



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

June 15, 2017

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

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

Dear Ms. Edwards:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period May 1<sup>st</sup> to May 31<sup>st</sup>, 2017 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) met all effluent parameters.

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

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

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	From 05/01/17 to 05/31/17	<b>DMR Due Date:</b>	06/28/17	<b>Status:</b>	NetDMR Validated

**Considerations for Form Completion**  
 G - INFLUENTE - SECONDARY EFFLUENT1 - FINAL EFFLUENT - Parameter 74055 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

<b>Principal Executive Officer</b>					
<b>First Name:</b>	James A.	<b>Title:</b>	Executive Director	<b>Telephone:</b>	502-540-6000
<b>Last Name:</b>	Parrott				

**No Data Indicator (NODI)**  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	2.7					19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.					>=	2 INST MIN				19 - mg/L	01/01 - Daily		GR - GRAB	
					Value NODI														
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	13885	=	20920	26 - lb/d	=	17	=	26	19 - mg/L	1	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	=	233327	=	258482	26 - lb/d	=	289	=	338	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			=	6.8	12 - SU	0	01/01 - Daily	GR - GRAB
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB
					Value NODI														
00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	21278	=	33121	26 - lb/d	=	25	=	38	19 - mg/L	1	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	=	294700	=	342554	26 - lb/d	=	358	=	408	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	=	10014	=	11075	26 - lb/d	=	13.7	=	15.2	19 - mg/L	1	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	=	7495	=	8207	26 - lb/d	=	9.4	=	11.2	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	=	93.11	=	132.06	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						=	38	=	89	13 - #/100mL	0	01/01 - Daily	GR - GRAB	
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL		01/01 - Daily	GR - GRAB	
					Value NODI														
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	94				23 - %	1	01/30 - Monthly	CA - CALCTD	
					Permit Req.						>=	85 MO MIN			23 - %		01/30 - Monthly	CA - CALCTD	
					Value NODI														
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	93				23 - %	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**  
 No errors.

**Comments**

**Attachments**

Name	Type	Size
201705MFWQTCOverflowReport.pdf	pdf	129081
MFWQTC052017MOR.pdf	pdf	110780
MFWQTC052017Coverletter.pdf	pdf	27759

**Report Last Saved By**

**Morris Forman WQTC MSD**

User: kessel@louisvillemsd.org

Date/Time: 2017-06-19 11:50 (Time Zone: -04:00)

Name: John Kessel

E-Mail: kessel@louisvillemsd.org

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 05/01/17 to 05/31/17	DMR Due Date:	06/28/17
Status:	NetDMR Validated		

**Considerations for Form Completion**  
 MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT.

<b>Principal Executive Officer</b>			
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						=	46		=	79	19 - mg/L	01/12 - Once Per 12 Days WH/DS - When Discharging	CP - COMPOS CP - COMPOS	
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV
					Value NODI														
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	168		=	225	19 - mg/L	01/12 - Once Per 12 Days WH/DS - When Discharging	CP - COMPOS CP - COMPOS	
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	74		=	152	19 - mg/L	01/12 - Once Per 12 Days WH/DS - When Discharging	CP - COMPOS CP - COMPOS	
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV
					Value NODI														
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	182		=	284	19 - mg/L	01/12 - Once Per 12 Days WH/DS - When Discharging	CP - COMPOS CP - COMPOS	
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	10.6		=	13.4	19 - mg/L	01/12 - Once Per 12 Days WH/DS - When Discharging	CP - COMPOS CP - COMPOS	
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV
					Value NODI														
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	13.4		=	17.5	19 - mg/L	01/12 - Once Per 12 Days WH/DS - When Discharging	CP - COMPOS CP - COMPOS	
					Permit Req.											Req Mon MO AVG			Req Mon MX WK AV
					Value NODI														
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	27.67	=	25.68	03 - MGD						01/12 - Once Per 12 Days 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@louisvillemtd.org	Date/Time:	2017-06-19 11:49 (Time Zone: -04:00)
Name:	John Kessel		
E-Mail:	kessel@louisvillemtd.org		

