



700 West Liberty Street
Louisville Kentucky 40203-1911
502-540-6000
www.msdlouky.org

September 15, 2011

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 operating report and the monthly Discharge Monitoring Report (DMR) for the reporting period August 1st to August 31st are enclosed. All permit requirements were met for the month of August, 2011.

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 style with a large, sweeping initial "A".

Alex E. Novak, P.E.
Director of Operations

paw

MFDMR0811.doc

Enclosures

cc: C. Roth, DOW-Louisville A. Vicory, ORSANCO



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved.
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME MSD MORRIS FORMAN WQTC
ADDRESS C/O LOUISVILLE/JEFF CO MSD
4522 ALGONQUIN PKWY
LOUISVILLE, KY 40211-2497
FACILITY MSD MORRIS FORM WQTC
LOCATION LOUISVILLE, KY 40211

KY0022411	001 1
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR (SUBR LV)
F - FINAL JEFFE
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE ***

MONITORING PERIOD					
YEAR	MONTH	DAY	YEAR	MONTH	DAY
11	08	01	11	08	31

ATTN: ALEX E NOVAK, OPER DIR

Parameter		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	****	4.6	*****	*****	(19)	0	31/31	GRAB
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	2.0 INST. MIN	*****	*****	MG/L		DAILY	GRAB
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	10,572	12,270	(26)	*****	15	18	(19)	0	31/31	COMPOS
00310 E 0 0 SEC/BIOLOGICAL COMPLIANCE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	30 MO AVG	45 MX WK AV	MG/L		DAILY	COMPOS
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	241,653	260,574	(26)	*****	337	413	(19)	0	31/31	COMPOS
00310 G 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		DAILY	COMPOS
PH	SAMPLE MEASUREMENT	*****	*****	****	6.4	*****	6.7	(12)	0	31/31	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	8,472	9,296	(26)	*****	12	14	(19)	0	31/31	COMPOS
00530 E 0 0 SEC/BIOLOGICAL COMPLIANCE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	30 MO AVG	45 MX WK AV	MG/L		DAILY	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	319,280	423,936	(26)	*****	425	492	(19)	0	31/31	COMPOS
00530 G 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		DAILY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	7,209	10,290	(26)	*****	10.4	14.6	(19)	0	31/31	COMPOS
00610 E 0 0 SEC/BIOLOGICAL COMPLIANCE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	20 MO AVG	30 MX WK AV	MG/L		DAILY	COMPOS
NAME/TITLE	PRINCIPLE EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						Telephone		DATE	
H. J. SCHARDEIN, JR. EXECUTIVE DIRECTOR								502 540-6000		11-09-13	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						AREA	NUMBER	YEAR - MO - DAY	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

G - INFLUENT
E - SECONDARY EFFLUENT
1 - FINAL EFFLUENT

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved.
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME MSD MORRIS FORMAN WQTC
ADDRESS C/O LOUISVILLE/JEFF CO MSD
4522 ALGONQUIN PKWY
LOUISVILLE, KY 40211-2497
FACILITY MSD MORRIS FORM WQTC
LOCATION LOUISVILLE, KY 40211

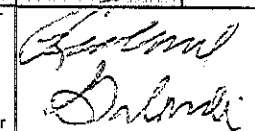
KY0022411	001 1
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR (SUBR LV)
F - FINAL JEFFE
MUNICIPAL DISCHARGE EFFLUENT
*** NO DISCHARGE ***

MONITORING PERIOD						
YEAR	MONTH	DAY	TO	YEAR	MONTH	DAY
11	08	01		11	08	31

ATTN: ALEX E NOVAK, OPER DIR

Parameter		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
NITROGEN, AMMONIA TOTAL (AS N) 00610 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	9719	9957	(26)	*****	14.0	15.9	(19)	0	31/31	COMPOS
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		DAILY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 E 0 0 SEC/BIOLOGICAL COMPL	SAMPLE MEASUREMENT	85.5	207.1	(03)	*****	*****	*****	****	0	31/31	CONTIN
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	CONTIN
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.010	(19)	0	31/31	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.019 DAILY MX	MG/L		DAILY	GRAB
COLIFORM, FECAL GENERAL 74055 1 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	102	190	(13)	0	31/31	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	200 30DA GEO	400 7 DA GEO	#/ 100ML		DAILY	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	****	96	*****	*****	(23)	0	31/31	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	85 MO MIN	*****	*****	PERCENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	****	98	*****	*****	(23)	0	ONCE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	85 MO MIN	*****	*****	PERCENT		ONCE/MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	Telephone	DATE
H. J. SCHARDEIN, JR. EXECUTIVE DIRECTOR			502 540-6000	11-09-13

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
G - INFLUENT
E - SECONDARY EFFLUENT
F - SECONDARY BYPASS AFTER PRIMARY TREATMENT.

