



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

September 22, 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 August 1st to August 31st are provided through NetDMR. All permit requirements were met for the month of August, 2014.

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

Sincerely,

A handwritten signature in black ink that reads "Alex E. Novak". The signature is written in a cursive style.

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 08/01/14 to 08/31/14	DMR Due Date:	09/28/14	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					=	4.3					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	=	8994	=	10613	26 - lb/d		=	13	=	16	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	=	220693	=	264040	26 - lb/d		=	300	=	333	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					=	6.5			=	7.1	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	=	9255	=	9944	26 - lb/d		=	13	=	12	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	=	288439	=	369328	26 - lb/d		=	367	=	452	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	=	5580	=	6307	26 - lb/d		=	8.2	=	11.7	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	=	8758	=	9560	26 - lb/d		=	12	=	15.9	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	=	85.9	=	124.43	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						=	32	=	221	13 - #/100mL	0	XX/XX - Frequency as Reported	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					=	95				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					=	96				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
MFWQTCMOR082014.pdf	pdf	38408
MFWQTCoverLeter082014.pdf	pdf	13233
201408_MFWQTC_OverflowReport.pdf	pdf	96021

Report Last Saved By

MORRIS FORMAN WQTC MSD

User:	richgalardi	Date/Time:	2014-09-23 12:33 (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:	MORRIS FORMAN WQTC MSD
		Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status			
Monitoring Period:	From 08/01/14 to 08/31/14	DMR Due Date:	09/28/14
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			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	34	=	35	19 - mg/L	01/14 - Once Every 2 Weeks 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						=	170	=	201	19 - mg/L	01/14 - Once Every 2 Weeks 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						=	67	=	64	19 - mg/L	01/14 - Once Every 2 Weeks 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						=	197	=	191	19 - mg/L	01/14 - Once Every 2 Weeks 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						=	7.2	=	8.3	19 - mg/L	01/14 - Once Every 2 Weeks 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						=	12.1	=	12.3	19 - mg/L	01/14 - Once Every 2 Weeks 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	=	19.48	=	20.47	03 - MGD						01/14 - Once Every 2 Weeks 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
Name:	Richard Galardi
E-Mail:	rich.galardi@louisvillemsd.org
Date/Time:	2014-09-23 12:35 (Time Zone: -04:00)

Press (Ctrl r) to recalculate spreadsheet.

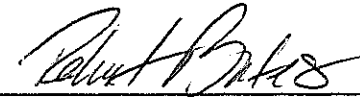
MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF August 2014
 KPDES PERMIT NO. KY0022411 PLANT CAPACITY - 120 MGD RECEIVING STREAM-OHIO RIVER

DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		PH		SETS (ML)		TSS (mg/L)		D.O. (mg/L)	5-DAY BOD (mg/L)			RETURN SLUDGE				AERATION BASIN				ACTIVE		CHLORINATION			FINAL EFFLUENT		
	Effluent	Sec.	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	prim.	final	final	FLOW 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	Focal Coliform #/100 ml	NH3-N mg/L	Pump. Hours
8/1	84.49	84.49	0.00	80	80	7.4	6.9	18.3	0.1	500	14	5.0	413	289	11	24.6	11.1	9.4	11.9	3.1	2.7	161	51	0.82	0.34	2.18	0.010	116	10	0.00	
8/2	81.14	81.14	0.00	79	79	7.6	6.6	16.6	0.1	380	11	5.4	332	315	6	25.2	11.1	9.5	12.5	3.4	2.8	232	66	0.91	0.31	2.34	0.010	3	12	0.00	
8/3	57.97	57.97	0.00	77	77	7.5	6.7	10.9	0.1	192	11	6.4	162	152	8	25.8	9.6	8.1	12.0	3.1	2.6	211	68	0.97	0.28	2.45	0.010	6	14	0.00	
8/4	58.36	58.36	0.00	79	79	7.4	6.8	17.9	0.1	302	14	6.2	235	170	10	25.2	8.4	7.4	15.8	2.8	2.6	197	70	1.00	0.33	2.57	0.010	5	14	0.00	
8/5	81.83	81.83	0.00	78	78	7.2	7.1	11.0	0.1	332	14	5.4	345	211	16	24.6	9.8	8.3	14.3	3.2	2.7	202	63	0.96	0.25	2.75	0.010	4	13	0.00	
8/6	63.30	63.30	0.00	77	77	7.4	6.7	6.5	0.1	242	14	5.2	277	215	11	24.6	9.7	8.5	13.1	3.0	2.7	210	69	0.94	0.26	2.49	0.010	12	14	0.00	
8/7	65.73	65.73	0.00	74	74	7.4	6.8	10.3	0.1	352	13	5.0	312	238	11	24.7	9.4	8.2	11.4	2.8	2.5	219	78	0.96	0.30	2.59	0.010	17	14	0.00	
8/8	103.92	109.77	44.16	78	78	7.1	6.5	2.5	2.0	134	115	5.0	169	160	78	25.0	10.8	9.2	13.6	4.2	3.6	168	40	1.03	0.19	6.91	0.010	2700	11	0.00	
8/9	106.93	106.76	3.17	76	76	7.5	6.7	8.0	0.2	176	20	7.3	144	147	16	24.7	13.7	11.3	15.4	3.0	2.5	169	58	0.91	0.09	6.68	0.010	290	6	0.00	
8/10	127.38	104.19	23.19	78	78	7.6	6.9	11.0	3.0	250	108	6.4	139	126	34	24.9	14.4	12.0	17.3	5.3	4.3	177	33	0.91	0.22	6.31	0.010	2800	5	0.00	
8/11	117.33	88.82	27.71	77	77	7.4	6.9	13.8	1.4	160	62	6.2	126	171	37	24.9	10.5	8.4	13.9	2.9	2.4	179	61	0.89	0.16	6.31	0.010	20	7	0.00	
8/12	99.11	96.60	2.51	76	77	7.4	6.8	10.8	0.2	302	17	7.0	286	200	11	24.7	10.9	8.9	15.4	3.0	2.6	182	65	0.90	0.14	5.17	0.010	31	4	0.00	
8/13	72.42	72.42	0.00	77	77	7.1	6.7	10.5	0.1	308	23	5.4	377	275	18	24.4	11.2	9.1	14.0	3.3	2.7	19.7	59	0.88	0.31	3.62	0.010	2350	6	0.00	
8/14	70.22	70.22	0.00	77	77	7.0	6.7	24.9	0.1	610	17	5.4	726	375	15	24.6	10.4	8.6	12.1	4.2	3.5	252	72	0.71	0.35	3.23	0.010	8	5	0.00	
8/15	67.39	67.39	0.00	77	78	7.5	6.7	14.0	0.1	420	16	6.5	389	245	13	25.1	12.6	10.7	10.3	3.2	2.7	314	96	0.88	0.40	2.79	0.010	10	9	0.00	
