



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

June 18, 2018

Crystal Thompson
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. Thompson:

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 May 1st to May 31st, 2018 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet a 30 day TSS, 7 day TSS, 30 day BOD, 7 day BOD, BOD or TSS Percent Removal and a one day Chlorine Residual exceedance.

Compromised solids handling equipment is contributing to the exceedances. MFWQTC continues to employ additional solids processing methods: dewatered cake and an outside vendor to assist with solids handling in addition to purchasing additional Liquid Oxygen in an effort to meet permit requirements.

Additionally, the Plant Information system had an equipment failure on May 23, 2018. As a result of the failure, plant effluent flow was only recorded for the first 8 hours of the day. This 8-hour period was applied to the remainder of the day to obtain an estimated total daily plant flow.

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

Sincerely,

A handwritten signature in black ink that reads 'Alex E. Novak'. The signature is written in a cursive, flowing style.

Alex E. Novak, P.E.

Treatment Facilities Director

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:

001-1
MUNICIPAL DISCHARGE

Report Dates & Status

Monitoring Period:

From 05/01/18 to 05/31/18

DMR Due Date:

06/28/18

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.

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						=	2.1					19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	2 INST MIN					19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI															
X 00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	49697	=	104942	26 - lb/d			=	58	=	120	19 - mg/L	2	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	=	322149	=	326017	26 - lb/d			=	362	=	394	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						=	6.3			=	6.9	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	=	95231	=	197171	26 - lb/d			=	110	=	222	19 - mg/L	2	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	=	348916	=	385587	26 - lb/d			=	382	=	443	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	=	11954	=	12736	26 - lb/d			=	14	=	14.2	19 - mg/L	0	01/01 - Daily	CP - COMPOS
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	11242	=	11632	26 - lb/d			=	12.5	=	12.8	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	=	103.65	=	128.17	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															
X 50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample										=	0.09	19 - mg/L	1	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								=	68	=	107	13 - #/100mL	0	01/01 - Daily	GR - GRAB
					Permit Req.								<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL		01/01 - Daily	GR - GRAB
					Value NODI															
X 81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	84						23 - %	1	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					=	71						23 - %	1	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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					

50060	Chlorine, total residual	1 - Effluent Gross	Quality or Concentration Sample Value 3	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
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
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
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
MFWQTC052018Coverletter.pdf	pdf	209308
201805MFWQTCOverflowReport.pdf	pdf	101557
MFWQTCMOR052018.pdf	pdf	608063

Report Last Saved By
Morris Forman WQTC MSD

User:	kessel@louisvillemsd.org
Name:	John Kessel
E-Mail:	kessel@louisvillemsd.org
Date/Time:	2018-06-25 10:22 (Time Zone: -04:00)

Report Last Signed By	
User:	kessel@louisvillemsd.org
Name:	John Kessel
E-Mail:	kessel@louisvillemsd.org
Date/Time:	2018-06-25 10:22 (Time Zone: -04:00)

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 05/01/18 to 05/31/18

DMR Due Date:

06/28/18

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.

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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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:

2018-06-25 10:21 (Time Zone: -04:00)

Report Last Signed By

User:

kessel@louisvillemsd.org

Name:

John Kessel

E-Mail:

kessel@louisvillemsd.org

Date/Time:

2018-06-25 10:22 (Time Zone: -04:00)

