

MSD

Metropolitan Sewer District

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

December 16, 2013

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

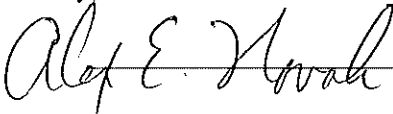
**Re: Morris Forman Water Quality Treatment Center
KPDES Permit No. KY0022411**

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 November 1st to November 30th are provided through NetDMR. All permit requirements were met for the month of November, 2013.

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

Sincerely,



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

vg



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

DMR Copy of Record

Permit					
Permit #:	KY0022411	Permittee:	MORRIS FORMAN WQTC MSD	Facility:	MORRIS FORMAN WQTC MSD
Major:	Yes	Permittee Address:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211	Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211
Permitted Feature:	001 External Outfall	Discharge:	001-1 MUNICIPAL DISCHARGE		

Report Dates & Status					
Monitoring Period:	From 11/01/13 to 11/30/13	DMR Due Date:	12/28/13	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:	Greg	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Heitzman				

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					=	5.1					19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.					>=	2 INST MIN				19 - mg/L	01/01 - Daily		GR - GRAB		
					Value NODI															
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	7890	=	9776	26 - lb/d		=	11	=	12	19 - mg/L	0	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	=	271557	=	404276	26 - lb/d		=	334	=	385	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					=	6.4			=	7.2	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	=	8299	=	11429	26 - lb/d		=	11	=	12	19 - mg/L	0	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	=	261246	=	318598	26 - lb/d		=	348	=	424	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	=	7007	=	8183	26 - lb/d		=	10.4	=	12.2	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	=	9169	=	9567	26 - lb/d		=	12.8	=	15.3	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	=	88.64	=	140.2	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									<	0.01	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.										<=	.019 DAILY MX		19 - mg/L	01/01 - Daily	GR - GRAB
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	2	--	Sample						=	141	=	313	13 - #/100mL	0	01/01 - Daily	GR - GRAB		
					Permit Req.						<=	1000 30DA GEO	<=	2000 7 DA GEO	13 - #/100mL		01/01 - Daily	GR - GRAB		
					Value NODI															
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	97				23 - %	0	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					=	97				23 - %	0	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
MFWQTCcoverletter1113.pdf	pdf	12881
MFWQTCMOR1113.pdf	pdf	38184
201311_MFWQTC_OverflowReport.pdf	pdf	162886

Report Last Saved By

MORRIS FORMAN WQTC MSD

User:	richgalardi	Date/Time:	2013-12-26 12:07 (Time Zone: -05:00)
Name:	Richard Galardi		
E-Mail:	rich.galardi@louisvillemsd.org		

DMR Copy of Record

Permit			
Permit #:	KY0022411	Permittee:	MORRIS FORMAN WQTC MSD
Major:	Yes	Permittee Address:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211
Permitted Feature:	001 External Outfall	Discharge:	001-B SECONDARY BYPASS
Facility:		Facility Location:	MORRIS FORMAN WQTC MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status			
Monitoring Period:	From 11/01/13 to 11/30/13	DMR Due Date:	12/28/13
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:	Greg	Title:	Executive Director
Last Name:	Heitzman	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						=	26		=	28	19 - mg/L	09/30 - Nine Per Month 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						=	175		=	178	19 - mg/L	09/30 - Nine Per Month 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						=	29		=	30	19 - mg/L	09/30 - Nine Per Month 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						=	142		=	143	19 - mg/L	09/30 - Nine Per Month 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						=	9.1		=	9.3	19 - mg/L	09/30 - Nine Per Month 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		=	13.9	19 - mg/L	09/30 - Nine Per Month 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	=	23.67	=	29.17	03 - MGD						09/30 - Nine Per Month WH/DS - When Discharging	CN - CONTIN CN - CONTIN		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD									
					Value NODI														

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

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
MORRIS FORMAN WQTC MSD

User:	richgalardi	Date/Time:	2013-12-26 12:11 (Time Zone: -05:00)
Name:	Richard Galardi		
E-Mail:	rich.galardi@louisvillemsd.org		

DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		pH		SETS (ML)		TSS (mg/L)		TS (mg/L)		D.O. (mg/L)	5-DAY BOD (mg/L)			RETURN SLUDGE				AERATION BASIN				ACTIVE		CHLORINATION			FINAL EFFLUENT	
	Effluent	Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	raw	final	final	raw	final	final	MG	TSS	TVSS	D.O.	MLSS	MLVSS	SET	SVI	Sludge Wasted	Primary Sludge	Chlorine Dosage	Resid	Fecal Coliform	NH3-N	Pump
11/1	164.64	132.96	31.68	69	69	7.2	6.4	11.5	0.4	352	47			5.9	344	190	26	27.7	16.1	13.8	8.5	3.3	2.8	274	85	0.93	0.36	1.92	0.010	2650	2	0.00
11/2	104.27	104.27	0.0	65	65	7.0	6.7	13.0	0.1	332	20			5.1	522	242	16	27.9	14.7	12.6	3.0	3.5	3.1	281	81	0.88	0.26	1.40	0.010	4000	2	0.00
11/3	82.96	82.96	0.0	65	65	7.2	6.7	11.0	0.1	256	15			5.5	224	172	8	24.9	17.3	14.9	7.5	4.4	3.6	280	64	0.94	0.24	1.17	0.010	640	2	0.00
11/4	87.7	87.7	0.0	65	65	7.4	6.4	16.0	0.1	350	9			7.3	325	180	7	19.1	14.2	11.7	14.7	3.6	2.6	327	92	1.05	0.17	1.24	0.010	17	8	0.00
11/5	79.17	79.17	0.0	67	67	7.1	7.0	15.5	0.1	378	11			6.0	350	176	8	19.6	12.7	10.8	14.5	4.5	3.6	349	78	0.96	0.12	1.06	0.010	16	14	0.00
11/6	92.34	88.1	4.24	69	69	7.2	6.7	18.0	0.1	354	16			5.8	332	215	19	19.3	12.3	10.4	13.8	5.2	4.5	340	73	1.05	0.33	1.23	0.010	58	14	0.00
11/7	96.1	94.0	2.1	65	65	7.1	6.8	14.0	0.1	330	19			7.5	287	128	18	20.3	14.4	11.9	14.0	4.0	3.0	336	65	1.07	0.38	1.32	0.010	310	9	0.00
11/8	73.48	73.48	0.0	61	61	7.0	6.8	20.0	0.1	458	13			8.8	317	174	13	17.9	13.7	11.5	15.5	3.2	2.7	320	101	1.15	0.38	1.27	0.010	39	14	0.00
11/9	71.28	71.28	0.0	61	61	7.0	6.8	25.0	0.1	396	10			5.9	441	219	14	20.4	11.0	9.8	13.9	2.2	2.1	36	159	1.19	0.36	1.03	0.010	88	12	0.00
11/10	63.83	63.83	0.0	67	67	7.0	6.7	13.0	0.1	308	14			5.5	269	187	12	22.3	13.1	11.0	14.4	4.3	3.4	356	86	1.16	0.33	1.22	0.010	192	9	0.00
11/11	65.89	65.89	0.0	65	65	6.8	6.5	14.0	0.1	402	20			5.9	451	238	14	25.6	12.3	9.8	13.7	5.1	3.5	360	72	1.04	0.28	1.48	0.010	40	10	0.00
11/12	68.0	68.0	0.0	63	63	7.2	6.5	11.0	0.1	350	19			7.6	295	158	17	27.2	12.6	10.4	10.7	4.4	3.4	359	81	1.01	0.33	1.54	0.010	44	14	0.00
11/13	63.54	63.54	0.0	61	61	6.8	6.5	23.0	1.0	538	24			6.0	571	218	16	27.1	12.4	9.6	10.6	4.7	3.0	384	82	1.12	0.37	1.27	0.010	27	17	0.00
11/14	64.49	64.49	0.0	57	57	7.0	6.6	17.0	0.2	516	14			6.6	352	191	12	26.7	11.5	9.9	10.3	3.4	3.0	348	101	1.18	0.42	1.11	0.010	52	21	0.00
