



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

January 20, 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 December 1st to December 31st, 2016 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet the Secondary seven and 30 day TSS, Secondary seven and 30 day BOD, and Secondary percent removal for TSS. 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 12/01/16 to 12/31/16	DMR Due Date:	01/28/17	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	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					=	4.2					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	=	36691	=	68541	26 - lb/d		=	49	=	91	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	=	221873	=	266480	26 - lb/d		=	356	=	456	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					=	6.1				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	=	66109	=	146748	26 - lb/d		=	86	=	190	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	=	275573	=	301771	26 - lb/d		=	434	=	495	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	=	8106	=	8549	26 - lb/d		=	12.9	=	14.1	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	=	7311	=	8244	26 - lb/d		=	11.7	=	14	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	=	78.23	=	130.45	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									=	82	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					=	86					23 - %	0	01/30 - Monthly	CA - CALCTD				
					Permit Req.											>=		85 MO MIN	23 - %	01/30 - Monthly	CA - CALCTD		
					Value NODI																		
X 81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	80					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

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
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
201612MFWQTCOverflowReport.pdf	pdf	149635
MFWQTCoverletter1222016.pdf	pdf	37848
MFWQTC122016MOR.pdf	pdf	257686

Report Last Saved By

Morris Forman WQTC MSD

User:	robin.burch@louisvillemisd.org	Date/Time:	2017-01-20 10:18 (Time Zone: -05:00)
Name:	Robin Burch		
E-Mail:	robin.burch@louisvillemisd.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:	MORRIS FORMAN WQTC MSD
		Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status			
Monitoring Period:	From 12/01/16 to 12/31/16	DMR Due Date:	01/28/17
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	Title:	Executive Diretor
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						=	91	=	250	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	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						=	256	=	369	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	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						=	250	=	512	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	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						=	358	=	604	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	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						=	12.2	=	16.4	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	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						=	17.6	=	20.9	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	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	=	4.25	=	4.11	03 - MGD					07/30 - 7 Times Every Month WH/DS - When Discharging	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:	2017-01-20 10:18 (Time Zone: -05:00)
Name:	Robin Burch		
E-Mail:	robin.burch@louisvillemsd.org		

