀ BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	Permit Req		Req Mon MO AVO	3	Req Mon MX WK AV	/ 26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	2	01/01 - Daily	CP - COMPOS
			Value NOD Sample		230917	_	265730	26 - lb/d			=	327	_	423	19 - mg/L		01/01 - Daily	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	Permit Req		Req Mon MO AVO		Req Mon MX WK AV					Req Mon MO AVG		Req Mon MX WK AV	-		01/01 - Daily	CP - COMPOS
			Value NOD	ı														
00400	1. Efficient Cross	0	Sample						=	6.2					12 - SU		01/01 - Daily	GR - GRAB
00400 pH	1 - Effluent Gross	0	Permit Req Value NOD						>=	6 MINIMUM	1		<=	9 MAXIMUM	12 - SU	0	01/01 - Daily	GR - GRAB
			Sample	=	46412	=	79873	26 - lb/d			=	71	=	137	19 - mg/L		01/01 - Daily	CP - COMPOS
X 00530 Solids, total suspended	E - Secondary/Biological Process Complete	0	Permit Req		Req Mon MO AVO	3	Req Mon MX WK AV	/ 26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	2	01/01 - Daily	CP - COMPOS
			Value NOD Sample		332839	_	355935	26 - lb/d			=	459	_	537	19 - mg/L		01/01 - Daily	CP - COMPOS
00530 Solids, total suspended	G - Raw Sewage Influent	0	Permit Req		Req Mon MO AVO		Req Mon MX WK AV					Req Mon MO AVG		Req Mon MX WK AV			01/01 - Daily	CP - COMPOS
			Value NOD	ı														
20040 Nitrogen emperie total fee NI	Consorder //Dielogical Drasses Complete		Sample	-	7858		9600	26 - lb/d				11.8			19 - mg/L		01/01 - Daily	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0	Permit Req Value NOD		Req Mon MO AVO	ז	Req Mon MX WK AV	/ 26 - ID/U			<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L	1	01/01 - Daily	CP - COMPOS
			Sample	=	7784	=	8076	26 - lb/d			=	10.9			19 - mg/L		01/01 - Daily	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	Permit Req		Req Mon MO AVO	3	Req Mon MX WK AV	/ 26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
			Value NOD Sample	_	86.66	_	125.76	03 - MG	D								99/99 - Continuous	CN - CONTIN
50050 Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	Permit Req		Req Mon MO AVO		Req Mon DAILY MX									0	99/99 - Continuous	CN - CONTIN
			Value NOD	ı														
FOOCO Chloring total regidual	4. Efficient Cross	0	Sample											0.016	19 - mg/L		01/01 - Daily	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	0	Permit Req Value NOD										<=	0.019 DAILY MX	19 - mg/L	-0	01/01 - Daily	GR - GRAB
			Sample								=	82	=	144	13 - #/100ml	ıL	01/01 - Daily	GR - GRAB
74055 Coliform, fecal general	1 - Effluent Gross	2	Permit Req								<=	1000 30DA GEO	<=	2000 7 DA GEO	13 - #/100ml	L 0	01/01 - Daily	GR - GRAB
			Value NOD Sample						=	87					23 - %		01/30 - Monthly	CA - CALCTD
81010 BOD, 5-day, percent removal	K - Percent Removal	0	Permit Req						>=	85 MO MIN					23 - %		01/30 - Monthly	CA - CALCTD
			Value NOD															
	K D		Sample						=	85					23 - %		01/30 - Monthly	CA - CALCTD
81011 Solids, suspended percent removal	K - Percent Removal	U	Permit Req Value NOD					-	>=	85 MO MIN					23 - %	-	01/30 - Monthly	CA - CALCTD
Submission Note			value 140D															
If a parameter row does not contain any	values for the Sample nor Effluent T	rading, then no	one of the following	na fields w	ill be submitted	for that rov	w: Units, Number	of Excu	rsions Fre	equency of	Analysis	and Sample Tvr	ne.					
Edit Check Errors				.g W	Jo Japinitou	.c. macro		J	. 5.0110, 1 10	1.51109 01		Campio i y	-					
Parameter	Monitoring	Location				Field		т	уре				Descrip	ation			Aok	nowledge
Code Name	Worldonig	200411011				. 1010			,,,,				Descrip				ACKI	iomicage

