

MSD

Metropolitan Sewer District

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

March 13, 2014

Cheryl Edwards
Permit Support Section
Surface Water Permits Branch
Division of Water
200 Fair Oaks Lane 4th Floor
Frankfort, KY 40601

**Re: Morris Forman Water Quality Treatment Center
KPDES Permit No. KY0022411**

Dear Ms. Edwards:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period February 1st to February 28th are provided through NetDMR. All permit requirements were met for the month of February, 2014.

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

Sincerely,



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

vg



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

DMR Copy of Record

Permit					
Permit #:	KY0022411	Permittee:	MORRIS FORMAN WQTC MSD	Facility:	MORRIS FORMAN WQTC MSD
Major:	Yes	Permittee Address:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211	Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211
Permitted Feature:	001 External Outfall	Discharge:	001-1 MUNICIPAL DISCHARGE		

Report Dates & Status					
Monitoring Period:	From 02/01/14 to 02/28/14	DMR Due Date:	03/28/14	Status:	NetDMR Validated

Considerations for Form Completion
 G - INFLUENTE - SECONDARY EFFLUENT1 - FINAL 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					
First Name:	Greg	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Heitzman				

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	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	Value 2	Qualifier 3				Value 3	Units	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	5.4					19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.					>=	2 INST MIN					19 - mg/L		01/01 - Daily	GR - GRAB	
					Value NODI															
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	18082	=	23090	26 - lb/d		=	20	=	24	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS	
					Value NODI															
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	244249	=	274979	26 - lb/d		=	241	=	260	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/01 - Daily		CP - COMPOS		
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.6			=	7.5	12 - SU	0	01/01 - Daily	GR - GRAB	
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	16744	=	20839	26 - lb/d		=	18	=	22	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS	
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	297816	=	376479	26 - lb/d		=	286	=	328	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/01 - Daily		CP - COMPOS		
					Value NODI															
00610	Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0	--	Sample	=	7385	=	8323	26 - lb/d		=	8.4	=	9.8	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS	
					Value NODI															
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	9088	=	9884	26 - lb/d		=	9.2	=	10.8	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/01 - Daily		CP - COMPOS		
					Value NODI															
50050	Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	--	Sample	=	110.05	=	130.02	03 - MGD							0	99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	CN - CONTIN	
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample									<	0.01	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.										<=	.019 DAILY MX		19 - mg/L	01/01 - Daily	GR - GRAB
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	2	--	Sample							=	141	=	460	13 - #/100mL	0	XX/XX - Frequency as Reported	GR - GRAB	
					Permit Req.							<=	1000 30DA GEO	<=	2000 7 DA GEO	13 - #/100mL		01/01 - Daily	GR - GRAB	
					Value NODI															
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	91					23 - %	0	XX/XX - Frequency as Reported	CA - CALCTD	
					Permit Req.								>=	85 MO MIN				23 - %	01/30 - Monthly	CA - CALCTD
					Value NODI															
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	92					23 - %	0	XX/XX - Frequency as Reported	CA - CALCTD	
					Permit Req.								>=	85 MO MIN				23 - %	01/30 - Monthly	CA - CALCTD
					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	Type	Size
201402_MFWQTC_OverflowReport.pdf	pdf	150270
MFWQTCMOR022014.pdf	pdf	230100
MFWQTCCoverLetter021314.pdf	pdf	68743

Report Last Saved By

MORRIS FORMAN WQTC MSD

User: robin.burch@louisvillemsd.org	Date/Time: 2014-03-20 14:41 (Time Zone: -04:00)
Name: Robin Burch	
E-Mail: robin.burch@louisvillemsd.org	

DMR Copy of Record

Permit			
Permit #:	KY0022411	Permittee:	MORRIS FORMAN WQTC MSD
Major:	Yes	Permittee Address:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211
Permitted Feature:	001 External Outfall	Discharge:	001-B SECONDARY BYPASS
Facility:		Facility:	MORRIS FORMAN WQTC MSD
		Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status			
Monitoring Period:	From 02/01/14 to 02/28/14	DMR Due Date:	03/28/14
Status:	NetDMR Validated		

Considerations for Form Completion
 MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT.