12/1/16

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF December-16
 KPDE9 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		CHLORINATION			FINAL EFFLUENT	
	Effluent	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 g/L	SVI	Sludge Wasted MG	Primary Sludge MG	Chlorine Dosage KLBS	Resid mg/L	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours		
																																Final	Sec.
12/1/16	65.52	65.52	0.00	60	60	7.0	6.6	17.0	0.1	408	19	5.7	413	317	15	29.3	16.4	14.2	6.3	6.9	5.9	323	48	1.44	0.41	1.88	0.016	28	17	0.0			
12/2/16	61.82	61.82	0.00	57	57	6.8	6.6	20.0	0.1	584	24	4.6	482	419	24	29.8	17.4	14.9	7.6	4.2	3.7	367	88	1.40	0.42	1.06	0.016	101	22	0.0			
12/3/16	62.15	62.15	0.00	61	61	6.8	6.6	21.0	0.2	592	28	4.2	547	466	23	29.3	18.2	15.6	6.2	5.0	4.3	373	75	1.40	0.37	1.76	0.016	670	18	0.0			
12/4/16	65.34	65.34	0.00	61	61	6.8	6.5	20.5	0.2	512	32	4.6	434	393	28	28.9	19.4	16.7	6.5	5.6	4.5	388	69	1.37	0.23	1.94	0.016	185	14	0.0			
12/5/16	63.76	63.76	0.00	62	62	6.9	6.4	21.0	0.1	548	30	6.3	372	339	28	29.0	20.4	17.4	8.1	5.9	5.0	379	64	1.36	0.25	1.96	0.016	230	11	0.0			
12/6/16	120.15	112.73	7.42	61	61	6.9	6.5	18.0	19.0	436	512	4.9	310	327	250	29.0	19.1	16.6	9.7	5.3	4.6	318	60	1.39	0.23	6.01	0.016	10	12	0.0			
12/7/16	85.67	85.57	0.00	58	58	7.0	6.4	12.5	0.1	384	29	4.7	401	226	24	29.0	17.0	14.4	12.7	3.7	3.1	272	76	1.10	0.25	4.11	0.016	133	9	0.0			
12/8/16	57.46	57.46	0.00	59	59	7.0	6.5	21.0	0.1	500	20	7.8	500	219	16	28.7	18.8	16.3	9.0	4.1	3.6	357	89	1.38	0.34	1.59	0.016	152	11	0.0			
12/9/16	88.51	88.51	0.00	59	59	7.0	6.4	19.1	0.1	468	22	5.6	544	316	16	28.9	17.3	15.2	5.6	5.0	4.3	329	66	1.42	0.40	1.80	0.016	48	13	0.0			
12/10/16	85.82	85.82	0.00	58	58	6.8	6.4	20.0	0.1	553	16	6.0	597	449	12	29.4	17.3	14.8	7.5	5.1	4.4	318	62	1.45	0.40	1.85	0.016	24	16	0.0			
12/11/16	77.14	74.31	2.83	57	57	7.0	6.5	21.0	3.3	564	110	6.5	428	508	93	29.3	15.3	13.4	9.9	4.7	4.1	328	56	1.47	0.21	2.02	0.016	8	15	0.0			
12/12/16	88.81	80.58	6.23	58	58	7.0	6.3	15.5	2.8	425	158	5.9	308	230	88	29.3	18.4	15.8	10.0	4.3	3.8	263	63	1.48	0.34	3.25	0.016	83	10	0.0			
12/13/16	77.03	77.03	0.00	58	58	7.0	6.5	19.5	0.1	412	13	5.6	423	276	13	29.4	18.3	15.7	9.3	4.6	4.0	291	64	1.31	0.29	2.33	0.016	61	11	0.0			
12/14/16	88.20	88.20	0.00	61	61	6.8	6.6	21.5	0.6	465	19	5.5	393	342	18	29.2	17.8	15.1	6.8	5.9	5.1	349	59	1.09	0.17	1.42	0.016	23	13	0.0			
12/15/16	65.10	65.10	0.00	57	57	6.7	6.6	22.0	0.1	540	45	5.6	397	420	52	28.9	21.8	18.7	8.6	5.9	5.0	416	72	1.39	0.23	2.52	0.016	44	16	0.0			
12/16/16	86.90	86.90	0.00	53	53	7.0	6.4	19.5	2.7	576	196	4.3	526	400	86	28.9	19.3	16.4	7.6	6.6	5.6	451	69	1.63	0.31	2.08	0.016	295	17	0.0			
12/17/16	87.59	83.94	3.65	59	59	6.6	6.5	20.4	14.5	628	464	4.5	388	408	21	29.1	18.9	16.2	8.0	5.8	5.0	402	69	1.57	0.35	2.70	0.016	338	16	0.0			
12/18/16	114.08	111.55	2.53	51	51	6.9	6.1	8.5	14.5	222	436	7.1	124	118	146	29.0	17.9	15.4	16.5	7.3	6.4	249	41	1.57	0.25	3.59	0.016	48	6	6.9			
12/19/16	130.45	130.45	0.00	55	55	7.1	6.5	10.0	0.8	232	94	7.5	188	104	46	28.8	17.0	14.4	17.3	3.7	3.2	220	60	1.61	0.29	5.79	0.016	122	7	24.0			
12/20/16	80.80	84.06	6.14	58	58	7.3	6.6	14.0	0.1	312	41	5.7	208	124	21	28.9	17.6	15.2	12.5	2.7	2.4	249	94	1.60	0.31	4.47	0.016	460	11	24.0			
12/21/16	81.42	81.42	0.00	54	54	6.9	6.6	15.0	0.1	352	63	4.8	315	301	62	28.9	16.9	14.3	10.3	4.0	3.4	273	68	1.64	0.35	2.91	0.016	6	16	24.0			
12/22/16	71.27	71.27	0.00	56	56	6.9	6.6	19.0	0.2	484	47	5.0	333	304	44	28.5	16.6	14.1	3.4	3.9	3.4	290	74	1.61	0.30	3.09	0.016	142	13	24.0			
12/23/16	80.39	80.39	0.00	57	57	7.0	6.4	19.0	0.1	444	27	5.8	288	304	20	28.5	16.2	13.8	4.1	4.3	3.7	301	70	1.50	0.31	2.15	0.016	320	10	24.0			
12/24/16	111.87	111.87	0.00	54	54	7.0	6.3	13.5	3.3	340	198	6.4	171	190	80	29.0	18.3	15.7	13.6	4.5	3.8	284	63	1.45	0.28	3.17	0.016	1070	7	17.1			
12/25/16	75.25	75.25	0.00	56	56	7.1	6.4	7.5	0.6	132	44	6.2	100	60	23	29.1	16.6	14.4	16.3	4.9	4.3	286	58	1.05	0.37	1.52	0.016	11	11	0.0			
12/26/16	80.91	79.97	0.94	57	57	7.1	6.6	15.0	0.2	292	30	6.1	171	79	21	28.8	14.4	12.1	12.8	2.7	2.3	249	91	1.29	0.38	1.28	0.016	23	13	0.0			
12/27/16	97.66	97.66	0.00	59	59	7.0	6.5	16.5	0.1	288	34	7.2	172	139	29	28.9	17.1	14.7	16.4	4.5	3.9	362	81	1.54	0.31	1.48	0.016	62	16	0.0			
12/28/16	81.64	81.64	0.00	56	56	7.1	6.8	19.5	0.1	352	24	5.9	341	214	21	28.7	13.9	11.7	11.2	3.7	3.1	242	66	1.62	0.28	1.56	0.016	100	16	0.0			
12/29/16	67.94	67.94	0.00	58	58	7.2	6.7	16.2	0.1	320	23	5.4	314	223	23	28.6	13.4	11.3	10.3	3.4	2.8	231	69	1.59	0.36	1.28	0.016	1340	15	11.4			
12/30/16	60.16	60.16	0.00	59	59	7.0	6.6	24.0	0.1	512	18	4.8	477	326	17	28.4	13.0	11.2	11.0	3.9	3.4	238	61	1.39	0.30	1.44	0.016	23	16	24.0			
12/31/16	68.10	68.10	0.00	59	59	7.1	6.5	20.5	0.1	564	20	5.8	412	418	20	28.4	13.6	11.7	10.9	4.2	3.6	270	64	1.38	0.32	1.59	0.016	80	15	24.0			
Total	2454.8	2425.1	29.7													897.8								44.449	9.594					203.4			
Average	79.2	78.2	4.2	57.7	57.7	7.0	6.5	17.7	2.1	434	91	5.7	357	289	45	29.0	17.2	14.6	9.9	4.7	4.1	312	68	1.43	0.31	2.44	0.016	82	13				

