

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

June 18, 2014

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 May 1<sup>st</sup> to May 31<sup>st</sup> are provided through NetDMR. All permit requirements were met for the month of May, 2014.

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

Sincerely,

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

vg



# **DMR Copy of Record**

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KY0022411 Permit #:

Permittee: MORRIS FORMAN WQTC MSD

Yes Major:

4522 ALGONQUIN PKWY

**Facility Location:** 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Facility:

Status:

LOUISVILLE, KY 40211

**Permitted Feature:** 

Discharge: External Outfall

Permittee Address:

Title:

001-1 MUNICIPAL DISCHARGE

Report Dates & Status

**Monitoring Period:** From 05/01/14 to 05/31/14

001

**DMR Due Date:** 06/28/14

**NetDMR Validated** 

MORRIS FORMAN WQTC MSD

**Considerations for Form Completion** 

G - INFLUENTE - SECONDARY EFFLUENT - Parameter 74055 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Principal Executive Officer

Greg First Name:

**Executive Director** 

Telephone: 502-540-6000

Last Name: Heitzman

No Data Indicator (NODI)

Form NODI:

Parameter	Monitoring Location	Season # Pa	aram. NODI			uantity or Loa						Quality or Con				# of Ex	. Frequency of Analysis	Sample Type
Code Name				Qualifier	1 Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	2 Value 2	Qualifier 3	Value 3	Units			
			San	ple					=	5					19 - mg/L		01/01 - Daily	GR - GRAB
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		t Req.					>=	2 INST MIN	1				19 - mg/L	0	01/01 - Daily	GR - GRAB
			Value	NODI														
			San	nple =	11814			26 - lb/d			-	14	=		19 - mg/L		01/01 - Daily	CP - COMPO
00310 BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	Permi		Req Mon MO AVO	G	Req Mon MX WK AV	26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPO
				NODI														
			San		201319		199534	26 - lb/d			=	220	=		19 - mg/L		01/01 - Daily	CP - COMPO
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	Permi		Req Mon MO AVO	G	Req Mon MX WK AV	26 - lb/d				Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPC
			Value	NODI														
			San	nple					=	6.5			=		12 - SU		01/01 - Daily	GR - GRAB
00400 pH	1 - Effluent Gross	0	Permi	t Req.					>=	6 MINIMUN	1		<=	9 MAXIMUM	12 - SU	0	01/01 - Daily	GR - GRAB
			Value	NODI														
			San	nple =	10755		14045	26 - lb/d			-	12	=	15	19 - mg/L		01/01 - Daily	CP - COMPO
00530 Solids, total suspended	E - Secondary/Biological Process Complete	0		t Req.	Req Mon MO AVO	G	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														
			San	nple =	268493		358990	26 - lb/d			=	277	=		19 - mg/L		01/01 - Daily	CP - COMPO
00530 Solids, total suspended	G - Raw Sewage Influent	0	Permi	t Req.	Req Mon MO AVO	G	Req Mon MX WK AV	26 - lb/d				Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPO
			Value	NODI														
			San	nple =	6901	=	7948	26 - lb/d			=	8.6	=	10.3	19 - mg/L		01/01 - Daily	CP - COMPO
00610 Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0	Permi	t Req.	Req Mon MO AVO	G	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														
			San	nple =	8867	=	9124	26 - lb/d			=	9.9	=	11.5	19 - mg/L		01/01 - Daily	CP - COMPO
00610 Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	Permi	t Req.	Req Mon MO AVO	G	Req Mon MX WK AV	26 - lb/d				Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPO
			Value	NODI														
			San	nple =	101.56	=	127.32	03 - MGD	ס								99/99 - Continuous	CN - CONTIN
50050 Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	Permi	t Req.	Req Mon MO AVO	G	Req Mon DAILY MX	03 - MGD	)							0	99/99 - Continuous	CN - CONTIN
			Value	NODI														
			San	ple									<	0.01	19 - mg/L		01/01 - Daily	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	0	Permi	t Req.									<=	.019 DAILY MX	19 - mg/L	0	01/01 - Daily	GR - GRAB
			Value	NODI														
			San	ple							=	24	=	54	13 - #/100m	L	01/01 - Daily	GR - GRAB
74055 Coliform, fecal general	1 - Effluent Gross	1	Permi	t Req.							<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100m	L 0	01/01 - Daily	GR - GRAB
			Value	NODI														
			San	nple					=	94					23 - %		01/30 - Monthly	CA - CALCTE
31010 BOD, 5-day, percent removal	K - Percent Removal	0	Permi	t Req.					>=	85 MO MIN					23 - %	0	01/30 - Monthly	CA - CALCTE
			Value	NODI														
			San	nple					=	95					23 - %		01/30 - Monthly	CA - CALCTE
31011 Solids, suspended percent removal	K - Percent Removal	0	Permi	t Req.					>=	85 MO MIN	I				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							
		Name				Туре	Size
201405_MFWQT0	C_OverflowReport.pdf				po	df	110141
MFWQTCCoverLe	etter052014.pdf				р	df	13022
MFWQTCMOR05	2014.pdf				р	df	34123
Report Last Sa	ved By						
MORRIS FORM	AN WQTC MSD						
User:	robin.burch@louisvillemsd.org			Date/Time:	2014-06-1	6 08:29 (Time Zone: -04:00)	
Name:	Robin Burch		•				
E-Mail:	robin.burch@louisvillemsd.org						

