



700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdouky.org](http://www.msdouky.org)

September 19, 2016

Cheryl Edwards  
Permit Support Section  
Surface Water Permits Branch  
Division of Water  
200 Fair Oaks Lane 4<sup>th</sup> 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 1<sup>st</sup> to August 31<sup>st</sup> are provided through NetDMR. All permit requirements were met for the month of August, 2016.

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 with a large initial "A".

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

vgt



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

# DMR Copy of Record

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

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	From 08/01/16 to 08/31/16	<b>DMR Due Date:</b>	09/28/16	<b>Status:</b>	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>					
<b>First Name:</b>	James	<b>Title:</b>	Executive Director	<b>Telephone:</b>	502-540-6000
<b>Last Name:</b>	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					=	2.8					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	=	14336	=	18081	26 - lb/d	=	22	=	31	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	=	262808	=	289852	26 - lb/d	=	390	=	547	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	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	=	19274	=	24937	26 - lb/d	=	29	=	39	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	=	297984	=	330054	26 - lb/d	=	433	=	541	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	=	8158	=	10227	26 - lb/d	=	12.7	=	15.2	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	=	7061	=	7673	26 - lb/d	=	10.4	=	12.7	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	=	82.22	=	118.84	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								<	0.012	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						=	91	=	143	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					=	94				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**  
 No errors.

**Comments**

**Attachments**

Name	Type	Size
MFWQTCoverletter092016.pdf	pdf	35890
MFWQTC082016MOR.pdf	pdf	269392
201608MFWQTCOverflowReport.pdf	pdf	97451

**Report Last Saved By**

**Morris Forman WQTC MSD**

User: robin.burch@louisvillemsd.org	Date/Time: 2016-09-19 10:33 (Time Zone: -04:00)
Name: Robin Burch	
E-Mail: robin.burch@louisvillemsd.org	

**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 08/01/16 to 08/31/16	DMR Due Date:	09/28/16
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.

<b>Principal Executive Officer</b>			
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				Value 3	Units
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	57	=	69	19 - mg/L	13/30 - 13 Per Month	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						=	258	=	364	19 - mg/L	13/30 - 13 Per Month	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						=	70	=	85	19 - mg/L	13/30 - 13 Per Month	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						=	358	=	488	19 - mg/L	13/30 - 13 Per Month	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						=	13.9	=	22	19 - mg/L	13/30 - 13 Per Month	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						=	16.3	=	23.5	19 - mg/L	13/30 - 13 Per Month	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	=	7.96	=	15.42	03 - MGD					13/30 - 13 Per Month	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:	robin.burch@louisvillemsd.org	Date/Time:	2016-09-19 10:33 (Time Zone: -04:00)
Name:	Robin Burch		
E-Mail:	robin.burch@louisvillemsd.org		

Format: Month/Day/Year  
 Enter Start Date : 8/1/16

Press (Ctrl r) to recalculate spreadsheet.

