



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

August 13, 2019

Crystal Dennis  
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. Dennis:

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 July 1<sup>st</sup> to July 31<sup>st</sup>, 2019 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet 30 day TSS, 7 day TSS, 30 day BOD, 7 day BOD, TSS percent removal and a one day Dissolved Oxygen violation for the reporting period.

Compromised solids handling equipment is contributing to the exceedances. MFWQTC continues to employ additional solids processing methods and additional Liquid Oxygen purchases in an effort to meet permit requirements.

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**

<b>Permit</b>			
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

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 07/01/19 to 07/31/19	DMR Due Date:	08/28/19
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.

<b>Principal Executive Officer</b>			
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			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	82	=	104	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS 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						=	199	=	228	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS 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						=	175	=	182	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS 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						=	232	=	337	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS 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						=	11.5	=	13.4	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS 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						=	13.8	=	15.5	19 - mg/L	06/30 - Six Per Month WH/DS - When Discharging	CP - COMPOS 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	=	16.5	=	32.88	03 - MGD					99/99 - Continuous WH/DS - When Discharging	CN - CONTIN 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: kessel@louisvillemsd.org  
 Name: John Kessel  
 E-Mail: kessel@louisvillemsd.org  
 Date/Time: 2019-08-26 13:40 (Time Zone: -04:00)

**Report Last Signed By**

User: kessel@louisvillemsd.org  
 Name: John Kessel  
 E-Mail: kessel@louisvillemsd.org  
 Date/Time: 2019-08-26 13:43 (Time Zone: -04:00)

DMR Copy of Record

<b>Permit</b>					
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		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 07/01/19 to 07/31/19	DMR Due Date:	08/28/19	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.

<b>Principal Executive Officer</b>					
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			
X 00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	1.6					19 - mg/L	1	01/01 - Daily	GR - GRAB			
					Permit Req. Value NODI					>=	2 INST MIN					19 - mg/L		01/01 - Daily	GR - GRAB			
X 00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	25104	=	37391	26 - lb/d		=	37	=	63	19 - mg/L	2	01/01 - Daily	CP - COMPOS			
					Permit Req. Value NODI																	
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	199529	=	247263	26 - lb/d		=	303	=	404	19 - mg/L		01/01 - Daily	CP - COMPOS			
					Permit Req. Value NODI																	
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.3				12 - SU		01/01 - Daily	GR - GRAB				
					Permit Req. Value NODI																	
X 00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	45906	=	73728	26 - lb/d		=	66	=	125	19 - mg/L	2	01/01 - Daily	CP - COMPOS			
					Permit Req. Value NODI																	
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	230868	=	253569	26 - lb/d		=	338	=	389	19 - mg/L		01/01 - Daily	CP - COMPOS			
					Permit Req. Value NODI																	
00610	Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0	--	Sample	=	7957	=	9051	26 - lb/d		=	12.5	=	12.5	19 - mg/L		01/01 - Daily	CP - COMPOS			
					Permit Req. Value NODI																	
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	8655	=	9171	26 - lb/d		=	13.3	=	14.7	19 - mg/L		01/01 - Daily	CP - COMPOS			
					Permit Req. Value NODI																	
50050	Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	--	Sample	=	76.77	=	81.53	03 - MGD								99/99 - Continuous	CN - CONTIN			
					Permit Req. Value NODI																	
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample										<	0.016	19 - mg/L		01/01 - Daily	GR - GRAB		
					Permit Req. Value NODI																	
74055	Coliform, fecal general	1 - Effluent Gross	1	--	Sample										=	38	=	56	13 - #/100mL		01/01 - Daily	GR - GRAB
					Permit Req. Value NODI																	
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample										=	88		23 - %		01/30 - Monthly	CA - CALCTD	
					Permit Req. Value NODI																	
X 81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample										=	80		23 - %	1	01/30 - Monthly	CA - CALCTD	
					Permit Req. 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.