11/15	79.37	77.21	2.16	64	64	7.2	6.6	26.9	0.1	708	15			6.2	540	335	12	26.3	11.1	9.7	11.0	3.4	2.6	300	89	1.11	0.45	1.36	0.010	74	19	0.00
11/16	71.92	71.92	0.0	69	69	7.2	6.6	18.9	0.1	448	13			6.2	403	265	13	28.4	11.6	10.2	9.0	3.3	2.8	327	98	1.03	0.48	1.24	0.010	217	16	0.00
11/17	241.21	125.56	115.65	67	67	7.0	6.7	8.5	3.5	282	84			7.1	664	195	78	26.9	12.0	10.5	15.5	3.4	3.1	239	72	0.97	0.39	7.33	0.010	37800	9	0.00
11/18	185.09	140.2	44.89	64	64	7.3	6.9	5.5	0.2	202	28			9.8	146	88	26	26.6	16.3	13.3	19.5	2.8	2.1	189	68	0.97	0.27	4.68	0.010	250	4	0.00
11/19	148.86	139.56	9.3	58	58	7.0	6.5	6.5	0.1	182	19			8.1	172	120	22	26.9	12.8	10.4	14.6	2.6	2.1	173	68	0.90	0.29	2.37	0.010	104	6	0.00
11/20	122.66	122.39	0.27	61	61	7.0	6.6	8.0	0.1	214	16			8.3	206	132	15	26.9	13.6	11.0	14.8	3.1	2.4	199	66	0.89	0.29	1.89	0.010	83	9	0.00
11/21	117.62	114.91	2.71	63	63	7.1	6.7	11.0	0.2	172	16			6.8	250	170	14	26.5	13.8	11.3	13.8	2.9	2.4	184	65	0.83	0.30	1.85	0.010	224	9	0.00
11/22	105.22	105.22	0.0	65	65	7.4	6.8	15.0	0.1	356	14			5.6	419	206	12	26.8	13.1	11.3	10.8	2.9	2.5	203	74	0.81	0.30	1.63	0.010	184	8	0.00
11/23	89.86	89.86	0.0	61	61	7.4	7.1	5.5	0.1	188	13			7.0	193	157	12	27.0	12.8	10.8	12.3	2.5	2.0	216	90	0.82	0.34	1.31	0.010	390	11	0.00
11/24	79.03	79.03	0.0	56	56	7.4	6.8	10.0	0.1	324	11			7.1	337	223	9	26.4	11.3	10.2	11.9	2.8	2.5	226	81	0.91	0.42	1.42	0.010	60	11	0.00
11/25	83.86	83.86	0.0	59	59	7.3	7.1	11.0	0.1	306	13			6.2	280	184	8	27.0	11.5	9.3	14.7	3.8	2.3	224	60	0.92	0.40	1.50	0.010	88	9	0.00
11/26	85.18	85.18	0.0	60	60	7.3	6.9	11.0	0.1	350	14			6.9	342	166	12	26.8	10.7	8.6	13.1	3.5	2.6	239	69	0.94	0.39	1.37	0.010	40	16	0.00
11/27	80.18	80.18	0.0	60	60	7.2	7.0	13.0	0.1	388	16			6.5	326	157	12	26.5	9.3	7.5	12.1	3.3	2.4	257	78	0.94	0.37	1.23	0.010	104	17	0.00
11/28	70.73	70.73	0.0	59	59	7.2	6.9	9.9	0.1	274	23			5.4	205	128	15	26.8	11.7	9.2	10.2	4.0	2.2	276	70	0.96	0.40	1.09	0.010	500	18	0.00
11/29	65.04	65.04	0.0	60	60	7.5	7.0	14.0	0.1	344	15			9.1	207	86	8	26.7	9.8	6.9	18.4	4.5	2.6	256	57	1.02	0.45	0.97	0.010	40	19	0.00
11/30	88.41	68.41	0.0	61	61	7.5	7.2	14.0	0.1	378	16			10.1	262	86	9	26.2	8.3	5.6	19.2	4.8	2.4	258	55	1.04	0.47	0.75	0.010	58	22	0.00
Total	2871.9	2658.9	213.0															752.7								29.790	10.340					0.00
Average	95.7	88.6	7.1	63	63	7.2	6.8	13.7	0.3	348	19			6.9	334	179	16	25.1	12.6	10.5	12.9	3.6	2.8	271	79	0.99	0.34	1.68	0.010	141	12	0.00

