



700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.540.6000 | LouisvilleMSD.org

September 21, 2017

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, 2017 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet the 30 day TSS. All other effluent parameters were met.

In May 2017 a new oxygen generation system went online for supply of high purity oxygen to the Secondary process. We are continuing to work with the supplier to verify they are supplying the needed amount of oxygen.

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

Sincerely,

Alex E. Novak, P.E.
Treatment Facilities Director

DMR Copy of Record

Permit					
Permit #:	KY0022411	Permittee:	Morris Forman WQTC MSD	Facility:	MORRIS FORMAN WQTC MSD
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203	Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211
Permitted Feature:	001 External Outfall	Discharge:	001-1 MUNICIPAL DISCHARGE		

Report Dates & Status					
Monitoring Period:	From 08/01/17 to 08/31/17	DMR Due Date:	09/28/17	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:	James A.	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Parrott				

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					=	2.3					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	=	16581	=	17613	26 - lb/d		=	27	=	32	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	=	250734	=	287361	26 - lb/d		=	406	=	427	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					=	6.2			=	7	12 - SU	0	01/01 - Daily	GR - GRAB				
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB				
					Value NODI																		
X 00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	20667	=	28737	26 - lb/d		=	32	=	45	19 - mg/L	1	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	=	280333	=	311662	26 - lb/d		=	446	=	466	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	=	8057	=	10128	26 - lb/d		=	13.6	=	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		<=	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	=	8975	=	9433	26 - lb/d		=	14.6	=	16.5	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	=	73.71	=	132.47	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									<	0.016	19 - mg/L	0	01/01 - Daily	GR - GRAB				
					Permit Req.											<=		0.019 DAILY MX	19 - mg/L	01/01 - Daily	GR - GRAB		
					Value NODI																		
74055	Coliform, fecal general	1 - Effluent Gross	1	--	Sample									=	82	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					=	93					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					=	93					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						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge

00530 Solids, total suspended E - Secondary/Biological Process Complete Quality or Concentration Sample Value 2 Soft The provided sample value is outside the permit limit. (Error Code: 1) Yes

Comments

Attachments

Name	Type	Size
201708MFWQTCOverflowReport.pdf	pdf	99946
MFWQTC082017MOR.pdf	pdf	122234
MFWQTC082017Coverletter.pdf	pdf	32660

Report Last Saved By

Morris Forman WQTC MSD

User: kessel@louisvillemsd.org | Date/Time: 2017-09-22 08:18 (Time Zone: -04:00)
Name: John Kessel
E-Mail: kessel@louisvillemsd.org

DMR Copy of Record

Permit			
Permit #:	KY0022411	Permittee:	Morris Forman WQTC MSD
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203
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 08/01/17 to 08/31/17	DMR Due Date:	09/28/17
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:	James A.	Title:	Executive Director
Last Name:	Parrott	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
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	45		=	58	19 - mg/L	10/30 - Ten Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L 0		
					Value NODI													
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	280		=	300	19 - mg/L	10/30 - Ten Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L 0		
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	68		=	108	19 - mg/L	10/30 - Ten Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L 0		
					Value NODI													
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	233		=	358	19 - mg/L	10/30 - Ten Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L 0		
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	13.6		=	16.8	19 - mg/L	10/30 - Ten Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L 0		
					Value NODI													
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	20.9		=	24.5	19 - mg/L	10/30 - Ten Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L 0		
					Value NODI													
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	7.73	=	9.81	03 - MGD						10/30 - Ten Per Month WH/DS - When Discharging	CN - CONTIN CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD					0			
					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:	kessel@louisvillemsd.org	Date/Time:	2017-09-22 08:18 (Time Zone: -04:00)
Name:	John Kessel		
E-Mail:	kessel@louisvillemsd.org		