<b>Edit Check Errors</b>						
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
00530	Solids, total suspended	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
81011	Solids, suspended percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00310	BOD, 5-day, 20 deg. C	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
MFWQTCMOR082019.pdf	pdf	86649
MFWQTC072019Coverletter.pdf	pdf	26132
July2019_OverflowReport_MorrisForman.pdf	pdf	99299

**Report Last Saved By**

**Morris Forman WQTC MSD**

User: kessel@louisvillemsd.org  
 Name: John Kessel  
 E-Mail: kessel@louisvillemsd.org  
 Date/Time: 2019-08-26 13:43 (Time Zone: -04:00)

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User: kessel@louisvillemsd.org  
 Name: John Kessel  
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 Date/Time: 2019-08-26 13:43 (Time Zone: -04:00)

Format: Month/Day/Year  
 Enter Start Date : 7/1/19

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF July-19  
 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 Effluent	Sec. Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	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 Dosege KLBS	Resid mg/L	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours
7/1/19	108.70	91.06	17.64	71	71	7.2	6.4	10.0	1.8	244	90	6.1	205	119	62	23.0	16.7	12.4	14.9	2.9	2.2	177	62	1.05	0.19	3.21	0.016	39	9	0.0
7/2/19	73.79	73.79	0.00	71	71	7.1	6.4	11.5	0.1	256	7	5.6	235	95	7	22.8	15.7	11.4	15.0	2.7	1.9	191	71	1.05	0.23	1.92	0.016	39	11	0.0
7/3/19	97.39	88.91	8.48	72	72	7.2	6.6	9.5	0.3	297	46	5.4	296	218	43	23.0	11.3	8.5	8.1	3.6	2.6	186	52	1.08	0.21	2.65	0.016	56	12	0.0
7/4/19	75.72	75.72	0.00	72	72	7.3	6.3	9.5	0.1	224	7	7.5	195	111	6	22.9	14.5	10.6	12.4	2.6	2.0	187	72	1.07	0.15	2.06	0.016	45	9	0.0
7/5/19	74.52	74.52	0.00	71	71	7.2	6.5	14.0	0.1	277	6	8.5	180	188	5	22.8	13.3	9.5	15.5	6.5	4.7	200	31	1.08	0.28	1.70	0.016	4	11	0.0
7/6/19	67.87	67.87	0.00	75	75	7.3	6.4	10.0	0.1	227	7	6.4	238	232	6	22.7	12.9	9.5	10.7	7.4	5.4	231	32	1.08	0.14	1.53	0.016	25	13	0.0
7/7/19	60.31	60.31	0.00	73	73	7.3	6.6	12.0	0.1	210	6	6.2	210	170	7	22.7	16.1	11.4	13.0	4.0	2.9	224	64	1.09	0.15	1.50	0.016	14	14	0.0
7/8/19	74.31	74.31	0.00	75	75	7.2	6.7	15.1	0.2	340	14	5.7	242	237	9	23.0	15.0	10.8	9.3	3.4	2.5	202	56	1.08	0.24	2.01	0.016	7	15	0.0
7/9/19	74.88	74.88	0.00	78	78	7.3	6.6	15.0	0.1	304	11	5.7	199	195	10	22.8	16.5	12.0	6.0	3.0	2.2	191	58	1.08	0.27	1.90	0.016	280	15	0.0
7/10/19	79.40	79.40	0.00	77	77	7.3	6.6	12.0	0.2	388	9	4.8	338	284	12	23.0	17.5	12.7	6.2	3.0	2.2	189	64	1.07	0.24	2.22	0.016	9	17	0.0
7/11/19	78.98	78.98	0.00	76	76	7.3	6.5	13.5	0.2	316	16	6.5	189	184	13	23.1	17.7	12.9	17.6	3.2	2.3	233	62	1.08	0.27	2.14	0.016	107	15	0.0
7/12/19	74.11	74.11	0.00	77	77	7.3	6.8	14.2	0.1	350	11	5.1	276	200	7	23.0	14.1	10.4	7.2	3.6	2.7	193	61	0.94	0.20	1.95	0.016	17	16	0.0
