



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

November 19, 2020

Crystal Dennis
Permit Support Section
Surface Water Permits Branch
Division of Water
200 Fair Oaks Lane 4th Floor
Frankfort, KY 40601

Re: Morris Forman Water Quality Treatment Center
KPDES Permit No. KY0022411

Dear Ms. Dennis:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period October 1st to October 31st 2020 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet permit for 30 day BOD, 7 day BOD, 30 day TSS, 7 day TSS, and TSS percent removal reporting requirements.

Compromised solids handling equipment continue to contribute to our effluent exceedances. MSD has contracted with a third party for temporary dewatering services. This temporary dewatering service will reduce the solids loading to the Morris Forman plant. Additionally an Emergency Design Build Project for new solids handling equipment will be installed and in service in the late spring of 2021.

Should you have any questions, please contact me at (502) 540-6793.

Sincerely,

John Kessel
Assistant Director Treatment Facilities

DMR Copy of Record

Permit

Permit #:

KY0022411

Major:

Yes

Permittee:

Morris Forman WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Facility:

MORRIS FORMAN WQTC MSD

Facility Location:

4522 ALGONQUIN PKWY
LOUISVILLE, KY 40211

Permitted Feature:

001
External Outfall

Discharge:

001-B
SECONDARY BYPASS

Report Dates & Status

Monitoring Period:

From 10/01/20 to 10/31/20

DMR Due Date:

11/28/20

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 J.

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					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								=	122.0	=	243.0	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample								=	202.0	=	204.0	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	251.0	=	469.0	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample								=	101.0	=	159.0	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample								=	6.3	=	8.4	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample								=	8.9	=	12.0	19 - mg/L	0	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	48.0	=	63.4	03 - MGD								0	07/30 - 7 Times Every 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:

kessel@louisvillemسد.org

Name:

John Kessel

E-Mail:

kessel@louisvillemسد.org

Date/Time:

2020-11-20 09:15 (Time Zone: -05:00)

Report Last Signed By

User: kessel@louisvillemسد.org



DMR Copy of Record

Permit

Permit #:

KY0022411

Major:

Yes

Permitted Feature:

001
External Outfall

Permittee:

Morris Forman WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Discharge:

001-1
MUNICIPAL DISCHARGE

Facility:

MORRIS FORMAN WQTC MSD

Facility Location:

4522 ALGONQUIN PKWY
LOUISVILLE, KY 40211

Report Dates & Status

Monitoring Period:

From 10/01/20 to 10/31/20

DMR Due Date:

11/28/20

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 J.

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					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						=	3.5					19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	2.0 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	=	44195.0	=	87157.0	26 - lb/d			=	67.0	=	118.0	19 - mg/L	2	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 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	=	247881.0	=	290715.0	26 - lb/d			=	460.0	=	523.0	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						=	6.2			=	6.6	12 - SU	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB
					Value NODI															
X 00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	114064.0	=	195250.0	26 - lb/d			=	174.0	=	271.0	19 - mg/L	2	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	202875.0	=	263491.0	26 - lb/d			=	357.0	=	435.0	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	=	5309.0	=	7131.0	26 - lb/d			=	10.8	=	17.4	19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			<=	20.0 MO AVG	<=	30.0 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	=	7323.0	=	8336.0	26 - lb/d			=	14.2	=	17.8	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	=	67.25	=	76.71	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	1	--	Sample								=	26.0	=	71.0	13 - #/100mL	0	01/01 - Daily	GR - GRAB
					Permit Req.								<=	200.0 30DA GEO	<=	400.0 7 DA GEO	13 - #/100mL		01/01 - Daily	GR - GRAB
					Value NODI															
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample						=	85.0					23 - %	0	01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85.0 MO MIN					23 - %		01/30 - Monthly	CA - CALCTD
					Value NODI															
X 81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						=	51.0					23 - %	1	01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85.0 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																		
Parameter		Monitoring Location	Field	Type	Description	Acknowledge												
Code	Name																	
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. Please verify that the value you have provided is correct. (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. Please verify that the value you have provided is correct. (Error Code: 1)	Yes												
81011	Solids, suspended percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. (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. Please verify that the value you have provided is correct. (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. Please verify that the value you have provided is correct. (Error Code: 1)	Yes												
Comments																		
Attachments																		
Name										Type				Size				
MFWQTCMOR102020.pdf										pdf				151490.0				
Coverletter102020.pdf										pdf				38488.0				
OctoberMorrisForman.pdf										pdf				88641.0				
Report Last Saved By																		
Morris Forman WQTC MSD																		
User:		kessel@louisvillemisd.org																
Name:		John Kessel																
E-Mail:		kessel@louisvillemisd.org																
Date/Time:		2020-11-20 09:16 (Time Zone: -05:00)																
Report Last Signed By																		
User:		kessel@louisvillemisd.org																
Name:		John Kessel																
E-Mail:		kessel@louisvillemisd.org																
Date/Time:		2020-11-20 09:56 (Time Zone: -05:00)																