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

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OMB No. 2040-0004

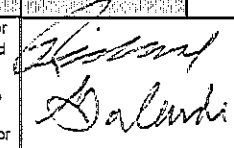
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ADDRESS C/O LOUISVILLE/JEFF CO MSD
4522 ALGONQUIN PKWY
LOUISVILLE, KY 40211-2497
FACILITY MSD MORRIS FORM WQTC
LOCATION LOUISVILLE, KY 40211

KY0022411	001 B
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR (SUBR LV)
F - FINAL JEFFE
SECONDARY BYPASS
EFFLUENT
*** NO DISCHARGE ***

MONITORING PERIOD						
YEAR	MONTH	DAY	TO	YEAR	MONTH	DAY
11	08	01		11	08	31

ATTN: ALEX E NOVAK, OPER DIR

Parameter		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 F 0 0 PRI/PRLM PRCS CMPLT	SAMPLE MEASUREMENT	*****	*****	****	*****	193	283	(19)	0	08/31	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WHEN DISCHG	COMPOS
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	20	43	(19)	0	08/31	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WHEN DISCHG	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 F 0 0 PRI/PRLM PRCS CMPLT	SAMPLE MEASUREMENT	*****	*****	****	*****	158	260	(19)	0	08/31	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WHEN DISCHG	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	30	73	(19)	0	08/31	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WHEN DISCHG	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 F 0 0 PRI/PRLM PRCS CMPLT	SAMPLE MEASUREMENT	*****	*****	****	*****	15.5	20.0	(19)	0	08/31	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WHEN DISCHG	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	8.7	12.0	(19)	0	08/31	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WHEN DISCHG	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 F 0 0 PRI/PRLM PRCS CMPLT	SAMPLE MEASUREMENT	17.15	54.50	(03)	*****	*****	*****	****	0	08/31	CONTIN
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	MGD	*****	*****	*****	****		WHEN DISCHG	CONTIN
NAME/TITLE PRINCIPLE EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								Telephone	DATE	
H. J. SCHARDEIN, JR. EXECUTIVE DIRECTOR	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT								502	540-6000	11-09-13
									AREA	NUMBER	YEAR - MO - DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.
1 - FINAL EFFLUENT
F - SECONDARY BYPASS AFTER PRIMARY TREATMENT.

DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		pH		SETS (M/L)		TSS (mg/L)		TS (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	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
	Effluent	Effluent	Bypass																													
8/1	78.5	78.5	0.0	79	79	7.4	6.7	15.5	0.1	428	15			6.3	277	175	9	25.0	15.2	12.2	11.7	4.3	3.6	272	62	1.21	0.35	1.11	0.010	9	15	0.00
8/2	78.9	78.9	0.0	80	80	7.3	6.6	8.0	0.1	272	15			6.5	241	187	10	25.6	13.8	10.9	12.1	4.2	3.4	243	58	1.10	0.35	1.85	0.010	9	17	0.00
8/3	83.5	83.5	0.0	82	82	7.3	6.6	15.0	0.2	420	17			6.4	428	241	13	24.8	9.6	7.2	8.7	3.0	2.2	219	71	0.95	0.27	2.17	0.010	330	18	0.00
8/4	77.9	77.9	0.0	81	81	7.0	6.7	10.0	0.3	306	26			5.8	347	246	25	24.8	7.6	5.6	3.6	3.3	2.4	280	86	0.94	0.35	2.00	0.010	196	18	0.00
8/5	80.7	80.7	0.0	81	81	7.2	6.7	18.0	0.1	518	29			5.2	443	259	25	24.5	13.6	10.9	3.1	3.6	3.0	208	58	0.92	0.29	2.23	0.010	38	17	0.00
8/6	78.2	78.2	0.0	80	80	7.5	6.6	19.0	0.1	528	20			5.2	387	237	16	24.1	13.4	10.8	6.3	3.8	3.2	237	62	0.89	0.21	2.22	0.010	7400	15	0.00
8/7	188.1	133.6	54.5	80	80	7.1	6.5	8.0	1.5	488	73			6.3	143	149	43	25.1	16.2	12.9	8.3	3.9	3.2	208	53	0.95	0.23	7.41	0.010	6000	10	0.00
8/8	150.7	119.4	31.3	79	79	7.1	6.6	7.5	0.1	272	30			7.1	170	122	18	25.0	14.4	11.3	11.2	3.8	3.0	204	53	1.08	0.26	5.92	0.010	590	7	0.00
8/9	96.5	96.5	0.0	80	80	7.5	6.6	19.0	0.1	524	17			7.1	345	192	8	24.4	13.5	10.6	9.5	3.3	2.7	187	55	1.00	0.36	3.03	0.010	1200	8	0.00
8/10	116.4	106.9	9.5	79	79	7.3	6.6	15.0	0.1	130	19			6.1	225	242	14	25.1	10.5	7.7	6.4	3.1	2.2	184	59	0.82	0.12	5.22	0.010	58	6	0.00
8/11	86.9	85.6	1.3	79	79	8.8	6.7	13.0	0.1	1080	18			6.0	472	256	19	25.1	8.2	5.9	8.1	2.9	2.1	242	87	0.81	0.23	2.75	0.010	590	10	0.00
8/12	88.0	87.8	0.2	79	79	7.1	6.6	7.5	0.1	428	20			5.1	263	187	11	24.9	15.0	11.8	8.0	3.9	3.1	224	57	0.92	0.29	3.23	0.010	4	10	0.00
8/13	114.2	91.7	22.5	79	79	7.4	6.5	8.5	0.1	412	32			5.9	244	203	26	24.0	14.1	11.2	7.4	3.9	3.2	231	59	0.95	0.28	6.32	0.010	33	9	0.00
8/14	118.4	105.0	13.4	76	76	7.7	6.4	9.5	0.1	596	17			7.8	247	100	5	24.7	15.1	11.8	15.2	3.1	2.6	190	61	0.92	0.25	6.65	0.010	46	5	0.00
8/15	88.1	88.1	0.0	77	77	7.4	6.6	2.0	0.1	154	25			6.2	194	190	10	24.9	13.8	10.7	10.2	3.4	2.8	201	59	1.04	0.22	3.86	0.010	92	7	0.00
8/16	85.6	85.6	0.0	78	78	7.2	6.6	10.0	0.1	400	28			5.7	374	204	15	24.7	12.0	9.5	8.6	3.5	2.8	191	55	0.88	0.28	3.46	0.010	78	9	0.00
8/17	83.8	83.6	0.0	78	78	7.2	6.8	11.0	0.1	520	35			6.5	372	188	9	24.8	8.8	6.6	5.2	2.8	2.1	190	68	0.89	0.33	3.05	0.010	66	8	0.00
8/18	106.8	102.3	4.5	79	79	7.0	6.6	16.0	0.1	580	30			4.6	459	263	24	23.4	10.6	8.0	5.9	2.8	2.0	218	78	0.84	0.22	4.19	0.010	178	12	0.00
8/19	88.7	88.7	0.0	79	79	7.2	6.6	11.0	0.1	326	22			4.6	339	269	20	24.8	10.0	7.7	3.4	3.1	2.3	223	73	0.79	0.25	3.38	0.010	100	9	0.00
8/20	78.8	78.3	0.0	79	79	7.5	6.7	7.5	0.1	222	24			4.9	250	190	18	25.0	10.8	9.0	3.8	3.5	3.0	314	88	0.92	0.28	2.02	0.010	74	13	0.00
8/21	76.1	76.1	0.0	80	80	7.3	6.6	9.0	0.1	236	19			5.8	211	122	11	24.8	12.7	10.5	13.9	3.6	3.0	277	77	1.09	0.33	2.35	0.010	17	11	0.00
8/22	73.9	73.9	0.0	80	80	7.4	6.6	8.0	0.1	220	22			5.9	261	200	17	24.6	11.0	9.0	9.6	3.3	2.8	260	80	1.07	0.25	3.12	0.010	52	11	0.00
8/23	77.1	77.1	0.0	79	79	7.2	6.6	17.0	0.1	580	21			5.6	455	248	15	24.7	10.3	8.6	8.1	3.4	2.9	228	68	0.99	0.14	3.58	0.010	108	9	0.00
8/24	81.6	81.6	0.0	80	80	7.0	6.6	20.0	2.5	582	63			7.7	542	363	30	25.0	6.9	4.8	5.9	5.9	4.8	247	47	0.96	0.17	3.74	0.010	2250	9	0.00
8/25	75.8	75.8	0.0	80	80	7.2	6.6	20.0	0.2	532	24			6.1	492	346	17	24.7	9.2	7.4	4.0	3.0	2.4	216	75	0.93	0.16	3.09	0.010	48	10	0.00
8/26	75.4	75.4	0.0	81	81	7.2	6.7	17.0	0.3	520	38			5.3	430	336	31	23.8	12.7	10.6	3.6	3.8	3.2	209	56	1.02	0.20	2.54	0.010	66	13	0.00
8/27	71.9	71.9	0.0	81	81	7.2	6.7	13.5	0.5	360	40			5.9	386	298	26	23.5	12.1	10.2	6.7	3.4	2.9	212	62	1.03	0.23	2.53	0.010	60	12	0.00
8/28	70.1	70.1	0.0	80	80	7.3	6.5	9.5	0.8	304	37			5.9	323	224	20	23.9	11.9	10.1	7.9	3.8	3.3	238	62	0.93	0.30	2.37	0.010	109	14	0.00
8/29	71.1	71.1	0.0	79	79	7.5	6.7	14.0	0.3	428	22			5.6	321	229	17	24.0	10.9	9.2	8.0	4.2	3.5	267	63	0.99	0.33	2.63	0.010	42	13	0.00
8/30	71.8	71.8	0.0	79	79	7.4	6.7	16.0	0.5	376	21			6.6	368	244	15	24.1	12.4	10.5	7.3	4.0	3.4	272	68	1.06	0.19	2.40	0.010	78	14	0.00
8/31	73.5	73.5	0.0	80	80	7.2	6.6	13.0	0.2	436	29			5.5	441	357	30	24.0	9.7	7.5	2.7	3.0	2.2	271	94	1.12	0.27	2.33	0.010	14	19	0.00
Total	2786.8	2649.6	137.2															781.6								30.110	7.970					0.00
Average	89.9	85.5	4.4	79	79	7.3	6.6	12.5	0.3	425	27			6.0	337	229	18	24.6	11.8	9.4	7.6	3.6	2.9	231	68	0.97	0.26	3.31	0.010	102	12	0.00