SEWER CONNECTIONS

131359 TIMES 4 = 525436 SEWER POPULATION

IND. WASTER POPULATION EQ
 CUSTOMERS 374
 FLOW 386288
 BOD 1045057
 TSS 797114

Authorized Agent



Certification No. 4663

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Nov-13

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	97.13	32.72	24.64	11.71
Tanks in Service	4.00	8.0	8.0	4.0
Surface Area (Ft.2)	77000.00	69200.00	69200.00	34600.00
Volume (MG)	8.33	7.09	7.09	3.54
Weir Length (Ft.)	2860.00	2868.00	2868.00	1434.00
Avg. Weir Overflow (GPD/Ft)	33960.79	11408.46	8590.99	8162.49
Avg. Settling Rate (GPD/Ft2)	1261.40	608.25	523.46	456.54
Avg. Detention Time	2.06	5.20	6.90	7.27

AERATION TANKS

Battery A Battery B Battery C

Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	42.09	36.22	15.80
Avg. Detention Time (Hours)	3.08	4.09	4.31

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	0.86

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	00056-W	804 N ARBOR DR		MIDDLE FORK BEARGRASS CREEK	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISREV:RAIN EVENT DISCHARGE	2048658		11/1/13 12:31 am	SINGLETON	OPS ASHIFT	DOCUMENTED	12/15/2007	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE - WATERS	11/01/13 02:00 AM	

Discharge Reporting:

Discharge Amount:	1,335 GAL
Cause:	POWER FAIL
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	INSTALLED GENERATOR TO RESTORE POWER
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

Notifications:

11/1/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
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Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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>
DISREV:RAIN EVENT DISCHARGE	2060887		11/10/2013 1:05:00PM	OPS BSHIFT CENTRAL	MARKS JR	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 03:40 AM	

Discharge Reporting:

Discharge Amount:	8,750 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemad.org'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemad.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	00746	804 N ARBOR DR		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	2060889		11/10/13 1:05 pm	MARKS JR	OPS BSHIFT CENTRAL	DOCUMENTED	12/16/2000	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 03:40 AM	

Discharge Reporting:

Discharge Amount:	4,375 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	00817	806 PINE WAY		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	2060890		11/10/13 1:15 pm	MARKS JR	OPS BSHIFT CENTRAL	DOCUMENTED	12/05/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 01:15 AM	

Discharge Reporting:

Discharge Amount:	7,200 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	02935	7900 SHELBYVILLE RD		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	2061009		11/17/13 12:34 pm	FIELDS	GRIFFITH	DOCUMENTED	03/19/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/17/13 07:43 PM	

Discharge Reporting:

Discharge Amount:	13,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061327
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	2060934		11/17/13 9:28 am	MITCHELL	GRIFFITH	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 06:10 PM	

Discharge Reporting:

Discharge Amount:	249,600 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061073
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	2060923		11/17/13 9:13 am	FIELDS	GRIFFITH	DOCUMENTED	11/29/2001	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 11:26 AM	

Discharge Reporting:

Discharge Amount:	5,019,348 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NO CLEAN UP POSSIBLE - PIPE DISCHARGE SUBMERGED
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	105936	7713 WESTPORT RD		GOOSE 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	2060929		11/17/13 3:47 pm	FIELDS	GRIFFITH	DOCUMENTED	03/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/17/13 08:17 PM	

Discharge Reporting:

Discharge Amount:	32,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISLCN WO# 2061076
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	13943	4119 LEE AVE		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	2060984		11/17/13 9:24 am	MITCHELL	GRIFFITH	DOCUMENTED	03/19/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/17/13 11:35 PM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061388
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	13946	1600 BELMAR DR		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2061211		11/17/13 2:00 pm	MITCHELL	GRIFFITH	DOCUMENTED	10/30/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 01:12 AM	

Discharge Reporting:

Discharge Amount:	72,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061491
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

12/10/13 11:41 am	DISNOT	Manual email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemtd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
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Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	2060927		11/17/13 7:30 am	MITCHELL	GRIFFITH	DOCUMENTED	01/24/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 10:15 AM	

Discharge Reporting:

Discharge Amount:	72,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061372
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	23211	3302 TROUT CREEK DR		SOUTH 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	2060995		11/17/13 11:50 am	MITCHELL	GRIFFITH	DOCUMENTED	02/22/2000	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 09:36 AM	

Discharge Reporting:

Discharge Amount:	68,400 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061489
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	26752	3317 BROWNSBORO RD		MUDDY FORK BEARGRASS CREEK	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISREV:RAIN EVENT DISCHARGE	2060925		11/17/13 8:10 am	FIELDS	GRIFFITH	DOCUMENTED	04/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/17/13 07:30 PM	

Discharge Reporting:

Discharge Amount:	79,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061531
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	27005	1012 ALTA 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	2060917		11/17/13 11:55 am	SIVADO	GRIFFITH	DOCUMENTED	09/02/2003	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 06:28 AM	

Discharge Reporting:

Discharge Amount:	100,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061281
Control Zone:	PERMANENT SIGNS NEAR AREA
Impact:	NONE OBSERVED AREA FLOODED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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
SSL Sewer Service Line	34093540	3540 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	2061206		11/17/13 11:21 am	MITCHELL	GRIFFITH	DOCUMENTED	11/17/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 01:20 AM	

Discharge Reporting:

Discharge Amount:	5,700 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061493
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID CONTACT WITH DISCHARGE

Notifications:

11/18/13 10:30 am	DISSNO	Waiting to complete the discharge information
11/18/13 10:30 am	DISNOT	MANUAL NOTIFICATION SENT WITHIN 24 HOURS Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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
SSL Sewer Service Line	34093542	3542 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	2061204		11/17/13 11:22 am	MITCHELL	GRIFFITH	DOCUMENTED	11/17/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 09:26 AM	

Discharge Reporting:

Discharge Amount:	39,400 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061494
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE

Notifications:

11/18/13 10:30 am	DISNOT	MANUAL NOTIFICATION SENT WITHIN 24 HOURS Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemad.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/18/13 10:30 am	DISSNO	Waiting to complete the discharge information

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	36763	3530 FINCASTLE RD		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2060937		11/17/13 9:31 am	MITCHELL	GRIFFITH	DOCUMENTED	07/29/2009	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 01:18 AM	

Discharge Reporting:

Discharge Amount:	33,600 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061350
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemad.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemad.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	40880	2 RIO VISTA DR		MUDDY 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	2060965		11/17/13 5:24 pm	GREEN	OPS BSHIFT EAST	DOCUMENTED	01/27/2012	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 05:00 AM	

Discharge Reporting:

Discharge Amount:	62,250 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	43472	8409 SABERDEE DR		GOOSE 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	2060960		11/17/13 5:18 pm	GREEN	OPS BSHIFT EAST	DOCUMENTED	03/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 01:20 AM	

Discharge Reporting:

Discharge Amount:	6,700 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	45829	2002 MILLVALE 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	2060918		11/17/13 12:00 pm	FIELDS	GRIFFITH	DOCUMENTED	03/09/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/17/13 07:30 PM	

Discharge Reporting:

Discharge Amount:	9,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061284
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	2060920		11/17/13 12:05 pm	FIELDS	GRIFFITH	DOCUMENTED	09/02/2003	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 06:15 AM	

Discharge Reporting:

Discharge Amount:	92,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061290
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	47582	201 BULLITT 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	2061002		11/17/13 12:30 pm	FIELDS	GRIFFITH	DOCUMENTED	12/05/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 05:35 AM	