Format: Month/Day/Year
Enter Start Date : 5/1/18

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF May-18
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	
																														Sludge Wasted	Primary Sludge	Chlorine Dosage	Resid mg/L	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours
	Effluent	Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	final	final	FLOW MG	TSS g/L	TVSS g/L	D.O. mg/L	MLSS g/L	MLVSS g/L	SET	SVI	MG	MG	KLBS	mg/L	#/100 ml	mg/L	Hours						
5/1/18	90.36	90.36	0.00	67	67	7.0	6.6	15.9	15.5	510	322	4.8	440	267	196	26.1	17.0	14.3	6.8	5.3	4.5	442	83	1.12	0.34	4.61	0.016	105	19	0.0						
5/2/18	99.97	99.97	0.00	70	70	7.1	6.4	16.8	18.8	480	420	5.6	439	276	159	26.3	15.9	13.5	4.1	5.8	5.0	397	69	1.05	0.41	5.92	0.016	67	9	0.0						
5/3/18	99.51	99.51	0.00	69	69	7.0	6.5	13.2	0.3	460	184	3.6	494	360	170	26.0	17.2	14.4	7.0	5.9	4.9	356	60	1.15	0.46	5.67	0.016	27	19	0.0						
5/4/18	96.30	96.30	0.00	71	71	7.1	6.4	14.5	0.5	372	108	4.5	476	470	83	26.2	17.7	15.1	2.5	4.4	3.7	373	85	1.15	0.48	4.71	0.016	94	14	0.0						
5/5/18	171.45	114.84	56.61	68	68	7.1	6.4	10.9	22.5	180	463	5.7	197	228	218	26.4	15.7	13.6	8.7	4.1	3.6	376	90	1.15	0.30	7.88	0.016	46	12	0.0						
5/6/18	200.02	128.17	71.85	66	66	7.1	6.5	4.9	2.6	240	152	6.0	114	46	86	25.9	17.6	14.8	23.7	4.9	4.1	322	65	1.15	0.17	6.14	0.016	250	6	0.0						
5/7/18	175.34	126.51	48.83	61	61	7.3	6.8	4.1	0.3	154	47	6.5	158	80	48	26.0	15.9	13.3	23.1	3.9	3.2	260	66	1.06	0.43	3.66	0.016	780	11	0.0						
5/8/18	130.62	124.82	5.80	62	62	7.2	6.6	10.1	0.1	292	26	9.7	266	136	24	25.9	16.4	13.7	21.7	3.3	2.9	256	79	1.13	0.42	3.51	0.016	153	12	15.4						
5/9/18	122.81	122.81	0.00	67	67	7.1	6.7	8.9	0.2	460	18	6.6	301	144	17	25.8	16.5	13.9	18.3	3.2	2.8	267	83	1.07	0.42	3.17	0.016	36	14	24.0						
5/10/18	124.47	119.73	4.74	69	69	6.9	6.5	11.1	0.4	388	33	6.5	303	180	19	25.9	17.3	14.5	12.4	4.1	3.4	300	74	1.15	0.52	3.48	0.090	565	13	24.0						
5/11/18	112.61	112.61	0.00	69	69	6.7	6.4	1.5	0.1	364	36	4.8	475	243	23	25.8	15.8	13.5	8.7	3.0	2.5	307	100	1.15	0.29	3.15	0.016	155	15	24.0						
5/12/18	100.10	100.10	0.00	72	72	7.0	6.3	13.0	0.3	336	29	5.2	297	233	22	26.0	13.9	11.9	8.9	3.5	3.0	321	98	1.15	0.35	3.00	0.016	129	13	11.8						
5/13/18	93.11	93.11	0.00	71	71	7.1	6.5	8.1	0.6	203	85	5.6	250	260	54	25.9	16.4	13.8	14.7	4.7	4.0	351	78	1.15	0.44	2.84	0.016	14	13	0.0						
5/14/18	96.08	96.08	0.00	72	72	6.9	6.4	8.9	0.8	276	82	6.7	308	187	57	25.6	18.3	15.5	15.7	4.6	4.0	321	70	1.03	0.48	3.04	0.016	90	17	0.0						
5/15/18	84.19	84.19	0.00	73	73	6.9	6.4	10.9	0.6	344	64	4.7	490	423	38	25.4	16.8	14.3	7.5	5.0	4.1	319	64	1.08	0.46	2.92	0.016	137	16	0.0						
