

700 West Liberty Street Louisville Kentucky 40203-1911 502-540-6000 www.msdlouky.org

July 25, 2013

Cheryl Edwards
Permit Support Section
Surface Water Permits Branch
Division of Water
200 Fair Oaks Lane 4<sup>th</sup> 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 June 1<sup>st</sup> to June 30<sup>th</sup> are provided through NetDMR. All permit requirements were met for the month of June, 2013.

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

Sincerely,

Alex E. Novak, P.E. Director of Operations

alep E. Novah

vg

MFDMR0613.doc



## **DMR Copy of Record**

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Permit #: KY0022411

Permittee: MORRIS FORMAN WQTC MSD

Major: Yes

4522 ALGONQUIN PKWY

Facility Location:

Facility:

Status:

MORRIS FORMAN WQTC MSD

LOUISVILLE, KY 40211

Permitted Feature:

External Outfall

Discharge: 001-1
MUNICIPAL DISCHARGE

Permittee Address:

**DMR Due Date:** 

Title:

4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status

Monitoring Period: From 06/01/13 to 06/30/13

001

Heitzman

07/28/13

NetDMR Validated

**Considerations for Form Completion** 

G - INFLUENTE - SECONDARY EFFLUENT1 - FINAL EFFL

Principal Executive Officer

First Name: Greg

Executive Director

Telephone:

502-540-6708

No Data Indicator (NODI)

Form NODI:

Last Name:

Form NODI:																	
Parameter	Monitoring Location	Season # Param. NO	DI		Quantity or Lo	oading					Quality or Cor	ncentration			# of I	Ex. Frequency of Analy	sis Sample Typ
Code Name				Qualifier 1 Value 1	Qualifier	2 Value 2	Units	Qualifier	1 Value 1	Qualifier	2 Value 2	Qualifier 3	3 Value 3	Units			
			Sample					=	5.4					19 - mg/L		01/01 - Daily	GR - GRAB
00300 Oxygen, dissolved (DO)	1 - Effluent Gross	0	Permit Req.					>=	2 INST MIN					19 - mg/L	0	01/01 - Daily	GR - GRAB
			Value NODI														
			Sample	= 11893	=	15186	26 - lb/d			=	17	=	23	19 - mg/L		01/01 - Daily	CP - COMPO
00310 BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	Permit Req.	Req Mon MO A	NVG	Req Mon MX WK AV	/ 26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPO
			Value NODI														
			Sample	= 172924	=	201490	26 - lb/d			=	232	=	302	19 - mg/L		01/01 - Daily	CP - COMPO
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	Permit Req.	Req Mon MO A	NVG	Req Mon MX WK AV	/ 26 - lb/d				Req Mon MO AV	G	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPO
			Value NODI														
			Sample					=	6.2			=	7.3	12 - SU		01/01 - Daily	GR - GRAB
00400 pH	1 - Effluent Gross	0	Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	0	01/01 - Daily	GR - GRAB
			Value NODI														
			Sample	= 8364	=	10122	26 - lb/d			=	12	=	16	19 - mg/L		01/01 - Daily	CP - COMPO
00530 Solids, total suspended	E - Secondary/Biological Process Complete	0	Permit Req.	Req Mon MO A	NVG	Req Mon MX WK AV	/ 26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPO
			Value NODI														
			Sample	= 221118	=	232501	26 - lb/d			=	275	=	328	19 - mg/L		01/01 - Daily	CP - COMPO
00530 Solids, total suspended G - Raw Sewage Influent	0	Permit Req.	Req Mon MO A	NVG	Req Mon MX WK AV	/ 26 - lb/d				Req Mon MO AV	G	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPO	
		Value NODI															
			Sample	= 5644	=	8505	26 - lb/d			=	8.4	=	13.4	19 - mg/L		01/01 - Daily	CP - COMPO
00610 Nitrogen, ammonia total (as N)	E - Secondary/Biological Process Complete	0	Permit Req.	Req Mon MO A	VG	Req Mon MX WK AV	/ 26 - lb/d			<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPO
			Value NODI														
			Sample	= 9322	=	10037	26 - lb/d			=	12.6	=	15.6	19 - mg/L		01/01 - Daily	CP - COMPO
00610 Nitrogen, ammonia total (as N)	G - Raw Sewage Influent	0	Permit Req.	Req Mon MO A	NVG	Req Mon MX WK AV	/ 26 - lb/d				Req Mon MO AV	G	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPO
			Value NODI														
			Sample	= 88.32	=	134.5	03 - MGE	D								99/99 - Continuous	CN - CONTIN
50050 Flow, in conduit or thru treatment plar	nt E - Secondary/Biological Process Complete	0	Permit Req.	Req Mon MO A	VG	Req Mon DAILY MX	03 - MGE	D							0	99/99 - Continuous	CN - CONTIN
			Value NODI														
			Sample									<	0.01	19 - mg/L		01/01 - Daily	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	0	Permit Req.									<=	.019 DAILY MX	19 - mg/L	0	01/01 - Daily	GR - GRAB
			Value NODI														
			Sample							-	13	-	38	13 - #/100m	ıL	01/01 - Daily	GR - GRAB
74055 Coliform, fecal general	1 - Effluent Gross	1	Permit Req.							<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100m	ıL 0	01/01 - Daily	GR - GRAB
			Value NODI														
			Sample					-	92					23 - %		01/30 - Monthly	CA - CALCTE
81010 BOD, 5-day, percent removal	K - Percent Removal	0	Permit Req.					>=	85 MO MIN					23 - %	0	01/30 - Monthly	CA - CALCTE
			Value NODI														
			Sample					-	94					23 - %		01/30 - Monthly	CA - CALCTE
81011 Solids, suspended percent removal	K - Percent Removal	0	Permit Req.					>=	85 MO MIN					23 - %	0	01/30 - Monthly	CA - CALCTE
			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				
	Na	ame	Туре	Size
201306MFWQTC_0	Overflow.pdf		pdf	167643
MFWQTC0613COV	/ERLETTER.pdf		pdf	15954
MFWQTC0613MOF	R.pdf		pdf	34660
Report Last Save	ed By			
MORRIS FORMA	N WQTC MSD			
User:	richgalardi	Date/Time:	2013-07-24 10:19 (Time Zone: -04:00)	
Name:	Richard Galardi	·		
E-Mail:	rich.galardi@louisvillemsd.org			