Format: Month/Day/Year
Enter Start Date : 10/1/20

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF October-20
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		CHLORINATION				FINAL EFFLUENT	
	Final	Sec.			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	SVI	Sludge Wasted MG	Primary Sludge MG	Chlorine Dosage KLBS	Resid mg/L	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours								
10/1/20	50.12	50.12	0.00	54	54	7.0	6.5	8.0	0.2	373	98	5.6	472	330	65	30.1	15.5	13.3	5.1	8.9	7.7	739	84	0.49	0.50	2.18	0.016	217	10.8	0.0									
10/2/20	48.47	48.47	0.00	60	60	6.8	6.4	24.8	0.1	552	87	5.9	626	358	62	28.6	16.9	17.9	6.8	8.2	7.2	773	95	0.19	0.37	2.05	0.016	140	11.0	0.0									
10/3/20	47.19	47.19	0.00	59	59	6.9	6.4	9.8	3.6	403	240	4.7	656	425	98	28.2	16.2	14.7	3.0	7.5	6.6	733	98	0.00	0.02	2.22	0.016	4	8.7	0.0									
10/4/20	48.52	48.52	0.00	59	59	6.9	6.3	8.5	4.0	340	275	4.8	516	376	162	28.5	15.8	13.6	3.8	7.5	6.7	681	91	0.13	0.08	2.22	0.016	4	4.7	0.0									
10/5/20	45.45	45.45	0.00	61	61	6.9	6.2	12.0	0.1	420	143	4.5	537	285	88	28.0	15.3	13.5	4.3	9.3	8.3	747	83	0.60	0.58	2.05	0.016	7	6.9	0.0									
10/6/20	49.19	49.19	0.00	59	59	6.8	6.5	12.0	0.1	407	98	4.8	448	267	68	29.6	15.4	13.6	5.4	7.2	6.3	704	97	0.40	0.53	2.36	0.016	4	12.6	0.0									
10/7/20	48.11	48.11	0.00	59	59	6.9	6.4	14.0	0.1	553	105	4.9	405	193	59	29.0	15.3	13.8	7.9	7.5	6.9	763	102	0.29	0.41	2.36	0.016	460	16.1	0.0									
10/8/20	46.39	46.39	0.00	60	60	7.0	6.5	10.0	0.1	388	70	6.9	401	220	39	28.2	15.4	13.9	6.3	7.3	6.6	573	105	0.26	0.27	1.89	0.016	4	20.2	0.0									
10/9/20	49.25	49.25	0.00	60	60	6.9	6.4	11.0	0.1	433	108	4.9	598	410	47	29.6	15.1	13.3	5.0	6.8	6.0	670	101	0.36	0.32	2.04	0.016	4	21.4	0.0									
10/10/20	49.43	49.43	0.00	61	61	6.6	6.5	11.0	0.2	453	150	6.4	606	413	52	30.2	15.5	13.7	3.9	7.3	6.4	751	103	0.09	0.00	2.04	0.016	4	13.0	0.0									
10/11/20	48.29	48.29	0.00	61	61	6.8	6.2	8.5	0.2	303	110	4.6	352	265	88	30.3	16.1	14.5	5.2	7.6	6.8	736	97	0.15	0.02	2.02	0.016	114	11.0	0.0									
10/12/20	53.63	53.63	0.00	61	61	6.9	6.4	10.0	13.0	328	353	4.9	331	227	103	30.0	16.0	14.3	9.6	8.6	7.6	783	92	0.41	0.98	2.16	0.016	4	18.5	0.0									
10/13/20	46.68	46.68	0.00	61	61	7.0	6.5	10.0	7.0	380	260	4.4	483	349	130	29.8	14.4	12.8	3.6	5.9	5.2	797	139	0.41	0.50	2.16	0.016	416	21.9	0.0									
10/14/20	51.19	51.19	0.00	59	59	6.9	6.6	14.0	18.0	440	387	6.5	702	471	138	28.5	14.9	13.2	4.9	7.5	6.7	672	90	0.15	0.34	2.35	0.016	4	18.2	0.0									
10/15/20	53.80	53.80	0.00	55	55	6.8	6.4	11.0	6.5	476	290	3.5	770	579	144	27.4	14.9	13.1	2.0	9.2	8.0	647	70	0.17	0.15	2.80	0.016	4	15.8	0.0									