7/13/19	69.62	69.62	0.00	76	76	7.2	6.5	11.0	0.1	263	10	5.1	309	296	8	23.0	19.2	14.2	5.1	4.3	3.1	229	63	1.08	0.17	1.62	0.016	31	14	0.0
7/14/19	71.01	71.01	0.00	79	79	7.1	7	10.0	0.2	240	36	4.5	215	246	19	23.0	19.9	14.8	4.9	5.5	4.1	251	59	1.08	0.12	2.07	0.016	14	9	0.0
7/15/19	73.17	73.17	0.00	79	79	7.2	6.5	14.0	0.2	340	19	6.2	293	227	21	23.0	18.8	13.7	5.6	8.8	6.4	256	46	1.08	0.26	1.79	0.016	48	15	0.0
7/16/19	88.49	87.61	0.88	78	78	7.3	6.5	25.0	0.7	423	59	5.8	327	264	38	23.9	17.9	13.2	4.6	8.9	6.6	210	24	1.08	0.23	2.57	0.016	90	17	0.0
7/17/19	77.55	77.55	0.00	78	78	6.9	6.4	13.0	2.5	380	165	5.2	358	321	73	24.4	21.1	15.6	0.6	3.5	2.7	249	28	1.09	0.22	3.03	0.016	4	14	0.0
7/18/19	135.71	109.75	25.96	80	80	7.0	6.5	10.0	6.0	396	264	3.5	266	192	154	24.0	20.7	15.1	1.5	7.6	5.6	187	51	1.09	0.20	6.37	0.016	53	9	0.0
7/19/19	84.01	84.01	0.00	82	82	6.8	6.3	11.0	0.1	360	23	6.6	375	245	24	24.1	21.8	16.1	1.8	7.8	5.8	214	28	1.07	0.23	3.29	0.016	180	9	0.0
7/20/19	69.15	69.15	0.00	83	83	6.9	6.7	12.0	1.0	303	83	4.5	268	317	34	24.0	21.0	15.7	1.2	5.6	4.2	269	34	1.08	0.15	2.71	0.016	34	9	0.0
7/21/19	69.45	69.45	0.00	80	80	7.2	6.4	11.0	0.9	232	80	4.8	192	184	35	24.0	23.1	17.3	3.3	8.9	6.7	289	51	0.93	0.14	2.63	0.016	67	10	0.0
7/22/19	110.78	97.60	13.18	79	79	6.9	6.3	16.0	4.5	524	182	5.0	354	222	104	24.0	21.4	15.9	3.2	7.2	5.3	239	26	1.07	0.18	3.65	0.016	480	11	0.0
7/23/19	72.32	72.32	0.00	78	78	7.0	6.4	13.0	0.6	376	14	5.1	356	246	15	23.8	20.9	15.8	1.2	8.3	6.3	277	38	1.08	0.16	2.32	0.016	114	9	0.0
7/24/19	68.81	68.81	0.00	78	78	7.1	6.4	13.5	0.3	372	42	6.3	553	454	38	15.5	23.1	17.5	0.4	5.6	4.3	296	35	1.08	0.20	2.56	0.016	184	16	0.0
7/25/19	67.50	67.50	0.00	76	76	7.1	6.4	12.0	4.0	352	220	5.8	488	313	85	19.4	23.6	17.6	0.9	8.8	6.7	271	47	1.08	0.23	2.94	0.016	160	17	0.0
7/26/19	67.07	67.07	0.00	77	77	7.1	6.5	18.0	1.3	473	128	4.1	593	406	52	24.9	23.9	17.4	0.6	8.6	6.8	341	39	1.09	0.29	2.63	0.016	4	15	0.0
7/27/19	67.21	67.21	0.00	80	80	7.2	6.7	12.0	12.0	360	424	1.6	312	305	188	24.5	24.0	18.5	1.7	10.9	8.4	326	37	1.08	0.15	2.64	0.016	40	12	0.0
7/28/19	63.76	63.76	0.00	80	80	7.2	6.3	12.0	0.2	264	50	4.3	170	155	47	24.5	22.0	16.8	5.7	5.5	4.2	310	28	1.08	0.15	3.04	0.016	7	7	0.0
7/29/19	71.36	71.36	0.00	80	80	7.0	6.6	19.0	0.2	520	22	5.3	426	262	25	24.7	22.3	17.3	6.4	4.0	3.1	270	48	1.03	0.20	2.52	0.016	94	13	0.0
7/30/19	146.54	113.66	32.88	79	79	6.9	6.5	10.5	8.5	480	408	4.2	257	179	88	24.2	21.9	16.9	6.2	8.5	6.5	212	52	0.94	0.26	6.55	0.016	4	9	0.0
7/31/19	65.52	65.52	0.00	80	80	6.9	6.4	13.0	0.2	388	36	5.0	475	255	28	21.6	21.9	16.9	6.2	8.5	6.5	292	34	1.07	0.26	3.17	0.016	440	8	0.0
Sum	2479.0	2380.0	99.0												715.3								32.935	6.362						0.0
Average	80.0	76.8	16.5	77.0	77.0	7.1	6.5	13.0	1.5	338.0	80.5	5.4	302.9	236.2	40.7	23.1	19.0	14.1	6.4	5.9	4.4	238.5	46.9	1.1	0.2	2.7	0.016	37.9	12.3	