Format: Month/Day/Year

Enter Start Date : 5/1/17

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF May-17  
 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	Sec.	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	final	final	FLOW	TSS	TVSS	D.O.	MLSS	MLVSS	SET	SVI	Sludge Wasted	Primary Sludge	Chlorine Dosage	Resid	Fecal Coliform	NH3-N	Pump.		
	Effluent	Effluent														MG	g/L	g/L	mg/L	g/L	g/L			MG	MG	KLBS	mg/L	#/100 ml	mg/L	Hours		
5/1/17	102.63	96.83	5.80	67	67	6.9	6.7	16.9	0.3	480	48	5.7	239	118	31	28.0	18.1	15.0	13.4	3.7	3.1	216	57	1.08	0.35	2.55	0.016	156	12.3	24.0		
5/2/17	93.09	91.37	1.72	67	67	6.8	6.6	15.7	0.6	564	74	7.2	281	173	41	27.5	16.5	13.6	11.6	4.0	3.2	283	71	0.94	0.25	2.35	0.016	27	14.9	24.0		
5/3/17	97.80	97.80	0.00	64	64	7.2	6.6	17.1	0.1	400	31	5.6	430	145	27	27.9	17.6	14.5	12.8	5.1	4.2	208	41	1.05	0.37	2.27	0.016	52	11.2	24.0		
5/4/17	123.36	109.97	13.39	66	66	7.1	6.5	14.5	1.6	396	116	5.8	239	245	67	27.7	17.6	14.7	11.0	3.5	2.9	214	62	1.01	0.40	4.06	0.016	75	11.8	24.0		
5/5/17	188.93	132.06	56.87	63	63	7.0	6.3	6.8	4.0	196	164	5.9	101	109	83	28.7	18.6	15.5	16.8	3.6	3.2	237	69	1.08	0.43	7.54	0.016	520	5.2	24.0		
5/6/17	189.14	130.85	58.29	61	61	7.0	6.7	5.0	0.3	120	44	8.6	122	80	37	28.4	17.8	15.0	20.5	8.6	7.3	213	25	0.97	0.42	5.87	0.016	152	5.6	24.0		
5/7/17	139.90	121.91	17.99	62	62	7.0	6.7	10.5	0.2	272	26	5.9	180	66	22	28.5	16.7	13.6	20.0	3.1	2.7	186	59	1.09	0.46	4.31	0.016	35	9.0	24.0		
5/8/17	100.08	100.08	0.00	65	65	7.0	6.6	13.5	0.1	316	17	10.2	301	186	17	28.6	16.2	12.8	20.0	3.0	2.3	198	66	1.05	0.49	2.64	0.016	13	12.3	24.0		
5/9/17	91.29	90.65	0.64	69	69	7.0	6.5	12.0	0.1	280	25	4.6	277	191	22	28.3	16.0	13.1	13.9	3.1	2.5	194	62	1.05	0.34	1.86	0.016	20	9.4	24.0		
5/10/17	85.72	85.72	0.00	73	73	7.1	6.5	14.2	0.1	392	14	7.1	408	183	8	28.0	14.7	12.1	15.4	3.3	2.7	169	51	1.03	0.33	1.90	0.016	6	13.0	24.0		
5/11/17	116.44	107.49	8.95	71	71	6.9	6.4	15.0	0.1	388	22	5.6	326	259	35	28.2	14.2	11.8	13.2	2.6	2.2	151	59	1.02	0.36	2.49	0.016	470	10.4	24.0		
5/12/17	91.24	91.24	0.00	68	68	6.9	6.4	13.9	0.1	380	17	6.2	369	316	13	27.6	13.1	9.6	12.3	3.5	2.6	189	55	1.00	0.39	2.02	0.016	6	11.7	24.0		
5/13/17	90.11	90.11	0.00	69	69	7.0	6.4	13.0	0.1	296	16	5.4	239	203	10	28.2	23.1	20.0	10.4	2.5	2.2	193	80	0.98	0.26	2.03	0.016	23	10.9	24.0		
5/14/17	83.24	83.24	0.00	71	71	6.9	6.8	15.0	0.1	396	17	7.5	223	148	10	28.2	13.8	11.6	14.5	7.8	6.5	237	30	0.98	0.33	2.30	0.016	28	14.5	24.0		
5/15/17	81.97	81.97	0.00	69	69	7.1	6.4	14.9	0.1	344	19	4.5	282	276	13	27.8	16.0	13.1	10.3	4.0	3.3	253	64	0.98	0.49	1.18	0.016	17	15.5	24.0		