# **DMR Copy of Record**

Permit																	
Permit #:		KY0022411			Permittee:			MORRIS	FORMAN WQTO	C MSD		Facility:		MORRI	S FORMAN V	VQTC MSD	
Major:		Yes			Permittee A	ddress:			GONQUIN PKWY LLE, KY 40211	′		Facility Locati	on:		GONQUIN P		
Permitted Feature:		001 External Outfall			Discharge:			001-B SECOND	ARY BYPASS								
Report Dates & Sta	ntus			·													
<b>Monitoring Period:</b>		From 06/01/13 to 06/30/13			DMR Due Da	ate:		07/28/13				Status:		NetDMI	R Validated		
Considerations for	Form Completion	on		·													
MONITORING DUR	ING PERIODS O	F SECONDARY BYPASS IN ADD	T NOITIC	O REGUL	AR MONITO	RING.1 - FI	NAL EFFLUE	NTF - SEC	ONDARY BYPA	SS AFTE	R PRIMARYTREATMEN	NT.					
Principal Executive	e Officer																
First Name:		Greg			Title:			Executive	Director			Telephone:		502-540	0-6000		
Last Name:		Heitzman										•					
No Data Indicator (	NODI)																
Form NODI:																	
Parame	eter	Monitoring Location	Season	# Param. NO	DI		Qu	antity or Loa	ding			Quality or Con	centration		# of E	Ex. Frequency of Analysis	Sample Type
Code Na	ame					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1 Value 1 Qualifier		Qualifier		Units	10/00 10 D 11	00.0011000
00310 BOD, 5-day, 20 de	a. C	1 - Effluent Gross	0		Sample Permit Req						=	18 Reg Mon MO AVO	= 3	25 Req Mon MX WK AV	19 - mg/L 19 - mg/L 0	13/30 - 13 Per Month WH/DS - When Discharging	CP - COMPOS
,,,,,,	<b>.</b>				Value NOD										, J		,
20042 DOD 5 1 00 1	0	- D: (D    D    O    )			Sample						=	120	=		19 - mg/L	13/30 - 13 Per Month	CP - COMPOS
00310 BOD, 5-day, 20 de	g. C	F - Primary/Prelimary Process Complete	0		Permit Req Value NOD							Req Mon MO AVO	j .	Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS
					Sample						-	7	=	10	19 - mg/L	13/30 - 13 Per Month	CP - COMPOS
00530 Solids, total susper	nded	1 - Effluent Gross	0		Permit Req							Req Mon MO AVO	6	Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS
					Value NOD Sample						=	116	=	158	19 - mg/L	13/30 - 13 Per Month	CP - COMPOS
00530 Solids, total susper	nded	F - Primary/Prelimary Process Complete	0		Permit Req							Req Mon MO AVO		Req Mon MX WK AV	_	WH/DS - When Discharging	
					Value NOD	1						20.0			10 //	10/00 10 D 11 11	00.0011000
00610 Nitrogen, ammonia	a total (as N)	1 - Effluent Gross	0		Sample Permit Req						=	28.3 Req Mon MO AVO	= 3	36 Req Mon MX WK AV	19 - mg/L 19 - mg/L 0	13/30 - 13 Per Month WH/DS - When Discharging	CP - COMPOS
	,				Value NOD							·		·			
00040 Nitra and a service in	. 4-4-1 ( NI)	E. Driver of Bradien on Brades of Consulator	0		Sample						=	12.8	=	17.1	19 - mg/L	13/30 - 13 Per Month	CP - COMPOS
00610 Nitrogen, ammonia	i totai (as IN)	F - Primary/Prelimary Process Complete	U		Permit Req Value NOD							Req Mon MO AVO	7	Req Mon MX WK AV	19 - mg/L U	WH/DS - When Discharging	CP - COMPOS
					Sample	= 2	3.15		32.69	03 - MGD						13/30 - 13 Per Month	CN - CONTIN
50050 Flow, in conduit or	thru treatment plant	F - Primary/Prelimary Process Complete	0		Permit Req		eq Mon MO AVG	3	Req Mon MX WK AV	03 - MGD					0	WH/DS - When Discharging	CN - CONTIN
Submission Note					Value NOD												
	ana nat cantain a	ny values for the Cample per Efflu	ont Tro	dina than n	one of the fa	llowing field	مطيبه مطالنين ملا	nittad far th	ot roug Unito Nu	mbar of [	Evauraiana Eraguanay a	f Analysis and C	amala Tur				
	des not contain a	ny values for the Sample nor Efflu	ent mat	aing, men n	one or the ic	mowing neic	is will be subil	ilittea for tri	at 10w. Offits, Nu	ilibei oi i	Excursions, Frequency o	i Alialysis, aliu Se	ampie ryp	e.			
Edit Check Errors																	
No errors.																	
Comments																	
Attachments																	
No attachments.  Report Last Saved	Rv																
MORRIS FORMAN																	
							Doto/Tir	mo:			2012.07	24 10:21 /Time	Zono: 0	1:00)			
User:	richgalardi	di					Date/Tir	ne.			2013-07-	-24 10:21 (Time	Zone0	+.00)			
Name: E-Mail:	Richard Galardi @lou																
L⁻IVIaII.	nun.yalalul@l0U	novincinou.uiy															