Format: Month/Day/Year

Enter Start Date : 8/1/17

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF August-17
 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	
	Final	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	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours	
	Effluent	Effluent																														
8/1/17	78.50	74.48	4.02	80	80	7.0	6.4	20.0	0.1	640	10	4.8	526	299	7	28.8	9.1	8.0	7.1	2.9	2.6	216	74	0.69	0.27	2.98	0.016	32	10	0.0		
8/2/17	148.01	132.47	15.54	78	78	7.0	6.3	15.0	0.1	404	29	4.3	307	220	28	28.9	11.7	10.4	8.9	3.7	3.3	222	63	0.79	0.11	5.63	0.016	180	7	0.0		
8/3/17	70.60	70.60	0.00	79	79	7.0	6.6	15.0	0.2	380	13	5.1	426	296	12	28.9	11.4	10.1	6.3	2.6	2.3	257	102	0.89	0.15	3.38	0.016	176	9	0.0		
8/4/17	67.12	67.12	0.00	79	79	7.0	6.5	13.5	0.1	372	17	6.5	421	291	14	28.9	11.7	10.2	5.3	5.0	4.3	277	54	0.91	0.48	1.76	0.016	58	11	0.0		
8/5/17	60.70	60.70	0.00	76	76	6.8	6.4	16.0	0.4	408	13	5.2	412	293	11	28.7	13.0	11.4	3.7	2.7	2.4	304	111	0.98	0.50	1.75	0.016	12	12	0.0		
8/6/17	92.40	84.62	7.78	78	78	7.0	6.5	11.0	1.5	256	50	5.6	375	267	47	29.2	12.0	10.4	4.2	3.0	2.7	331	108	0.97	0.24	2.68	0.016	24	11	0.0		
8/7/17	127.05	115.17	11.88	75	75	7.0	6.2	12.0	0.5	404	43	5.5	287	152	28	28.8	12.9	10.9	8.8	2.5	2.2	176	68	0.96	0.23	3.79	0.016	8	4	0.0		
8/8/17	76.40	76.40	0.00	76	76	7.0	6.6	18.0	0.1	508	11	5.9	430	234	9	28.7	13.2	11.2	4.3	3.2	2.8	237	72	1.01	0.32	2.21	0.016	43	9	0.0		
8/9/17	68.67	68.67	0.00	77	77	7.1	6.6	21.0	0.4	568	18	4.6	457	375	15	29.3	13.4	11.3	2.2	3.5	2.9	297	83	1.02	0.21	1.72	0.016	148	14	0.0		
8/10/17	64.95	64.95	0.00	81	81	6.9	6.5	23.0	0.5	508	27	7.3	614	321	21	28.8	16.5	13.4	2.0	4.3	3.6	320	72	1.03	0.35	2.18	0.016	1150	19	0.0		
8/11/17	68.74	68.74	0.00	79	79	6.9	6.6	2.5	1.0	552	20	5.3	431	312	17	28.6	16.8	14.2	1.2	5.6	4.8	347	61	1.02	0.56	1.63	0.016	212	20	0.0		
8/12/17	63.09	63.09	0.00	80	80	7.0	6.5	12.5	0.7	372	28	3.6	414	318	22	28.6	16.1	13.7	1.6	4.4	3.8	301	67	1.01	0.41	2.29	0.016	505	19	0.0		
8/13/17	57.67	57.67	0.00	79	79	6.8	6.4	11.0	1.0	292	27	3.6	235	269	25	28.8	16.1	14.2	1.9	3.7	3.2	313	104	1.01	0.35	2.14	0.016	201	18	0.0		
8/14/17	65.78	65.78	0.00	79	79	7.0	6.5	15.0	1.0	460	28	4.4	309	260	16	28.8	16.0	13.6	2.3	6.4	5.4	310	49	0.89	0.41	2.10	0.016	410	20	0.0		
8/15/17	63.07	63.07	0.00	80	80	6.9	6.7	21.0	1.0	472	22	5.1	430	272	14	28.6	16.9	14.2	1.8	5.6	4.6	284	51	0.75	0.41	1.22	0.016	20	24	0.0		
8/16/17	63.21	63.21	0.00	84	84	7.0	6.4	18.0	1.0	540	20	4.2	352	190	12	29.0	15.9	13.1	1.9	6.7	5.5	333	51	0.73	0.46	2.47	0.016	81	23	0.0		
8/17/17	89.38	82.99	6.39	81	81	6.8	6.6	12.0	2.5	356	93	3.7	414	393	59	28.8	14.7	12.9	1.1	4.4	3.9	309	71	0.77	0.39	3.77	0.016	10	24	0.0		
8/18/17	124.03	115.80	8.23	79	79	6.8	6.3	9.0	0.5	282	55	3.2	212	155	39	29.4	18.2	15.7	2.3	3.1	2.7	176	57	0.78	0.40	6.53	0.016	92	10	0.0		
8/19/17	75.16	75.16	0.00	79	79	6.9	6.5	15.0	0.2	428	28	4.4	391	265	24	29.2	18.9	16.2	1.4	4.3	3.7	281	65	0.82	0.47	2.62	0.016	29	13	0.0		
8/20/17	68.13	68.13	0.00	81	81	7.1	7	20.0	0.1	436	22	4.4	318	208	25	29.3	17.6	15.5	2.4	4.6	4.0	352	77	0.99	0.41	2.00	0.016	13	12	0.0		
8/21/17	69.55	69.55	0.00	81	81	6.7	6.5	20.0	0.3	620	27	4.0	401	294	21	29.4	15.9	13.6	2.2	5.0	4.4	347	70	0.98	0.23	1.70	0.016	208	14	0.0		
8/22/17	102.18	91.66	10.52	79	79	6.8	6.6	22.0	3.5	656	130	4.0	402	402	69	29.2	16.1	14.2	1.6	4.7	4.1	348	74	0.95	0.38	4.47	0.016	50	19	0.0		
8/23/17	80.27	79.18	1.09	80	80	7.1	6.5	8.5	1.5	216	85	6.0	258	198	46	29.2	17.9	16.1	2.3	4.7	3.9	328	70	0.73	0.45	3.13	0.016	79	12	0.0		
8/24/17	59.05	59.05	0.00	79	79	6.9	6.6	20.0	0.5	360	49	4.2	307	260	27	29.1	16.8	14.3	1.6	5.0	4.3	402	79	1.03	0.48	2.00	0.016	152	21	0.0		
8/25/17	58.18	58.18	0.00	79	79	6.8	6.6	28.0	0.5	668	42	2.7	544	358	38	29.3	17.4	14.8	3.4	8.1	7.0	427	53	1.09	0.52	2.08	0.016	105	24	0.0		
8/26/17	61.89	61.89	0.00	80	80	6.6	6.6	1.4	1.9	504	42	4.0	514	335	33	29.6	17.1	14.7	3.1	8.2	7.1	381	48	0.97	0.37	2.37	0.016	295	18	0.0		
8/27/17	57.40	57.40	0.00	80	80	6.8	6.6	19.5	3.0	424	54	4.5	457	310	36	29.5	17.1	14.8	1.7	7.7	6.8	357	46	0.90	0.22	2.34	0.016	235	14	0.0		
8/28/17	65.42	65.42	0.00	79	79	6.7	6.6	13.5	1.5	368	32	2.3	510	332	31	29.4	16.3	14.1	1.3	4.8	4.1	358	73	0.90	0.22	2.23	0.016	16	17	0.0		
8/29/17	85.53	76.70	8.83	79	79	6.8	6.5	21.0	1.8	625	89	4.7	512	346	56	28.9	17.9	15.4	0.9	5.2	4.5	421	79	0.84	0.29	3.78	0.016	240	21	0.0		
8/30/17	56.30	56.30	0.00	79	79	6.6	6.2	11.0	0.4	476	33	5.0	528	347	33	29.1	18.4	15.7	0.9	5.0	4.3	353	69	0.94	0.36	2.49	0.016	60	15	0.0		
8/31/17	73.90	70.85	3.05	79	79	6.8	6.5	5.5	1.0	284	96	2.6	391	372	70	29.4	19.4	16.7	0.8	5.4	4.7	444	80	0.88	0.36	5.71	0.016	240	18	0.0		
Sum	2362.3	2285.0	77.3													900.2								28.225	11.023					0.0		
Average	76.2	73.7	7.7	79.2	79.2	6.9	6.5	15.2	0.9	446.4	40.4	4.5	406.0	288.5	29.2	29.0	15.6	13.4	2.9	4.7	4.1	316.4	71.0	0.9	0.4	2.8	0.0	82.4	15.5			