Principal Executive Officer			
First Name:	Greg	Title:	Executive Director
Last Name:	Heitzman	Telephone:	502-540-6000

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	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	Value 2	Qualifier 3				Value 3	Units	
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	55		=	77	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI															
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	157		=	170	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	58		=	66	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI															
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	156		=	165	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	7.6		=	9.6	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI															
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	10.4		=	11.7	19 - mg/L	16/30 - 16 Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI															
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	26.66	=	37.75	03 - MGD						16/30 - 16 Per Month WH/DS - When Discharging	CN - CONTIN			
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD										
					Value NODI															

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

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
MORRIS FORMAN WQTC MSD

User:	robin.burch@louisvillemsd.org	Date/Time:	2014-03-20 14:44 (Time Zone: -04:00)
Name:	Robin Burch		
E-Mail:	robin.burch@louisvillemsd.org		

DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		pH		SETS (M/L)		TSS (mg/L)		TS (mg/L)		D.O. (mg/L)	5-DAY BOD (mg/L)				RETURN SLUDGE				AERATION BASIN				ACTIVE		CHLORINATION			FINAL EFFLUENT									
	Effluent	Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	raw	final	final	raw	final	g/L	g/L	mg/L	g/L	g/L	g/L	SET	SVI	Flow MG	TSS g/L	TVSS g/L	D.O. mg/L	MLSS g/L	MLVSS g/L	Sludge Wasted MG	Primary Sludge MG	Chlorine Dosage KLBS	Resid mg/L	Coliform #/100 ml	NH3-N mg/L	Pump. Hours				
																																						Sec.	prim.	Flow	TSS
2/1	76.24	76.24	0.0	56	56	7.6	7.3	22.0	0.1	552	19	5.8	347	152	13	26.3	11.9	9.4	10.5	3.2	2.3	188	59	1.05	0.17	1.17	0.010	27	18	0.00											
2/2	163.76	119.61	44.15	53	53	7.5	7.2	14.9	4.5	304	117	5.8	172	229	84	26.6	11.6	9.8	12.3	2.6	1.9	181	72	0.95	0.20	4.41	0.010	1100	10	0.00											
2/3	120.78	109.95	10.83	53	53	7.5	7.5	7.5	0.1	228	29	7.4	260	170	106	26.3	13.6	11.1	14.1	2.8	2.1	190	69	0.91	0.23	1.79	0.010	43	7	0.00											
2/4	135.93	110.53	25.4	53	53	7.4	7.2	13.5	0.4	302	58	6.2	335	206	98	26.5	13.6	11.3	10.9	3.1	2.5	177	57	0.89	0.16	2.62	0.010	620	7	13.00											
2/5	213.89	124.45	89.44	49	49	7.2	7.0	6.5	2.5	148	72	10.8	110	123	71	25.8	13.2	10.5	16.7	3.0	2.1	180	61	0.78	0.12	4.54	0.010	9300	4	24.00											
2/6	164.16	130.02	34.14	49	49	7.4	7.1	13.1	0.2	268	36	8.5	209	130	39	26.5	12.3	10.3	14.0	2.2	1.8	151	69	0.80	0.12	4.23	0.010	180	6	24.00											
2/7	151.06	128.54	22.52	50	50	7.4	7.0	13.0	0.2	250	25	6.8	274	159	64	27.5	10.5	8.8	12.1	3.2	2.7	170	53	0.85	0.16	2.78	0.010	3300	9	24.00											
2/8	140.94	128.03	12.91	52	52	7.3	6.6	8.5	0.1	180	29	6.9	153	123	28	27.6	12.5	10.2	11.4	2.9	2.7	164	56	0.75	0.30	3.20	0.010	184	8	24.00											