SEWER CONNECTIONS 147374 TIMES 4 = 589496 SEWER POPULATION

IND. WASTER POPULATION EQ
 CUSTOMERS 367
 FLOW 164670
 BOD 798646
 TSS 774060

Authorized Agent



Certification No. 5691

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Dec-16

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	79.19	26.02	18.15	7.49
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)	27687.91	10367.96	6329.57	6961.19
Avg. Settling Rate (GPD/Ft2)	1028.41	594.85	462.88	484.31
Avg. Detention Time	2.53	5.72	9.37	8.52

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	36.02	32.03	12.57
Avg. Detention Time (Hours)	3.87	5.55	6.73

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.08

Remarks: BY-PASS REPORTS (See Attached)

Louisville and Jefferson County
Metropolitan Sewer District
Wastewater Customer Count

Dec-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	62,691	2,989	3,595	357	23	2	25	1	2	1	66,336	3,350
151	Morris Forman - City	LWC	68,191	11,095	8,843	1,659	240	73	237	11	2	24	77,513	12,862
152	Morris Forman - County	LWC	50,558	1,258	4,610	484	51	3	33	0	1	1	55,253	1,746
			118,749	12,353	13,453	2,143	291	76	270	11	3	25		147,374
153	Hite Creek	LWC	9,929	164	608	35	8	0	0	0	1	0	10,546	199
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	17,160	234	1,059	58	8	1	3	0	6	0	18,236	293
244	Moser Farm (Hite Creek)	LWC	166	0	0	0	0	0	0	0	0	0	166	0
294	Floyds Fork	LWC	8,445	95	453	13	2	0	3	0	0	0	8,903	108
Sub-Total			336,156	28,188	32,622	4,749	623	155	571	23	15	51	237,221	165,932
Grand Total			864,344		37,371		778		594		66		403,153	

Submitted by: Adonis Henderson
Date: 1/6/2017

Report Selections: Period: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	02933	7900 SHELBYVILLE RD		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	2657928		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	03/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 10:06 AM	

Discharge Reporting:

Discharge Amount:	63,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2657963
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:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	02935	7900 SHELBYVILLE RD		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	2657927		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	03/19/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 10:03 AM	

Discharge Reporting:

Discharge Amount:	12,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2657962
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:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	08717	3726 FINCASTLE RD		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2657884		12/18/2016	AYO II	MITCHELL	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 04:30 AM	

Discharge Reporting:

Discharge Amount:	9,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657960
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
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	2657856		12/17/2016	MITCHELL	MITCHELL	DOCUMENTED	11/29/2001	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 10:50 AM	

Discharge Reporting:

Discharge Amount:	1,833,191 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:	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:

12/13/16 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/13/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMN Sewer Main	113063	6126 SPRINGHOUSE FARM LN		GOOSE 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	2655074		12/12/2016	SINGLETON	CPSM	REPAIRED - ISSUE RESOLVED	12/12/2016	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	12/12/16 07:40 PM	

Discharge Reporting:

Discharge Amount:	1,240 GAL
Cause:	DRAINAGE UNDERMINED SANITARY SEWER LINE, RESULTING IN COLLAPSE AND OVERFLOW.
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	TEMPORARY SIGNS PLACED.
Impact:	SEWAGE OBSERVED.
Repair:	CONTRACTOR TO REPAIR THE LINE.
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA.