Discharge Reporting:

Discharge Amount:	120,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061495
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	2061003		11/17/13 12:30 pm	FIELDS	GRIFFITH	DOCUMENTED	02/06/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/17/13 07:45 PM	

Discharge Reporting:

Discharge Amount:	108,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061319
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	47593	8021 CHRISTIAN CT		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	2061030		11/17/13 12:50 pm	FIELDS	GRIFFITH	DOCUMENTED	03/19/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/17/13 07:52 PM	

Discharge Reporting:

Discharge Amount:	45,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061330
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	51160	3305 INDIAN CREEK CT		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2060992		11/17/13 12:16 pm	MITCHELL	GRIFFITH	DOCUMENTED	04/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 09:39 AM	

Discharge Reporting:

Discharge Amount:	199,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061393
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	2060941		11/17/13 10:32 am	MITCHELL	GRIFFITH	DOCUMENTED	09/12/2006	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/17/13 11:29 PM	

Discharge Reporting:

Discharge Amount:	12,600 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061382
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	65623	1804 ROUND RIDGE RD		MUDDY 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	2060999		11/17/13 2:16 pm	FIELDS	GRIFFITH	DOCUMENTED	06/23/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 07:06 AM	

Discharge Reporting:

Discharge Amount:	78,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061294
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	66349	3726 FINCASTLE RD		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2060932		11/17/13 9:27 am	MITCHELL	GRIFFITH	DOCUMENTED	03/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 01:18 AM	

Discharge Reporting:

Discharge Amount:	75,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061255
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	84155	7913 SHELBYVILLE 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	2061034		11/17/13 1:30 pm	FIELDS	GRIFFITH	DOCUMENTED	03/10/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/17/13 07:55 PM	

Discharge Reporting:

Discharge Amount:	19,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061079
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	90700	8021 CHRISTIAN CT		MIDDLE FORK BEARGRASS CREEK	CATCH BASIN

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2061028		11/17/13 12:43 pm	FIELDS	GRIFFITH	DOCUMENTED	03/19/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/17/13 07:49 PM	

Discharge Reporting:

Discharge Amount:	21,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061077
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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	99259	3536 FINCASTLE RD		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2060940		11/17/13 9:32 am	MITCHELL	GRIFFITH	DOCUMENTED	07/29/2009	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 01:19 AM	

Discharge Reporting:

Discharge Amount:	4,800 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061380
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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
SSL Sewer Service Line	BU05074039	3305 BENT CREEK CT		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2060997		11/17/13 12:06 pm	MITCHELL	GRIFFITH	DOCUMENTED	02/24/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	11/18/13 09:43 AM	

Discharge Reporting:

Discharge Amount:	75,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061490
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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
SSL Sewer Service Line	KK14815019	4108 LEE AVE		CAMP TAYLOR DITCH	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2060988		11/17/13 9:22 am	MITCHELL	GRIFFITH	DOCUMENTED	07/29/2009	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/17/13 06:31 PM	

Discharge Reporting:

Discharge Amount:	1,200 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2061391
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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
SLS Sewer Lift Station	MSD0040-PS	7404 ARROWWOOD RD	DEVONDALE	GOOSE 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	2060958		11/17/13 5:09 pm	GREEN	OPS BSHIFT EAST	DOCUMENTED	01/26/2012	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/18/13 01:40 AM	

Discharge Reporting:

Discharge Amount:	7,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemad.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemad.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 11/01/2013 00:00 thru 11/30/2013 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
SLS Sewer Lift Station	MSD0192-PS	4640 BARBOUR LN	BARBOUR LANE	LITTLE GOOSE 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	2060955		11/17/13 5:04 pm	GREEN	OPS BSHIFT EAST	DOCUMENTED	12/16/2000	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	11/17/13 04:34 PM	

Discharge Reporting:

Discharge Amount:	20,550 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

Notifications:

11/17/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
11/17/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Total Facilities Printed: 34

Total Work Orders Printed: 35