# **DMR Copy of Record**

E-Mail:

robin.burch@louisvillemsd.org

Permit															
Permit #:	KY0022411		P	ermittee:		M	ORRIS FORMAN	I WQTC MSD		Facility:		MORR	S FORMAN V	VQTC MSD	
Major:	Yes		Р	ermittee A	ddress:		22 ALGONQUIN DUISVILLE, KY 40						LGONQUIN P VILLE, KY 402		
Permitted Feature:	001 External Outfall		D	ischarge:			<b>1-B</b> ECONDARY BYPA	PASS		•					
Report Dates & Status															
Monitoring Period:	From 05/01/14 to 05/31/14		ln	MR Due D	ato:	06	/28/14			Status:		NetDM	R Validated		
Considerations for Form Completi				WIIN DUC D	atc.	- O	720/14			Otatus.		Netbin	it vanuatou		
MONITORING DURING PERIODS C		OITION T		D MONITO	DINC 1 F	INIAL EFFLUENTE	CECONDARY	DVDACC AE		IT					
	OF SECONDARY BYPASS IN ADL	JITION	IO REGULA	IK WONTO	KING.I - F	INAL EFFLUENTE	- SECONDART	DIPASS AF	IER PRIMARTIREATMEI	N I .					
Principal Executive Officer			<u> </u>			_				1					
First Name:	Greg		Т	itle:		Ex	ecutive Director			Telephone:		502-54	0-6000		
Last Name:	Heitzman														
No Data Indicator (NODI)															
Form NODI:															
Parameter	Monitoring Location	Season	# Param. NOD	DI			y or Loading			Quality or Cond				Ex. Frequency of Analysis	Sample Type
Code Name					Qualifier 1	Value 1 Qu	alifier 2 Value	2 Unit	s Qualifier 1 Value 1 Qualifie		Qualifier 3	Value 3	Units	10/00 10 0 11	25 221522
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Sample					=	24 Reg Mon MO AVG		30 Req Mon MX WK AV	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	1 - Ellident Gross	U		Permit Req Value NOD						Req Mon MO AVG		Red MOUNT MY AV	19 - Hig/L 0	WH/DS - When Discharging	CF - COIVIFOS
				Sample					=	133	=	162	19 - mg/L	16/30 - 16 Per Month	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	F - Primary/Prelimary Process Complete	0		Permit Req						Req Mon MO AVG		Req Mon MX WK AV		WH/DS - When Discharging	CP - COMPOS
				Value NOD	I										
				Sample					=			42	19 - mg/L	16/30 - 16 Per Month	CP - COMPOS
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req Value NOD						Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS
				Sample	1				=	110	=	120	19 - mg/L	16/30 - 16 Per Month	CP - COMPOS
00530 Solids, total suspended	F - Primary/Prelimary Process Complete	0		Permit Req						Req Mon MO AVG		Req Mon MX WK AV		WH/DS - When Discharging	
				Value NOD	1										
				Sample					=			10.8	19 - mg/L	16/30 - 16 Per Month	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req Value NOD						Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS
				Sample	1					10.8	=	12.5	19 - mg/L	16/30 - 16 Per Month	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	F - Primary/Prelimary Process Complete	0		Permit Req						Req Mon MO AVG		Req Mon MX WK AV		WH/DS - When Discharging	
				Value NOD	1										
				Sample		31.51 =	51.81	03 - M						16/30 - 16 Per Month	CN - CONTIN
50050 Flow, in conduit or thru treatment plant	F - Primary/Prelimary Process Complete	0		Permit Req Value NOD		Req Mon MO AVG	Req Mon MX	X WK AV 03 - M	GD				0	WH/DS - When Discharging	CN - CONTIN
Cubminsion Note				value NOD											
Submission Note															
If a parameter row does not contain a	any values for the Sample nor Efflu	uent Trac	ding, then no	one of the fo	ollowing field	ds will be submitte	d for that row: Un	nits, Number o	of Excursions, Frequency o	Analysis, and Sa	mple Type	Э.			
Edit Check Errors															
No errors.															
Comments															
Attachments															
No attachments.															
Report Last Saved By															
MORRIS FORMAN WQTC MSD								. =			00.5		٥١		
User: robin.burch@louis	villemsd.org						Da	ite/Time:		2014-06-16	08:31 (	Time Zone: -04:0	0)		
Name: Robin Burch															

# MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of	May-14			
Average Flow		4		
	Primary		Secondary	
SETTLING TANKS		Battery A	Battery B	Battery C
Average Flow (MGD)	119.69	28.62	33.70	14.46
Tanks in Service	4.00	6.0	7.0	
Surface Area (Ft.2)	77000.00	51900.00	60550.00	34600.00
Volume (MG)	8.33	5.32		
Weir Length (Ft.)	2860.00	2151,00	2509.50	1434.00
Avg. Weir Overflow (GPD/Ft)	41851,18	13304.03	13429.81	10080.92
Avg. Settling Rate (GPD/Ft2)	1554.47	737.50	732.98	540.56
Avg. Detention Time	1.67	4.46	4.42	5.88
AERATION TANKS		Battery A	Battery B	Battery C
Volume (Gallons)		4200000	4200000	2100000
Avg. Flow (MGD)		38.28	44.38	18.70

3.52

2.99

3.49

# CHLORINE CONTACT CHAMBERS

Avg. Detention Time (Hours)

Contact Chambers in Use 2.0 Volume (Gallons) 2340000 Avg. Detention Time (Hours) 0.98

Remarks: BY-PASS REPORTS (See Attached)

MORRIS FORMAN WATER QUALITY TREATMENT CENTER

JEFFERSON COUNTY, KENTUCKY MONTH OF

May 2014

KPDE8 PERMIT NO. KY0022411

PLANT CAPACITY - 120 MGD RECEIVING STREAM-OHIO RIVER

				TE	MP	1	pН	S	ET\$	T:	SS		TS	D.Ö.	1	5-DAY BOD	)														
	ı	WATER F		(DE	EGF)			(1	V/L)	(m	g/L)	(m	ng/L)	(mg/L)	l	(mg/L)									ACT	ΓΙVE	CH	ORINA	TION	FiN	IAI IAI
	(MI	ition Gation	ıs)											1				RETUR	RN SLU	DGE		AERA	TION BASIN		Sludge		Chlorine		Fecal	EFFLU	
	Finai	Sec.						İ								prim.		FLOW	TSS	TVSS	0.0	MLSS	MLVSS SE	T SVI		Sludge	Dosage	Resid			Pump.
DATE			Bypass	raw	final	raw	final	raw	final	гaw	final	raw	final	final	raw	finai	final	MG	g/L	g/L	mg/L	g/L	g/L		MG	MG	KLBS	mg/L	#/100 ml	mg/L	Hours
5/1	124.26	122,73	1,53	6	1 61	7.4	6.	9 8,	5 0.1	160	16			8.8	167	125	12	25,1	13,0	10.2	16.4	2.4	1.7 17	3 75	0.72	0.29	3.43	0.010	26	9	24.00
5/2	110,89	109.5	1,39	6	2 62	7.4	6.	7 11.	0 0,2	316	17			5.8	332	199	14	24.5	10,6	9,0	11.2	2,8	2,4 21		0.82	0.33	3.57	0.010	92	8	24.00
5/3	103.43	103,43	0.0	6	3 63	7.4	6.	8 13.	0 0.1	280	15			5,9	243	132	2 10	24.8	13.6	11.3	9,5	2.7	2.2 24		0.78	0.28	3.38	0.010	36	8	24.00