5/16/18	97.67	97.67	0.00	79	79	7.0	6.4	10.9	0.7	384	71	5.4	441	212	48	25.8	16.7	14.3	4.2	5.2	4.5	333	68	0.98	0.32	4.70	0.016	210	13	0.0						
5/17/18	118.92	102.99	15.93	75	75	6.9	6.4	14.9	1.1	508	82	5.9	458	280	52	25.7	17.3	14.6	3.0	6.6	5.6	279	42	1.13	0.33	4.43	0.016	14	12	0.0						
5/18/18	105.91	105.91	0.00	75	75	6.9	6.3	12.0	0.9	496	82	5.3	478	254	54	25.8	16.7	14.2	3.9	3.9	3.5	329	84	1.09	0.39	4.17	0.016	40	8	0.0						
5/19/18	99.26	99.26	0.00	73	73	7.3	6.9	14.5	0.5	388	60	5.0	283	156	35	25.6	16.7	14.3	7.5	3.2	2.7	339	107	1.15	0.39	4.36	0.016	24	7	0.0						
5/20/18	89.20	89.20	0.00	76	76	7.1	6.4	9.9	0.5	250	64	4.5	182	138	39	25.9	18.5	15.7	14.3	4.6	3.9	344	75	1.10	0.46	2.98	0.016	42	12	0.0						
5/21/18	93.65	91.98	1.67	73	73	6.9	6.5	10.1	0.2	304	39	6.0	426	308	30	25.9	17.3	14.5	15.3	3.7	3.2	337	92	1.15	0.33	2.92	0.016	9	20	0.0						
5/22/18	112.82	109.11	3.71	74	74	6.9	6.4	15.1	2.6	455	162	4.0	417	385	80	25.6	18.2	15.0	4.0	5.7	4.6	341	44	1.15	0.28	5.75	0.016	410	17	10.0						
5/23/18	95.67	95.67	0.00	76	76	6.9	6.3	15.1	0.7	490	95	4.9	556	223	38	25.6	17.8	15.0	4.6	8.2	7.0	352	45	1.15	0.33	4.31	0.016	41	14	7.7						
5/24/18	91.50	91.50	0.00	75	75	6.9	6.3	15.1	1.3	515	86	3.8	559	331	41	25.6	17.3	14.4	3.8	6.2	5.0	361	59	1.16	0.31	2.45	0.016	32	14	24.0						
5/25/18	87.77	87.77	0.00	75	75	6.8	6.3	14.1	0.5	484	172	4.2	491	343	62	25.7	18.7	15.6	2.7	5.0	4.2	359	72	1.15	0.40	1.86	0.016	46	15	24.0						
5/26/18	82.75	82.75	0.00	76	76	7.0	6.3	12.1	2.0	288	170	3.8	276	366	77	25.1	18.0	15.0	4.3	4.8	3.9	367	76	1.15	0.20	3.81	0.016	70	13	24.0						
5/27/18	134.47	115.12	19.35	76	76	6.7	6.4	12.2	14.5	584	390	2.1	145	126	196	25.4	18.9	15.9	12.8	9.2	7.6	308	35	1.15	0.20	6.97	0.016	240	11	19.4						
5/28/18	116.17	108.21	7.96	75	75	7.0	6.5	9.9	0.8	288	92	5.7	210	53	54	25.6	20.1	16.5	17.7	4.3	3.6	253	60	1.15	0.18	3.80	0.016	84	15	0.0						
5/29/18	114.28	112.59	1.69	75	75	7.0	6.5	10.9	0.2	360	36	6.6	356	213	20	25.6	17.3	14.2	18.7	4.3	3.5	230	57	1.16	0.20	2.95	0.016	20	17	0.0						
5/30/18	115.61	108.16	7.45	76	76	7.0	6.4	15.2	1.1	500	74	5.2	512	283	42	25.5	18.5	15.1	9.2	4.5	3.5	271	60	1.24	0.25	3.98	0.016	10	18	0.0						
5/31/18	127.40	106.06	21.34	75	75	6.9	6.4	11.6	2.9	480	188	4.8	426	308	116	25.6	17.8	14.9	5.4	4.6	3.7	286	62	1.30	0.28	5.69	0.016	40	14	0.0						
Sum	3480.0	3213.1	266.9													799.2								33.804	10.804					208.3						
Average	112.3	103.6	20.5	72.0	72.0	7.0	6.5	11.5	3.0	381.7	126.8	5.3	362.1	242.3	70.9	25.8	17.2	14.5	10.2	4.8	4.1	324.4	71.0	1.1	0.3	4.2	0.0	67.5	13.6							