SEWER CONNECTIONS

135008 TIMES 4 = 540032 SEWER POPULATION

IND. WASTER POPULATION EQ

CUSTOMERS 578
 FLOW 316128
 BOD 946842
 TSS 977412

REGIONAL MGR.

Certification No. 8174

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Aug-11

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	83.7	39.90	39.06	18.29
Tanks in Service	3.13	8.00	8.00	4.00
Surface Area (Ft.2)	60252.50	69200.00	69200.00	34600.00
Volume (MG)	6.52	7.09	7.09	3.54
Weir Length (Ft.)	2237.95	2868.00	2868.00	1434.00
Avg. Weir Overflow (GPD/Ft)	37393.27	13910.70	13619.74	12757.10
Avg. Settling Rate (GPD/Ft2)	1388.89	725.95	721.96	621.20
Avg. Detention Time	1.87	4.26	4.36	4.65

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	50.24	49.96	21.49
Avg. Detention Time (Hours)	2.01	2.02	2.34

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.00
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	0.67

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID 08935-SM	Facility Address 1001 BRECKENRIDGE LN	If Pump Station, Name of Pump Station:	Receiving Stream MIDDLE FORK BEARGRASS CREEK	Discharge to STREAM
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1312716	08/07/11 04:57 AM	GRIFFITH	GRIFFITH	DOCUMENTED	11/29/01	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/07/11 05:10 AM	

Spot Inspections:

Discharge Amount:	1,147 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	CLEANUP NOT POSSIBLE, DISCHARGE PIPE SUBMERGED
Control Zone:	NONE NEEDED-MSD PROPERTY
Impact:	PIPE SUBMERGED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:26 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/07/11 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID 104231	Facility Address 4119 LEE AVE	If Pump Station, Name of Pump Station:	Receiving Stream CAMP TAYLOR DITCH	Discharge to GROUND
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1312705	08/07/11 05:48 AM	MITCHELL	GRIFFITH	DOCUMENTED	10/23/07	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/01/11 01:24 PM	

Spot Inspections:

Discharge Amount	18,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1312754
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:03 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/07/11 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID 13943	Facility Address 4119 LEE AVE	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	Discharge to GROUND
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1312711	08/07/11 05:30 AM	MITCHELL	GRIFFITH	DOCUMENTED	03/19/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/02/11 08:46 AM	

Spot Inspections:

Discharge Amount	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1312752
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:10 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/07/11 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



IMSAST0004

Overflow Report

Initiated Aug 01, 2011 12:00 AM thru Aug 31, 2011 11:59 PM

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID 16649	Facility Address 1726 FRASER DR	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	Discharge to DITCH
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1312712	08/07/11 05:02 AM	MITCHELL	GRIFFITH	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/07/11 10:00 AM	

Spot Inspections:

Discharge Amount:	33,386 GAL
Cause:	LACK OF CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1315899
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:15 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/07/11 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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<u>Activity Code / Description</u>	<u>WO #</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	1321401	08/13/11 05:30 PM	GRIFFITH	GRIFFITH	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/13/11 05:45 PM	

Spot Inspections:

Discharge Amount:	2,625 GAL
Cause:	LACK OF SYSTEM CAPACITY -HEAVY RAIN
Clean Up:	DISCLN WO# 1321404
Control Zone:	PERMANENT SIGNS AND DOOR HANGERS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/15/11 01:36 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/16/11 08:33 AM	DISNOT	Manual email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Metropolitan Sewer District

IMSAST0004

Overflow Report

Initiated Aug 01, 2011 12:00 AM thru Aug 31, 2011 11:59 PM

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID 51594	Facility Address 1418 TREVILIAN WAY	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	Discharge to DITCH
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1312708	08/07/11 05:30 AM	MITCHELL	GRIFFITH	DOCUMENTED	09/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/07/11 10:10 AM	

Spot Inspections:

Discharge Amount:	4,800 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1312753
Control Zone:	CAUTION TAPE PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:07 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/07/11 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID 72267	Facility Address 2501 ALEXANDER RD	If Pump Station, Name of Pump Station:	Receiving Stream MIDDLE FORK BEARGRASS CREEK	Discharge to GROUND
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1324054	08/20/11 12:00 PM	MARCONI	KIMBROUGH	REPAIRED - ISSUE RESOLVED	08/20/11	OBSTRUCTION-NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE-WATER S	08/20/11 05:40 PM	MAIN

Spot Inspections:

Discharge Amount:	7,000 GAL
Cause:	OBSTRUCTION IN DOWNSTREAM SEWER
Clean Up:	DIRECTLY INTO CREEK WILL NOT BE ABLE TO CLEAN
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA AND TAPE
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE
Repair:	BOLT DOWN FRAME AND LID INSTALLED WO1324047

Notifications:

08/20/11 12:00 PM	DISPUB	PLACED SIGNS IN THE AREA
08/20/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Initiated Aug 01, 2011 12:00 AM thru Aug 31, 2011 11:59 PM

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID CSO113	Facility Address 1215 ELLISON AVE	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	Discharge to STREAM
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1322426	08/17/11 12:08 PM	BRIGHT	BRIGHT	REPAIRED - ISSUE RESOLVED	08/17/11	OBSTRUCTION-NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE-WATER S	08/17/11 12:30 PM	MAIN

Spot Inspections:

Discharge Amount:	22 GAL
Cause:	OBSTRUCTION IN MAIN SEWER
Clean Up:	NO CLEAN UP PERFORMED- PIPE DISCHARGES DIRECTLY INTO STREAM
Control Zone:	NO CONTROL ZONE WAS SET UP. PIPE DISCHARGES DIRECTLY INTO STREAM AND THERE ARE PERMANENT SIGNS IN PLACE THROUGHOUT CHANNEL.
Impact:	SEWAGE/WATER DISCHARGING FROM OVERFLOW PIPE/FLAPGATE
Repair:	FLUSHED/ACTORED THE OBSTRUCTION/DEBRIS FROM SEWER

Notifications:

08/17/11 12:08 PM	DISPUB	PERMANENT SIGNS ALONG THIS PORTION OF CHANNEL ALREADY IN PLACE
08/17/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID CSO146	Facility Address 984 SWAN ST	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	Discharge to STREAM
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1320617	08/11/11 08:15 PM	FRENCH	FRENCH	REPAIRED - ISSUE RESOLVED	08/11/11	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATER S	08/12/11 03:15 AM	