5/4	93,69	93.69	0.0	6	4 64	7.5	6.	9 12.	0 0.1	284	10			9.5	153	71	7	24.7	13.0	10.5	18.4	3,1	2.3 20	7 67	0,79	0.38	1.96	0.010	4	14	24.00
5/5	89,45	89.45	0.0		5 65	7,3	7.	0 7.	0 0,1	250	10			9.9	193	110	8 (	24.5	12,2	9,6	18.8	2.9	2.0 22		0,77	0.36	1.97	0.010	6	15	24.00
5/6	79,89	79.89	0.0	6	6 66	7.3	6.	8 16.	8 0.1	382	13			9.1	246	142	12	24.9	12,3	10.3	17.8	3.1	2.7 25		0.86	0.33	2.18	0.010	11	15	24.00
5/7	77.95	77.95	0.0	6	7 67	7.3	6.	8 18.	1 0.1	378	15			8,8	430	145	5 9	24.9	11,8	10.0	16.9	3.2	2,7 25	2 82	0,79	0.28	2.25	0.010	5	18	13.00
5/8	76,81	76.81	0.0	6	9 69	7.2	6.	8 13.	9 0.1	344	11			7.6	200	11€	3 11	24.7	12,0	10.1	15.6	3.4	2.9 24	6 75	0.84	0.29	2.08	0.010	2	17	0.00
5/9	107.8	88.15	19.65	7		7.2	6.	7 18.	0 0.1	540	29			6.4	388	217	28	25.0	10,2	8.9	14.1	2.6	2,3 22		0.97	0.24	3.54	0.010	13	15	0.00
5/10	250,87	125.76	125.11		6 66	7,2	6.	7 6.	0 1,0	438	. 74			9.8	91	78	43	25,6	12,2	10.3	18.7	2,2	1.8 20	1 101	0.91	0.22	9.25	0.010	140	7	0.00
5/11	148.54	123.13	25,41	6		7,5	6.	8 8.	6 0.1	274	34			8.7	99	64	20	25.4	14.3	11.2	20.0	2,9	2.3 17	2 61	0,90	0.21	6,48	0,010	20	7	0.00
5/12	114,7	114.27	0,43	6		7.4	6.	8 10.	1 0.1	156	19			9.1	168	94	14	24.1	12,9	9.4	18.3	2,5	1.3 16	1 65	0,91	0.28	2.31	0,010	52	10	0.00
5/13	102.47	102.47	0.0	7	0 70	7.4	6,	9 8.	4 0.1	216	14			6,4	198	98	12	23.3	12,1	9.4	16.9	2.5	1.8 14		0.70	0.18	1.80	0,010	91	10	0.00
5/14	206.86	118,42	88,44	6	8 68	7.2	6,	9 3.	6 0.5	126	53			8,4	95	106	47	24.5	11.7	9.0	19.0	2.7	1,8 17		0,64	0.20	5.82	0.010	33	7	0.00
5/15	204.1	127,32	76.78	6	66 66	7.3	6.	9 4.	9 0.5	108	44			9.5	86	81	32	24.1	12.0	9.1	19.8	2.3	1,6 15		0.72	0.27	5.39	0.010	132	5	10.00
5/16	148.48	126,8	21.68	6	2 62	7.5	7.	0 7.	0.3	120	24			7.7	156	145	25	23.5	14.5	11.0	17.5	3.2	2.3 21		0.75	0.34	3.37	0.010	680	7	24.00
5/17	118.8	116,98	1.82	8:	2 62	7.5	6.	в з.	5 0,1	94	18			7.8	153	124	12	24.5	16.9	13.7	16,7	3,2	2.3 18	8 60	0.79	0.32	2,67	0.010	116	6	24.00
5/18	104,74	104.74	0.0	6	3 63	7.5	6.	9 7.	2 0,1	148	20			8.5	176	119	12	23.6	12.8	10.4	18.9	2,7	2.0 18		0.85	0.30	2.61	0.010	12	6	24.00
