



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

April 15, 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 March 1st to March 31st 2020 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet 30 day TSS, 7 day TSS, 30 day BOD, 7 day BOD, TSS and BOD percent removal for the reporting period.

Compromised solids handling equipment is contributing 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.

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

Sincerely,

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

DMR Copy of Record

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

Report Dates & Status					
Monitoring Period:	From 03/01/20 to 03/31/20	DMR Due Date:	04/28/20	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:	James A.	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					=	2.2					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	=	39884.0	=	59635.0	26 - lb/d		=	44.0	=	70.0	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	=	277343.0	=	391569.0	26 - lb/d		=	280.0	=	368.0	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				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	=	84498.0	=	125061.0	26 - lb/d		=	92.0	=	148.0	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	=	283543.0	=	362790.0	26 - lb/d		=	266.0	=	327.0	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	=	5782.0	=	6966.0	26 - lb/d		=	6.7	=	8.0	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	=	8722.0	=	10798.0	26 - lb/d		=	9.0	=	11.0	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																
50050	Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	--	Sample	=	108.55	=	124.48	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							=	41.0	=	144.0	13 - #/100mL	0	01/01 - Daily	GR - GRAB		
					Permit Req.							<=	1000.0 30DA GEO	<=	2000.0 7 DA GEO	13 - #/100mL		01/01 - Daily	GR - GRAB		
					Value NODI																
X 81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	84.0				23 - %	1	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					=	65.0				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						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge

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
81010	BOD, 5-day, 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
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

Comments

Attachments

Name	Type	Size
MFWQTC032020MOR.pdf	pdf	86771.0
MorrisFormanBypass.pdf	pdf	46514.0
MFWQTCoverletter032020.pdf	pdf	33789.0

Report Last Saved By

Morris Forman WQTC MSD

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2020-04-24 13:20 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2020-04-24 13:20 (Time Zone: -04:00)

DMR Copy of Record

Permit			
Permit #:	KY0022411	Permittee:	Morris Forman WQTC MSD
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203
Permitted Feature:	001 External Outfall	Discharge:	001-B SECONDARY BYPASS
Facility:		Facility Location:	MORRIS FORMAN WQTC MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status			
Monitoring Period:	From 03/01/20 to 03/31/20	DMR Due Date:	04/28/20
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:	James A.	Title:	Executive Director
Last Name:	Parrott	Telephone:	502-540-6000

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	61.0	=	136.0	19 - mg/L	17/30 - 17 Per Month	CP - COMPOS		
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0			WH/DS - When Discharging	CP - COMPOS
					Value NODI														
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	137.0	=	186.0	19 - mg/L	17/30 - 17 Per Month	CP - COMPOS		
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0			WH/DS - When Discharging	CP - COMPOS
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	103.0	=	221.0	19 - mg/L	17/30 - 17 Per Month	CP - COMPOS		
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0			WH/DS - When Discharging	CP - COMPOS
					Value NODI														
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	76.0	=	85.0	19 - mg/L	17/30 - 17 Per Month	CP - COMPOS		
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0			WH/DS - When Discharging	CP - COMPOS
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	5.3	=	6.8	19 - mg/L	17/30 - 17 Per Month	CP - COMPOS		
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0			WH/DS - When Discharging	CP - COMPOS
					Value NODI														
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	8.5	=	10.0	19 - mg/L	17/30 - 17 Per Month	CP - COMPOS		
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L 0			WH/DS - When Discharging	CP - COMPOS
					Value NODI														
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	30.4	=	43.3	03 - MGD					17/30 - 17 Per Month	CN - CONTIN			
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD							0	WH/DS - When Discharging	CN - CONTIN
					Value NODI														

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
Morris Forman WQTC MSD

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2020-04-24 13:17 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2020-04-24 13:20 (Time Zone: -04:00)

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-Y BIOMONITORING/ONCE PER QUARTER		