## **DMR Copy of Record**

Permit Permit #: KY0022411 Permittee: MORRIS FORMAN WQTC MSD Facility: MORRIS FORMAN WQTC MSD Major: Yes Permittee Address: 4522 ALGONQUIN PKWY **Facility Location: 4522 ALGONQUIN PKWY** LOUISVILLE, KY 40211 LOUISVILLE, KY 40211 **Permitted Feature:** 001 Discharge: 001-Y External Outfall **BIOMONITORING/ONCE PER QUARTER** Report Dates & Status From 04/01/13 to 06/30/13 **DMR Due Date:** Status: **NetDMR Validated Monitoring Period:** 07/28/13 **Considerations for Form Completion Principal Executive Officer** Greg Title: **First Name: Executive Director** Telephone: 502-540-6000 **Last Name:** Heitzman 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 Name 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 Req Mon DAILY MX 19 - mg/L CP - COMPOS 1 - Effluent Gross 0 Permit Red 01/90 - Quarterly Value NOD CP - COMPOS Sample 0.003 01/90 - Quarterly 0.003 19 - mg/L 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 0.007 0.007 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 0.008 0.008 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 0.07 0.07 19 - mg/L Req Mon MO AVG 01090 Zinc, dissolved (as Zn) 1 - Effluent Gross Req Mon DAILY MX 19 - mg/L CP - COMPOS 0 Permit Rea 01/90 - Quarterly Value NODI Sample 0.07 0.07 01/90 - Quarterly CP - COMPOS 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 0.003 0.003 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 0.008 0.008 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 0.032 0.032 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 CP - COMPOS 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: richgalardi Date/Time: 2013-07-24 10:25 (Time Zone: -04:00) Richard Galardi Name:

E-Mail: rich.galardi@louisvillemsd.org

MORRIS FORMAN WATER QUALITY TREATMENT CENTER

PLANT CAPACITY - 120 MGD

KPDE8 PERMIT NO. KY0022411

JEFFERSON COUNTY, KENTUCKY

RECEIVING STREAM-OHIO RIVER

MONTH OF

June

2013

SETS 5-DAY BOD ACTIVE CHLORINATION FINAL WASTEWATER FLOWS (DEGF) (M/L) (mg/L) (mg/L) (mg/L) (mg/L) RETURN SLUDGE AERATION BASIN Chlorine **EFFLUENT** Sludge Primary Fecal (Million Gallons) FLOW TSS TVSS D.O MLSS MLVSS SET SVI Dosage Resid Coliform NH3-N Pump. Final Sec. prim. Wasted Studge DATE Effluent Effluent Bypass final raw final raw final raw final raw final final raw final finai MG g/L mg/L α/L MG MG KLBS mg/L #/100 ml mg/L Hours rnw 6.2 200 117.0 109,13 7.87 65 65 7.4 14.0 0.1 288 112 12 26.8 12.7 10.8 14.0 3.0 2.6 268 0.99 0.34 4.07 0.010 10 0.00 6/2 76.94 76,94 0.0 72 72 7.4 6.9 2.5 0.1 112 6.9 119 112 27 26,4 11.0 9.2 15.8 2.9 2.6 246 84 0.92 0.33 2.61 0.010 10 0.00 6.4 131 143 25 26.9 8.5 7.5 13.7 3.2 2.9 230 74 0.80 0.39 2.53 0.010 15 0.00 6/3 73.25 73.25 0.0 69 69 7.1 6.8 27.0 0.1 106 10 156 8 26.5 9.0 8.0 11.7 3.0 2.9 231 77 0.74 0.33 2.51 0,010 18 0,00 6/4 72,78 72.78 0.0 71 71 7.3 6.9 19.0 0.1 482 13 5.7 413 73 73 6.8 31.0 0.1 568 21 6.2 442 196 11 25.8 10.2 8.7 13.7 3.5 3.0 213 62 0.55 0.19 2.43 0.010 17 0.00 6/5 70.44 70.44 0.0 7.1 80 230 358 22.9 11.8 3.0 2.6 248 80 0,53 0.26 2.53 0.010 15 0.00 6/6 74.99 74.99 0.0 71 71 7.3 6.8 1.3 0.1 28 5.7 14 11.1 9.4 17 432 231 22 25.2 12.8 11.2 2,7 2.3 252 90 0.57 0.36 2.45 0.010 0.00 6/7 72.32 72.32 0.0 74 74 72 6.8 24.0 0.1 660 35 5.8 11.5 282 25.9 9.0 2.4 294 98 0.56 0.37 2.48 0.010 16 0.00 6/8 65.97 0.0 72 72 7.2 6.4 20.0 0.1 468 29 7.7 183 14 7.7 11.0 3.1 65.97 71 71 7.5 6.5 19.0 0.1 400 24 6.7 302 168 12 26.1 9.8 8.6 11.5 3,2 2.9 302 0.73 0.29 1.98 0.010 12 0.00 6/9 66.25 66.25 0.0 6/10 110.59 72 72 7,3 6.2 17.1 0.2 544 36 7.1 319 128 25 25.6 11.2 9.5 15.3 3,0 2.4 226 75 0.78 0.31 5.23 0.010 9 0.00 140.78 30,19 73 73 20.0 0.1 522 6.8 427 235 10 25.8 11.7 10,0 15.2 3,9 3.4 281 76 0,80 0.30 3.23 0.010 11 0.00 7.9 6.7 6/11 75.13 75.13 0.0 0.95 0,39 10 0.00 72 224 253 13 26.0 11.4 9,8 10,5 3.2 2.9 247 78 2.70 0.010 6/12 70.32 0.0 78 78 7.5 6.6 1.0 0.1 12 7.1 70.32 0.35 0.00 70 313 333 12 25.6 10.0 8.8 10.7 3.9 3.5 326 85 0.94 2.67 0.010 11 77 77 7.2 6.6 1.7 0.1 21 6.7 6/13 70.06 70,06 0,0 116 244 277 14 25.7 10.9 10.1 11.2 3.6 3.4 338 95 0.91 0.41 2.17 0.010 67 12 0.00 6/14 64.87 64,87 0.0 73 73 7.0 6.5 3.5 0.1 17 6.4 74 74 2.4 6.4 18.0 398 29 6.0 395 324 13 25.8 11.9 10.4 10.8 3.6 3.3 343 93 0.96 0.30 2.17 0.010 13 9 0.00 6/15 63.49 63.49 0.0 0.1 104 28 166 192 25 25.3 10.9 9.3 11.0 3.9 3.3 328 84 1.02 0.32 3.26 0.010 9 15.00 75 75 7.0 9.4 6/16 85.83 73.92 11.91 6.4 2.0 0.1 22 25,9 0.96 0.39 4.58 12 9 24.00 133 10.9 9.7 12.3 3.3 3.1 296 88 0.010 6/17 103.25 82.02 21,23 76 76 7.1 6.5 26.0 0.2 222 24 6.2 125 0.35 173 13.00 12 26,6 12.0 10.5 15.9 2.3 210 89 0.99 5,68 0.010 5 6/18 143.96 126,2 17.76 74 74 7.1 6.6 4.5 0.1 148 19 7.5 132 90 2.4 0.27 0.00 2.8 251 0.97 3.23 10 6 6/19 93.49 93.49 0.0 73 73 7.1 6.7 3,0 0,1 160 13 7.2 168 118 26.2 11.8 10.2 13.0 2.9 86 0.010 9 0.00 74 74 7.2 6.6 20,0 0.1 494 15 6.8 293 155 25.8 10.6 9.1 14.4 3.2 2.9 246 76 0.89 0,26 2.96 0.010 6/20 83.89 83.89 0.0 6.8 25.9 11.8 10.1 13.5 3,5 270 71 0,84 0.29 2.73 0.010 39 9 0.00 75 75 7.5 6.6 16.0 0.1 474 26 255 183 17 4.1 6/21 86,15 82,14 4.01 2.8 296 0.87 0.30 3.58 0.010 6 4 0.00 77 77 7.5 6.6 10.0 0,1 310 6.2 323 214 10 26.1 12.2 10.6 11.0 3,3 88 6/22 88.07 87.4 0.67 0.28 3.35 0.010 0.00 12,7 10.8 13.2 3.1 349 92 1,02 15 4 6/23 83.16 83,16 0.0 75 7.6 6.7 16.0 0.1 86 5.7 122 131 9 25.8 3.7 0.28 8 0.00 12.5 3.2 362 96 1.04 4.28 0.010 6/24 94.92 91.17 3.75 75 75 7.5 6,8 1.0 0.1 106 20 7,5 108 131 11 25.7 12.4 10.6 3.6 11 0.00 6/25 77.01 77.01 77 77 7.4 6.6 4.5 0.1 126 138 125 25.9 11,3 9.9 12.5 3.2 2.8 271 86 0.92 0.34 3.69 0.010 12 0.0 173 110 44 26.4 12.2 10.7 14.8 2.9 2,9 242 83 0.90 0.40 4.87 0.010 2450 8 0.00 6/26 206.94 121.05 85.89 76 76 7.2 6.5 10.0 1.7 412 69 5.4 0.00 62 20 26.4 13.5 10.9 18.6 2,8 1.8 198 72 0.93 0.27 6.00 0,010 88 3 6/27 196.35 134.5 61.85 73 73 7.2 6.7 2.5 0.5 118 46 8.1 93 116 4 0,00 26.2 13.0 10.4 17,2 2.4 2,0 183 76 0.91 0.20 4,20 0,010 145.06 133.8 11.26 74 74 6.9 6.7 7.5 0.1 224 19 8.4 181 101 14 6/28 34 7 0.00 65 15 26.1 13.1 10.6 19.1 2,5 1.9 184 74 0.79 0.25 4.34 0,010 6/29 138.97 121.29 17.68 72 72 7.0 6.6 7.5 0.3 220 25 10.3 126 196 5 0.00 6/30 148,91 122,04 26,87 72 72 7.2 6.5 6.0 0.3 164 28 10.3 69 40 11 26.0 11,0 8,8 19,4 2.6 2.3 178 70 0.80 0.37 4.64 0.010 777,3 25,580 9,490 52.00 2950.6 2649.6 300.9 Total 2.8 264 83 0.32 0.00 7.0 232 169 15 25,9 11.4 9.7 13.6 3,2 0.85 3,44 0.010 10 Average 98.4 88.3 10.0 73 73 7.1 6.6 11.9 0.2 275 23