Spot Inspections:

Discharge Amount	551,760 GAL
Cause:	LWC WATER MAIN BREAK AT EASTERN PKY & CRITTENDEN DR CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW
Clean Up:	NO CLEANUP REQUIRED
Control Zone:	PERMANENT SIGNS POSTED AT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG BEARGRASS CREEK
Impact:	MSD PERSONNEL CHECKED OVERFLOW SITE, NO IMPACT OBSERVED
Repair:	LWC REPAIRING WATER MAIN

Notifications:

08/12/11 12:44 PM	DISPUB	Public notified to avoid contact with Beargrass Creek through Overflow Advisory posted on the MSD website.
08/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Initiated Aug 01, 2011 12:00 AM thru Aug 31, 2011 11:59 PM

Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID CSO174	Facility Address 933 GOSS AVE	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	Discharge to STREAM
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1320616	08/11/11 08:00 PM	FRENCH	FRENCH	REPAIRED - ISSUE RESOLVED	08/11/11	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATER S	08/11/11 09:15 PM	

Spot Inspections:

Discharge Amount:	133,708 GAL
Cause:	LWC WATER MAIN BREAK AT EASTERN PKY & CRITTENDEN DR CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW
Clean Up:	NO CLEANUP REQUIRED
Control Zone:	PERMANENT SIGNS POSTED AT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG BEARGRASS CREEK
Impact:	MSD PERSONNEL CHECKED OVERFLOW SITE, NO IMPACT OBSERVED
Repair:	LWC REPAIRING WATER MAIN

Notifications:

08/12/11 12:45 PM	DISPUB	Public notified to avoid contact with Beargrass Creek through Overflow Advisory posted on the MSD website.
08/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SSL Sewer Service Line	Facility ID KK14815019	Facility Address 4108 LEE AVE	If Pump Station, Name of Pump Station:	Receiving Stream CAMP TAYLOR DITCH	Discharge to GROUND
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1312715	08/07/11 05:47 AM	MITCHELL	GRIFFITH	DOCUMENTED	07/29/09	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/07/11 10:17 AM	

Spot Inspections:

Discharge Amount	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:23 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SLS Sewer Lift Station	Facility ID MSD0123-PS	Facility Address 6600 SEMINARY WOODS PL	If Pump Station, Name of Pump Station: WEST GOOSE CREEK	Receiving Stream GOOSE CREEK	Discharge to DITCH
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1311582	08/03/11 10:43 AM	SINGLETON	BROOKS	DOCUMENTED	09/28/02	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE-WATER S	08/03/11 10:46 AM	

Spot Inspections:

Discharge Amount:	2,100 GAL
Cause:	ELECTRICAL ISSUES WITH THE PHASE MONITOR
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACE AROUND THE IMPACTED AREA
Impact:	MINIMUM AMOUNT OF SOLIDS AND DEBRIS OBSERVED AT PUMP STATION
Repair:	MSD CREW REPAIRING THE PHASE MONITOR

Notifications:

08/03/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/14/11 10:55 AM	DISPUB	Public notification was made with the use of temporary signs.



Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, 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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0278	4522 ALGONQUIN PKY		OHIO RIVER	STREAM

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1320542	08/11/11 11:03 PM	FRENCH	GALARDI	REPAIRED - ISSUE RESOLVED	08/11/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	08/12/11 12:16 AM	

Spot Inspections:

Discharge Amount:	1,500,000 GAL
Cause:	LWC WATER MAIN BREAK AT EASTERN PKY & CRITTENDEN DR CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW, REQUIRING MFWQTC TO BYPASS SECONDARY
Clean Up:	NO CLEANUP REQUIRED, TOTAL BYPASSED FLOW RECEIVED PRELIMINARY, PRIMARY, DISINFECTION AND DECHLORINATION AS PART OF THE TREATMENT PROCESS
Control Zone:	PERMANENT SIGNS POSTED AT THE EFFLUENT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG THE OHIO RIVER
Impact:	VISUAL IMPACT NOT OBSERVED, PIPE DISCHARGE SUBMERGED
Repair:	LWC REPAIRING WATER MAIN

Notifications:

08/12/11 10:49 AM	DISPUB	Public notified to avoid contact with impacted river through Overflow Advisory posted on the MSD website.
08/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

Total Facilities Printed: 12
Total Work Orders Printed: 13