5/16/17	81.68	81.68	0.00	74	74	6.8	6.4	18.5	0.4	468	34	6.0	500	236	32	22.8	16.3	13.6	9.3	3.8	3.1	226	60	0.87	0.34	2.17	0.016	6	18.2	24.0		
5/17/17	80.68	80.68	0.00	73	73	6.8	6.4	15.0	0.6	384	42	4.6	332	346	29	27.1	16.5	13.8	4.8	3.5	2.9	206	59	0.96	0.37	2.03	0.016	97	19.5	24.0		
5/18/17	77.79	77.79	0.00	77	77	6.9	6.4	15.0	0.3	500	20	5.8	293	135	16	27.9	17.5	14.5	5.8	5.1	4.3	241	49	1.01	0.45	2.15	0.016	60	16.5	13.2		
5/19/17	81.09	81.09	0.00	75	75	6.8	6.3	16.5	0.2	444	20	4.4	497	279	18	28.1	17.1	14.6	4.0	3.4	2.9	247	72	1.00	0.49	1.12	0.016	135	18.0	2.9		
5/20/17	94.34	81.23	13.11	75	75	6.9	6.4	13.5	2.0	460	103	4.6	310	287	64	28.1	16.6	14.1	6.3	4.6	3.9	277	61	1.01	0.48	3.29	0.016	35	14.8	0.0		
5/21/17	218.52	129.99	88.53	73	73	7.0	6.8	7.3	5.9	254	200	2.7	155	117	93	27.5	16.8	14.0	6.1	2.6	2.1	177	68	1.04	0.35	7.38	0.016	1560	6.7	0.0		
5/22/17	80.66	80.66	0.00	73	73	6.9	6.6	13.5	0.1	328	16	6.0	327	171	13	27.7	16.3	13.4	9.0	3.0	2.4	207	70	1.06	0.36	4.68	0.016	9	13.2	0.0		
5/23/17	73.98	73.98	0.00	71	71	6.9	6.4	14.0	0.5	352	8	5.3	437	270	6	27.1	16.5	13.9	7.1	4.5	3.9	324	71	1.09	0.53	1.68	0.016	16	19.4	0.0		
5/24/17	122.43	96.56	25.87	73	73	6.9	6.4	14.0	0.1	336	21	5.8	354	226	23	27.4	16.4	13.7	5.9	4.0	3.3	292	72	1.09	0.54	2.79	0.016	32	17.3	0.0		
5/25/17	159.09	118.22	40.87	69	69	7.0	6.4	9.0	0.3	336	50	6.4	163	150	39	28.0	15.6	13.3	16.3	3.1	2.6	240	74	1.07	0.44	7.55	0.016	22	9.5	9.4		
5/26/17	95.08	95.08	0.00	67	67	6.9	6.4	10.0	0.1	332	13	6.4	543	272	9	28.4	15.7	13.2	12.9	3.2	2.7	236	72	1.17	0.49	8.36	0.016	52	13.5	24.0		
5/27/17	84.56	84.56	0.00	75	75	7.0	6.5	12.0	0.1	396	9	5.5	213	164	8	27.6	16.2	13.7	10.5	14.7	12.4	254	64	1.12	0.52	1.92	0.016	53	14.8	24.0		
5/28/17	77.27	77.27	0.00	72	72	7.1	6.5	11.3	0.1	264	14	7.3	143	95	7	27.8	14.4	12.2	17.2	3.2	2.8	239	82	1.10	0.48	1.76	0.016	24	15.8	24.0		
5/29/17	69.37	69.37	0.00	75	75	7.1	6.7	9.5	0.1	192	13	7.4	120	75	8	27.7	14.2	11.9	18.0	3.9	3.2	281	71	1.08	0.48	1.50	0.016	2	22.0	24.0		
5/30/17	72.19	72.19	0.00	73	73	6.9	6.7	19.0	0.1	417	18	8.6	297	143	13	27.9	13.1	11.1	17.3	3.9	3.3	263	67	0.96	0.42	1.36	0.016	10	26.0	24.0		
5/31/17	74.64	74.64	0.00	75	75	6.9	6.5	14.8	0.4	408	14	5.6	271	207	11	27.1	13.1	11.0	10.1	3.9	3.3	268	68	1.03	0.33	1.71	0.016	112	18.9	12.3		
Sum	3218.3	2886.3	332.0												859.8								31.986	12.755					565.6			
Average	103.8	93.1	27.7	70.2	70.2	7.0	6.5	13.3	0.6	357.8	40.2	6.1	289.4	189.4	26.6	27.7	16.2	13.5	12.2	4.2	3.6	229.6	62.3	1.0	0.4	3.1	0.0	37.9	13.9			