SEWER CONNECTIONS

130941 TIMES 4 = 523764 SEWER POPULATION

IND. WASTER POPULATION EQ CUSTOMERS 373

FLOW 412919 BOD 593227 TSS 550897

Authorized Agent Authorized Agent Authorized Agent

Certification No. 4663

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of	Jun-13
Average Flow	

	Primary	Secondary			
SETTLING TANKS		Battery A	Battery B	Battery C	
Average Flow (MGD)	100.41	25.46	26.24	13.48	
Tanks in Service	4.00				
Surface Area (Ft.2)	77000.00	60550.00	69200.00	34600.00	
Volume (MG)	8.33	6.20	7.09	3.54	
Weir Length (Ft.)	2860.00	2509.50	2868.00	1434.00	
Avg. Weir Overflow (GPD/Ft)	35107.81	10146.92	9148.27	9402.32	
Avg. Settling Rate (GPD/Ft2)	1304.00	593.54	550.97	492.16	
Avg. Detention Time	1.99	5.85	6.48	6.31	

AERATION TANKS	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	35.94	38.13	17.03
Avg. Detention Time (Hours)	3.96	3.84	3.74

## CHLORINE CONTACT CHAMBERS

Contact Chambers in Use 2.0
Volume (Gallons) 2340000
Avg. Detention Time (Hours) 1.10

Remarks: BY-PASS REPORTS (See Attached)



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	00056-W	804 N ARBOR DR		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939795	6/26/13	MARKS JR	OPS ASHIFT	DOCUMENTED	12/15/2007	LACK OF	UNAUTHORIZED	06/27/13 02:00	
DISCHARGE		11:40 pm					SYSTEM	DISCHAGE - WATERS	PM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	21,500 GAL
Cause:	rain event caused lack of system capacity
Clean Up:	no debris
Control Zone:	temp signs posted
Impact:	sewage observed
Repair:	site found during rain event recon; will monitor & evaluate for repair
Public Notification:	temp signs posted to warn public

6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
6/27/13 2:28 pm	DISNOT	Manual discharge notification sent to eppc.ert@ky.gov; 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	0057-W	806 PINE WAY		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939796	6/27/13	MARKS JR	OPS ASHIFT	DOCUMENTED	03/09/2011	LACK OF	UNAUTHORIZED	06/27/13 03:30	
DISCHARGE		12:05 am					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	5,125 GAL
Cause:	rain event caused a lack of system capacity
Clean Up:	no debris
Control Zone:	temp signs posted
Impact:	sewage observed
Repair:	site found during rain event recon; will monitor & evaluate for repair
Public Notification:	temp signs used to warn public

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	02933	7900 SHELBYVILLE RD		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939809	6/26/13	FIELDS	GRIFFITH	DOCUMENTED	03/04/2008	LACK OF	UNAUTHORIZED	06/27/13 11:00	
DISCHARGE		9:06 pm					SYSTEM	DISCHAGE - WATERS	AM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	19,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940821
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	08717	3726 FINCASTLE RD		SOUTH 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	1939892	6/26/13	MITCHELL	GRIFFITH	DOCUMENTED	12/15/2007	LACK OF	UNAUTHORIZED	06/27/13 12:29	
DISCHARGE		6:51 pm					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	18,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940582
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	08935-SM	1001 BRECKENRIDGE LN		MIDDLE FORK BEARGRASS CREEK	STREAM

<b>Activity Code / Description</b>	WO # Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1931969	6/17/13	FISHER	GRIFFITH	DOCUMENTED	11/29/2001	LACK OF	UNAUTHORIZED	06/18/13 01:47	
DISCHARGE		6:58 pm					SYSTEM	DISCHAGE - WATERS	AM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	372,637 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NO CLEANUP REQUIRED, DISCHARGE PIPE SUBMERGED
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT

6/16/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/16/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org'



KPDES# **Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center** Region MSD0278 MORRIS FORMAN OHIO RIVER WEST KY0022411 (Cont'd)

**WO**# **Disch Status** Condition **Activity Code / Description** Ref No Initiated Initiated By **Assigned To Event Date Problem** Result Completed 1939757 **GRIFFITH GRIFFITH** DOCUMENTED LACK OF DISREV:RAIN EVENT 6/26/2013 11/29/2001 UNAUTHORIZED 06/27/13 09:25 SYSTEM 6:33:00PM DISCHARGE PM

**DISCHAGE - WATERS** CAPACITY

#### Discharge Reporting:

Discharge Amount:	6,639,301 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NO CLEANUP - PIPE DISCHARGE SUBMERGED
Control Zone:	PERMANET SIGNS PLACED AROUND AREA
Impact:	NONE-PIPE SUBMERGED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID CONTACT WITH DISCAHRGE