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF August-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	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 Coiform #/100 ml	NH3-N mg/L	Pump. Hours			
	Effluent	Effluent																															
8/1/16	103.96	98.61	4.95	79	79	7.2	6.6	8.5	2.9	274	136	4.3	261	225	82	28.7	19.8	15.9	5.1	3.6	3.0	224	63	1.54	0.20	4.49	0.012	115	10	0.0			
8/2/16	118.61	110.09	6.52	78	78	7.1	6.5	10.0	0.6	266	43	4.4	311	200	26	28.6	19.9	15.8	6.8	3.8	3.0	200	54	1.54	0.32	4.70	0.012	30	10	0.0			
8/3/16	80.01	80.01	0.00	78	78	7.2	6.7	15.0	0.1	384	19	4.6	354	295	20	28.5	18.1	13.8	5.5	3.7	2.8	224	60	1.54	0.28	3.13	0.012	980	13	0.0			
8/4/16	87.48	86.34	1.14	79	79	7.1	6.7	15.0	0.5	388	44	4.2	433	315	32	28.4	18.0	14.1	6.7	4.9	3.9	261	54	1.29	0.29	3.09	0.012	136	13	0.0			
8/5/16	99.34	91.61	7.73	75	75	7.1	6.6	15.0	2.0	492	94	3.9	341	281	77	28.2	22.3	17.8	6.9	5.3	4.3	238	46	1.03	0.24	4.16	0.012	340	14	0.0			
8/6/16	67.36	67.36	0.00	74	74	7.2	6.6	13.0	0.3	354	30	4.1	340	130	23	28.3	25.2	20.1	5.9	4.6	3.7	236	51	1.18	0.27	2.20	0.012	58	15	0.0			
8/7/16	59.30	59.30	0.00	79	79	7.2	6.6	15.0	0.6	360	30	4.2	401	242	22	28.6	24.6	19.8	6.0	5.9	4.9	341	60	0.97	0.28	1.90	0.012	65	15	0.0			
8/8/16	59.37	59.37	0.00	80	80	7.3	6.8	15.0	0.5	396	34	3.9	319	314	29	28.4	17.9	14.1	6.6	4.7	3.7	274	58	1.54	0.31	2.14	0.012	233	19	0.0			
8/9/16	74.52	71.66	2.86	81	81	7.1	6.8	15.0	0.7	360	41	3.6	310	264	53	28.5	18.8	14.7	6.5	5.4	4.4	331	62	1.54	0.40	3.36	0.012	250	20	0.0			
8/10/16	66.37	66.37	0.00	81	81	7.1	6.8	20.0	0.5	616	33	3.8	505	186	29	28.4	17.8	14.1	6.3	5.6	4.4	273	48	1.54	0.41	2.54	0.012	365	19	0.0			
8/11/16	59.54	59.54	0.00	84	84	7.2	6.7	21.5	0.1	656	30	3.9	725	355	27	28.1	15.7	12.6	6.9	4.9	4.0	273	56	1.54	0.37	2.92	0.012	170	23	0.0			
8/12/16	68.37	65.89	0.48	82	82	7.1	6.8	16.8	0.4	636	58	3.0	704	463	57	27.8	14.3	11.6	6.2	4.7	3.8	232	50	1.54	0.31	3.58	0.012	685	24	0.0			
8/13/16	57.53	57.53	0.00	80	80	7.0	6.8	18.2	0.1	520	50	4.9	615	318	62	27.5	15.5	12.6	6.5	5.1	4.1	261	52	1.54	0.32	3.33	0.012	63	18	0.0			
8/14/16	65.29	65.29	0.00	79	79	7.0	6.7	23.0	0.5	604	61	2.8	650	401	56	27.0	15.6	12.6	6.5	7.5	6.1	253	34	1.54	0.31	3.88	0.012	8	14	0.0			
8/15/16	129.54	113.65	15.89	79	79	7.1	6.5	13.0	1.6	326	99	3.4	244	196	74	26.5	21.5	17.3	5.1	3.7	3.1	191	52	1.29	0.21	7.02	0.012	520	10	0.0			
8/16/16	90.28	90.28	0.00	78	78	7.2	6.8	12.5	0.1	360	39	4.1	304	147	32	26.9	17.7	14.3	6.5	4.2	3.4	213	51	1.54	0.31	5.15	0.012	58	11	0.0			
8/17/16	137.30	118.84	18.46	76	76	7.0	6.7	11.0	1.8	320	99	4.0	256	194	76	27.2	20.7	17.5	7.8	4.1	3.5	176	43	1.54	0.35	7.05	0.012	16	10	0.0			
8/18/16	85.86	85.86	0.00	80	80	7.2	6.8	13.0	0.2	352	32	4.1	281	156	28	26.9	20.5	16.6	6.2	3.1	2.6	168	56	1.54	0.26	4.23	0.012	205	9	0.0			
8/19/16	89.77	89.77	0.00	79	79	7.2	6.8	13.0	0.2	416	34	4.2	338	233	31	26.7	14.9	12.1	6.6	6.3	5.0	154	26	1.51	0.22	3.06	0.012	66	14	0.0			
8/20/16	124.73	108.85	15.88	79	79	7.2	6.8	15.0	1.2	504	100	4.1	476	277	94	26.4	17.9	14.4	6.4	3.3	2.8	154	47	1.54	0.23	6.40	0.012	180	14	0.0			
8/21/16	125.75	114.32	11.43	78	78	7.2	6.8	7.5	0.2	194	42	5.0	126	92	31	26.6	19.3	15.0	8.9	2.9	2.4	149	52	1.54	0.24	4.56	0.012	128	4	0.0			
8/22/16	91.67	91.67	0.00	77	77	7.4	6.7	11.8	0.1	412	19	6.8	296	178	16	26.9	15.7	12.3	10.5	3.1	2.6	174	57	1.49	0.30	3.65	0.012	69	10	0.0			
8/23/16	81.86	81.86	0.00	78	78	7.1	6.8	14.0	0.2	440	15	4.7	426	210	18	26.9	13.8	11.2	9.7	3.4	2.8	190	55	1.35	0.35	2.30	0.012	25	14	0.0			
8/24/16	88.77	88.77	0.00	79	79	7.1	6.7	13.0	0.1	388	24	4.6	328	185	16	26.7	15.7	12.6	8.3	3.5	2.8	179	51	1.54	0.49	2.64	0.012	142	17	0.0			
8/25/16	82.14	82.14	0.00	79	79	7.1	6.8	16.0	0.1	404	20	4.5	332	216	18	26.2	13.8	11.2	8.1	3.3	2.7	148	43	1.42	0.48	2.49	0.012	68	17	0.0			
8/26/16	77.38	77.38	0.00	80	80	7.1	6.6	18.0	0.1	500	24	5.0	436	243	22	26.1	15.7	12.6	8.6	3.7	3.0	177	48	1.31	0.34	2.68	0.012	45	18	0.0			
8/27/16	85.04	82.15	2.89	83	83	7.0	6.7	20.5	0.5	628	39	4.4	407	235	34	26.5	15.1	12.4	10.9	4.1	3.4	220	54	1.26	0.28	3.56	0.012	12	17	0.0			
8/28/16	83.32	78.24	5.08	85	85	7.2	7	19.0	0.8	520	51	4.7	334	223	50	26.9	14.3	11.9	10.6	2.7	2.3	214	79	1.41	0.22	3.60	0.012	88	14	0.0			
8/29/16	69.95	69.95	0.00	81	81	7.3	6.7	15.0	0.1	420	13	5.3	367	141	12	26.8	18.7	15.4	12.3	3.4	2.9	202	59	1.36	0.33	2.88	0.012	220	15	0.0			
8/30/16	56.78	56.78	0.00	81	81	6.9	6.9	15.0	0.1	460	13	5.6	540	301	12	27.5	15.0	12.0	10.6	3.4	2.8	220	64	1.37	0.35	1.64	0.012	17	20	0.0			
8/31/16	77.26	69.15	8.11	83	83	6.9	6.7	15.5	0.5	488	65	4.5	327	386	59	26.4	17.5	14.5	9.5	3.1	2.6	200	65	1.51	0.32	3.38	0.012	17	22	0.0			
Total	2652.1	2548.6	103.4												849.0																		
Average	85.6	82.2	6.0	79.5	79.5	7.1	6.7	15.0	0.6	433	46	4.3	390	245	39	27.4	17.8	14.3	7.8	4.2	3.4	218	53	1.43	0.31	3.60	0.012	91	15	0.0			