SEWER CONNECTIONS 147515 TIMES 4 = 590060 SEWER POPULATION IND. WASTER POPULATION EQ  
 CUSTOMERS 374  
 FLOW 418636  
 BOD 915697  
 TSS 898957

Authorized Agent



Certification No. 5691

MORRIS FORMAN WASTEWATER TREATMENT PLANT      JEFFERSON COUNTY, KY

Month of May-17

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C

Average Flow (MGD)	103.80	25.81	27.59	10.96
Tanks in Service	4.00	6.4	6.9	3.0
Surface Area (Ft.2)	77000.00	55245.95	59950.86	25778.98
Volume (MG)	8.33	5.66	6.14	2.64
Weir Length (Ft.)	2860.00	2289.67	2484.67	1068.41
Avg. Weir Overflow (GPD/Ft)	37032.55	11271.45	11103.33	10260.22
Avg. Settling Rate (GPD/Ft2)	1375.49	666.26	645.68	641.08
Avg. Detention Time	1.89	5.26	5.34	5.78

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

Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	36.81	38.71	16.53
Avg. Detention Time (Hours)	3.91	3.65	4.60

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.09

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	08717	3726 FINCASTLE RD		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2727376		05/05/2017	LOGAN JR	MITCHELL	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/05/17 02:45 PM	

**Discharge Reporting:**

Discharge Amount:	3,600 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2727512
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

**Notifications:**

5/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/2/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2726804		05/05/2017	LOGAN JR	MITCHELL	DOCUMENTED	11/29/2001	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/06/17 01:41 AM	

**Discharge Reporting:**

Discharge Amount:	1,697,213 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

**Notifications:**

5/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/2/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'



Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 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	2726777		05/04/2017	LOGAN JR	MITCHELL	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/05/17 09:30 PM	

**Discharge Reporting:**

Discharge Amount:	48,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2727557
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

**Notifications:**

5/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/2/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 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	21425	310 BRUNSWICK RD		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2727751		05/07/2017	ANDERSON IV	SANSUP-SEC ON	REPAIRED - ISSUE RESOLVED	05/07/2017	OBSTRUCTION-N OT GREASE / ROOTS	UNAUTHORIZED DISCHAGE - WATERS	05/07/17 06:30 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	60 GAL
Cause:	OBSTRUCTION IN MAIN SEWER
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE
Repair:	FLUSHED OBSTRUCTION FROM THE MAIN SEWER
Public Notification:	ADVISED CUSTOMER ON SITE

**Notifications:**

5/6/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
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Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 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	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	2727374		05/05/2017	LOGAN JR	MITCHELL	DOCUMENTED	01/03/2005	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/05/17 02:04 PM	

**Discharge Reporting:**

Discharge Amount:	9,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2727511
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

**Notifications:**

5/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/2/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2726814		05/05/2017	LOGAN JR	MITCHELL	DOCUMENTED	01/26/2012	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/05/17 01:55 PM	

**Discharge Reporting:**

Discharge Amount:	7,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2727507
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