Report Dates & Status

Monitoring Period:	From 01/01/20 to 03/31/20	DMR Due Date:	04/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:	James A.	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
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	346.0	=	346.0	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly		CP - COMPOS	
					Value NODI													
01025	Cadmium, dissolved [as Cd]	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly		CP - COMPOS	
					Value NODI													
01040	Copper, dissolved [as Cu]	1 - Effluent Gross	0	--	Sample						<	0.05	<	0.05	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly		CP - COMPOS	
					Value NODI													
01049	Lead, dissolved [as Pb]	1 - Effluent Gross	0	--	Sample						<	0.05	<	0.05	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly		CP - COMPOS	
					Value NODI													
01090	Zinc, dissolved [as Zn]	1 - Effluent Gross	0	--	Sample						=	0.06	=	0.06	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly		CP - COMPOS	
					Value NODI													
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.06	=	0.06	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly		CP - COMPOS	
					Value NODI													
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly		CP - COMPOS	
					Value NODI													
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.05	<	0.05	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly		CP - COMPOS	
					Value NODI													
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.01	=	0.01	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly		CP - COMPOS	
					Value NODI													
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample								<	1.0	2F - tox acute	0	01/90 - Quarterly	G2 - GRAB-2
					Permit Req.							<=	1.0 DAILY MX	2F - tox acute	01/90 - Quarterly		G2 - GRAB-2	
					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@louisvillemd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemd.org

Date/Time: 2020-04-24 13:16 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org

Name: John Kessel

E-Mail: kessel@louisvillemsd.org

Date/Time: 2020-04-24 13:20 (Time Zone: -04:00)

Format: Month/Day/Year

Enter Start Date : 3/1/20

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF March-20
 KPDES PERMIT NO. KY0022411 PLANT CAPACITY - 120 MGD RECEIVING STREAM-OHIO RIVER

DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		pH		SETS (ML)			TSS (mg/L)		D.O. (mg/L)	5-DAY BOD (mg/L)			RETURN SLUDGE					AERATION BASIN					ACTIVE		CHLORINATION			FINAL EFFLUENT	
	Final Effluent	Sec. Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	raw	final	raw	prim. final	final	FLOW MG	TSS g/L	TVSS g/L	D.O. mg/L	MLSS g/L	MLVSS g/L	SET	SVI	Sludge Wasted MG	Primary Sludge MG	Chlorine Dosage KLBS	Resid mg/L	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours		
																																raw	final
3/1/20	76.06	76.06	0.00	54	54	7.0	6.6	8.9	0.4	257	120	4.8	401	274	66	25.0	15.8	13.9	3.2	4.2	3.7	443	107	0.38	0.25	1.92	0.016	39	1.9	24.0			
3/2/20	149.64	112.79	36.85	60	60	7.1	6.5	10.8	11.9	276	284	2.2	214	118	171	25.0	15.3	13.7	14.5	3.5	3.1	348	102	0.55	0.40	3.84	0.016	5000	6.3	24.0			
3/3/20	145.31	127.48	17.83	59	59	7.1	6.6	5.0	1.3	246	158	5.1	206	133	100	25.0	13.9	12.1	19.8	2.4	2.1	212	87	0.69	0.30	3.84	0.016	40	7.3	24.0			
3/4/20	98.56	98.56	0.00	59	59	7.1	6.6	11.1	0.1	252	40	5.7	416	299	37	26.1	14.4	12.5	12.0	3.0	2.6	270	89	0.69	0.40	2.84	0.016	34	9.0	24.0			
3/5/20	90.79	90.79	0.00	61	61	7.1	6.4	7.6	0.1	233	75	4.9	394	259	58	25.9	14.1	12.4	5.0	5.8	5.0	346	61	0.46	0.44	2.84	0.016	420	8.6	24.0			
3/9/20	84.42	84.42	0.00	59	59	7.0	6.5	8.5	0.2	244	100	5.6	347	212	47	26.0	13.2	11.7	10.0	3.5	3.1	399	113	0.33	0.27	2.54	0.016	67	8.8	24.0			
3/7/20	79.10	79.10	0.00	59	59	7.2	6.4	8.5	0.3	248	136	5.3	337	206	168	26.2	12.4	10.8	10.8	3.4	3.0	433	126	0.23	0.16	2.36	0.016	170	8.2	24.0			
3/8/20	79.10	79.10	0.00	60	60	7.1	6.5	9.6	4.3	263	213	5.5	326	200	135	26.0	12.7	11.3	14.3	3.6	3.1	424	118	0.37	0.13	1.90	0.016	44	8.3	24.0			
3/9/20	145.85	145.85	0.00	60	60	7.2	6.5	10.0	0.1	354	118	6.2	383	204	66	26.1	12.5	11.2	15.4	4.4	3.9	413	93	1.23	0.41	1.90	0.016	17	10.9	24.0			
3/10/20	140.13	110.78	29.35	61	61	7.0	6.4	13.5	7.6	493	217	5.3	412	242	133	26.1	12.5	11.2	13.0	2.3	2.0	344	150	0.97	0.30	3.95	0.016	550	10.4	14.9			
3/11/20	84.62	84.62	0.00	61	61	7.3	6.6	10.0	0.1	362	37	5.1	450	335	79	26.0	12.7	11.0	5.6	3.3	2.8	328	101	1.20	0.38	3.95	0.016	24	6.6	0.0			
3/12/20	128.30	90.63	37.67	61	61	7.1	6.4	9.9	0.1	320	39	5.4	603	302	67	25.9	13.1	11.7	4.4	3.8	3.4	448	118	0.99	0.43	2.83	0.016	14	8.2	0.0			
3/13/20	191.30	131.47	59.83	61	61	7.1	6.7	5.0	0.2	280	85	6.3	205	108	37	26.1	13.9	12.0	13.9	3.1	2.6	249	80	1.47	0.40	5.48	0.016	12	3.7	10.5			
3/14/20	173.07	126.53	46.54	59	59	7.2	6.4	4.0	0.2	218	62	6.8	200	90	36	26.0	13.7	11.8	14.8	2.3	2.2	269	115	0.73	0.24	5.48	0.016	134	2.3	24.0			
3/15/20	142.66	129.63	13.03	55	55	7.2	6.5	10.2	0.1	158	43	7.0	158	79	27	26.0	13.2	11.3	24.4	2.5	2.1	246	100	0.69	0.22	4.31	0.016	4	2.3	24.0			
3/16/20	122.52	120.92	1.60	57	57	7.0	6.5	16.2	0.1	226	18	8.3	267	166	15	26.0	13.4	11.6	17.1	6.7	5.7	271	41	1.23	0.47	3.12	0.016	44	6.4	24.0			
3/17/20	115.58	115.58	0.00	59	59	7.1	6.4	30.0	0.1	283	38	5.8	282	196	20	26.2	14.1	12.1	14.3	3.3	2.8	299	89	0.69	0.45	2.35	0.016	4	5.2	24.0			
3/18/20	169.45	114.24	55.21	60	60	7.0	6.4	9.9	0.2	473	82	5.8	289	161	51	26.1	13.8	12.1	10.5	7.5	6.5	334	45	0.93	0.31	3.89	0.016	80	4.8	24.0			
3/19/20	215.11	132.88	82.23	63	63	7.2	6.4	6.8	0.5	252	92	6.4	125	92	60	26.2	13.6	11.9	14.4	4.0	3.5	240	60	1.31	0.42	6.13	0.016	4	3.3	24.0			
3/20/20	195.84	129.76	66.08	63	63	7.2	6.4	9.5	0.3	207	85	5.8	140	59	28	25.9	12.9	11.1	19.2	2.5	2.1	263	105	0.53	0.32	6.13	0.016	31	2.0	24.0			
3/21/20	141.58	128.34	13.24	58	58	7.0	6.2	5.5	0.4	193	135	5.5	249	190	76	26.1	11.8	10.1	13.7	2.6	2.3	271	103	0.11	0.10	2.82	0.016	258	2.1	24.0			
3/22/20	127.40	125.11	2.29	59	59	7.1	6.3	10.5	0.2	198	104	5.7	238	119	48	26.0	13.5	11.8	14.4	2.8	2.4	284	103	0.32	0.05	3.15	0.016	680	1.7	24.0			
3/23/20	120.04	120.04	0.00	59	59	7.1	6.5	68.0	0.1	206	74	7.3	264	145	40	26.0	13.1	11.1	15.0	4.3	3.6	287	67	0.40	0.30	3.15	0.016	104	6.9	24.0			
3/24/20	133.90	107.82	26.08	60	60	4.4	6.6	94.0	0.1	532	64	6.3	305	188	39	26.0	12.6	10.9	12.6	5.2	4.5	308	60	0.84	0.40	2.50	0.016	34	9.9	24.0			
3/25/20	129.19	120.29	8.90	59	59	7.3	6.7	10.3	0.2	186	82	6.4	158	66	37	26.0	13.9	12.0	19.8	2.9	2.5	268	91	0.54	0.41	2.50	0.016	17	9.1	24.0			
3/26/20	98.04	98.04	0.00	61	61	7.3	6.8	4.9	0.1	194	18	6.8	192	88	10	25.5	13.6	11.6	19.7	6.1	5.2	289	49	0.56	0.42	2.47	0.016	4	12.9	24.0			
3/27/20	88.69	88.69	0.00	65	65	7.1	6.6	6.5	0.1	180	20	5.8	257	159	11	25.0	13.8	12.0	11.2	3.5	3.0	341	97	0.22	0.30	1.61	0.016	10	9.7	24.0			
3/28/20	85.97	85.73	0.24	66	66	7.1	6.5	9.3	0.1	184	30	8.1	199	139	16	25.3	13.3	11.6	15.6	5.9	5.1	358	61	-0.01	0.13	1.88	0.016	4	5.7	24.0			
3/29/20	142.73	123.55	19.18	67	67	7.1	6.4	5.0	3.5	352	164	8.2	132	72	101	26.1	13.5	11.5	19.6	3.1	2.6	284	94	0.35	0.08	3.58	0.016	10	5.0	24.0			
3/30/20	100.06	100.06	0.00	62	62	7.3	6.5	5.9	0.1	190	31	7.6	226	101	18	25.9	12.8	10.9	19.1	3.2	2.7	287	91	0.93	0.39	3.58	0.016	67	10.8	24.0			
3/31/20	86.19	86.19	0.00	63	63	7.3	6.7	6.1	0.1	188	12	7.5	316	204	16	25.9	13.2	11.3	15.7	6.4	5.4	412	66	0.80	0.41	1.59	0.016	31	12.6	24.0			
Sum	3681.20	3365.05	516.2													801.6								20.75	9.69					673.3			
Average	125.20	108.55	30.36	60	60	7.0	6.5	13.9	1.1	266	90	6.1	280	168	58	25.9	13.4	11.7	14.0	3.9	3.4	322	90	0.67	0.31	3.24	0.016	41	6.8				