00310 E	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 2	Soft	The provided sample value is o	utside the permit limit. (Error Code: 1)		Yes
00310 E	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 3	Soft	The provided sample value is o	utside the permit limit. (Error Code: 1)		Yes
00530	Solids, total suspended	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 2	Soft	The provided sample value is o	utside the permit limit. (Error Code: 1)		Yes
00530	Solids, total suspended	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 3	Soft	The provided sample value is o	utside the permit limit. (Error Code: 1)		Yes
Comments								
Attachment	ts							
		Name				Туре	Size	
MFWQTC032	2017.pdf					pdf	41376	
иFWQTCMO	DR032017.pdf					pdf	130718	
201703MFW0	QTCOverflowReport.pdf					pdf	134532	
Report Last	t Saved By							
Morris Forn	man WQTC MSD							
Jser:	robin.burch@louisvillems	d.org		Date/Time:	201	7-04-27 12:22 (Time Zone: -04:00)		
Name:	Robin Burch							

E-Mail:

robin.burch@louisvillemsd.org

DMR Copy of Record

Permitt#: KY0022411 Major: Yes Permittee Address: 700 W Liberty St Louisville, KY 40203 Permitted Feature: 001 External Outfall Permittee Address: 001-B SECONDARY BYPASS Report Dates & Status Monitoring Period: From 03/01/17 to 03/31/17	Permit																
Permitted Feature: 001	Permit #:	KY0022411			Permittee	: :		Morr	is Forman WQTC	MSD		Facility:		MORRIS	FORMAN WO	QTC MSD	
Report Dates & Status Monitoring Period: From 03/01/17 to 03/31/17 DMR Due Date: 04/28/17 Status: NetDMR Validated Considerations for Form Completion MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT. Principal Executive Officer First Name: Anthony Parrott Anthony Parrott No Data Indicator (NODI) Form NODI: Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quality or Concentration # of Ex. Frequency of Analysis Sample Type Secondary BYPASS NetDMR Validated NetDMR Validated Status: NetDMR Validated Status: NetDMR Validated Title: Executive Director First Name: Parameter Quality or Concentration # of Ex. Frequency of Analysis Sample Type Secondary BYPASS NetDMR Validated Status: NetDMR Validated Status: NetDMR Validated Telephone: 502-540-6000 Telephone:	Major:	Yes			Permittee	Address:						Facility Location:					
Monitoring Period: From 03/01/17 to 03/31/17 DMR Due Date: 04/28/17 Status: NetDMR Validated Considerations for Form Completion MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT. Principal Executive Officer First Name: Anthony Title: Executive Director Telephone: 502-540-6000 Last Name: Parrott No Data Indicator (NODI) Form NODI: Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quality or Concentration # of Ex. Frequency of Analysis Sample Type Sample Type Output O	Permitted Feature:				Discharge	e:				S							
Considerations for Form Completion MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT. Principal Executive Officer First Name: Anthony Title: Executive Director Telephone: 502-540-6000 Last Name: Parrott No Data Indicator (NODI) Form NODI: Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quality or Concentration # of Ex. Frequency of Analysis Sample Type	Report Dates & Status																
MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT. Principal Executive Officer First Name: Anthony Title: Executive Director Telephone: 502-540-6000 Last Name: Parrott No Data Indicator (NODI) Form NODI: Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quality or Concentration # of Ex. Frequency of Analysis Sample Type (Parameter)	Monitoring Period:	From 03/01/17 to 03/31/17			DMR Due	Date:		04/2	8/17			Status:		NetDMR	Validated		
Principal Executive Officer First Name: Anthony Title: Executive Director Telephone: 502-540-6000 Last Name: Parrott No Data Indicator (NODI) Form NODI: Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quality or Concentration # of Ex. Frequency of Analysis Sample Type	Considerations for Form Comple	etion			1												
First Name: Anthony Title: Executive Director Telephone: 502-540-6000 Last Name: Parrott No Data Indicator (NODI) Form NODI: Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quality or Concentration # of Ex. Frequency of Analysis Sample Type	MONITORING DURING PERIODS	OF SECONDARY BYPASS IN ADD	ITION T	O REGULAI	R MONITO	RING.1 - F	INAL EFFLU	ENTF - SEC	CONDARY BYPAS	SS AFTE	R PRIMARYTREATMI	ENT.					
Last Name: Parrott No Data Indicator (NODI) Form NODI: Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quality or Concentration # of Ex. Frequency of Analysis Sample Type	Principal Executive Officer																