10/16/20	51.87	51.87	0.00	57	57	6.8	6.4	12.1	0.2	420	112	4.3	771	495	87	27.3	16.4	14.6	3.5	9.0	7.9	624	71	0.20	0.20	2.80	0.016	860	8.7	0.0									
10/17/20	49.82	49.82	0.00	59	59	6.8	6.3	13.5	3.9	496	236	5.7	836	641	100	27.4	16.3	14.4	4.3	6.6	6.0	793	120	0.11	0.00	2.33	0.016	420	5.5	0.0									
10/18/20	49.27	49.27	0.00	60	60	7.0	6.3	10.0	6.0	344	300	4.6	453	423	152	27.4	16.7	14.6	5.2	8.9	7.8	826	94	0.15	0.08	2.32	0.016	17	5.0	0.0									
10/19/20	162.43	105.35	57.08	63	63	7.0	6.4	15.0	50.0	500	790	4.4	261	299	402	27.2	16.4	14.6	12.0	5.9	5.3	576	98	0.21	0.25	7.59	0.016	120	12.1	0.0									
10/20/20	200.50	130.80	69.70	63	63	7.0	6.5	3.0	0.5	158	148	5.4	176	108	83	26.8	15.5	13.9	20.4	5.4	4.8	261	49	0.20	0.34	7.59	0.016	420	4.6	0.0									
10/21/20	96.04	96.04	0.00	58	58	7.0	6.6	4.0	0.1	200	36	6.2	218	186	20	26.7	15.8	14.0	16.2	4.1	3.6	281	68	0.43	0.52	5.31	0.016	7	7.4	0.0									
10/22/20	73.51	73.51	0.00	59	59	7.0	6.5	6.0	0.1	296	21	5.2	266	198	12	27.0	16.1	14.0	15.5	6.1	5.3	458	47	0.33	0.48	2.17	0.016	14	9.2	0.0									
10/23/20	90.72	74.85	15.87	59	59	7.0	6.6	10.9	0.1	397	37	4.9	456	250	28	26.9	14.7	13.0	9.3	6.4	5.6	561	88	0.24	0.24	2.19	0.016	9	11.2	0.0									
10/24/20	83.66	81.50	2.16	60	60	6.9	6.3	8.0	0.1	316	52	6.1	255	153	22	26.9	16.6	14.6	11.6	6.4	5.3	450	77	0.07	0.00	2.52	0.016	14	3.5	0.0									
10/25/20	61.15	61.15	0.00	59	59	7.0	6.4	6.0	0.1	243	44	4.9	329	210	20	26.9	15.9	14.0	10.3	5.6	5.0	669	119	0.10	0.20	2.52	0.016	4	4.8	0.0									
10/26/20	60.38	60.38	0.00	61	61	7.1	6.5	8.0	0.1	276	68	5.4	360	209	29	26.9	15.3	13.3	11.1	5.5	4.8	682	123	0.34	0.59	1.46	0.016	4	14.6	0.0									
10/27/20	58.45	58.45	0.00	65	65	6.7	6.5	8.0	0.1	340	32	5.6	580	399	20	26.8	15.2	13.3	3.1	7.1	6.2	710	103	0.35	0.59	1.73	0.016	7	16.6	0.0									
10/28/20	57.03	57.03	0.00	66	66	6.8	6.6	8.5	0.2	376	27	5.1	646	390	17	26.8	15.9	14.0	1.7	8.4	7.2	651	75	0.40	0.72	1.73	0.016	4	16.2	0.0									
10/29/20	274.57	138.67	135.90	67	67	6.9	6.3	5.0	20.0	190	473	4.3	198	209	171	26.6	15.5	13.3	13.4	5.0	4.2	447	89	0.40	0.63	4.61	0.016	420	8.0	0.0									
10/30/20	191.61	136.56	55.05	62	62	6.9	6.6	3.0	0.2	125	112	6.2	188	138	70	26.7	13.9	12.0	19.9	3.1	2.8	256	83	0.25	0.31	2.18	0.016	279	2.8	0.0									
10/31/20	124.24	123.67	0.57	63	63	6.9	6.4	6.5	0.4	152	148	5.5	362	259	75	27.0	13.8	12.2	6.6	4.0	3.8	299	74	0.15	0.00	2.63	0.016	255	1.7	0.0									
Sum	2421.0	2084.6	336.3													867.3								8.02	10.21						0.0								
Average	78.10	67.25	48.05	60	60	6.9	6.4	9.7	4.4	357	175	5.2	460	314	86	28.0	15.6	13.8	7.8	6.9	6.1	623	91	0.26	0.33	2.73	0.016	26	11.1										