**Notifications:**

5/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/2/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2726811		05/05/2017	LOGAN JR	MITCHELL	DOCUMENTED	05/10/2014	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/06/17 10:35 AM	

**Discharge Reporting:**

Discharge Amount:	216,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2727559
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

**Notifications:**

5/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/2/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	45835	1132 ROSTREVOR CIR		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2726810		05/05/2017	LOGAN JR	MITCHELL	DOCUMENTED	09/02/2003	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/06/17 10:25 AM	

**Discharge Reporting:**

Discharge Amount:	43,200 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2727558
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

**Notifications:**

5/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/2/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2726815		05/05/2017	LOGAN JR	MITCHELL	DOCUMENTED	02/06/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/06/17 11:05 AM	

**Discharge Reporting:**

Discharge Amount:	144,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2727560
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

**Notifications:**

5/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/2/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 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	51594	1418 TREVILIAN WAY		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	2726830		05/05/2017	LOGAN JR	MITCHELL	DOCUMENTED	09/12/2006	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/05/17 02:27 PM	

**Discharge Reporting:**

Discharge Amount:	21,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2727510
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

**Notifications:**

5/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/2/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'



Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	72289	1700 SULGRAVE RD		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2726812		05/05/2017	LOGAN JR	MITCHELL	DOCUMENTED	05/29/2012	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	05/05/17 01:55 PM	

**Discharge Reporting:**

Discharge Amount:	37,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	WO# 2727506
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS PLACED.
Impact:	LIGHT DEBRIS OBSERVED.
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	PUBLIC WAS NOTIFIED THROUGH DOOR HANGERS AND/OR TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE.

**Notifications:**

5/2/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/2/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 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	CSO151	1316 CASTLEWOOD DELL		SOUTH FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	2728688		05/09/2017	DODDS	DODDS	REPAIRED - ISSUE RESOLVED	05/17/2017	OBSTRUCTION-N OT GREASE / ROOTS	UNAUTHORIZED DISCHAGE - WATERS	05/09/17 02:24 PM	

**Discharge Reporting:**

Discharge Amount:	25,400 GAL
Cause:	MSD CONTRACTOR CREW WORKING TO REPAIR OBSTRUCTION IN CSO151 IDENTIFIED OVERFLOW WHILE REMOVING MATERIAL FROM CSO CHAMBER.
Clean Up:	NO CLEANUP PERFORMED - DISCHARGE DIRECTLY TO CREEK.
Control Zone:	PERMANENT SIGNAGE IN PLACE.
Impact:	MOSTLY CLEAR WATER DISCHARGING TO CREEK.
Repair:	SET PUMP TO PUMP CHAMBER BACK TO SANITARY SEWER
Public Notification:	POSTED DRY WEATHER ADVISORY TO WEBSITE.

**Notifications:**

5/8/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/8/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 05/01/2017 00:00 thru 05/31/2017 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 (Cont'd)	MSD0278	MORRIS FORMAN			OHIO RIVER			WEST			
<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>
: DISDWDRY WEATHER DISCHARGE	2731895		5/15/2017 10:30:00AM	MITCHELL	BROWN	REPAIRED - ISSUE RESOLVED	05/17/2017	STRUCTURAL FAILURE	UNAUTHORIZED DISCHAGE - WATERS	05/17/17 03:45 PM	

**Discharge Reporting:**

Discharge Amount:	15,975 GAL
Cause:	POSSIBLY DUE TO MSD CONTRACTOR REMOVING HEAVY DEBRIS FROM DOWN STREAM SANITARY LINE.
Clean Up:	MSD CONTRACTORS CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PERMANENT SIGNAGE PLACE
Impact:	MURKY WATER DISCHARGING TO THE IMPROVED CHANNEL
Repair:	MSD CONTRACTORS CONTINUE TO WORKING ON THE DOWN STREAM LINE.
Public Notification:	POSTED DRY WEATHER ADVISOR TO WEBSITE

**Notifications:**

5/10/17 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
5/10/17 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Total Facilities Printed: 12

Total Work Orders Printed: 13