No Data Indicator (NODI) Form NODI: Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quantity or Concentration # of Ex. Frequency of Analysis Sample Type	First Name:	Anthony			Title:			Exec	cutive Director			Telephone:		502-540-	6000		
Form NODI: Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quantity or Concentration # of Ex. Frequency of Analysis Sample Type	Last Name:	Parrott															
Form NODI: Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quantity or Concentration # of Ex. Frequency of Analysis Sample Type	No Data Indicator (NODI)				ļ												
Parameter Monitoring Location Season # Param. NODI Quantity or Loading Quantity or Concentration # of Ex. Frequency of Analysis Sample Type																	
Code Name Ouglifier 1 Value 1 Qualifier 2 Value 2 Unite Qualifier 2 Value 2 Qualifier 2 Value 2 Unite		Monitoring Location	Season #	# Param. NOD	I		Q	uantity or Lo	ading			Quality or Cond	entration		# of I	Ex. Frequency of Analysis	Sample Type
	Code Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1 Value 1 Qualif		Qualifier 3		Units		
Sample = 92 = 127 19 - mg/L 01/08 - Once Every 8 Days CP - COMPC 00310 BOD, 5-day, 20 deg. C 1 - Effluent Gross 0 Permit Req.	00310 BOD 5-day 20 deg C	1 - Effluent Gross	0								=						
Value NODI	00010 BOB, 5 day, 25 deg. 5	1 Emach Gloss										red Mon Mo XVC		red Mon MX WICK	13 Hig/L	WITE WHICH DISCHARGING	g or colvil co
Sample = 214 = 228 19 - mg/L 01/08 - Once Every 8 Days CP - COMPC											-				_		
00310 BOD, 5-day, 20 deg. C F - Primary/Prelimary Process Complete 0 Permit Req. WH/DS - When Discharging CP - COMPC	00310 BOD, 5-day, 20 deg. C	F - Primary/Prelimary Process Complete	0									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS
Sample											=	152	=	222	19 - mg/L	01/08 - Once Every 8 Days	CP - COMPOS
00530 Solids, total suspended 1 - Effluent Gross 0 Permit Req. 0 WH/DS - When Discharging CP - COMPC	00530 Solids, total suspended	1 - Effluent Gross	0									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS
Value NODI Sample 19 - mg/L 01/08 - Once Every 8 Days CP - COMPC											_	304	_	450	19 - ma/l	01/08 - Once Every 8 Days	CP - COMPOS
00530 Solids, total suspended F - Primary/Prelimary Process Complete 0 Permit Req. Req Mon MO AVG Req Mon MX WK AV 19 - mg/L 0 WH/DS - When Discharging CP - COMPC	00530 Solids, total suspended	F - Primary/Prelimary Process Complete	0												_		
Value NODI Value NODI																	
Sample = 10.5 = 12.1 19 - mg/L 01/08 - Once Every 8 Days CP - COMPC 00610 Nitrogen, ammonia total [as N] 1 - Effluent Gross 0 Permit Req.	00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	0								=						
Value NODI	oco ro ratiogori, ariinionia total [ac 14]	- Emacric Gross										rtoq mon mo /tv o		rtoq Mon Wix With	To mg/L	Will Discharging	9 01 001111 00
Sample = 16.4 = 19.2 19 - mg/L 01/08 - Once Every 8 Days CP - COMPC											-						
00610 Nitrogen, ammonia total [as N] F - Primary/Prelimary Process Complete 0 Permit Req. WH/DS - When Discharging CP - COMPC	00610 Nitrogen, ammonia total [as N]	F - Primary/Prelimary Process Complete	0									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	g CP - COMPOS
Sample = 17.99 = 14.43 03 - MGD 01/08 - Once Every 8 Days CN - CONTIN							7.99	-	14.43	03 - MGD						01/08 - Once Every 8 Days	CN - CONTIN
50050 Flow, in conduit or thru treatment plant F - Primary/Prelimary Process Complete 0 Permit Req. Req Mon MX WK AV 03 - MGD 0 WH/DS - When Discharging CN - CONTIN	50050 Flow, in conduit or thru treatment pla	ant F - Primary/Prelimary Process Complete	0				teq Mon MO AV	/G	Req Mon MX WK AV	03 - MGD					0	WH/DS - When Discharging	CN - CONTIN
Value NODI	Outrois is a No. (s				Value NOD												
Submission Note			t T 1			University of Call	da		and annual limita. Nive		F	- f A b 0 -	and Ton				
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.	•	n any values for the Sample nor Επία	ent Tradi	ling, then noi	ne of the fo	ollowing field	as wiii de sud	mitted for tr	nat row: Units, Nui	nber of t	Excursions, Frequency	of Analysis, and Sa	impie i yp	oe.			
Edit Check Errors																	
No errors.																	
Comments	Comments																
Attachments																	
No attachments. Report Last Saved By																	
Morris Forman WQTC MSD																	
		ijovillomod org							Dots/Time	. .		2047.04.03	10.00	(Time Zana: 04:0)	2)		
User: robin.burch@louisvillemsd.org Date/Time: 2017-04-27 12:22 (Time Zone: -04:00)		aisvinemsu.org							Date/Time	5 .		2017-04-27	12.22	(Time Zone: -04:00	0)		
Name: Robin Burch F-Mail: robin burch@louisvillemsd.org		ijavillamad org															

