



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

December 16, 2016
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 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet the Secondary seven and 30 day TSS and Secondary seven and 30 day BOD. All other effluent parameters were met.

Capital construction involving process area shutdowns and compromised solids processing capability contributed to the exceedances. MFWQTC continues to employ additional solids processing methods and is 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

Vgt

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 11/01/16 to 11/30/16	DMR Due Date:	12/28/16	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	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					=	3.1					19 - mg/L	0	01/01 - Daily	GR - GRAB					
					Permit Req.					>=	2 INST MIN					19 - mg/L		01/01 - Daily	GR - GRAB					
					Value NODI																			
X 00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	30238	=	52099	26 - lb/d		=	56	=	90	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	=	254016	=	283463	26 - lb/d		=	494	=	565	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					=	6.4			=	6.7	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	=	46266	=	98992	26 - lb/d		=	82	=	168	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	=	324030	=	347767	26 - lb/d		=	626	=	723	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	=	9646	=	10463	26 - lb/d		=	19.1	=	20.8	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	=	8241	=	8945	26 - lb/d		=	16.2	=	17.9	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	=	61.43	=	96.11	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											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					=	88					23 - %	0	01/01 - Daily	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					=	86					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
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
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

Comments

Attachments

Name	Type	Size
MFWQTC112016MOR.pdf	pdf	238447
201611MFWQTCOverflowReport.pdf	pdf	96938
MFWQTC112016Coverletter.pdf	pdf	132982

Report Last Saved By

Morris Forman WQTC MSD

User:	robin.burch@louisvillemsd.org	Date/Time:	2016-12-16 08:43 (Time Zone: -05:00)
Name:	Robin Burch		
E-Mail:	robin.burch@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 11/01/16 to 11/30/16	DMR Due Date:	12/28/16
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	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						=	158	=	182	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	440	=	466	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	299	=	376	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	583	=	609	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	18.5	=	21.5	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	24.9	=	35.2	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	7.95	=	10.02	03 - MGD					04/30 - Four Per Month 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:	robin.burch@louisvillemsd.org	Date/Time:	2016-12-16 08:43 (Time Zone: -05:00)
Name:	Robin Burch		
E-Mail:	robin.burch@louisvillemsd.org		

