

MSD

Metropolitan Sewer District

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

September 18, 2013

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

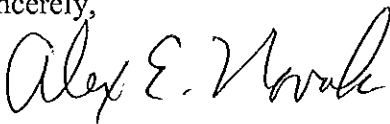
**Re: Morris Forman Water Quality Treatment Center
KPDES Permit No. KY0022411**

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 August 1st to August 31st are provided through NetDMR. All permit requirements were met for the month of August, 2013.

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

Sincerely,



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

vg

MFDMR0613.doc



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 08/01/13 to 08/31/13	DMR Due Date:	09/28/13	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					=	3.8					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	=	5139	=	5685	26 - lb/d		=	8	=	9	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	=	155711	=	169332	26 - lb/d		=	245	=	287	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					=	6.3			=	6.9	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	=	4369	=	4889	26 - lb/d		=	7	=	8	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	=	228145	=	355568	26 - lb/d		=	340	=	379	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	=	2863	=	3249	26 - lb/d		=	4.6	=	4.8	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	=	9082	=	9668	26 - lb/d		=	14.4	=	16.3	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	=	75.55	=	133.61	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	1	--	Sample						=	28	=	39	13 - #/100mL	0	01/01 - Daily	GR - GRAB		
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL		01/01 - Daily	GR - GRAB		
					Value NODI															
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	96				23 - %	0	01/30 - Monthly	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					=	98				23 - %	0	01/30 - Monthly	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
201308_MFWQTC_Overflow.pdf	pdf	76752
201308MFWQTCcoverLetter.pdf	pdf	16145
201308MFWQTCMOR.pdf	pdf	34547