SEWER CONNECTIONS

147769 TIMES 4 =

591076 SEWER POPULATION

IND. WASTER POPULATION EQ

CUSTOMERS 379

FLOW 471981

BOD 1351203

TSS 1067917

Authorized Agent

Certification No. 26893

MORRIS FORMAN WASTEWATER JEFFERSON COUNTY, KY

Month of May-18

Average Flow

	Primary	Secondary		
SETTLING TANKS	Battery A	Battery B	Battery C	

Average Fl	111.62	23.98	21.56	11.67
Tanks in Se	3.00	7.4	7.0	4.0
Surface Ar	77000.00	64111.69	60382.10	34594.06
Volume (lv	8.33	6.57	6.18	3.54
Weir Leng	2860.00	2657.11	2502.54	1433.75
Avg. Weir	39028.33	9023.64	8617.10	8141.95
Avg. Settlin	1449.62	545.56	522.75	475.73
Avg. Deter	1.79	6.57	6.88	7.29

AERATION TANKS	Battery A	Battery B	Battery C
----------------	-----------	-----------	-----------

Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	34.98	31.56	16.46
Avg. Detention Time (	4.20	4.67	4.32

CHLORINE CONTACT CHAMBERS

Contact Cl	2.0
Volume (G	2340000
Avg. Deter	1.17

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 05/01/2018 00:00 thru 05/31/2018 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	2912756		05/05/2018	MITCHELL	MITCHELL	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/05/18 09:15 PM	

Discharge Reporting:

Discharge Amount:	18,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	NO DEBRIS OR SOLIDS/FLOATABLE, UNABLE TO USE CLEANER IN THE WATERWAYS.
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED, SOME SEWAGE CAME IN CONTACT WITH WATERWAYS.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

Notifications:

5/6/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Report Selections: Period: 05/01/2018 00:00 thru 05/31/2018 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	27603	803 GREENSPUR LN		MUDDY FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2921109		05/22/2018	BIVIN	BIVIN			ROOTS	UNAUTHORIZED DISCHARGE - WATERS	05/22/18 07:45 PM	MAIN

Discharge Reporting:

Discharge Amount:	400 GAL
Cause:	ROOTS IN MAIN SEWER.
Clean Up:	DISCHARGE IS IN A CREEK. CAN NOT CLEAN AREA. NO SOLIDS.
Control Zone:	MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE.
Impact:	MSD PERSONNEL OBSERVED A DISCHARGE FROM MH# 27603.
Repair:	ROOT CUT MAIN SEWER STOPPED DISCHARGE.
Public Notification:	CUSTOMER WAS NOTIFIED BY PHONE CALL.

Notifications:

5/23/18 1:01 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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Report Selections: Period: 05/01/2018 00:00 thru 05/31/2018 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
SV Sewer Valve	79766-V	5503 BRANSTON DR		MILL CREEK CUTOFF	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2916807		05/16/2018	CATALANO JR	THOMPSON	REPAIRED - ISSUE RESOLVED	05/16/2018	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	05/16/18 10:16 AM	H

Discharge Reporting:

Discharge Amount:	100,000 GAL
Cause:	ARV NIPPLE BROKE OFF AT PIPE.
Clean Up:	CONTRACTOR CLEANED AND SANITIZED AREA.
Control Zone:	TEMP SIGNS AND DOOR HANGERS PLACED.
Impact:	SOLIDS WERE OBSERVED.
Repair:	CONTACTOR AND MSD STAFF REPLACED NIPPLE WITH STAINLESS STEEL.
Public Notification:	PUBLIC WAS NOTIFIED THROUGH ON SITE AND DOOR HANGERS.

Notifications:

5/16/18 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
5/16/18 1:00 pm	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Total Facilities Printed: 3

Total Work Orders Printed: 3