SEWER CONNECTIONS 148006 TIMES 4 = 592024 SEWER POPULATION IND. WASTER POPULATION EQ  
 CUSTOMERS 385  
 FLOW 152459  
 BOD 559126  
 TSS 465752

Authorized Agent

Certification No. 26893

MORRIS FORMAN WASTEWATER TREATMENT JEFFERSON COUNTY, KY

Month of Jul-19

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	78.17	26.99	22.15	7.38
Tanks in Service	4.00	8.0	5.0	2.0
Surface Area (Ft.2)	77000.00	69100.38	57144.90	21598.37
Volume (MG)	8.33	7.08	5.85	2.21
Weir Length (Ft.)	2860.00	2863.87	2368.38	895.15
Avg. Weir Overflow (	27332.41	9423.79	9352.51	8239.11
Avg. Settling Rate (G	1015.20	516.58	562.61	548.10
Avg. Detention Time	2.56	6.29	6.34	7.20

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	35.70	32.15	11.84
Avg. Detention Time (Hours)	3.73	4.55	6.83

CHLORINE CONTACT CHAMBERS

Contact Chambers in	2.0
Volume (Gallons)	2340000
Avg. Detention Time	1.04

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 07/01/2019 00:00 thru 07/31/2019 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	3130346		07/03/2019	DAVIS BROWN	MITCHELL	DOCUMENTED	11/29/2001	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	07/30/19 11:00 AM	MAIN

**Discharge Reporting:**

Discharge Amount:	800 GAL
Cause:	LACK OF SYSTEM CAPACITY. HEAVY RAIN.
Clean Up:	CLEAN UP NOT REQUIRED. DISCHARGE PIPE IS SUBMERGED AND DISCHARGES DIRECTLY INTO THE CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHE THE PIPE DISCHARGES DIRECTLY TO STREAM (CREEK OR RIVER).
Impact:	NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

7/4/19 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/4/19 1:00 am	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Report Selections: Period: 07/01/2019 00:00 thru 07/31/2019 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
: DISREVRain EVENT DISCHARGE	3137677		7/30/2019 3:14:00AM	MITCHELL	DAVIS BROWN	DOCUMENTED	11/29/2001	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	07/30/19 03:16 AM	MAIN

**Discharge Reporting:**

Discharge Amount:	43 GAL
Cause:	LACK OF SYSTEM CAPACTIY IN HEAVY RAIN.
Clean Up:	NONE, PIPE DISCHARGE DIRECTLY TO CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED. THE PIPE DISCHARGES DIRECTLY TO STREAM (CREEK OR RIVER).
Impact:	NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

7/30/19 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Total Facilities Printed: 1

Total Work Orders Printed: 2