5/19	101,49	101.49	0.0	6	5 65	7.4	6.	8 13.	9 0,1	282	19			7.8	196	119	6	24.9	13,3	11.1	15.3	3.3	2.8 22		0.85	0.31	2.53	0,010	12	8	24.00
5/20	98.43	98.43	0.0	6	68	7,4	6.	9 12.	5 0.1	274	14			6.8	284	128	8	24.8	12.9	10,8	13.9	3.0	2.6 23		0,68	0.28	2.56	0.010	15	12	24.00
5/21	97.95	97.18	0.77	7	70	7.0	6,	7 7.	6 0.1	258	22			6,1	336	202	20	24.2	13.3	11,2	11.4	3.4	2.8 24		0,92	0,31	2.89	0,010	62	9	24.00
5/22	184,84	125.85	58,99	6	9 69	7,0	6.	5 11.	9.0.8	310	46			5,0	202	120	41	25.3	13.7	11.7	15.4	2.8	2.4 24		0.93	0,27	6.14	0.010	229	4	24,00
5/23	106.57	106,57	0.0	6	9 69	7.2	6.	5 14.	0.1	378	11			6.4	366	172	9	25,5	9,5	8.2	14.1	3.1	2.7 29	3 106	0.92	0.21	4.81	0.010	21	3	24.00
5/24	92,85	92.65	0.0	6	9 69	7,5	6.	7 15.	5 0,1	344	12			8.4	222	112	9	25,6	11,1	9.4	17.4	3.4	3.0 29	3 93	0.98	0.25	2,01	0.010	5	10	24.00
5/25	65,88	85.88	0.0	6	8 68	7,5	6.	3 12.	5 0,1	256	13			10.1	172	88	11	25.1	11,7	9.6	19.8	3.1	2.7 25	1 86	1.00	0.24	1.65	0,010	12	14	14.00
5/26	81,08	81,08	0.0	71	70	7,5	6.	10.0	0.1	170	9			10.0	107	65	8	24.4	12.0	10,0	19.4	3.3	2.7 23		0.90	0.29	1.58	0.010	10	17	0.00
5/27	83.36	83,36	0.0	7:	2 72	7.4	7,	10.	1 0.1	254	10			9,6	229	102	9	23.6	11.7	9,5	18,8	2.7	2.1 18		0,81	0.39	1,42	0,010	32	16	0.00
5/28	99.9	86.39	13:51	7.		7.4	6,	3 14.1	0.1	296	12			9.7	263	137	15	24.1	10.4	8.7	19,2	2.6	2.2 19		0.80	0,40	2.14	0.010	48	17	0.00
5/29	109.06	90.69	18.37	73	3 73	7.5	6.	25.	0.3	500	27			8.5	294	117	22	24.6	11,2	9.2	19.4	2.9	2,1 23	1	0,81	0.35	3.02	0.010	12	9	0.00
5/30	158.33	111.88	46.45	73		7.5	6.8	3 11.0	0.5	392	42			9.8	282	144	34	23,9	11.6	9.1	18.5	2.7	1.9 210		0.88	0,31	4,66	0.010	4	10	0,00
5/31	88.92	85.19	3,73	7	75	7.4	6.0	10.5	0.1	270	9			6.8	296	182	10	24,1	12.7	10.1	15.5	3,3	2.6 293		0.96	0.33	2,26	0.010	13	6	0.00
																														<del>-</del>	
Total	3652,4	3148.3	504,1														- 1	761.6							26.150	9.040					397,00
Average	117.8	101.6	16.3	- 68	68	7.4	6.8	11.3	2 0,2	277	22			8.2	220	124	17	24.6	12.4	10.1	16.8	2.9	2.3 218	3 79	0.84	0.29	3,28	0.010	24	10	
SEWED OF							50000																								ı