SEWER CONNECTIONS

134497 TIMES 4 =

537988 SEWER POPULATION

IND. WASTER POPULATION EQ

CUSTOMERS 388

FLOW 205779

BOD 1224150

TSS 570350

Authorized Agent

Certification No. 26893

MORRIS FORMAN WASTEWATER TREATMENT PLANT		JEFFERSON COUNTY, KY	
Month of		Oct-20	
Average Flow			
SETTLING TANKS		Primary	
		Secondary	
		Battery A	
		Battery B	
		Battery C	
Average Flow (MGD)	78.10	14.93	16.85
Tanks in Service	4.00	8.0	8.0
Surface Area (ft.2)	7700.00	6919.71	69200.00
Volume (MG)	8.33	7.09	7.09
Weir Length (ft.)	2860.00	2867.66	2868.00
Avg. Weir Overflow (GPD/Ft)	27306.11	5205.17	5875.66
Avg. Settling Rate (GPD/Ft2)	1014.23	390.71	388.03
Avg. Detention Time	2.56	11.40	10.10
AERATION TANKS		Battery A	
		Battery B	
		Battery C	
Volume (Gallons)	4200000	4200000	4200000
Avg. Flow (MGD)	27.03	26.85	11.21
Avg. Detention Time (Hours)	6.75	5.98	9.55
CHLORINE CONTACT CHAMBERS			
Contact Chambers in Use	2.0		
Volume (Gallons)	2340000		
Avg. Detention Time (Hours)	1.88		