8/16	69.38	69.38	0.00	78	78	7.5	6.8	12.5	0.1	208	11	4.3	290	147	7	25.1	11.5	9.6	12.7	3.5	2.9	259	73	0.98	0.37	2.93	0.010	48	15	0.00	
8/17	157.06	124.23	32.83	77	77	7.3	6.8	13.9	2.4	704	88	6.8	286	156	46	25.3	12.7	10.4	16.9	3.0	2.6	198	64	0.92	0.25	6.54	0.010	10	10	0.00	
8/18	118.30	108.11	8.18	77	77	7.4	6.7	10.9	0.1	322	15	6.0	231	105	8	25.1	12.8	10.4	16.5	3.0	2.5	183	61	0.82	0.23	4.31	0.010	12	6	0.00	
8/19	81.81	81.81	0.00	78	78	7.2	7.0	25.5	0.1	672	10	6.0	454	224	9	24.5	11.6	9.3	14.8	2.9	2.7	208	70	0.86	0.29	2.83	0.010	17	8	0.00	
8/20	77.28	77.28	0.00	79	79	7.2	6.7	19.9	0.1	516	12	4.9	361	214	12	24.9	11.5	9.4	11.2	3.8	3.2	214	58	0.81	0.30	3.04	0.010	10	9	0.00	
8/21	73.91	73.91	0.00	81	81	7.1	6.7	10.8	0.1	320	10	4.7	322	216	6	25.6	12.5	10.2	11.1	3.6	3.0	212	60	0.80	0.32	3.24	0.010	50	12	0.00	
8/22	92.21	81.09	11.12	81	81	7.3	6.8	19.0	1.5	552	58	5.0	522	298	37	26.0	12.1	10.1	12.0	2.8	2.5	274	94	0.82	0.31	4.05	0.010	8	14	0.00	
8/23	106.14	123.43	42.71	79	79	7.3	6.9	7.5	1.0	468	51	5.1	197	143	34	26.2	14.4	12.1	9.2	2.7	2.3	237	83	0.77	0.26	7.70	0.010	8	6	0.00	
8/24	149.80	124.43	25.37	79	79	7.4	7.0	6.3	0.3	172	26	7.0	118	84	15	26.1	16.2	12.9	14.2	3.4	2.7	221	62	0.81	0.17	6.51	0.010	211	4	0.00	
8/25	93.69	93.69	0.00	79	79	7.4	7.0	13.9	0.1	328	8	7.6	287	143	9	25.5	15.3	12.1	14.2	4.4	3.6	229	51	0.81	0.16	3.65	0.010	12	7	0.00	
8/26	86.52	86.52	0.00	82	82	7.3	6.9	15.4	0.1	430	11	6.6	377	262	13	25.1	14.8	11.8	12.7	3.3	2.7	228	67	0.66	0.23	3.48	0.010	139	8	0.00	
8/27	118.43	93.54	21.89	80	80	7.4	6.7	12.9	2.7	368	87	5.1	295	270	61	25.4	15.1	12.0	11.2	3.5	2.8	254	68	0.97	0.28	5.40	0.010	20	7	0.00	
8/28	103.89	102.67	1.22	80	80	7.3	6.8	13.3	0.1	396	16	5.3	284	209	10	26.8	16.9	13.8	10.4	2.6	3.2	24.7	69	0.92	0.19	4.98	0.010	9	4	0.00	
8/29	83.88	83.88	0.00	81	81	7.2	6.7	17.0	0.1	492	18	5.2	486	356	15	27.7	14.8	11.8	10.9	3.7	3.1	360	93	1.00	0.22	3.28	0.010	36	6	0.00	
8/30	122.95	98.17	26.78	79	79	7.5	6.9	13.0	5.0	460	187	4.9	230	243	68	29.1	13.1	10.7	10.9	3.4	2.7	291	86	1.17	0.30	5.85	0.010	70	10	0.00	
8/31	94.00	93.14	0.86	78	78	7.6	7.0	12.0	3.5	316	84	5.0	128	73	24	28.7	16.4	13.1	14.3	3.4	2.7	274	80	1.12	0.15	5.27	0.010	30	7	0.00	
Total	2935.7	2863.0	272.7													760.1								27.927	7.962					0.00	
Average	94.7	85.9	8.8	78.3	78.4	7.4	6.8	13.3	0.8	387	37	5.7	300	207	22	25.6	12.4	10.2	13.1	3.3	2.8	212	67	0.90	0.26	4.24	0.010	32	9	0.00	