2/9	125.76	124.3	1.46	52	52	7.5	6.8	0.1	0.1	62	19	6.8	85	62	18	27.4	6.6	5.2	12.7	2.4	1.6	152	63	0.82	0.38	2.49	0.010	172	8	24.00											
2/10	110.11	110.11	0.0	53	53	7.4	6.9	2.5	0.1	56	22	7.1	101	95	19	26.8	5.2	3.9	13.2	2.6	1.7	179	68	0.73	0.24	1.89	0.010	240	10	24.00											
2/11	96.57	96.57	0.0	51	51	7.3	6.9	19.5	0.2	348	20	6.9	337	140	23	26.6	5.0	3.8	11.7	2.0	1.1	160	83	0.82	0.35	1.67	0.010	220	12	13.00											
2/12	93.11	93.11	0.0	52	52	7.5	7.0	16.0	0.2	280	23	5.4	316	203	23	27.0	6.4	5.4	12.7	2.3	1.7	188	81	0.96	0.28	1.61	0.010	300	12	0.00											
2/13	93.91	93.91	0.0	54	54	7.5	7.1	2.0	0.2	122	42	5.8	217	220	35	26.4	7.8	6.0	12.5	3.1	2.0	192	61	0.89	0.18	1.73	0.010	740	12	0.00											
2/14	129.23	104.41	24.82	53	53	7.5	7.0	38.0	4.5	855	115	7.9	634	259	93	26.9	14.2	12.3	12.8	3.1	2.6	190	62	0.94	0.16	3.41	0.010	41	13	0.00											
2/15	114.73	108.58	6.15	52	52	7.6	7.0	15.0	0.2	396	42	7.5	240	152	30	26.9	16.1	13.9	13.3	3.2	2.8	168	53	0.93	0.16	2.92	0.010	104	7	0.00											
2/16	101.28	101.28	0.0	52	52	7.5	7.4	10.9	0.1	220	28	7.5	187	135	22	26.8	13.3	11.1	12.7	3.0	2.1	181	63	0.91	0.18	1.94	0.010	41	8	0.00											
2/17	149.99	106.03	43.96	53	53	7.4	7.1	12.2	5.9	584	192	5.6	240	207	91	26.1	12.4	10.2	9.7	3.3	2.4	183	56	0.78	0.19	3.76	0.010	84	7	0.00											
2/18	168.46	125.83	42.63	52	52	7.4	6.8	10.5	0.6	258	51	8.8	190	133	40	26.3	16.3	13.0	14.3	4.2	3.1	174	42	0.77	0.29	4.14	0.010	270	6	0.00											
2/19	151.83	124.35	27.48	54	54	7.4	7.0	11.1	0.3	292	39	7.1	200	122	35	26.3	14.0	11.5	11.8	3.5	2.6	166	48	0.71	0.28	3.94	0.010	88	7	0.00											
2/20	121.94	113.02	8.92	55	55	7.5	7.1	13.5	0.2	272	27	6.4	248	152	22	26.9	16.4	12.9	11.1	3.3	2.2	180	54	0.63	0.20	3.00	0.010	88	8	15.00											
2/21	144.99	117.05	27.94	55	55	7.6	7.0	8.5	0.5	274	43	7.2	234	137	38	27.2	15.7	12.7	11.6	3.3	2.7	172	54	0.79	0.21	3.77	0.010	163	6	24.00											
2/22	123.91	120.14	3.77	57	57	7.8	7.2	13.9	0.2	268	34	5.6	219	148	24	27.4	13.0	10.3	10.1	2.9	1.9	169	58	0.88	0.22	2.92	0.010	148	8	24.00											
2/23	117.89	117.89	0.0	55	55	7.6	7.2	15.5	0.2	324	30	5.8	226	160	23	27.0	15.0	12.4	10.7	3.0	2.4	184	64	0.90	0.18	2.72	0.010	17	7	24.00											
2/24	108.12	108.12	0.0	51	51	7.5	7.1	1.5	0.2	78	30	5.7	115	164	22	27.3	5.6	4.4	8.9	2.9	1.9	186	65	0.83	0.19	2.56	0.010	58	8	24.00											
2/25	107.6	107.6	0.0	54	54	7.4	7.2	17.5	0.2	400	28	6.2	291	165	15	27.4	6.3	4.7	10.6	3.8	2.6	201	52	0.82	0.28	2.23	0.010	46	12	24.00											
2/26	97.55	97.55	0.0	53	53	7.5	7.4	0.7	0.5	118	32	5.7	171	171	20	27.5	6.4	4.7	10.3	3.6	2.4	203	57	0.83	0.34	1.87	0.010	43	12	24.00											
2/27	95.13	95.13	0.0	52	52	7.4	7.3	24.0	0.4	490	36	6.2	534	186	21	27.5	7.7	6.0	11.8	4.4	3.0	220	50	0.87	0.28	1.83	0.010	15	14	24.00											
2/28	89.11	89.11	0.0	52	52	7.7	6.9	1.6	0.9	90	46	6.8	113	172	28	27.9	7.5	6.0	11.5	3.9	3.0	221	57	0.95	0.25	1.71	0.010	42	15	24.00											
Total	3508.0	3081.5	426.5													752.7								23.740	6.300							377.00									
Average	125.3	110.1	15.2	53	53	7.5	7.1	11.9	0.9	286	46	6.8	241	160	41	26.9	11.1	9.0	12.0	3.1	2.3	181	60	0.85	0.23	2.74	0.010	141	9												