SEWER CONNECTIONS 147283 TIMES 4 = 589132 SEWER POPULATION

IND. WASTER POPULATION EQ  
 CUSTOMERS 383  
 FLOW 225830  
 BOD 1047285  
 TSS 883854

Authorized Agent

Certification No. 5691

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Aug-16

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	85.55	21.83	22.09	9.06
Tanks in Service	4.00	6.9	7.9	3.0
Surface Area (Ft.2)	77000.00	59863.87	68329.61	25898.53
Volume (MG)	8.33	6.13	7.00	2.65
Weir Length (Ft.)	2860.00	2481.06	2831.93	1073.37
Avg. Weir Overflow (GPD/Ft)	29912.59	8799.38	7801.36	8436.10
Avg. Settling Rate (GPD/Ft2)	1111.04	565.15	475.20	540.61
Avg. Detention Time	2.34	6.74	7.60	7.03

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	33.83	32.47	14.00
Avg. Detention Time (Hours)	4.62	4.56	5.57

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.29

Remarks: BY-PASS REPORTS (See Attached)

Louisville and Jefferson County  
Metropolitan Sewer District  
Wastewater Customer Count

Aug-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	62,553	3,059	3,571	363	22	2	25	1	2	1	66,173	3,426
151	Morris Forman - City	LWC	68,101	11,177	8,892	1,606	242	70	237	11	1	25	77,473	12,889
152	Morris Forman - County	LWC	50,476	1,279	4,604	476	48	3	33	0	1	1	55,162	1,759
			118,577	12,456	13,496	2,082	290	73	270	11	2	26	132,635	14,648
153	Hite Creek	LWC	9,841	171	601	33	8	0	0	0	0	1	10,450	205
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	17,032	251	1,054	60	9	0	3	0	5	0	18,103	311
244	Moser Farm (Hite Creek)	LWC	165	1	0	0	0	0	0	0	0	0	165	1
294	Floyds Fork	LWC	8,346	96	446	15	1	0	3	0	0	0	8,796	111
<b>Sub-Total</b>			<b>335,358</b>	<b>28,490</b>	<b>32,665</b>	<b>4,635</b>	<b>620</b>	<b>148</b>	<b>571</b>	<b>23</b>	<b>11</b>	<b>54</b>	<b>369,225</b>	<b>33,350</b>
<b>Grand Total</b>			<b>363,848</b>		<b>37,300</b>		<b>768</b>		<b>594</b>		<b>65</b>		<b>402,575</b>	

Submitted by: Adonis Henderson  
Date: 9/2/2016

Report Selections: Period: 08/01/2016 00:00 thru 08/31/2016 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
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	2601696		08/15/2016	BURCH	BURCH	REPAIRED - ISSUE RESOLVED	08/17/2016	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	08/17/16 06:20 AM	

**Discharge Reporting:**

Discharge Amount:	9,100,000 GAL
Cause:	POWER OUTAGE
Clean Up:	WASHED DOWN AREA TO CATCH BASINS THAT RETURN FLOW TO HEADWORKS OF PLANT AND VACTORING DEBRIS
Control Zone:	BARRACADE
Impact:	DEBRIS ON ROADWAY
Repair:	POWER RESTORED TO THE PLANT
Public Notification:	PUBLIC NOT IMPACTED

**Notifications:**

8/9/16 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