Report Last Saved By

MORRIS FORMAN WQTC MSD

User:	richgalardi	Date/Time:	2013-09-18 08:03 (Time Zone: -04:00)
Name:	Richard Galardi		
E-Mail:	rich.galardi@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 Location:	MORRIS FORMAN WQTC MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status			
Monitoring Period:	From 08/01/13 to 08/31/13	DMR Due Date:	09/28/13
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						=	17	=	18	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	113	=	151	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	21	=	23	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	87	=	86	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	5.4	=	5.7	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	15.3	=	16.9	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	18.66	=	22.1	03 - MGD					06/30 - Six 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:	richgalardi	Date/Time:	2013-09-18 08:05 (Time Zone: -04:00)
Name:	Richard Galardi		
E-Mail:	rich.galardi@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	
	Final	Sec.	Bypass	raw	final	raw	final	raw	final	raw	final	raw	final	final	raw	final	final	MG	TSS g/L	TVSS g/L	D.O. mg/L	MLSS g/L	MLVSS g/L	SET	SVI	Sludge Wasted MG	Primary Sludge MG	Chlorine Dosage KLBS	Resid mg/L	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours
	Effluent	Effluent																														
8/1	74.92	74.92	0.0	77	77	6.8	6.3	14.9	0.1	346	14			6.4	341	219	9	26.3	10.4	8.8	11.3	3.0	2.3	218	72	0.96	0.36	2.15	0.010	46	7	0.00
8/2	72.98	72.98	0.0	77	77	7.1	6.5	13.5	0.1	368	13			5.0	335	190	8	27.0	10.1	8.3	12.6	3.1	2.4	244	80	0.93	0.33	2.17	0.010	19	6	0.00
8/3	70.68	70.68	0.0	78	78	7.2	6.9	13.0	0.1	352	11			4.8	296	151	6	26.8	10.1	8.5	13.0	3.2	2.6	254	80	0.94	0.32	2.26	0.010	12	6	0.00
8/4	66.27	66.27	0.0	75	75	7.0	6.8	20.1	0.1	406	30			5.4	278	122	4	27.1	9.7	8.1	14.1	2.9	2.5	252	88	1.10	0.34	2.36	0.010	16	5	0.00
8/5	67.8	67.8	0.0	76	76	7.0	6.4	3.0	0.1	170	12			6.0	179	140	8	26.1	9.4	8.1	13.6	2.8	2.5	221	78	1.04	0.31	2.53	0.010	13	5	0.00
8/6	69.44	69.44	0.0	77	77	7.1	6.2	20.0	0.1	554	11			5.8	424	172	10	25.8	9.4	8.2	13.7	2.7	2.4	238	87	0.86	0.31	2.81	0.010	27	6	0.00
8/7	71.33	71.33	0.0	79	79	6.8	6.3	3.5	0.1	130	10			5.1	157	126	9	25.2	8.9	7.8	13.2	3.2	3.1	247	77	0.85	0.34	3.18	0.010	21	8	0.00
8/8	68.59	68.59	0.0	80	80	7.1	6.4	4.0	0.1	176	10			5.0	210	176	11	25.7	10.7	9.0	12.5	3.1	2.5	284	91	0.88	0.34	2.78	0.010	23	8	0.00
8/9	104.43	90.19	14.24	79	79	7.4	6.4	21.0	0.1	640	18			5.4	322	134	13	25.8	9.7	8.3	13.3	2.8	2.4	237	84	0.90	0.33	4.09	0.010	3	10	0.00
8/10	115.96	114.62	1.34	79	79	7.3	6.4	12.0	0.1	412	11			6.0	189	69	10	26.1	10.1	8.5	15.4	2.5	2.0	212	84	0.80	0.33	4.37	0.010	88	5	0.00
8/11	81.88	81.88	0.0	83	83	6.9	6.5	12.1	0.1	386	7			6.4	241	112	6	26.3	9.9	8.1	15.0	2.8	2.1	238	84	0.99	0.30	3.72	0.010	48	4	0.00
8/12	132.1	95.84	36.26	77	77	7.0	6.4	12.0	0.2	404	29			5.9	140	92	17	26.6	8.5	6.4	15.5	2.5	1.4	191	77	0.98	0.32	5.44	0.010	88	5	0.00
8/13	170.17	133.62	36.55	77	77	7.1	6.6	9.5	0.5	368	33			6.5	122	79	21	25.8	9.9	7.8	17.7	2.0	1.7	152	79	0.84	0.28	6.04	0.010	64	3	0.00
8/14	90.11	90.11	0.0	79	79	7.1	6.6	15.9	0.1	268	10			7.5	127	85	4	26.4	8.0	6.2	18.0	2.0	1.5	153	77	0.80	0.24	3.81	0.010	20	5	0.00
8/15	81.8	81.8	0.0	74	74	7.2	6.5	3.5	0.1	132	8			6.5	160	102	7	25.9	8.3	6.6	16.7	2.0	1.8	144	72	0.75	0.26	3.23	0.010	40	5	0.00
8/16	75.82	75.82	0.0	76	76	7.2	6.7	4.1	0.1	154	10			6.4	250	149	8	26.2	8.1	6.4	16.6	2.4	1.9	172	71	0.74	0.26	2.74	0.010	70	6	0.00
8/17	70.23	70.23	0.0	76	76	7.3	6.9	3.5	0.1	114	11			5.4	171	162	2	25.6	10.1	8.1	13.5	2.9	2.2	183	64	0.75	0.25	2.42	0.010	27	4	0.00
8/18	67.35	67.35	0.0	79	79	7.1	6.6	8.5	0.1	252	10			5.9	171	103	6	25.7	9.9	8.1	14.7	3.0	2.4	199	67	0.81	0.27	2.33	0.010	42	4	0.00
8/19	67.77	67.77	0.0	78	78	7.1	6.5	15.0	0.1	392	10			5.9	241	128	6	26.3	8.9	7.4	14.8	3.0	2.5	220	75	0.89	0.33	2.32	0.010	23	2	0.00
8/20	94.17	84.52	9.65	79	79	7.0	6.6	6.0	0.1	202	17			5.9	222	151	18	26.7	11.3	9.6	13.4	2.8	2.5	219	80	1.01	0.42	3.73	0.010	44	5	0.00
8/21	74.41	74.41	0.0	78	78	7.1	6.4	15.0	0.1	368	14			6.4	216	102	8	26.8	11.2	9.1	7.7	3.3	2.4	191	58	1.05	0.32	1.26	0.010	46	6	0.00
8/22	70.62	70.62	0.0	79	79	7.0	6.5	5.5	0.1	150	8			3.8	150	106	4	27.5	10.3	8.4	9.5	2.9	2.3	213	75	0.96	0.20	1.89	0.010	37	9	0.00
8/23	67.72	67.72	0.0	79	79	7.0	6.4	11.0	0.1	352	8			8.4	240	148	8	27.4	8.6	7.1	15.9	2.5	2.1	183	73	0.89	0.34	1.82	0.010	11	2	0.00
8/24	62.19	62.19	0.0	79	79	7.0	6.4	16.0	0.1	392	10			5.8	284	132	10	27.1	6.0	5.1	15.6	2.5	2.2	184	73	0.82	0.33	1.94	0.010	20	7	0.00
8/25	60.59	60.59	0.0	81	81	7.0	6.5	16.0	0.1	360	8			7.8	179	117	6	27.1	9.0	7.6	15.4	2.7	2.3	180	69	0.77	0.26	2.63	0.010	4	5	0.00
8/26	65.05	65.05	0.0	79	79	7.0	6.4	15.9	0.1	374	9			5.8	262	138	5	27.2	8.5	6.9	13.7	2.5	2.0	183	74	0.78	0.26	2.69	0.010	17	4	0.00
8/27	66.66	66.66	0.0	80	80	6.8	6.4	14.0	0.2	360	10			5.0	266	135	7	27.1	7.9	6.6	11.9	2.3	2.0	181	81	0.83	0.35	2.27	0.010	23	5	0.00
8/28	64.71	64.71	0.0	81	81	7.0	6.3	18.9	0.2	376	8			5.6	258	147	7	27.1	8.0	6.5	13.4	2.2	1.9	179	81	0.86	0.35	2.20	0.010	80	5	0.00
8/29	62.6	62.6	0.0	80	80	7.0	6.4	19.5	0.2	530	10			5.6	253	124	8	27.1	7.7	6.8	13.5	2.5	2.0	198	79	0.83	0.19	2.54	0.010	40	5	0.00
8/30	61.34	61.34	0.0	83	83	7.4	6.3	17.9	0.2	424	10			5.8	564	158	7	27.0	8.7	7.4	17.3	2.4	2.0	193	81	0.80	0.19	2.50	0.010	58	5	0.00
8/31	84.12	70.22	13.9	81	81	7.3	6.3	19.9	0.2	628	20			5.4	358	152	21	26.9	8.3	7.2	12.8	2.8	2.5	229	81	0.82	0.25	3.55	0.010	42	4	0.00
Total	2453.8	2341.9	111.9															821.5								27.210	9.280					0.00
Average	79.2	75.5	3.6	79	79	7.1	6.5	12.4	0.1	340	13			5.9	245	133	9	26.5	9.2	7.6	14.0	2.7	2.2	206	77	0.88	0.30	2.90	0.010	28	5	0.00