SEWER CONNECTIONS 148119 TIMES 4 = 592476 SEWER POPULATION IND. WASTER POPULATION EQ CUSTOMERS 388
 FLOW 620972
 BOD 1163967
 TSS 780725

Authorized Agent

Certification No. 26893

MORRIS FORMAN WASTEWATER TREATMENT PLANT JEFFERSON COUNTY, KY

Month of Mar-20

Average Flow	Primary	Secondary		
		Battery A	Battery B	Battery C
SETTLING TANKS				
Average Flow (MGD)	127.41	31.16	37.56	13.30
Tanks in Service	4.00	7.0	8.0	4.0
Surface Area (Ft.2)	77000.00	50790.17	69200.00	34600.00
Volume (MG)	8.33	5.20	7.09	3.54
Weir Length (Ft.)	2860.00	2105.00	2868.00	1434.00
Avg. Weir Overflow (GPD/Ft)	44549.67	14803.06	13097.35	9276.63
Avg. Settling Rate (GPD/Ft2)	1654.70	827.78	687.33	528.50
Avg. Detention Time	1.57	4.01	4.53	6.39

AERATION TANKS	Battery A	Battery B	Battery C
	Volume (Gallons)	4200000	4200000
Avg. Flow (MGD)	42.04	47.56	18.29
Avg. Detention Time (Hours)	3.23	2.68	3.79

CHLORINE CONTACT CHAMBERS	
Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	0.90