SEWER CONNECTIONS

130842 TIMES 4 = 523368 SEWER POPULATION

IND. WASTER POPULATION EQ CUSTOMERS 369 FLOW 598718 BOD 748805 TSS 774101

Authorized Agent

Certification No. 5691





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 00056-W 804 N ARBOR DR MIDDLE FORK BEARGRASS CREEK

**Activity Code / Description** WO# Ref No <u>Initiated</u> **Initiated By Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV:RAIN EVENT 5/15/14 MARKS JR LACK OF UNAUTHORIZED 2161690 **OPS ASHIFT** DOCUMENTED 12/15/2007 05/15/14 01:53 DISCHARGE 3:10 am SYSTEM DISCHAGE - WATERS

CAPACITY

# Discharge Reporting:

Discharge Amount:	22,505 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	NO IMPACT OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

5/15/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/15/14 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'



CAPACITY



Report Selections: Period: 05/01/2014 00:00 thru 05/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW,

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 00746 804 N ARBOR DR MIDDLE FORK DITCH

BEARGRASS CREEK

**Activity Code / Description** WO# Ref No Initiated **Initiated By Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV:RAIN EVENT 5/15/14 MARKS JR LACK OF UNAUTHORIZED 2161692 **OPS ASHIFT** DOCUMENTED 12/16/2000 05/15/14 01:53 DISCHARGE 3:10 am SYSTEM DISCHAGE - WATERS

#### Discharge Reporting:

Discharge Amount:	16,075 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	NO IMPACT OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

5/15/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/15/14 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'



CAPACITY



Report Selections: Period: 05/01/2014 00:00 thru 05/31/2014 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

SMH Sewer Manhole 08935-SM 1001 BRECKENRIDGE LN MIDDLE FORK BEARGRASS CREEK

STREAM BEARGRASS CREEK

**Activity Code / Description** WO# Ref No Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV:RAIN EVENT 5/14/14 **FIELDS** LACK OF UNAUTHORIZED 2161723 **GRIFFITH** DOCUMENTED 11/29/2001 05/15/14 03:20 DISCHARGE 10:38 pm SYSTEM DISCHAGE - WATERS

#### Discharge Reporting:

Discharge Amount:	115.530 GAL
	- West 5
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOACTION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE

5/15/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/15/14 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'





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 By Disch Status Event Date Problem** Condition Ref No <u>Initiated</u> **Assigned To Activity Code / Description** Result Completed 2164545 5/21/2014 **GRIFFITH GRIFFITH** DOCUMENTED 11/29/2001 LACK OF **DISREV:RAIN EVENT UNAUTHORIZED** 05/21/14 10:39 10:26:00PM SYSTEM DISCHARGE **DISCHAGE - WATERS** PM CAPACITY

Discharge Reporting:

Discharge Amount:	1,143 GAL			
Cause:	ACK OF SYSTEM CAPACITY-HEAVY RAIN			
Clean Up:	O CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM			
Control Zone:	AUTION TAPE AND TEMP SIGNS PLACED			
Impact:	IGHT DEBRIS OBSERVED			
Repair:	LOCATION INCUDED IN THE IOAP			
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT			

5/15/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/15/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.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
SSL Sewer Service Line 176120 6619 STRAWBERRY LN NORTHERN DITCH GROUND

**Activity Code / Description** WO # Ref No **Disch Status Problem** Condition Initiated **Initiated By Assigned To Event Date** Result Completed DISDW:DRY WEATHER 2157286 5/3/14 9:05 JOHNSON **JOHNSON** REPAIRED -05/03/2014 **GREASE** UNAUTHORIZED 05/03/14 10:27 MAIN DISCHARGE **ISSUE** DISCHAGE - WATERS **BLOCKAGE RESOLVED** 

#### Discharge Reporting:

Discharge Amount:	200 GAL		
Cause:	OBSTRUCTION OF GREASE IN MAIN SEWER		
Clean Up:	MSD PERSONNEL CLEANED THE IMPACTED AREA		
Control Zone:	PLACED TEMPORARY SIGNS AROUND IMPACTED AREA		
Impact:	SEWAGE AND WATER DISCHARGING FROM MANHOLE INTO THE DRAINAGE DITCH		
Repair:	WORK ORDER 2157534; 2157552; ROOT CUT THE MAIN SEWER TO OPEN		
Public Notification:	ADVISED CUSTOMER ON SITE		

5/2/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.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 40879 5 RIO VISTA DR MUDDY FORK BEARGRASS CREEK

