



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

December 19, 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 November 1st to November 30th, 2017 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet the 30 day TSS or 7 day TSS. All other effluent parameters were met.

Compromised solids handling equipment is contributing to the exceedances. MFWQTC continues to employ additional solids processing methods: dewatered cake and an outside vendor to assist with solids handling in addition to purchasing additional Liquid Oxygen 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

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 11/01/17 to 11/30/17	DMR Due Date:	12/28/17	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:	Anthony	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					=	3.6					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	=	15750	=	26611	26 - lb/d		=	20	=	36	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	=	235920	=	297036	26 - lb/d		=	303	=	293	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			=	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																		
X 00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	29719	=	59348	26 - lb/d		=	38	=	80	19 - mg/L	2	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	=	311255	=	449567	26 - lb/d		=	399	=	439	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	=	9822	=	11954	26 - lb/d		=	14.3	=	20.4	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	=	8877	=	9382	26 - lb/d		=	12	=	15.3	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	=	89.67	=	133.99	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	2	--	Sample									=	111	=	265	13 - #/100mL	0	01/01 - Daily	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					=	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					=	90					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
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

Comments

Attachments

Name	Type	Size
MFWQTC112017Coverletter.pdf	pdf	195892
201711MFWQTCOverflowReport.pdf	pdf	102747
MFWQTC112017MOR.pdf	pdf	123428

Report Last Saved By

Morris Forman WQTC MSD

User: BURCH@LOUISVILLEMSD.ORG
 Name: Robin Burch
 E-Mail: robin.burch@louisvillemsd.org
 Date/Time: 2017-12-20 12:19 (Time Zone: -05:00)

Report Last Signed By

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2017-12-20 12:19 (Time Zone: -05:00)

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 11/01/17 to 11/30/17	DMR Due Date:	12/28/17
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:	Anthony	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						=	73	=	93	19 - mg/L	01/09 - Once Every 9 Days	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS	
					Value NODI													
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	208	=	212	19 - mg/L	01/09 - Once Every 9 Days	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS	
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	82	=	99	19 - mg/L	01/09 - Once Every 9 Days	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS	
					Value NODI													
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	165	=	168	19 - mg/L	01/09 - Once Every 9 Days	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS	
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	10.5	=	15.2	19 - mg/L	01/09 - Once Every 9 Days	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS	
					Value NODI													
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	15.4	=	18.3	19 - mg/L	01/09 - Once Every 9 Days	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0	WH/DS - When Discharging	CP - COMPOS	
					Value NODI													
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	21	=	35.36	03 - MGD						01/09 - Once Every 9 Days	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD						0	WH/DS - When Discharging	CN - CONTIN
					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: BURCH@LOUISVILLEMSD.ORG
 Name: Robin Burch
 E-Mail: robin.burch@louisvillemsd.org
 Date/Time: 2017-12-20 12:19 (Time Zone: -05:00)

Report Last Signed By

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2017-12-20 12:19 (Time Zone: -05:00)

Format: Month/Day/Year
 Enter Start Date : 11/1/17

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF November-17
 KPDES PERMIT NO. KY0022411 PLANT CAPACITY - 120 MGD RECEIVING STREAM-OHIO RIVER

DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		pH		SETS (M/L)		TSS (mg/L)		D.O. (mg/L)	5-DAY BOD (mg/L)			RETURN SLUDGE				AERATION BASIN				ACTIVE Sludge Wasted	Primary Sludge	CHLORINATION		FINAL EFFLUENT			
	Final	Sec.	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	prim.	final	final	FLOW	TSS	TVSS	D.O.	MLSS	MLVSS	SET	SVI	MG	MG	Chlorine Dosage	Resid	Fecal Coliform	NH3-N	Pump.
	Effluent	Effluent															MG	g/L	g/L	mg/L	g/L	g/L					KLBS	mg/L	#/100 ml	mg/L	Hours
11/1/17	106.64	106.64	0.00	65	65	6.9	6.7	19.5	0.1	622	23	5.3	340	210	15	30.3	15.5	13.1	6.4	5.1	4.2	293	58	0.95	0.40	1.71	0.016	48	14.4	0.0	
11/2/17	93.44	92.98	0.46	66	66	7.0	6.6	16.2	0.1	484	25	5.6	347	207	16	30.3	16.4	14.2	5.4	4.7	4.3	308	66	1.01	0.43	1.62	0.016	54	12.1	0.0	
11/3/17	190.50	121.56	68.94	267	67	6.7	6.6	12.2	1.3	482	62	3.6	244	238	97	30.0	19.4	16.5	10.8	7.1	6.0	321	47	0.99	0.41	4.15	0.016	1150	9.0	0.0	
11/4/17	108.96	108.96	0.00	68	68	6.9	6.7	9.0	0.1	384	59	5.4	302	168	44	29.5	17.0	14.2	12.4	4.8	4.0	289	60	0.91	0.24	4.01	0.016	5600	5.8	0.0	
11/5/17	93.97	93.97	0.00	70	70	6.9	6.6	13.2	0.1	386	22	5.4	255	172	19	29.7	14.1	11.9	12.8	5.0	4.1	216	48	0.90	0.28	1.67	0.016	112	5.0	0.0	
11/6/17	170.89	133.99	36.90	68	68	6.7	6.5	9.8	3.2	384	206	4.3	239	255	149	30.0	14.9	12.6	10.7	3.3	2.4	247	86	0.95	0.31	5.26	0.016	111	7.3	11.2	
11/7/17	167.91	132.79	35.12	64	64	6.8	6.5	4.8	0.6	180	101	4.1	217	148	69	30.1	13.6	11.6	9.1	4.0	3.6	239	78	0.94	0.37	5.26	0.016	445	6.5	24.0	
11/8/17	116.81	116.50	0.31	66	66	7.1	6.6	9.4	0.1	278	30	6.4	290	173	23	30.5	13.9	11.8	13.0	2.9	2.3	270	94	0.93	0.34	2.60	0.016	105	5.9	24.0	
11/9/17	99.94	99.27	0.67	63	63	6.9	6.6	17.1	0.1	458	35	6.0	450	231	25	30.6	13.0	11.2	11.4	3.4	3.0	329	100	0.91	0.37	3.09	0.016	164	7.9	24.0	
11/10/17	89.94	89.94	0.00	63	63	6.8	6.6	19.0	0.2	556	78	4.8	468	222	36	30.6	15.1	12.7	7.7	4.4	3.7	346	79	0.92	0.34	3.09	0.016	290	8.2	24.0	
11/11/17	83.84	83.84	0.00	61	61	7.2	6.8	16.5	3.9	312	204	6.3	189	287	73	30.6	14.1	11.7	10.2	4.1	3.4	369	90	0.91	0.38	3.17	0.016	577	11.4	24.0	
11/12/17	87.43	87.43	0.00	65	65	7.1	6.6	10.2	0.9	244	122	5.9	151	98	67	31.1	16.7	14.3	11.6	8.3	7.0	448	54	0.87	0.37	1.81	0.016	60	14.1	16.9	
11/13/17	84.47	84.47	0.00	63	63	7.2	6.6	2.9	0.1	128	47	6.8	158	113	27	31.3	15.6	13.2	14.3	5.3	4.4	411	77	0.92	0.42	1.62	0.016	31	19.2	0.0	
11/14/17	76.93	76.93	0.00	64	64	7.1	6.7	17.8	0.1	446	33	7.4	344	173	16	31.0	11.8	9.9	12.1	5.1	4.3	443	93	1.08	0.44	1.43	0.016	24	21.2	0.0	
11/15/17	123.11	97.88	25.23	64	64	6.8	6.7	8.5	3.0	264	124	6.5	254	276	120	31.0	14.9	12.5	6.7	5.4	4.6	431	80	1.17	0.49	2.38	0.016	17	17.8	0.0	
11/16/17	88.81	88.81	0.00	62	62	6.9	6.6	2.4	0.1	156	32	6.0	281	225	18	30.9	15.3	12.8	8.9	4.3	3.7	401	91	1.18	0.42	2.21	0.016	395	10.0	0.0	
11/17/17	87.62	87.62	0.00	59	59	7.0	6.6	3.5	0.1	588	14	5.1	380	210	13	30.1	16.1	13.8	5.9	7.1	6.0	407	89	1.23	0.34	1.99	0.016	231	13.6	0.0	
11/18/17	116.71	96.15	20.56	63	63	7.0	6.7	7.1	2.2	244	122	6.0	233	286	139	30.7	16.1	13.5	7.4	4.3	3.6	358	83	1.01	0.39	4.71	0.016	550	16.8	0.0	
11/19/17	89.32	88.54	0.78	61	61	7.4	6.7	4.9	0.1	150	35	6.0	130	58	19	30.3	15.3	13.4	16.5	4.2	4.0	364	87	1.02	0.38	4.24	0.016	250	11.0	0.0	
11/20/17	81.68	81.68	0.00	59	59	7.2	6.9	6.2	0.1	264	12	6.2	290	178	9	30.2	15.1	12.7	17.1	5.2	4.3	328	64	1.20	0.39	1.49	0.016	83	16.2	0.0	
11/21/17	77.87	77.87	0.00	62	62	7.2	6.7	21.2	0.1	592	11	5.7	446	312	10	30.3	14.3	12.2	10.3	5.3	4.5	367	71	1.23	0.44	1.48	0.016	50	16.9	0.0	
11/22/17	79.70	79.70	0.00	64	64	7.0	6.7	18.5	0.1	556	14	4.4	376	249	10	30.2	13.8	11.5	11.8	4.6	3.8	349	76	1.08	0.41	1.30	0.016	41	16.5	0.0	
11/23/17	87.67	87.67	0.00	63	63	7.0	6.7	14.5	0.1	400	14	4.6	309	309	14	30.1	15.7	13.5	8.8	4.6	3.9	367	79	1.10	0.22	1.88	0.016	98	15.3	0.0	
11/24/17	66.66	66.66	0.00	61	61	7.4	6.7	12.0	0.1	286	23	4.6	222	181	17	30.4	15.3	13.0	13.1	5.0	4.2	404	81	1.00	0.21	1.53	0.016	93	18.4	0.0	
11/25/17	66.84	66.84	0.00	62	62	7.3	6.8	16.0	0.1	408	12	5.9	175	158	13	30.2	14.2	12.2	15.2	4.6	3.9	403	87	1.00	0.23	1.33	0.016	76	22.1	0.0	
11/26/17	62.10	62.10	0.00	63	63	7.5	6.8	12.5	0.1	200	10	6.1	234	121	12	30.2	14.5	12.1	14.3	4.3	3.5	406	93	0.95	0.26	1.30	0.016	42	22.8	0.0	
11/27/17	67.59	67.59	0.00	63	63	7.2	6.9	13.1	0.1	384	10	5.9	312	234	14	30.2	13.1	11.4	12.7	4.5	4.0	370	84	1.01	0.39	1.11	0.016	44	24.9	0.0	
11/28/17	68.74	68.74	0.00	64	64	7.2	6.7	23.2	0.1	840	10	5.3	398	234	20	29.5	14.2	12.1	11.7	5.1	4.4	310	60	1.12	0.44	1.34	0.016	87	22.6	0.0	
11/29/17	68.97	68.97	0.00	63	63	6.9	6.7	21.1	0.1	658	13	5.6	513	299	16	29.8	13.9	11.6	8.3	3.7	3.0	329	89	1.12	0.44	1.15	0.016	241	21.6	0.0	
11/30/17	74.03	74.03	0.00	64	64	6.8	6.7	24.9	0.1	632	24	6.4	552	490	20	29.8	13.9	12.1	3.4	4.2	4.1	414	96	1.10	0.43	1.88	0.016	2	21.9	0.0	
Sum	2879.1	2690.1	189.0													909.5								30.715	10.961					148.1	
Average	96.0	89.7	21.0	70.3	63.7	7.0	6.7	12.9	0.6	398.9	50.9	5.6	303.3	217.2	38.0	30.3	14.9	12.6	10.7	4.8	4.1	351.2	78.0	1.0	0.4	2.4	0.0	111.0	14.5		