Remarks: BY-PASS REPORTS (See Attached)



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
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	3218949		03/12/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	11/29/2001	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/12/20 02:33 AM	MAIN

Discharge Reporting:

Discharge Amount:	8,240 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:	NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
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:

3/13/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/13/20 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	OHIO RIVER	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

<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	3223593		03/19/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	03/19/2020	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/20/20 12:55 PM	MAIN

Discharge Reporting:

Discharge Amount:	161,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-- HEAVY RAIN.
Clean Up:	WO#3226390.
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/20/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/20/20 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	OHIO RIVER	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	3223591		03/19/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	03/09/2019	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/20/20 12:55 PM	MAIN

Discharge Reporting:

Discharge Amount:	161,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-- HEAVY RAIN.
Clean Up:	WO#3226388.
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/20/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/20/20 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	OHIO RIVER	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	3218950		03/13/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	10/28/2015	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/13/20 06:20 AM	MAIN

Discharge Reporting:

Discharge Amount:	9,000 GAL
Cause:	LACK OF SYSTEM CAPACITY--HEAVY RAIN.
Clean Up:	WO#3220563.
Control Zone:	TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.

Notifications:

3/13/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/13/20 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	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	45796	1011 ALTA CIR		MIDDLE FORK BEARGRASS	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3218981		03/12/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	05/10/2014	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/13/20 09:00 AM	MAIN

Discharge Reporting:

Discharge Amount:	102,000 GAL
Cause:	LACK OF SYSTEM CAPACITY--HEAVY RAIN.
Clean Up:	WO#3220565.
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
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:

3/13/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/13/20 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	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	47582	201 BULLITT 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	3225531		03/19/2020	DAVIS BROWN	MITCHELL	DOCUMENTED	12/05/2011	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/20/20 05:55 AM	MAIN

Discharge Reporting:

Discharge Amount:	13,200 GAL
Cause:	LACK OF SYSTEM CAPACITY--HEAVY RAIN.
Clean Up:	WO#3226584.
Control Zone:	PERMANENT SIGNS POSTED ALONG THE CREEK.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/20/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/20/20 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	OHIO RIVER	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

<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	3225529		03/19/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	02/06/2008	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/20/20 05:55 AM	MAIN

Discharge Reporting:

Discharge Amount:	132,000 GAL
Cause:	LACK OF SYSTEM CAPACITY--HEAVY RAIN.
Clean Up:	WO#3226583.
Control Zone:	TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/20/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/20/20 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	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	72289	1700 SULGRAVE RD		MIDDLE FORK BEARGRASS	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	3223590		03/19/2020	DAVIS BROWN	MITCHELL	DOCUMENTE D	05/29/2012	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/19/20 01:50 PM	MAIN

Discharge Reporting:

Discharge Amount:	400 GAL
Cause:	LACK OF SYSTEM CAPACITY-- HEAVY RAIN.
Clean Up:	WO#3226591.
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/20/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/20/20 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	OHIO RIVER	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	3218979		03/12/2020	DAVIS BROWNMITCHELL		DOCUMENTE D	08/01/1969	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/13/20 06:00 AM	MAIN

Discharge Reporting:

Discharge Amount:	800,000 GAL
Cause:	LACK OF SYSTEM CAPACITY--HEAVY RAIN.
Clean Up:	NO CLEAN UP NOT PERFORMED NO PUBLIC ACCESS TO THE DISCHARGE SITE.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.
Impact:	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:

3/13/20 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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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
SMHSewer Manhole	IS022A-SI	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	3223589		03/19/2020	DAVIS BROWNMITCHELL		QUEUED FOR REPAIR	03/19/2020	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/19/20 01:50 PM	MAIN

Discharge Reporting:

Discharge Amount:	3,000 GAL
Cause:	LACK OF SYSTEM CAPACITY--HEAVY RAIN. CURRENTLY BEING INVESTIGATED, COULD BE RELATED TO SIPHON MAINTENANCE.
Clean Up:	WO#3226589.
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/20/20 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/20/20 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Total Facilities Printed: 10

Total Work Orders Printed: 17