STREAM
BEARGRASS CREEK

Ref No **Activity Code / Description** WO# Initiated Initiated By Assigned To **Disch Status Event Date Problem** Result Completed Condition DISREV:RAIN EVENT **OPS CSHIFT** LACK OF UNAUTHORIZED 2160122 5/3/14 7:00 MARKS JR DOCUMENTED 01/27/2012 05/10/14 09:15 DISCHARGE SYSTEM DISCHAGE - WATERS

CAPACITY

#### Discharge Reporting:

Discharge Amount:	3,375 GAL		
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT		
Clean Up:	MSD CLEANED & SANITIZED THE AREA		
Control Zone:	TEMPORARY SIGNS PLACED		
Impact:	SEWAGE OBSERVED		
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR		
Public Notification:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA		

5/7/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
5/7/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.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 40880 2 RIO VISTA DR

MUDDY FORK BEARGRASS CREEK

Ref No **Activity Code / Description** WO# Initiated **Initiated By Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV:RAIN EVENT 5/10/14 MARKS JR **OPS CSHIFT** LACK OF UNAUTHORIZED 2160123 DOCUMENTED 01/27/2012 05/10/14 09:15 DISCHARGE 7:00 pm SYSTEM DISCHAGE - WATERS

CAPACITY

# Discharge Reporting:

Discharge Amount:	3,375 GAL		
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT		
Clean Up:	MSD CLEANED & SANITIAED THE AREA		
Control Zone:	TEMPORARY SIGNS PLACED		
Impact:	SEWAGE OBSERVED		
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR		
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA		

5/7/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/7/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.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 43472 8409 SABERDEE DR GOOSE CREEK DITCH

Activity Code / Description WO# Ref No Initiated By Assigned To Disch Status Event Date Problem Result Completed Condition

**Activity Code / Description** WO # Ref No **Initiated By** Condition Initiated Assigned To **Disch Status Event Date Problem** Result Completed DISREV:RAIN EVENT 2160116 5/10/14 MARKS JR **OPS CSHIFT** DOCUMENTED 03/04/2008 LACK OF UNAUTHORIZED 05/10/14 07:30 DISCHARGE SYSTEM DISCHAGE - WATERS 5:19 pm CAPACITY

#### Discharge Reporting:

Discharge Amount:	3,275 GAL		
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT		
Clean Up:	MSD CLEANED & SANITIZED THE AREA		
Control Zone:	TEMPORARY SIGNS POSTED		
Impact:	SEWAGE OBSERVED		
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR		
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA		

5/7/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/7/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org,
0/// 1 1.00 pm	Biccito	Sayre.Dennis@epamail.epa.gov'





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 By Disch Status Event Date Problem** Condition Ref No <u>Initiated</u> **Assigned To Activity Code / Description** Result Completed 2161736 5/15/2014 **OPS BSHIFT** MARKS JR DOCUMENTED 03/04/2008 LACK OF **DISREV:RAIN EVENT UNAUTHORIZED** 05/15/14 01:00 DISCHARGE 7:30:00AM EAST SYSTEM **DISCHAGE - WATERS** PM CAPACITY

# Discharge Reporting:

Discharge Amount:	1,650 GAL		
Cause:	rainevent caused lack of system capacity		
Clean Up:	nsd cleaned & sanitized the area		
Control Zone:	mporary signs posted		
Impact:	sewage observed		
Repair:	site found during rain event recon- will monitor & evaluate for repair		
Public Notification:	msd used temporary signs to warn the public.		

5/15/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/15/14 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.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 45796 1011 ALTA CIR MIDDLE FORK DITCH

BEARGRASS CREEK

Ref No **Activity Code / Description** WO# Initiated **Initiated By Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV:RAIN EVENT **JOHNSON** LACK OF UNAUTHORIZED 2160130 5/10/14 **GRIFFITH** DOCUMENTED 05/10/2014 05/11/14 11:00 DISCHARGE 3:59 pm SYSTEM DISCHAGE - WATERS

CAPACITY

# Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISLCN WO# 2160271
Control Zone:	TEMP SIGNS PLACED
Impact:	LIGHT IMPACT OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID CONTACT WITH DISCHARGE

5/7/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/7/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

05/15/14 06:48



UNAUTHORIZED



Report Selections: Period: 05/01/2014 00:00 thru 05/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW,

DISREV

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

**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** 

Ref No **Activity Code / Description** WO# Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition

DOCUMENTED

**GRIFFITH** DISCHARGE 11:14 pm SYSTEM DISCHAGE - WATERS

5/14/14

**FIELDS** 

CAPACITY

LACK OF

02/06/2008

#### Discharge Reporting:

2161710

DISREV:RAIN EVENT

Discharge Amount:	675 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISLCN WO# 2161974
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 CONTACT WITH DISCHARGE

5/15/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/15/14 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'



Initiated May 01, 2014 12:00 AM thru May 31, 2014 11:59 PM

Report Selections: Period: 05/01/2014 00:00 thru 05/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW,

DISREV

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

Facility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSSL Sewer Service Line64309424 MAC BRAE RDNORTHERN DITCHGROUND

**Activity Code / Description** WO # Ref No **Initiated By Disch Status Problem** Condition Initiated Assigned To **Event Date** Result Completed DISDW:DRY WEATHER 2158279 5/6/14 3:10 MARINO MARINO REPAIRED -05/06/2014 **GREASE** UNAUTHORIZED 05/06/14 06:45 MAIN DISCHARGE **ISSUE** DISCHAGE - WATERS **BLOCKAGE RESOLVED** 

#### Discharge Reporting:

Discharge Amount:	25 GAL			
Cause:	GREASE & DEBRIS OBSTRUCTION IN MAIN SEWER			
Clean Up:	MSD PERSONNEL CLEANED THE IMPACTED AREA			
Control Zone:	PLACED TEMPORARY SIGNS AROUND IMPACTED AREA			
Impact:	SEWAGE AROUND MSD CLEANOUT IN SIDEWALK			
Repair:	WORK ORDER 2158294; FLUSHED TO REMOVE GREASE AND DEBRIS FROM THE MAIN			
Public Notification:	ADVISED CUSTOMER ON SITE			

5/4/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.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
SLS Sewer Lift Station MSD0040-PS 7404 ARROWWOOD RD DEVONDALE GOOSE CREEK DITCH

**Activity Code / Description** WO # Ref No **Disch Status** Initiated **Initiated By** Assigned To **Event Date Problem** Result Completed Condition DISREV:RAIN EVENT 2168884 5/30/14 MARKS JR **OPS ASHIFT** DOCUMENTED 01/26/2012 **MECHANICAL** UNAUTHORIZED 05/30/14 12:25 DISCHARGE DISCHAGE - WATERS **FAILURE** 12:00 am

#### Discharge Reporting:

Discharge Amount:	625 GAL		
Cause:	pumps air locked during rain event.		
Clean Up:	no clean up required . only clear sewage observed .		
Control Zone:	temporary signs posted		
Impact:	clear sewage observed		
Repair:	pumps cleared and put back in servcie		
Public Notification:	public warned by temporary signs		

5/22/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.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

SLS Sewer Lift Station MSD0057-LS 806 PINE WAY ANCHOR ESTATES #2 MIDDLE FORK BEARGRASS CREEK

STREAM BEARGRASS CREEK

**Activity Code / Description** WO# Ref No Initiated **Initiated By** Assigned To **Disch Status Event Date Problem** Result Completed Condition DISREV:RAIN EVENT 5/14/14 MARKS JR **OPS CSHIFT** UNAUTHORIZED 2161677 DOCUMENTED 12/16/2000 LACK OF 05/15/14 01:49 DISCHARGE 8:05 pm SYSTEM DISCHAGE - WATERS CAPACITY

#### Discharge Reporting:

Discharge Amount:	26,600 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	NO IMPACT OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

5/11/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/11/14 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'



CAPACITY



Report Selections: Period: 05/01/2014 00:00 thru 05/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW,

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

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

**Activity Code / Description** WO# Ref No Initiated **Initiated By** Assigned To **Disch Status Event Date Problem** Result Completed Condition DISREV:RAIN EVENT MARKS JR **OPS CSHIFT** UNAUTHORIZED 2160121 5/10/14 DOCUMENTED 01/27/2012 LACK OF 05/10/14 09:15 DISCHARGE 6:35 pm SYSTEM DISCHAGE - WATERS

Discharge Reporting:

Discharge Amount:	24,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

## Notifications:

5/7/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/7/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

**Total Facilities Printed: 13** 

Total Work Orders Printed: 15