DMR Copy of Record

Permit Morris Forman WQTC MSD Permit #: KY0022411 Permittee: Facility: MORRIS FORMAN WQTC MSD Major: Yes Permittee Address: 700 W Liberty St **Facility Location: 4522 ALGONQUIN PKWY** Louisville, KY 40203 LOUISVILLE, KY 40211 **Permitted Feature:** 001 Discharge: 001-Y BIOMONITORING/ONCE PER QUARTER External Outfall Report Dates & Status From 01/01/17 to 03/31/17 **DMR Due Date:** 04/28/17 Status: **NetDMR Validated Monitoring Period: Considerations for Form Completion Principal Executive Officer** Title: **First Name:** Anthony **Executive Director** Telephone: 502-540-6000 **Last Name:** Parrott No Data Indicator (NODI) Form NODI: Monitoring Location Season # Param. NODI **Quantity or Loading Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Code Value 2 Qualifier 3 Value 3 Units Sample 19 - mg/L 01/90 - Quarterly CP - COMPOS 00900 Hardness, total [as CaCO3] Req Mon MO AVG CP - COMPOS 1 - Effluent Gross 0 Permit Red Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly Value NOD Sample 19 - mg/L CP - COMPOS 0.05 01/90 - Quarterly 0.05 01025 Cadmium, dissolved [as Cd] 1 - Effluent Gross 0 Permit Req. Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 0 01/90 - Quarterly CP - COMPOS Value NODI CP - COMPOS Sample 0.01 0.01 19 - mg/L 01/90 - Quarterly 01040 Copper, dissolved [as Cu] 1 - Effluent Gross Permit Req Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly CP - COMPOS Value NODI CP - COMPOS Sample 0.05 0.05 19 - mg/L 01/90 - Quarterly CP - COMPOS 01049 Lead, dissolved [as Pb] 1 - Effluent Gross 0 Permit Req Reg Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly Value NODI 01/90 - Quarterly CP - COMPOS Sample 0.05 0.05 19 - mg/L 01090 Zinc, dissolved [as Zn] 1 - Effluent Gross Reg Mon MO AVG Req Mon DAILY MX 19 - mg/L CP - COMPOS 0 Permit Rea 01/90 - Quarterly Value NODI Sample 0.05 01/90 - Quarterly CP - COMPOS 0.05 19 - mg/L 01094 Zinc, total recoverable 1 - Effluent Gross 0 Permit Req. Reg Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly CP - COMPOS Value NODI Sample 01/90 - Quarterly CP - COMPOS 0.05 0.05 19 - mg/L 01113 Cadmium, total recoverable 1 - Effluent Gross Permit Req Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly CP - COMPOS Value NODI CP - COMPOS Sample 0.05 0.05 19 - mg/L 01/90 - Quarterly CP - COMPOS 01114 Lead, total recoverable 1 - Effluent Gross 0 Permit Red Req Mon MO AVG Req Mon DAILY MX 19 - mg/L 01/90 - Quarterly Value NODI Sample 0.01 0.01 01/90 - Quarterly CP - COMPOS 19 - mg/L Req Mon DAILY MX 19 - mg/L 01119 Copper, total recoverable 1 - Effluent Gross Permit Rea. Rea Mon MO AVG 01/90 - Quarterly CP - COMPOS Value NODI G2 - GRAB-2 Sample 2F - tox acute 01/90 - Quarterly 61406 Toxicity, final conc toxicity units 1 - Effluent Gross Permit Req 1 DAILY MX 2F - tox acute 0 01/90 - Quarterly G2 - GRAB-2 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: robin.burch@louisvillemsd.org Date/Time: 2017-04-27 12:22 (Time Zone: -04:00) Robin Burch Name:

E-Mail: robin.burch@louisvillemsd.org

Format: Month/Day/Year

Enter Start Date:

3/1/17

MORRIS FORMAN WATER QUALITY TREATMENT CENTER

JEFFERSON COUNTY, KENTUCKY

MONTH OF

March-17

KPDES PERMIT NO. KY0022411 PLANT CAPACITY -120 MGD RECEIVING STREAM-OHIO RIVER

			Γ	-	- CAAD	T										1														
	WAS	TEWATER FLO	ows		EMP EGF)		pH		ETS M/L)	TSS	i	D.O.		5-DAY BOD									г							
	1	Million Gallons	- h					(11	^{n(L)}	(1	mg/L)	(mg/L)		(mg/L)		 	2-1							ACTIVE		CH	LORINATION	4	FINA	ıL
	Final	Sec.					,		1					prim.		FLOW	Return Sludge TSS	TVCC	200		RATION BASIN			Sludge	Primary	Chlori		Fecal	EFFLU	ENT
DATE	Effluent	Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	final	final	MG	mg/L	TVSS mg/l	DO mg/l	MLSS g/L	MLVSS	SET	SVI	Wasted	Sludge		Residual	Coliform	NH3-N	Pump.
3/1/17	161.84	125.76	36.08	61	61	6.8	6.6	8.0	4.4	276	154	3.9	92	106	73		18.3	15.4	12.8	3.2	g/L 2.7	196	62	MG 1.47	MG 0.42	KLBS	mg/L	#/100 ml	mg/L	Hours
3/2/17	116.86	116.86	0.00	59	59	6.9	6.7	8.5	0.2	208	23	7.2	167	154	14	26.8	17.9	14.7	13.6	4.6	3.7	217	59	1.47	0.42	4.58 2.67	0.016	800	7.4	14.5
3/3/17	100.19	100.19	0.00	58	58	7.2	6.6	11.5	0.1	248	14	7.4	226	159	11	26.9	21.8	17.8	14.5	3.0	2.4	202	57	1.38	0.44	1.52	i	168 260	7.8	24.0
3/4/17	90.96	90.96	0.00	57	57	7.2	6.7	11.0	0.1	254	20	7.1	234	244	10	27.0	19.8	16.3	13.4	4.2	3.3	236	57	1.34	0.16	1.46	0.016 0.016	1	9.4 9.6	24.0
3/5/17	79.64	79.64	0.00	59	59	7.2	6.4	10.9	0.1	296	18	7.0	270	187	14	25.3	19.9	16.4	16.2	3.5	2.9	238	59	1.32	0.30	1.48	0.016	70	9.6	24.0
3/6/17	96,41	96.41	0.00	61	61	7.1	6.4	15.0	0.1	584	43	8.4	298	244	23	27.1	18.3	15.2	17.4	4.4	3.6	251	58	1.31	0.45	1.63	0.016	22	12.5	24.0
3/7/17	156.70	118.21	38.49	61	61	6.8	6.5	10.9	6.3	360	242	4.7	210	349	148	27.4	18.0	15.1	13.9	3.8	3.2	247	61	1.32	0.39	5.20	0.016	215	8.8	24.0
3/8/17	122.53	118.01	4.52	60	60	6.9	6.6	15.0	0.2	428	41	4.5	259	162	29	27.9	17.6	14.5	12.0	3.4	2.8	217	61	1.28	0.32	3.38	0.016	108	6.5	24.0
3/9/17	100.70	100.70	0.00	62	62	6.8	6.4	14.5	0.1	408	45	5.8	345	265	27	28.3	17.7	14.4	12.5	3.5	2.9	199	62	1.26	0.32	2.42	0.016	709	10.3	24.0
3/10/17	90.22	90.22	0.00	62	62	7.2	6.5	16.1	0.2	374	31	5.9	374	327	24	28.0	17.0	14.3	11.9	4.1	3.8	213	60	1.28	0.43	2.85	0.016	210	14.8	24.0
3/11/17	84.44	84.44	0.00	60	60	7.0	6.6	16.0	1.5	412	113	5.7	398	466	53	28.0	19.6	16.3	10.3	3.9	3.5	252	61	1.29	0.40	2.58	0.016	96	10.9	24.0
3/12/17	76.95	76.95	0.00	59	59	7.0	6.5	14.5	0.4	420	56	4.9	396	313	38	29.0	20.2	16.7	10.6	4.4	3.8	269	60	1.33	0.38	1.86	0.016	56	8.4	24.0
3/13/17	87.02	87.02	0.00	58	58	6.9	6.2	18.8	0.4	748	63	6.1	340	368	36	28.9	20.0	16.0	12.1	5.7	4.6	260	58	1.32	0.37	2.00	0.016	98	10.5	24.0
3/14/17	77.30	77.30	0.00	59	59	6.8	6.4	19.0	1.8	508	109	6.2	377	272	77	29.4	19.2	15.8	10.6	4.3	3.5	291	59	1.30	0.38	2.17	0.016	70	13.9	16.5