SEWER CONNECTIONS

147563 TIMES 4 =

590252 SEWER POPULATION

IND. WASTER POPULATION EQ

CUSTOMERS 374

FLOW 142796

BOD 928765

TSS 788369

Authorized Agent

Certification No. 26893

MORRIS FORMAN WASTEWATER TREATMENT PLANT JEFFERSON COUNTY, KY

Month of Aug-17

Average Flow

	Primary	Secondary		
		Battery A	Battery B	Battery C

SETTLING TANKS	Primary	Battery A	Battery B	Battery C
Average Flow (MGD)	76.97	24.76	14.86	8.05
Tanks in Service	4.00	8.0	8.0	3.0
Surface Area (Ft.2)	77000.00	69161.32	68902.15	25870.10
Volume (MG)	8.33	7.08	7.06	2.65
Weir Length (Ft.)	2860.00	2866.40	2855.66	1072.19
Avg. Weir Overflow (GPD/Ft)	26912.59	8638.52	5204.41	7506.09
Avg. Settling Rate (GPD/Ft2)	999.61	517.07	403.36	509.39
Avg. Detention Time	2.60	6.87	11.40	7.90

AERATION TANKS

Battery A Battery B Battery C

Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	35.76	27.79	13.18
Avg. Detention Time (Hours)	4.07	6.78	6.26

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: 08/01/2017 00:00 thru 08/31/2017 23:59, 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	2788007		08/17/2017	LOGAN JR	MITCHELL	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/17/17 08:15 PM	

Discharge Reporting:

Discharge Amount:	2,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2788055
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:

7/22/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
7/22/17 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: 08/01/2017 00:00 thru 08/31/2017 23:59, 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	CSO018	1800 NIGHTINGALE RD		SOUTH 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	2796178		08/29/2017	DODDS	DODDS	REPAIRED - ISSUE RESOLVED	08/29/2017	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	08/29/17 10:45 PM	

Discharge Reporting:

Discharge Amount:	1,000,000 GAL
Cause:	GATE FAILURE AT CSO018.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL
Control Zone:	PERMANENT SIGN IN PLACE - NO ADDITIONAL CONTROL ZONE SET UP
Impact:	NO IMPACT OBSERVED - FACILITY UNDER ELEVATED CREEK LEVEL
Repair:	GATE REPAIRED BY MSD.
Public Notification:	PERMANENT SIGN IN PLACE

Notifications:

8/18/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
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Total Facilities Printed: 2

Total Work Orders Printed: 2