Format: Month/Day/Year
 Enter Start Date : 11/1/16

Press (Ctrl R) to recalculate spreadsheet

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF November-16
 KPDE8 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	final	final	prim.	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 Colform #/100 ml	NH3-N mg/L	Pump Hours	
																																Effluent
11/1/16	58.25	58.25	0.00	74	74	6.8	6.6	27.0	0.1	732	42	4.2	875	388	50	29.4	17.6	15.3	3.5	5.7	5.1	349	63	1.54	0.26			0.012	20	20	0.0	
11/2/16	58.32	58.32	0.00	76	76	6.7	6.6	23.0	0.2	720	64	4.9	668	425	52	28.7	17.9	15.2	4.4	5.8	5.0	362	63	1.54	0.34			0.016	154	20	0.0	
11/3/16	62.13	62.13	0.00	75	75	6.9	6.6	28.5	0.2	748	44	6.0	460	436	61	29.0	17.0	14.8	3.4	7.3	6.4	400	56	1.58	0.37			0.016	153	20	0.0	
11/4/16	56.27	56.27	0.00	72	72	7.0	6.6	26.0	0.1	784	46	4.2	569	31	54	29.6	17.4	15.0	7.4	5.5	4.8	350	64	1.50	0.38			0.016	108	18	0.0	
11/5/16	53.62	53.62	0.00	71	71	6.9	6.5	19.8	0.1	620	34	4.5	477	374	46	29.9	18.3	15.6	5.7	5.8	5.0	339	58	1.48	0.33			0.016	206	23	0.0	
11/6/16	51.89	51.89	0.00	70	70	7.1	6.6	19.5	0.1	560	33	5.4	379	313	46	29.7	14.2	12.3	6.2	3.9	3.4	399	103	1.45	0.35			0.016	53	19	0.0	
11/7/16	54.88	54.88	0.00	70	70	7.0	6.5	22.5	0.1	612	36	5.5	518	336	42	29.7	17.1	14.9	7.6	5.5	4.9	448	82	1.54	0.42			0.016	226	18	0.0	
11/8/16	69.33	67.61	1.72	69	69	6.8	6.6	28.0	1.3	848	68	6.5	800	466	84	29.8	16.3	14.2	7.7	5.2	4.6	386	74	1.61	0.39			0.016	28	22	0.0	
11/9/16	70.25	70.25	0.00	69	69	6.9	6.5	16.0	0.2	608	49	4.1	498	303	43	30.1	18.8	16.0	4.1	8.4	7.5	389	46	1.58	0.36			0.016	460	19	0.0	
11/10/16	57.32	57.32	0.00	64	64	6.9	6.5	19.5	0.5	580	100	5.0	518	397	57	29.9	17.7	14.9	7.6	6.5	5.4	384	60	1.61	0.38			0.016	132	19	0.0	
11/11/16	57.40	57.40	0.00	66	66	7.0	6.4	21.5	0.2	696	54	5.1	615	328	44	29.4	18.1	15.5	6.7	4.5	3.9	395	88	1.57	0.32			0.016	120	20	0.0	
11/12/16	54.62	54.62	0.00	69	69	7.0	6.5	24.0	0.1	646	22	4.1	499	383	25	29.7	18.5	15.8	5.2	5.7	4.9	422	75	1.56	0.17			0.016	28	22	0.0	
11/13/16	52.11	52.11	0.00	63	63	6.9	6.7	21.0	0.1	564	28	4.2	595	342	35	30.3	18.7	16.4	5.2	11.4	9.9	363	33	1.56	0.18			0.016	439	19	0.0	
11/14/16	56.14	56.14	0.00	63	63	6.9	6.5	21.0	0.1	540	22	4.5	431	418	26	30.2	18.5	15.9	5.8	5.6	4.8	390	71	1.46	0.37			0.016	222	21	0.0	
11/15/16	57.27	57.27	0.00	68	68	7.0	6.4	19.0	0.1	648	22	5.2	297	343	12	30.0	19.0	16.5	5.7	7.9	6.7	379	48	1.58	0.42			0.016	100	23	0.0	
11/16/16	56.23	56.23	0.00	69	69	6.9	6.5	23.5	0.1	836	46	4.1	421	408	20	29.8	17.7	15.4	7.2	6.5	5.6	440	69	1.58	0.38			0.016	44	21	0.0	
11/17/16	53.13	53.13	0.00	70	70	6.7	6.6	22.5	0.1	780	24	4.7	598	434	20	30.0	18.9	16.7	6.5	6.0	5.4	423	71	1.58	0.40			0.016	223	21	0.0	
11/18/16	49.06	49.06	0.00	73	73	6.6	6.4	23.5	0.1	800	36	4.6	685	511	29	30.4	19.0	16.3	7.2	6.9	6.1	541	78	1.60	0.38			0.016	70	23	0.0	
11/19/16	75.82	75.82	0.00	68	68	6.8	6.4	33.0	1.1	830	96	4.3	588	532	68	30.0	17.6	15.2	7.2	11.0	9.5	331	30	1.61	0.29			0.016	6	19	0.0	
11/20/16	52.77	52.77	0.00	65	65	6.9	6.5	20.0	3.0	544	103	4.9	404	442	72	29.4	16.9	14.5	5.8	12.9	11.2	469	36	1.62	0.25			0.016	150	17	0.0	
11/21/16	56.76	56.76	0.00	65	65	7.0	6.5	26.0	3.0	624	126	5.1	503	411	73	29.2	18.9	15.0	3.1	6.2	5.4	471	78	1.64	0.27			0.016	940	22	0.0	
11/22/16	57.72	57.72	0.00	63	63	7.0	6.6	26.5	13.0	710	436	5.1	536	414	263	29.1	19.0	17.1	6.7	5.7	5.2	443	78	1.77	0.37			0.016	88	28	0.0	
11/23/16	61.14	74.30	6.84	63	63	6.7	6.6	25.9	18.8	847	627	3.1	503	564	308	28.9	16.2	14.5	5.3	5.6	5.1	452	80	1.89	0.27			0.016	10	23	0.0	
11/24/16	78.91	77.47	1.44	61	61	7.2	6.4	11.0	5.0	264	194	5.0	300	273	100	29.0	17.6	15.1	7.8	5.0	4.3	323	64	1.89	0.18			0.016	88	9	0.0	
11/25/16	61.69	61.69	0.00	61	61	7.4	6.4	14.8	0.2	352	38	7.1	240	240	23	29.4	18.6	15.5	9.8	6.2	5.1	408	66	1.81	0.34			0.016	700	14	0.0	
11/26/16	55.99	55.99	0.00	64	64	7.3	6.6	18.9	0.1	372	61	5.1	291	256	16	29.6	17.8	15.6	9.1	5.8	5.1	384	66	1.78	0.37			0.016	191	23	0.0	
11/27/16	52.88	52.88	0.00	62	62	7.0	6.5	17.0	0.1	380	29	5.8	349	296	16	29.9	16.1	13.9	10.6	5.6	4.8	434	78	1.74	0.32			0.016	42	21	0.0	
11/28/16	108.85	87.09	21.77	62	62	7.0	6.5	18.9	7.7	616	308	5.2	397	456	139	29.8	17.6	15.4	8.0	6.2	5.3	397	65	1.59	0.30			0.016	17	21	0.0	
11/29/16	96.11	96.11	0.00	64	64	7.0	6.5	14.0	7.0	400	200	5.8	304	157	115	29.7	17.1	14.8	14.7	4.3	3.8	228	53	1.49	0.31			0.016	36	11	0.0	
11/30/16	67.97	67.97	0.00	62	62	7.0	6.5	23.0	0.1	504	18	5.3	496	269	19	29.2	19.8	15.1	6.9	5.2	4.0	313	61	1.54	0.39			0.016	30	16	0.0	
Total	1874.6	1642.9	31.8													888.7								48.272	9.872							0.0
Average	62.5	61.4	7.9	67.0	67.0	6.9	6.5	21.8	2.1	626	100	5.0	484	365	65	29.6	17.8	15.3	6.7	6.5	5.6	384	65	1.61	0.33	#DIV/0!	0.016	89	20			