MORRIS FORMAN WASTEWATER TREATMENT PLANT		JEFFERSON COUNTY, KY	
Month of		Oct-20	
Average Flow			
SETTLING TANKS		Primary	
		Secondary	
		Battery A	
		Battery B	
		Battery C	
Average Flow (MGD)	78.10	14.93	16.85
Tanks in Service	4.00	8.0	8.0
Surface Area (ft.2)	7700.00	6919.71	69200.00
Volume (MG)	8.33	7.09	7.09
Weir Length (ft.)	2860.00	2867.66	2868.00
Avg. Weir Overflow (GPD/Ft)	27306.11	5205.17	5875.66
Avg. Settling Rate (GPD/Ft2)	1014.23	390.71	388.03
Avg. Detention Time	2.56	11.40	10.10
AERATION TANKS		Battery A	
		Battery B	
		Battery C	
Volume (Gallons)	4200000	4200000	4200000
Avg. Flow (MGD)	27.03	26.85	11.21
Avg. Detention Time (Hours)	6.75	5.98	9.55
CHLORINE CONTACT CHAMBERS			
Contact Chambers in Use	2.0		
Volume (Gallons)	2340000		
Avg. Detention Time (Hours)	1.88		



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN		WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	08427	4313 PRUITT CT		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	3312922		10/29/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	02/25/2011	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 10:05 AM	MAIN

Discharge Reporting:

Discharge Amount:	215,250 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313060
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/30/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/30/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #
KY0022411

Facility ID
 MSD0278

Water Quality Treatment Center
 MORRIS FORMAN

Receiving Stream of Treatment Center
 SOUTH FORK BEARGRASS CREEK

Region
 WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SSL Sewer Service Line	085100290046A	4332 PRUITT CT		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	3312928		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTED	12/05/2011	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 10:05 AM	MAIN

Discharge Reporting:

Discharge Amount:	70,750 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313067
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/30/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/30/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **MIDDLE FORK BEARGRASS** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	08935-SM	1001 BRECKENRIDGE LN		MIDDLE FORK BEARGRASS	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3311315		10/20/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	11/29/2001	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/20/20 04:45 PM	MAIN

Discharge Reporting:

Discharge Amount:	41 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY.
Clean Up:	NO CLEANUP REQUIRED, THE PIPE IS SUBMERGED AND DISCHARGES DIRECTLY TO STREAM.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.
Impact:	NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/20/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/20/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **SOUTH FORK BEARGRASS CREEK** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer 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	3312927		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	01/24/2002	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 02:30 PM	MAIN

Discharge Reporting:

Discharge Amount:	23,520 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED DISCHARGE, PIPE IS SUBMERGED.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/30/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/30/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **SOUTH FORK BEARGRASS CREEK** **WEST**

Facility Type **Facility ID** **Facility Address** **If Pump Station, Name of Pump Station:** **Receiving Stream** **Discharge to**
 SMHSewer Manhole 18654 4912 DELAWARE DR 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 3312926 10/29/2020 DAVIS BROWNMITCHELL DOCUMENTE 06/22/2011 LACK OF UNAUTHORIZED 10/30/20 10:05
 DISCHARGE D SYSTEM DISCHARGE- AM

MAIN

Discharge Reporting:

Discharge Amount:	35,025 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313061
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/30/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/30/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #
KY0022411

Facility ID
MSD0278

Water Quality Treatment Center
MORRIS FORMAN

Receiving Stream of Treatment Center

Region
WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	27007	1013 ALTA CIR		MIDDLE FORK BEARGRASS	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3312920		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	02/05/2014	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:00 AM	MAIN

Discharge Reporting:

Discharge Amount:	232,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313063
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/30/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/30/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	27008	1044 ALTA VISTA RD		MIDDLE FORK BEARGRASS	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3312918		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	03/19/2020	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:15 AM	MAIN

Discharge Reporting:

Discharge Amount:	236,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313065
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/30/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/30/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #
KY0022411

Facility ID
MSD0278

Water Quality Treatment Center
MORRIS FORMAN

Receiving Stream of Treatment Center
WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	27012	2408 GRAY FOX RD		MIDDLE FORK BEARGRASS	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3312812		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTED	03/09/2019	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:50 AM	MAIN

Discharge Reporting:

Discharge Amount:	185,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313068
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED UNABLE TO ACCESS DISCHARGE SITE DUE TO FLOODING.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28250	3506 CHARLANE PKY		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	3312839		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	01/03/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:40 AM	MAIN