6/18/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/18/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	104231	4119 LEE AVE		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT	1939981	6/26/13	MITCHELL	GRIFFITH	DOCUMENTED	10/23/2007	LACK OF	UNAUTHORIZED	06/27/13 12:11	
DISCHARGE		6:47 pm					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	6,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940575
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	105936	7713 WESTPORT RD		GOOSE CREEK	GROUND

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT	1940257	6/26/13	FIELDS	GRIFFITH	DOCUMENTED	03/04/2008	LACK OF	UNAUTHORIZED	06/27/13 11:38	
DISCHARGE		10:47 pm					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	122,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940732
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'



KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411 (Cont'd)MSD0278MORRIS FORMANOHIO RIVERWEST

**WO**# **Disch Status** Condition **Activity Code / Description** Ref No Initiated Initiated By **Assigned To Event Date Problem** Result Completed 1939816 **OPS ASHIFT** MARKS JR DOCUMENTED LACK OF DISREV:RAIN EVENT 6/27/2013 03/04/2008 UNAUTHORIZED 06/27/13 05:30

DISCHARGE 12:50:00AM SYSTEM DISCHAGE - WATERS AM

CAPACITY

## Discharge Reporting:

Discharge Amount:	26,000 GAL
Cause:	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMP SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON; WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMP SIGNS USED TO WARN PUBLIC

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	13943	4119 LEE AVE		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO # Ref No	<u>Initiated</u>	<b>Initiated By</b>	Assigned To	Disch Status	<b>Event Date</b>	Problem	Result	Completed	Condition
DISREV:RAIN EVENT	1939983	6/26/13	MITCHELL	GRIFFITH	DOCUMENTED	03/19/2008	LACK OF	UNAUTHORIZED	06/27/13 12:15	
DISCHARGE		10:16 pm					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940577
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	16649	1726 FRASER DR		SOUTH FORK BEARGRASS CREEK	DITCH

<b>Activity Code / Description</b>	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1940655		6/26/13	FISHER	GRIFFITH	DOCUMENTED	01/24/2002	LACK OF	UNAUTHORIZED	06/27/13 01:15	
DISCHARGE			6:00 pm					SYSTEM	DISCHAGE - WATERS	AM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	3,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940835
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS

6/29/13 9:52 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/28/13 2:50 pm	DISNOT	Notification was sent automatically by DNS for this invalid criteria email. No additional notification will be sent.



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 Addres	ss	If Pump Sta	tion, Name of Pu	mp Station:	Receiving Stream	Discha	rge to
SMH Sewer Manhole	21628-W		7404 ARROW	WOOD RD				GOOSE 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	1939791	6/26/13	MARKS JR	OPS CSHIFT	DOCUMENTED	12/16/2000	LACK OF	UNAUTHORIZED	06/26/13 08:40	

DISCHARGE 8:15 pm SYSTEM DISCHAGE - WATERS PM CAPACITY

## Discharge Reporting:

Discharge Amount:	625 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED AREA
Control Zone:	TEMP SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	HAULED TO PREVENT DISCHARGE
Public Notification:	TEMP SIGNS USED TO WARN PUBLIC

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	23211	3302 TROUT CREEK DR		SOUTH FORK	STREAM
				BEARGRASS CREEK	

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1940016	6/27/13	MITCHELL	GRIFFITH	DOCUMENTED	02/22/2000	LACK OF	UNAUTHORIZED	06/20/13 12:39	
DISCHARGE		12:20 am					SYSTEM	DISCHAGE - WATERS	PM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	84,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940607
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	24155	1910 CHARBDIN PL		MUDDY FORK BEARGRASS CREEK	STREAM

Activity Code / Description		f No Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939822	6/26/13	FIELDS	GRIFFITH	BEYOND	06/26/2013	LACK OF	UNAUTHORIZED	06/27/13 11:53	
DISCHARGE		10:30 pm			APPROVED		SYSTEM	DISCHAGE - WATERS	AM	

**DESIGN STORM** 

CAPACITY

## Discharge Reporting:

Discharge Amount:	90,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940823
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	26752	3317 BROWNSBORO RD		MUDDY FORK BEARGRASS CREEK	DITCH

Activity Code / Description	<u>WO #</u>	Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939805		6/26/13	FIELDS	GRIFFITH	DOCUMENTED	04/04/2008	LACK OF	UNAUTHORIZED	06/27/13 06:45	
DISCHARGE			9:35 pm					SYSTEM	DISCHAGE - WATERS	AM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	6,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940838
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	27005	1012 ALTA CIR		MIDDLE FORK BEARGRASS CREEK	GROUND

<b>Activity Code / Description</b>	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1932014	6/17/13	CLARK	GRIFFITH	DOCUMENTED	09/02/2003	LACK OF	UNAUTHORIZED	06/18/13 05:40	
DISCHARGE		9:40 pm					SYSTEM	DISCHAGE - WATERS	AM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	50 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1932144
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS

6/16/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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KPDES# **Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center** Region MSD0278 MORRIS FORMAN OHIO RIVER WEST KY0022411 (Cont'd)

**WO**# **Assigned To Disch Status** Condition **Activity Code / Description** Ref No Initiated Initiated By **Event Date Problem** Result Completed 1939753 **GRIFFITH FIELDS** DOCUMENTED LACK OF DISREV:RAIN EVENT 6/26/2013 09/02/2003 UNAUTHORIZED 06/27/13 09:51 DISCHARGE

SYSTEM 8:20:00PM DISCHAGE - WATERS AM CAPACITY

### Discharge Reporting:

Discharge Amount:	165,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO#1940797
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCAHRGE

6/18/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/18/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	30376	8111 SHELBYVILLE RD		MIDDLE FORK	STREAM
				BEARGRASS CREEK	

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1940028	6/27/13	FIELDS	GRIFFITH	DOCUMENTED	11/29/2011	LACK OF	UNAUTHORIZED	06/27/13 11:29	
DISCHARGE		1:45 am					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	45,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940785
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	36763	3530 FINCASTLE RD		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT	1939894	6/26/13	MITCHELL	GRIFFITH	DOCUMENTED	07/29/2009	LACK OF	UNAUTHORIZED	06/27/13 12:25	
DISCHARGE		6:54 pm					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	4,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940590
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	40559	1012 ALTA CIR		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	<u>WO #</u>	Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939755		6/26/13	FIELDS	GRIFFITH	DOCUMENTED	01/26/2012	LACK OF	UNAUTHORIZED	06/27/13 06:34	
DISCHARGE			8:10 pm					SYSTEM	DISCHAGE - WATERS	AM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	30,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940682
Control Zone:	PERMANENT SIGNS IN AREA
Impact:	SITE FLOODED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID CONTACT WITH DISCAHRGE

6/18/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/18/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	40879	5 RIO VISTA DR		MUDDY FORK BEARGRASS CREEK	STREAM

<b>Activity Code / Description</b>	WO # Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1940005	6/27/13	SINGLETON	OPS BSHIFT	DOCUMENTED	01/27/2012	LACK OF	UNAUTHORIZED	06/27/13 04:17	
DISCHARGE		7:07 am		EAST			SYSTEM	DISCHAGE - WATERS	PM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	43,000 GAL
Cause:	LACK OF CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	PERSONAL HYGIENE PRODUCTS, SEWAGE, SOLIDS & DEBRIS OBSERVED
Repair:	RESET MANHOLE
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE EFFECTED AREA

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	40880	2 RIO VISTA DR		MUDDY FORK BEARGRASS CREEK	GROUND

<b>Activity Code / Description</b>	WO # Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1940012	6/27/13	SINGLETON	OPS BSHIFT	DOCUMENTED	01/27/2012	LACK OF	UNAUTHORIZED	06/27/13 04:17	
DISCHARGE		7:05 am		EAST			SYSTEM	DISCHAGE - WATERS	PM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	2,760 GAL
Cause:	LACK OF CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	CONTACTED I&FP FOR REPAIRS
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	41374	300 MOCKINGBIRD VALLEY RD		MUDDY FORK	DITCH
				BEARGRASS CREEK	

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939825	6/27/13	FIELDS	GRIFFITH	DOCUMENTED	03/27/2008	LACK OF	UNAUTHORIZED	06/27/13 06:30	
DISCHARGE		12:15 am					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	7,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940831
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	43726	1108 DUPONT CIR		WEICHER CREEK	GROUND

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1940021		6/27/13	FIELDS	GRIFFITH	BEYOND	04/23/2011	LACK OF	UNAUTHORIZED	06/27/13 12:31	
DISCHARGE			1:25 am			APPROVED		SYSTEM	DISCHAGE - WATERS	PM	
						DESIGN STORM		CAPACITY			

## Discharge Reporting:

Discharge Amount:	55,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940761
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	45829	2002 MILLVALE RD		MIDDLE FORK	GROUND
				BEARGRASS CREEK	

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT	1939748		6/26/13	FIELDS	GRIFFITH	DOCUMENTED	03/09/2011	LACK OF	UNAUTHORIZED	06/27/13 06:19	
DISCHARGE			8:21 pm					SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	15,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940677
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCAHRGE

6/18/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/18/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	GROUND
				BEARGRASS CREEK	

Activity Code / Description	WO # Ref No	Initiated	<b>Initiated By</b>	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1932018	6/17/13	CLARK	GRIFFITH	DOCUMENTED	09/02/2003	LACK OF	UNAUTHORIZED	06/18/13 05:45	
DISCHARGE		9:45 pm					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	50 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1932163
Control Zone:	SITE FLOODED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID CONTACT WITH DISCHARGE

6/16/13 1:00 p	m	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'	
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KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411 (Cont'd)MSD0278MORRIS FORMANOHIO RIVERWEST

**WO**# **Assigned To Disch Status Activity Code / Description** Ref No Initiated Initiated By **Event Date Problem** Result Completed Condition 1939745 **GRIFFITH FIELDS** DOCUMENTED LACK OF DISREV:RAIN EVENT 6/26/2013 09/02/2003 UNAUTHORIZED 06/27/13 10:31

DISCHARGE 8:23:00PM SYSTEM DISCHAGE - WATERS AM

CAPACITY

### Discharge Reporting:

Discharge Amount:	165,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940658
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCAHRGE

6/18/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/18/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	47583	202 OXMOOR LN		MIDDLE FORK	STREAM
				BEARGRASS CREEK	