SEWER CONNECTIONS 131152 TIMES 4 = 524608 SEWER POPULATION
 IND. WASTER POPULATION EQ CUSTOMERS 373
 FLOW 668582
 BOD 954464
 TSS 900370

Authorized Agent  Certification No. 4663

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Feb-14

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	127.27	39.20	30.80	14.54
Tanks in Service	4.00	6.0	7.5	4.0
Surface Area (Ft.2)	77000.00	51797.00	64923.44	34600.00
Volume (MG)	8.33	5.31	6.65	3.54
Weir Length (Ft.)	2860.00	2146.73	2690.76	1434.00
Avg. Weir Overflow (GPD/Ft)	44498.41	18260.30	11448.11	10137.66
Avg. Settling Rate (GPD/Ft ²)	1652.80	963.54	654.15	550.52
Avg. Detention Time	1.57	3.25	5.18	5.85

AERATION TANKS	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	49.91	42.47	19.05
Avg. Detention Time (Hours)	2.57	3.27	3.47

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	0.72

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2108237		2/5/14 3:00 pm	MARKS JR	OPS CSHIFT	DOCUMENTED	12/15/2007	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE - WATERS	02/05/14 03:20 PM	

Discharge Reporting:

Discharge Amount:	25 GAL
Cause:	LG&E POWER FAIL
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	INSTALLED GENERATOR TILL POWER RESTORED
Public Notification:	MSD USED SIGNS TO WARN THE PUBLIC

Notifications:

2/5/14 2:47 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	00746	804 N ARBOR DR		MIDDLE FORK BEARGRASS CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107919		2/4/14 7:30 am	SINGLETON	OPS BSHIFT CENTRAL	DOCUMENTED	12/16/2000	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 03:48 PM	

Discharge Reporting:

Discharge Amount:	12,450 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO WEATHER EVENT
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING WEATHER EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
2/5/14 2:46 pm	DISNOT	Manual email notification of unauthorized discharge sent to sayre.dennis@epamail.epa.gov, eppc.ert@ky.gov and charlie.roth@ky.gov

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107908		2/4/14 11:51 pm	GRIFFITH	GRIFFITH	DOCUMENTED	11/29/2001	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 02:09 PM	

Discharge Reporting:

Discharge Amount:	932,029 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	CAUTION TAPE AND 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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107909		2/4/14 11:03 pm	GRIFFITH	GRIFFITH	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	02/05/14 10:10 AM	

Discharge Reporting:

Discharge Amount:	2,400 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108282
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107911		2/4/14 10:44 pm	GRIFFITH	GRIFFITH	DOCUMENTED	04/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 10:44 AM	

Discharge Reporting:

Discharge Amount:	7,200 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISLCN WO# 2108286
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107898		2/5/2014 3:18:00AM	GRIFFITH	FIELDS	DOCUMENTED	04/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	02/05/14 10:46 AM	

Discharge Reporting:

Discharge Amount:	1,100 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108139
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemad.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemad.org, Sayre.Dennis@epamail.epa.gov'



Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	27007	1013 ALTA CIR		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107891		2/5/14 12:15 am	FIELDS	GRIFFITH	DOCUMENTED	02/05/2014	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 09:53 AM	

Discharge Reporting:

Discharge Amount:	2,200 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108088
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'



Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	34093540	3540 FINCASTLE RD		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107901		2/4/14 11:10 pm	MITCHELL	GRIFFITH	DOCUMENTED	11/17/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	02/05/14 09:42 AM	

Discharge Reporting:

Discharge Amount:	1,450 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108151
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	34093542	3542 FINCASTLE RD		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107899		2/4/14 11:09 pm	MITCHELL	GRIFFITH	DOCUMENTED	11/17/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 09:43 AM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108144
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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 DISCHARGE	2107903		2/4/14 11:11 pm	MITCHELL	GRIFFITH	DOCUMENTED	07/29/2009	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 09:45 AM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108155
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'



Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	40871	2120 INDIAN HILLS TRL		MUDDY FORK BEARGRASS CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107902		2/5/14 2:50 am	MARKS JR	OPS ASHIFT	DOCUMENTED	03/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	02/05/14 10:10 AM	

Discharge Reporting:

Discharge Amount:	33,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO WEATHER EVENT
Clean Up:	CONTRACTOR CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING WEATHER EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	40872	2105 INDIAN HILLS TRL		MUDDY FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107900		2/5/14 2:50 am	MARKS JR	OPS ASHIFT	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 10:10 AM	

Discharge Reporting:

Discharge Amount:	33,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DURING A WEATHER EVENT
Clean Up:	CONTRACTOR CLEANED & SANITIZED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING WEATHER EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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 BEARGRASS CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107896		2/5/14 3:18 am	FIELDS	GRIFFITH	DOCUMENTED	03/27/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 10:45 AM	

Discharge Reporting:

Discharge Amount:	1,800 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108134
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDE IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107892		2/5/14 12:45 am	FIELDS	GRIFFITH	DOCUMENTED	09/02/2003	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 12:30 PM	

Discharge Reporting:

Discharge Amount:	11,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108097
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	47582	201 BULLITT LN		MIDDLE FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107894		2/5/14 1:30 am	FIELDS	GRIFFITH	DOCUMENTED	12/05/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 10:15 AM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108127
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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 BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107893		2/5/14 12:13 am	FIELDS	GRIFFITH	DOCUMENTED	02/06/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 10:15 AM	

Discharge Reporting:

Discharge Amount:	1,750 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108111
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	47596	7410 STEEPLECREST CIR		MIDDLE FORK BEARGRASS CREEK	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISREV:RAIN EVENT DISCHARGE	2108128		2/5/14 12:15 am	FIELDS	GRIFFITH	DOCUMENTED	02/05/2014	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	02/05/14 09:53 AM	

Discharge Reporting:

Discharge Amount:	2,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO#
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107906		2/4/14 11:15 pm	MITCHELL	GRIFFITH	DOCUMENTED	09/12/2006	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 10:08 AM	

Discharge Reporting:

Discharge Amount:	4,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108277
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'



Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2113302		2/17/2014 5:15:00PM	GRIFFITH	GRIFFITH	DOCUMENTED	09/12/2006	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	02/17/14 06:45 PM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2113332
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 DIRECT CONTACT WITH DISCAHRGED CONTENT

Notifications:

2/6/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
2/6/14 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'



Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	65623	1804 ROUND RIDGE RD		MUDDY FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107895		2/5/14 2:54 am	FIELDS	GRIFFITH	DOCUMENTED	06/23/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 10:33 AM	

Discharge Reporting:

Discharge Amount:	2,700 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108131
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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	99259	3536 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 DISCHARGE	2107905		2/4/14 11:12 pm	MITCHELL	GRIFFITH	DOCUMENTED	07/29/2009	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 09:46 AM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2108160
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 DISCHARGED CONTENT

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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
SLS Sewer Lift Station	MSD0186-PS	2120 INDIAN HILLS TRL	MUDDY FORK	MUDDY FORK BEARGRASS CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107885		2/5/14 2:30 am	MARKS JR	OPS ASHIFT	DOCUMENTED	01/27/2012	MECHANICAL FAILURE	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 02:45 AM	

Discharge Reporting:

Discharge Amount:	750 GAL
Cause:	NO PUMPS RUNNING
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	TURN PUMPS ON
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'



Report Selections: Period: 02/01/2014 00:00 thru 02/28/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment 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
SLS Sewer Lift Station	MSD1024-PS	8410 SAUREL DR	SAUREL DR	GOOSE CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2107884		2/5/14 12:50 am	MARKS JR	OPS ASHIFT	DOCUMENTED	01/26/2012	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	02/05/14 04:15 PM	

Discharge Reporting:

Discharge Amount:	46,250 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO WEATHER EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING WEATHER EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

Notifications:

1/30/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
1/30/14 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: 21

Total Work Orders Printed: 23