SEWER CONNECTIONS 130714 TIMES 4 = 522856 SEWER POPULATION

IND. WASTER POPULATION EQ
 CUSTOMERS 384
 FLOW 379040
 BOD 870891
 TSS 856245

Authorized Agent



Certification No. 5691

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Aug-14

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	94.70	24.95	24.33	12.05
Tanks in Service	3.03	7.0	8.0	4.0
Surface Area (FL2)	58327.50	60270.78	69200.00	34600.00
Volume (MG)	6.31	6.17	7.09	3.54
Weir Length (Ft.)	2166.45	2497.93	2868.00	1434.00
Avg. Weir Overflow (GPD/Ft)	43711.62	9988.21	8483.42	8400.60
Avg. Settling Rate (GPD/FL2)	1623.57	548.82	533.49	484.82
Avg. Detention Time	1.60	5.94	6.99	7.06

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	33.08	36.92	16.77
Avg. Detention Time (Hours)	4.04	4.14	4.18

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.13

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 08/01/2014 00:00 thru 08/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality 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	08717	3726 FINCASTLE RD		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2222160		8/27/14 6:30 pm	MITCHELL	GRIFFITH	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/27/14 07:50 PM	

Discharge Reporting:

Discharge Amount:	2,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2222176
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 TO AVOID CONTACT WITH DISCHARGE

Notifications:

8/28/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 08/01/2014 00:00 thru 08/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality 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	2219455		8/22/14 9:09 pm	GRIFFITH	GRIFFITH	DOCUMENTED	11/29/2001	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/22/14 11:42 PM	

Discharge Reporting:

Discharge Amount:	118,282 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	CAUTION TAPE AND TEMPORARY
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

Notifications:

8/25/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 08/01/2014 00:00 thru 08/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality 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	13946	1600 BELMAR DR		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	2222140		8/27/14 6:12 pm	MITCHELL	GRIFFITH	DOCUMENTED	10/30/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/27/14 07:40 PM	

Discharge Reporting:

Discharge Amount:	4,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	DISLCN WO# 4349866
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC WAS NOFITIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

Notifications:

8/28/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 08/01/2014 00:00 thru 08/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality 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	2219579		8/22/14 8:30 am	GRIFFITH	GRIFFITH	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/23/14 09:30 PM	

Discharge Reporting:

Discharge Amount:	4,591 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2219975
Control Zone:	TEMPORARY SIGNS AND CAUTION TAPE PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID CONTACT WITH DISCHARGE

Notifications:

8/25/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemad.org'
8/23/14 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemad.org, Sayre.Dennis@epamail.epa.gov'



Report Selections: Period: 08/01/2014 00:00 thru 08/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality 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	2220873		8/27/2014 6:34:00PM	GRIFFITH	FISHER	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/27/14 07:30 PM	

Discharge Reporting:

Discharge Amount:	2,221 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2220873
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOFITIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

Notifications:

8/28/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
8/25/14 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: 08/01/2014 00:00 thru 08/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality 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	2219251		8/22/14 8:03 pm	FISHER	GRIFFITH	DOCUMENTED	04/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/22/14 11:30 PM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2219379
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

Notifications:

8/23/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
8/9/14 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: 08/01/2014 00:00 thru 08/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality 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	2211880		8/8/14 8:35 am	MITCHELL	GRIFFITH	DOCUMENTED	09/12/2006	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/09/14 12:00 PM	

Discharge Reporting:

Discharge Amount:	22,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN # 2212180
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

Notifications:

8/9/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
7/30/14 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: 08/01/2014 00:00 thru 08/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

<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	2222148		8/27/2014 6:00:00PM	GRIFFITH	MITCHELL	DOCUMENTED	09/12/2006	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/27/14 07:10 PM	

Discharge Reporting:

Discharge Amount:	3,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2222152
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 TO AVOID CONTACT WITH DISCHARGE

Notifications:

8/28/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemad.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 08/01/2014 00:00 thru 08/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality 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	KK14815019	4108 LEE AVE		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2222138		8/27/14 7:20 pm	MITCHELL	GRIFFITH	DOCUMENTED	07/29/2009	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/27/14 07:45 PM	

Discharge Reporting:

Discharge Amount:	200 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2222143
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 TO AVOID CONTACT WITH DISCHARGE

Notifications:

8/28/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 08/01/2014 00:00 thru 08/31/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality 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	MSD0007-PS	334 MOCKINGBIRD VALLEY RD	MOCKINGBIRD VALLEY	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	2223558		8/30/14 6:50 pm	SINGLETON	OPS BSHIFT EAST	REPAIRED - ISSUE RESOLVED	08/30/2014	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE - WATERS	08/30/14 07:20 PM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	TREE FELL ON POWER LINES KNOCKING POWER OUT TO THE STATION
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	GENERATOR INSTALLED UNTIL POWER RESTORED WO#2223559
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

Notifications:

9/2/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
8/28/14 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: 8

Total Work Orders Printed: 10