SEWER CONNECTIONS

131121 TIMES 4 = 524484 SEWER POPULATION

IND. WASTER POPULATION EQ
 CUSTOMERS 372
 FLOW 229375
 BOD 428292
 TSS 544337

Authorized Agent

Certification No. 4663

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Aug-13

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	80.41	23.79	19.45	11.05
Tanks in Service	3.87	8.0	8.0	4.0
Surface Area (Ft.2)	74497.50	69200.00	69200.00	34600.00
Volume (MG)	8.06	7.09	7.09	3.54
Weir Length (Ft.)	2767.05	2868.00	2868.00	1434.00
Avg. Weir Overflow (GPD/Ft)	29059.90	8295.63	6781.47	7706.96
Avg. Settling Rate (GPD/Ft2)	1079.37	500.83	450.02	433.43
Avg. Detention Time	2.41	7.15	8.75	7.70

AERATION TANKS	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	34.66	31.14	15.00
Avg. Detention Time (Hours)	4.24	5.18	4.56

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.18

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Last Full Month: 08/2013, 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	13943	4119 LEE AVE		SOUTH 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	1995559		8/12/13 4:45 pm	GRIFFITH	GRIFFITH	DOCUMENTED	03/19/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/12/13 06:50 PM	

Discharge Reporting:

Discharge Amount:	100 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1995626
Control Zone:	CAUTION TAPE AND CONES 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 DISCAHRGE

Notifications:

8/7/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
8/7/13 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'

Report Selections: Last Full Month: 08/2013, 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	CSO113	1215 ELLISON AVE		SOUTH FORK BEARGRASS CREEK	STREAM

<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>
DISDW: DRY WEATHER DISCHARGE	1996574		8/15/13 12:49 pm	BRIGHT	BRIGHT	REPAIRED - ISSUE RESOLVED	08/15/2013	OBSTRUCTION-N OT GREASE / ROOTS	UNAUTHORIZED DISCHARGE - WATERS	08/15/13 01:26 PM	

Discharge Reporting:

Discharge Amount:	925 GAL
Cause:	OBSTRUCTION AT LOW FLOW MOUTH OF PIPE. LARGE NUMBER OF BRICKS AND STONE PILED UP AT MOUTH OF PIPE.
Clean Up:	NO CLEAN UP NECESSARY, CSO DISCHARGES DIRECTLY INTO IMPROVED CHANNEL OF BEARGRASS CREEK.
Control Zone:	NO CONTROL ZONE NECESSARY. PIPE DISCHARGES DIRECTLY INTO BEARGRASS CREEK AND PERMANENT SIGNS ALREADY POSTED.
Impact:	DISCHARGE FLOWING FROM FLAPGATE INTO CREEK. SEWAGE EVIDENT.
Repair:	LOW FLOW PIPE WAS FLUSHED TO MITIGATE OVERFLOW, INITIATING A TVI WORK ORDER TO TRY TO DETERMINE WHERE BRICK CAME FROM.
Public Notification:	THERE IS NO ONE TO INFORM AS THIS AREA IS UNACCESSIBLE TO THE PUBLIC.

Notifications:

8/13/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemtd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
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Report Selections: Last Full Month: 08/2013, 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	MSD0125-PS	3602 TRAIL RIDGE RD	TRAIL RIDGE	LITTLE GOOSE CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	2001991		8/27/13 12:35 pm	SINGLETON	OPS BSHIFT EAST	REPAIRED - ISSUE RESOLVED	08/27/2013	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	08/27/13 12:36 PM	

Discharge Reporting:

Discharge Amount:	50 GAL
Cause:	FORCE MAIN BREAK
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE AREA
Impact:	SEWAGE OBSERVED
Repair:	CONTRACTOR REPAIRING FORCE MAIN; MSD HAULING
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

Notifications:

8/16/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemad.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
8/16/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemad.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Total Facilities Printed: 3

Total Work Orders Printed: 3