Discharge Reporting:

Discharge Amount:	32,250 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313051
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **CHENOWETH RUN** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28336	9707 WILLOWWOOD WAY		CHENOWETH RUN	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3312840		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	08/30/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:55 AM	MAIN

Discharge Reporting:

Discharge Amount:	96,375 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313052
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28340	3620 CHARLANE PKY		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3312842		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	01/03/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:46 AM	MAIN

Discharge Reporting:

Discharge Amount:	31,600 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313053
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28413	3317 DELL RD		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3312835		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	03/20/2002	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:17 AM	MAIN

Discharge Reporting:

Discharge Amount:	34,175 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313054
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **CHENOWETH RUN** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28414	3400 DELL RD		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3312834		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	01/03/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:22 AM	MAIN

Discharge Reporting:

Discharge Amount:	34,125 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313055
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **CHENOWETH RUN** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28415	3406 DELL RD		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3312833		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	12/19/2002	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:27 AM	MAIN

Discharge Reporting:

Discharge Amount:	33,875 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313056
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28451	3406 CHARLANE PKY		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3312838		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	10/28/2015	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:34 AM	MAIN

Discharge Reporting:

Discharge Amount:	32,350 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313058
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28453	3402 CHARLANE PKY		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	3312837		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	10/28/2015	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 08:29 AM	MAIN

Discharge Reporting:

Discharge Amount:	66,950 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313059
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN		WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	40559	1012 ALTA CIR		MIDDLE FORK BEARGRASS	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3312814		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	01/26/2012	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 09:00 AM	MAIN

Discharge Reporting:

Discharge Amount:	220,500 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313069
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED UNABLE TO ACCESS DISCHARGE SITE DUE TO FLOODING.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	47583	202 OXMOOR LN		MIDDLE FORK BEARGRASS	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3312817		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	02/06/2008	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 11:07 AM	MAIN

Discharge Reporting:

Discharge Amount:	235,800 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313070
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED UNABLE TO ACCESS DISCHARGE SITE DUE TO FLOODING.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/29/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/29/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **SOUTH FORK BEARGRASS CREEK** **WEST**

Facility Type **Facility ID** **Facility Address** **If Pump Station, Name of Pump Station:** **Receiving Stream** **Discharge to**
 SMHSewer Manhole 49647 4315 PRUITT CT SOUTH FORK BEARGRASS CREEK GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3312921		10/29/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	02/28/2011	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/30/20 10:05 AM	MAIN

Discharge Reporting:

Discharge Amount:	68,250 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3313066
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	THE MANHOLE WAS DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/30/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/30/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **MIDDLE FORK BEARGRASS** **WEST**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	IS021A-SI	1201 OLD CANNONS LN		MIDDLE FORK BEARGRASS	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3311314		10/20/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	08/01/1969	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	10/20/20 07:00 AM	MAIN

Discharge Reporting:

Discharge Amount:	200,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED, THE PIPE IS SUBMERGED AND DISCHARGES DIRECTLY TO STREAM.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.
Impact:	NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

10/20/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
10/20/20 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN		WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLSSewer Lift Station	MSD0080-PS	4010 BELLS LN	SOUTHWESTERN	PADDY RUN	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3311492		10/20/2020	BURCH	BURCH	REPAIRED - ISSUE RESOLVED	10/20/2020	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	10/20/20 03:50 PM	

Discharge Reporting:

Discharge Amount:	6,000 GAL
Cause:	THE EQ BASIN DRAIN LINE TO SOUTHWESTERN PUMP STATION HAS BEEN DAMAGED.
Clean Up:	WE DISINFECTED THE AREA.
Control Zone:	WE SET UP BARRICADES.
Impact:	THERE WERE SOLIDS IN THE DITCH.
Repair:	DRAIN PUMPS ARE LOCKED OUT UNTIL REPAIR CAN BE MADE.
Public Notification:	NA - PRIVATE PROPERTY.

Notifications:

10/21/20 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: 23