Notifications:

11/29/16 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
11/29/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	15195	1700 SULGRAVE RD		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	2657882		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	07/12/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 09:27 AM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657955
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
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	2657926		12/17/2016	AYO II	MITCHELL	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 05:45 AM	

Discharge Reporting:

Discharge Amount:	10,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2657943
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:

12/18/16 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	27005	1012 ALTA CIR		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2657877		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	09/02/2003	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 09:21 AM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657950
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	27007	1013 ALTA CIR		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	2657874		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	02/05/2014	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 09:18 AM	

Discharge Reporting:

Discharge Amount:	10,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657948
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	28249	3500 ST EDWARDS DR		CHENOWETH RUN	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2657930		12/18/2016	AYO II	MITCHELL	DOCUMENTED	03/12/2006	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 10:15 AM	

Discharge Reporting:

Discharge Amount:	11,250 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2657965
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:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	40559	1012 ALTA CIR		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	2657881		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	01/26/2012	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 09:24 AM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657954
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
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	2657876		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	05/10/2014	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 09:19 AM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657949
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	45829	2002 MILLVALE RD		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2657873		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	03/09/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 09:15 AM	

Discharge Reporting:

Discharge Amount:	12,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657947
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	45835	1132 ROSTREVOR CIR		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2657872		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	09/02/2003	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 09:10 AM	

Discharge Reporting:

Discharge Amount:	48,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657946
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	47583	202 OXMOOR 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	2657925		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	02/06/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 09:50 AM	

Discharge Reporting:

Discharge Amount:	10,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2657961
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:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	66349	3726 FINCASTLE RD		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2657883		12/18/2016	AYO II	MITCHELL	DOCUMENTED	03/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 04:30 AM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657956
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	72288	1604 CHEROKEE RD		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2657879		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	11/28/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 09:22 AM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657951
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	72289	1700 SULGRAVE RD		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2657880		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	05/29/2012	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 09:23 AM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	WO# 2657953
Control Zone:	LOCATION INCLUDED IN IOAP.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
SMH Sewer Manhole	84155	7913 SHELBYVILLE RD		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2657929		12/18/2016	BAILEY	MITCHELL	DOCUMENTED	03/10/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	12/18/16 10:20 AM	

Discharge Reporting:

Discharge Amount:	63,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2657964
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:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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
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	2657914		12/17/2016	BRAZEL	BOUTIN	REPAIRED - ISSUE RESOLVED	12/18/2016	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	12/20/16 05:06 AM	

Discharge Reporting:

Discharge Amount:	1,354,990 GAL
Cause:	PUMPS WERE SHUT OFF AT NIGHTINGALE PS TO REDUCE THE VOLUME BEHIND THE SWGS TO PREVENT SEWER RELATED FLOODING.
Clean Up:	PIPE DISCHARGE SUBMERGED - NO CLEANUP POSSIBLE.
Control Zone:	PIPE DISCHARGE SUBMERGED - NO CONTROL ZONE ESTABLISHED.
Impact:	PIPE DISCHARGE SUBMERGED - NO VISUAL IMPACT OBSERVED.
Repair:	PUMPS RESTARTED WHEN SYSTEM RECOVERED.
Public Notification:	WEBSITE OVERFLOW ADVISORY AND PERMANENT OVERFLOW WARNING SIGNS POSTED.

Notifications:

12/18/16 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
12/18/16 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: 12/01/2016 00:00 thru 12/31/2016 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	2657831		12/17/2016	BURCH	BURCH	REPAIRED - ISSUE RESOLVED	12/19/2016	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	12/17/16 09:05 PM	

Discharge Reporting:

Discharge Amount:	50,000 GAL
Cause:	ELECTRICAL FAULT. EAST HEADWORKS ELECTRICAL ROOM DAMAGED BY STORM AND ROOF FAILURE.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	NO CONTROL ZONE ESTABLISHED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Impact:	NO VISUAL IMPACT – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Repair:	POWER TEMPORARILY RE-ROUTED UNTIL PERMANENT REPAIRS ARE COMPLETE.
Public Notification:	PERMANENT SIGN AT DISCHARGE POINT

Notifications:

12/13/16 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: 21

Total Work Orders Printed: 21