3/15/17	74.74	74.74	0.00	57	57	6.9	6.5	20.0	0.6	496	75	5.8	332	350	53	29.7	18.7	15.4	10.3	4.7	3.9	310	59	1.23	0.39	2.64	0.016	34	15.8	0.0
3/16/17	69.31	69.31	0.00	57	57	7.0	6.6	16.4	0.4	508	65	5.4	461	318	41	29.2	18.9	15.7	7.3	4.0	3.3	316	62	1.30	0.41	2.48	0.016	17	16.0	0.0
3/17/17	78.42	78.42	0.00	59	59	6.9	6.6	20.4	1.3	524	108	7.7	524	438	67	29.1	18.4	15.5	10.6	5.0	4.2	302	63	1.31	0.34	2.85	0.016	38	18.5	0.0
3/18/17	71.79	71.79	0.00	61	61	6.8	6.6	21.0	0.2	540	50	4.6	499	309	38	29.9	18.9	16.0	10.2	4.5	4.0	324	65	1.37	0.47	2.76	0.016	42	19.2	0.0
3/19/17	63.73	63.73	0.00	61	61	7.0	6.4	18.4	0.2	492	43	4.7	304	289	30	29.5	17.9	15.2	9.4	5.1	4.4	368	66	1.40	0.49	2.53	0.016	214	15.7	0.0
3/20/17	68.02	68.02	0.00	62	62	6.9	6.4	19.6	0.2	540	73	7.1	355	379	41	29.0	17.8	15.2	7.6	5.2	4.5	359	69	1.36	0.47	2.03	0.016	238	19.8	0.0
3/21/17	55.73	55.73	0.00	63	63	6.8	6.4	22.0	0.1	660	22	6.8	489	341	23	29.5	18.2	15.8	7.4	5.3	4.7	449	72	1.30	0.27	1.92	0.016	100	16.9	0.0
3/22/17	57.69	57.69	0.00	63	63	6.8	6.5	17.5	4.4	572	190	5.2	396	444	126	29.1	19.4	16.4	5.3	5.7	4.9	482	75	1.33	0.44	2.34	0.016	123	18.2	0.0
3/23/17	68.47	68.47	0.00	61	61	6.9	6.6	17.8	3.5	616	212	5.1	351	202	97	28.4	19.5	16.8	7.2	5.3	4.6	456	76	1.19	0.41	3.52	0.016	208	19.8	0.0
3/24/17	69.19	69.19	0.00	67	67	6.9	6.4	22.2	2.0	568	170	6.2	463	395	102	28.3	20.1	17.6	8.1	5.9	5.3	367	76	1.09	0.25	3.17	0.016	23	21.6	0.0
3/25/17	66.30	66.30	0.00	67	67	6.7	6.3	25.0	3.5	633	212	6.7	478	298	150	27.6	19.8	17.3	9.2	4.9	4.2	371	76	1.09	0.46	3.48	0.016	6	19.0	0.0
3/26/17	134.93	114.56	20.37	66	66	7.0	6.5	16.1	22.0	396	580	4.4	184	293	316	26.9	19.8	17.1	8.4	8.4	7.2	262	71	1.04	0.43	8.04	0.016	11	12.2	0.0
3/27/17	111.70	97.74	13.96	65	65	7.0	6.5	13.8	0.1	398	37	5.8	187	123	34	26.9	19.3	16.8	7.2	5.1	4.4	237	67	1.04	0.45	3.13	0.016	172	13.0	0.0
3/28/17	95.31	86.36	8.95	65	65	6.9	6.4	20.0	0.3	420	48	7.7	249	156	32	26.7	19.2	16.6	6.2	4.1	3.6	254	64	1.09	0.42	2.52	0.016	136	11.1	0.0
3/29/17	76.43	76.43	0.00	66	66	6.8	6.5	17.0	0.3	460	50	5.0	262	256	23	26.3	20.7	18.2	2.7	4.9	4.5	276	60	0.97	0.29	2.01	0.016	37	14.4	6.4
3/30/17	90.31	88.80	1.51	66	66	7.0	6.5	28.0	0.1	476	32	5.7	350	240	25	26.2	19.6	16.8	5.9	4.5	3.9	277	56	1.12	0.51	2.18	0.016	47	14.9	24.0
3/31/17	136.36	116.39	19.97	62	62	7.0	6.4	14.0	0.7	408	84	3.0	276	285	78	26.1	19.7	17.0	10.4	4.4	3.7	230	55	1.10	0.49	4.60	0.016	390	10.0	24.0
Sum	2830.2	2686.3	143.9												T	866.5				1				38.991	12.061					373.4
Average	91.3	86.7	18.0	61.4	61.4	6.9	6.5	16.7	1.8	459.1	97.5	5.9	327.3	281.7	59.8	28.0	19.1	16.1	10.2	4.6	3.9	287.9	63.4	1.3	0.4	2.8	0.016	82.4	13.4	
SEWER CON	IECTIONS		147477 TI	MES 4 =		580008 SEV	WER POPULA	ATION			0.	ID WASTED!	ODI II ATIONI															***		