SEWER CONNECTIONS 147602 TIMES 4 = 590408 SEWER POPULATION IND. WASTER POPULATION EQ
 CUSTOMERS 374
 FLOW 323589
 BOD 837577
 TSS 929819

Authorized Agent

Certification No. 26893

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Nov-17

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	95.97	26.44	26.93	9.74
Tanks in Service	4.00	8.0	8.0	4.0
Surface Area (Ft.2)	77000.00	69200.00	69200.00	34600.00
Volume (MG)	8.33	7.09	7.09	3.54
Weir Length (Ft.)	2860.00	2868.00	2868.00	1434.00
Avg. Weir Overflow (GPD/Ft)	33555.83	9217.61	9389.18	6789.64
Avg. Settling Rate (GPD/Ft2)	1246.36	540.98	573.75	470.58
Avg. Detention Time	2.08	6.44	6.32	8.74

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	37.44	39.70	16.28
Avg. Detention Time (Hours)	3.81	3.74	5.18

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.06

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 11/01/2017 00:00 thru 11/30/2017 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	2827355		11/03/2017	LOGAN JR	MITCHELL	DOCUMENTED	11/29/2001	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/03/17 11:24 AM	

Discharge Reporting:

Discharge Amount:	36,424 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 SIGNS PLACED.
Impact:	LOCATION INCLUDED IN IOAP
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

10/28/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
10/28/17 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: 11/01/2017 00:00 thru 11/30/2017 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	2827366		11/03/2017	LOGAN JR	MITCHELL	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/03/17 11:00 AM	

Discharge Reporting:

Discharge Amount:	20,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2827517
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:

10/28/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
10/28/17 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: 11/01/2017 00:00 thru 11/30/2017 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	45796	1011 ALTA CIR		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	2827362		11/03/2017	LOGAN JR	MITCHELL	DOCUMENTED	05/10/2014	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/03/17 01:53 PM	

Discharge Reporting:

Discharge Amount:	7,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2827462
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:

10/28/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
10/28/17 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: 3

Total Work Orders Printed: 3