<b>Activity Code / Description</b>	WO # Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1940023	6/27/13	FIELDS	GRIFFITH	DOCUMENTED	02/06/2008	LACK OF	UNAUTHORIZED	06/27/13 10:58	
DISCHARGE		1:15 am					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	64,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISLCN WO#
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	47593	8021 CHRISTIAN CT		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939813	6/26/13	FIELDS	GRIFFITH	DOCUMENTED	03/19/2008	LACK OF	UNAUTHORIZED	06/27/13 11:14	
DISCHARGE		9:52 pm					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	112,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940799
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	51160	3305 INDIAN CREEK CT		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	<u>WO #</u>	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT	1940011		6/26/13	MITCHELL	GRIFFITH	DOCUMENTED	04/04/2008	LACK OF	UNAUTHORIZED	06/27/13 12:44	
DISCHARGE			6:25 pm					SYSTEM	DISCHAGE - WATERS	PM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	126,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940605
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	51180	2011 TERRIL LN		BROOKLAWN TRIBUTARY	GROUND

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939896	6/27/13	MITCHELL	GRIFFITH	DOCUMENTED	12/05/2011	LACK OF	UNAUTHORIZED	06/27/13 01:47	
DISCHARGE		12:28 am					SYSTEM	DISCHAGE - WATERS	PM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	3,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISLCN WO# 4196021
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	51594	1418 TREVILIAN WAY		SOUTH FORK BEARGRASS CREEK	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	1932020	6/17/13	MITCHELL	GRIFFITH	DOCUMENTED	09/12/2006	LACK OF	UNAUTHORIZED	06/17/13 09:05	
DISCHARGE		7:20 pm					SYSTEM	DISCHAGE - WATERS	PM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	3,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1932042
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID DISCHARGE

6/16/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0022411 (Cont'd)MSD0278MORRIS FORMANOHIO RIVERWEST

WO # **Disch Status** Condition **Activity Code / Description** Ref No Initiated Initiated By **Assigned To Event Date Problem** Result Completed 1939954 **GRIFFITH** MITCHELL DOCUMENTED LACK OF DISREV:RAIN EVENT 6/26/2013 09/12/2006 UNAUTHORIZED 06/27/13 12:50

DISCHARGE 6:39:00PM SYSTEM DISCHAGE - WATERS AM

CAPACITY

## Discharge Reporting:

Discharge Amount:	15,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940598
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	84155	7913 SHELBYVILLE RD		MIDDLE FORK	GROUND
				BEARGRASS CREEK	

Activity Code / Description	WO # Ref N		Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939818	6/26/13	FIELDS	GRIFFITH	DOCUMENTED	03/10/2011	LACK OF	UNAUTHORIZED	06/27/13 11:19	
DISCHARGE		9:47 pm					SYSTEM	DISCHAGE - WATERS	5 AM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	120,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940559
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
6/27/13 2:20 pm	DISNOT	Manual discharge notification sent to eppc.ert@ky.gov; 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	89791	37 ARROWHEAD RD		MUDDY FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO # Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939824	6/26/13	FIELDS	GRIFFITH	DOCUMENTED	06/23/2011	LACK OF	UNAUTHORIZED	06/27/13 01:05	
DISCHARGE		10:47 pm					SYSTEM	DISCHAGE - WATERS	AM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	24,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940828
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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	90700	8021 CHRISTIAN CT		MIDDLE FORK	CATCH BASIN
				BEARGRASS CREEK	

Activity Code / Description	<u>WO #</u>	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1939811		6/26/13	FIELDS	GRIFFITH	DOCUMENTED	03/19/2008	LACK OF	UNAUTHORIZED	06/27/13 11:11	
DISCHARGE			8:51 pm					SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

## Discharge Reporting:

Discharge Amount:	75,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940563
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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
SSL Sewer Service Line	BU05074039	3305 BENT CREEK CT		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO # Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	<b>Event Date</b>	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	1940019	6/27/13	MITCHELL	GRIFFITH	DOCUMENTED	02/24/2011	LACK OF	UNAUTHORIZED	06/27/13 12:41	
DISCHARGE		12:25 am					SYSTEM	DISCHAGE - WATERS	PM	

CAPACITY

## Discharge Reporting:

Discharge Amount:	84,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1940610
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, 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
SSL Sewer Service Line	KK14815019	4108 LEE AVE		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT	1939984	6/26/13	MITCHELL	GRIFFITH	DOCUMENTED	07/29/2009	LACK OF	UNAUTHORIZED	06/27/13 12:16	
DISCHARGE		10:17 pm					SYSTEM	DISCHAGE - WATERS	AM	
							CAPACITY			

## Discharge Reporting:

Discharge Amount:	1,000 GAL			
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN			
Clean Up:	DISCLN WO# 1940602			
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED			
Impact:	LIGHT DEBRIS OBSERVED			
Repair:	LOCATION INCLUDED IN THE IOAP			
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE			

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'



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

SLS Sewer Lift Station MSD0186-PS 2120 INDIAN HILLS TRL MUDDY FORK BEARGRASS CREEK

WO# **Activity Code / Description** Ref No Initiated Initiated By **Assigned To Disch Status Event Date** Problem Result Completed Condition DISREV:RAIN EVENT 1939820 6/27/13 MARKS JR **OPS ASHIFT** DOCUMENTED 01/27/2012 UNAUTHORIZED 06/27/13 04:17 LACK OF DISCHARGE **SYSTEM** DISCHAGE - WATERS PM 12:30 am

CAPACITY

## Discharge Reporting:

Discharge Amount:	14,205 GAL
Cause:	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	NO DEBRIS
Control Zone:	PERMANENT & TEMPORARY SIGNS POSTED
Impact:	WATER OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON; WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	PERMANENT & TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

### Notifications:

6/27/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
6/27/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

**Total Facilities Printed: 34** 

Total Work Orders Printed: 39