SEWER CONNECTIONS

147477 TIMES 4 =

589908 SEWER POPULATION

IND. WASTER POPULATION EQ

CUSTOMERS FLOW

BOD TSS

291810 901082 1102290

373

Month of	Mar-17			
Average Flow				
	Primary		Secondary	
SETTLING TANKS	<u></u>	Battery A	Battery B	Battery C
Average Flow (NACD)	92.58	23.56	24.47	10.56
Average Flow (MGD)	4.00	23.30 6.0		3.0
Tanks in Service				
Surface Area (Ft.2)	77000.00			
Volume (MG)	8.33	5.32		2.65
Weir Length (Ft.)	2860.00	2151.00	2509.50	1072.88
Avg. Weir Overflow (GPD/Ft)	32370.75	10954.16	9750.01	9840.72
Avg. Settling Rate (GPD/Ft2)	1202.34	646.67	619.79	601.57
Avg. Detention Time	2.16	5.41	6.08	6.03
AERATION TANKS]	Battery A	Battery B	Battery C
Volume (Gallons)		4200000	4200000	2100000
Avg. Flow (MGD)		33.56	37.53	15.57
Avg. Detention Time (Hours)		4.28	4.12	4.77
CHLORINE CONTACT CHAMBERS]			
Contact Chambers in Use	2.0	ı		
Volume (Gallons)	2340000	†		

1.19

Avg. Detention Time (Hours)

Remarks: BY-PASS REPORTS (See Attached)





DISREV

KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

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

SMH Sewer Manhole 08717 3726 FINCASTLE RD SOUTH FORK BEARGRASS CREEK GROUND

Activity Code / Description WO # Ref No Initiated **Initiated By** Assigned To **Disch Status Event Date Problem** Completed Condition Result : DISREV: RAIN EVENT 2690705 03/01/2017 LOGAN JR MITCHELL DOCUMENTED 12/15/2007 LACK OF UNAUTHORIZED 03/01/17 02:28 DISCHARGE SYSTEM DISCHAGE - WATERS PM CAPACITY

Discharge Reporting:

Discharge Amount:	49,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691164
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'

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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	08935-SM	1001 BRECKENRIDGE LN		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2690717		03/01/2017	LOGAN JR	MITCHELL	DOCUMENTED	11/29/2001	LACK OF	UNAUTHORIZED	03/01/17 07:14	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

Discharge Reporting:

Discharge Amount:	1,425,772 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'

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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	16649	1726 FRASER DR		SOUTH FORK BEARGRASS CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2690713		03/01/2017	LOGAN JR	MITCHELL	DOCUMENTED	01/24/2002	LACK OF	UNAUTHORIZED	03/01/17 05:15	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

Discharge Reporting:

Discharge Amount:	12,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691237
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'





KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28249	3500 ST EDWARDS DR		CHENOWETH RUN	DITCH

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2690777		03/01/2017	LOGAN JR	MITCHELL	DOCUMENTED	03/12/2006	LACK OF	UNAUTHORIZED	03/01/17 01:30	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

Discharge Reporting:

Discharge Amount:	7,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691154
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'

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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28250	3506 CHARLANE PKY		CHENOWETH RUN	DITCH

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2690761		03/01/2017	LOGAN JR	MITCHELL	DOCUMENTED	01/03/2005	LACK OF	UNAUTHORIZED	03/01/17 01:27	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

Discharge Reporting:

Discharge Amount:	7,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691147
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'





KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28336	9707 WILLOWWOOD WAY		CHENOWETH RUN	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2690779		03/01/2017	LOGAN JR	MITCHELL	DOCUMENTED	08/30/2005	LACK OF	UNAUTHORIZED	03/01/17 01:35	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

Discharge Reporting:

Discharge Amount:	7,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691158
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'

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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

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

Activity Code / Description	WO # Ref N	o Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2690756	03/01/2017	LOGAN JR	MITCHELL	DOCUMENTED	10/28/2015	LACK OF	UNAUTHORIZED	03/01/17 01:25	
DISCHARGE							SYSTEM	DISCHAGE - WATERS	PM	
							CAPACITY			

Discharge Reporting:

Discharge Amount:	7,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691141
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'





KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	45796	1011 ALTA CIR		MIDDLE FORK BEARGRASS CREEK	DITCH

Activity Code / Description	<u>WO #</u>	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2690997		03/01/2017	LOGAN JR	MITCHELL	DOCUMENTED	05/10/2014	LACK OF	UNAUTHORIZED	03/01/17 06:19	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

Discharge Reporting:

Discharge Amount:	180,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691234
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'





KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	45835	1132 ROSTREVOR CIR		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2690995		03/01/2017	LOGAN JR	MITCHELL	DOCUMENTED	09/02/2003	LACK OF	UNAUTHORIZED	03/01/17 06:10	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

Discharge Reporting:

Discharge Amount:	49,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691232
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'





DISREV

KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to SMH Sewer Manhole 47582 201 BULLITT LN MIDDLE FORK BEARGRASS CREEK STREAM

WO # **Activity Code / Description** Ref No Initiated **Initiated By** Assigned To **Disch Status Event Date Problem** Completed Condition Result : DISREV: RAIN EVENT 2691052 03/01/2017 LOGAN JR MITCHELL DOCUMENTED 12/05/2011 LACK OF UNAUTHORIZED 03/01/17 06:50 DISCHARGE SYSTEM DISCHAGE - WATERS PM CAPACITY

Discharge Reporting:

Discharge Amount:	12,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691236
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

3/1/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'

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DISREV

KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

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

SMH Sewer Manhole 47583 202 OXMOOR LN MIDDLE FORK BEARGRASS CREEK STREAM

WO# **Activity Code / Description** Ref No Initiated **Initiated By** Assigned To **Disch Status Event Date Problem** Completed Condition Result : DISREV: RAIN EVENT 2691049 03/01/2017 LOGAN JR MITCHELL DOCUMENTED 02/06/2008 LACK OF UNAUTHORIZED 03/01/17 06:45 DISCHARGE SYSTEM DISCHAGE - WATERS PM CAPACITY

Discharge Reporting:

Discharge Amount:	162,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691235
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

3/1/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'

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DISREV

KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411MSD0278MORRIS FORMANOHIO RIVERWEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to
SMH Sewer Manhole 51160 3305 INDIAN CREEK CT SOUTH FORK BEARGRASS CREEK GROUND

WO # **Activity Code / Description** Ref No Initiated **Initiated By Assigned To Disch Status Event Date Problem** Completed Condition Result : DISREV: RAIN EVENT 2690979 03/01/2017 LOGAN JR MITCHELL DOCUMENTED 04/04/2008 LACK OF UNAUTHORIZED 03/01/17 01:53 DISCHARGE SYSTEM DISCHAGE - WATERS PM CAPACITY

Discharge Reporting:

Discharge Amount:	15,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691162
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'

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Initiated Mar 01, 2017 12:00 AM thru Mar 31, 2017 11:59 PM

Report Selections: Period: 03/01/2017 00:00 thru 03/31/2017 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SV Sewer Valve	66279A-V	7305 BROWNSBORO RD		GOOSE CREEK	GROUND

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISDW: DRY WEATHER	2696473		03/11/2017	ROTTET JR	MORRIS	REPAIRED -	03/11/2017	MECHANICAL	UNAUTHORIZED	03/11/17 07:00	MAIN
DISCHARGE						ISSUE		FAILURE	DISCHAGE - WATERS	PM	
						RESOLVED					

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	AIR RELIEF VALVE FAILED AND WAS LEAKING OUT OF TOP OF VALVE
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMP. SIGNS PLACED AT DISCHARGE SITE AND NOTIFIED HOMEOWNER TO AVOID AREA
Impact:	SEWAGE
Repair:	SHUT OFF OLD BROWNSBORO PLACE PUMP STATION TO STOP DISCHARGE. SHUT OFF VALVE UNDER AIR RELIEF TO ALLOW
	FOR REPLACEMENT OF VALVE
Public Notification:	DISDW PAGE SENT OUT

Notifications:

3/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'

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KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	66349	3726 FINCASTLE RD		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
: DISREV: RAIN EVENT	2690703		03/01/2017	LOGAN JR	MITCHELL	DOCUMENTED	03/04/2008	LACK OF	UNAUTHORIZED	03/01/17 05:28	
DISCHARGE								SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

Discharge Reporting:

Discharge Amount:	450 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2690731
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG,
		SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'

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DISREV

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

KY0022411 (Cont'd) MSD0278 MORRIS FORMAN OHIO RIVER WEST

WO# Initiated **Initiated By Assigned To Disch Status Event Date Problem** Activity Code / Description Ref No Completed Condition Result 2690781 3/1/2017 MITCHELL LOGAN JR DOCUMENTED 03/04/2008 LACK OF : DISREVRAIN EVENT UNAUTHORIZED 03/01/17 12:05 9:20:00AM SYSTEM DISCHARGE **DISCHAGE - WATERS** PM CAPACITY

Discharge Reporting:

Discharge Amount:	6,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2691056
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

2/25/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'
2/25/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV; CHARLIE.ROTH@KY.GOV'

Total Facilities Printed: 14

Total Work Orders Printed: 15

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