SEWER CONNECTIONS 146678 TIMES 4 = 586712 SEWER POPULATION

IND. WASTER POPULATION EQ
 CUSTOMERS 366
 FLOW 6412
 BOD 927075
 TSS 985570

Authorized Agent

Robert Baker

Certification No. 5691

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Nov-16

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	62.49	15.93	15.24	4.54
Tanks in Service	4.00	7.0	8.0	3.0
Surface Area (Ft.2)	77000.00	60550.00	69200.00	25950.00
Volume (MG)	8.33	6.20	7.09	2.66
Weir Length (Ft.)	2860.00	2509.50	2868.00	1075.50
Avg. Weir Overflow (GPD/Ft)	21848.95	6345.97	5313.68	4223.70
Avg. Settling Rate (GPD/Ft2)	811.53	428.16	422.65	390.37
Avg. Detention Time	3.20	9.35	11.16	14.04

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	25.93	29.25	10.13
Avg. Detention Time (Hours)	6.33	6.61	11.09

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.76

Remarks: BY-PASS REPORTS (See Attached)

Louisville and Jefferson County
Metropolitan Sewer District
Wastewater Customer Count

Nov-16

Plant Code	Service Area		Residential Customers		Commercial Customers		Industrial Customers		Metro Customers		Multi Customers		Total Customers	
			Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives
140	Derek Guthrie	LWC	62,588	3,076	3,581	361	22	2	25	1	2	1	66,218	3,441
151	Morris Forman - City	LWC	68,077	11,209	8,846	1,652	242	71	237	11	2	24	77,404	12,967
152	Morris Forman - County	LWC	50,506	1,298	4,604	486	50	3	33	0	1	1	55,194	1,788
			118,583	12,507	13,450	2,138	292	74	270	11	3	25	146,678	366
153	Hite Creek	LWC	9,921	160	603	31	8	0	0	0	1	0	10,533	191
235	Glen Oaks - Sec. 5 Only (Hite Creek)	LWC	267	0	1	0	0	0	0	0	0	0	268	0
237	Cedar Creek	LWC	17,096	263	1,058	58	8	1	3	0	6	0	18,171	322
244	Moser Farm (Hite Creek)	LWC	166	0	0	0	0	0	0	0	0	0	166	0
294	Floyds Fork	LWC	8,417	98	449	17	2	0	3	0	0	0	8,871	115
Sub-Total			335,621	28,611	32,592	4,743	624	151	571	23	15	51	383,503	19,190
Grand Total			364,232		37,335		775		594		66		403,002	

Submitted by: Adonis Henderson
Date: 12/5/2016

Report Selections: Period: 11/01/2016 00:00 thru 11/30/2016 23:59, Excluding PPI Excluding CSO Excluding LAT, Prob Code: BYPAS, 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
SPL Sewer Treatment Plant	MSD0278	4522 ALGONQUIN PKY		OHIO RIVER	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2649740		11/28/2016	BURCH	BURCH	REPAIRED - ISSUE RESOLVED	11/28/2016	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	11/28/16 09:15 PM	

Discharge Reporting:

Discharge Amount:	150,000 GAL
Cause:	MECHANICAL FAILURE WEST HEADWORKS
Clean Up:	NONE
Control Zone:	NONE
Impact:	WEST HEADWORKS OVERFLOWED TO STREET, CATCH BASINS NEAR SECONDARY FLOW TO THE RIVER
Repair:	DIVERTED FLOW FROM WEST HEADWORKS
Public Notification:	PERMANENT SIGN AT DISCHARGE POINT

Notifications:

11/20/16 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: 1

Total Work Orders Printed: 1