



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

June 23, 2015

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

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

Dear Ms. Edwards:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period May 1st to May 31st are provided through NetDMR. All permit requirements were met for the month of May, 2015.

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

Sincerely,

A handwritten signature in cursive script that reads "Alex E. Novak".

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

vgt



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 05/01/15 to 05/31/15	DMR Due Date:	06/28/15	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					=	3					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	=	11812	=	17248	26 - lb/d	=	20	=	30	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	=	293509	=	338431	26 - lb/d	=	490	=	565	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.2			=	7	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	=	18287	=	30193	26 - lb/d	=	30	=	44	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	=	324075	=	345452	26 - lb/d	=	529	=	557	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	=	6462	=	7106	26 - lb/d	=	11.1	=	12.9	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	=	7501	=	7887	26 - lb/d	=	12.6	=	13.3	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	=	70.24	=	97.12	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								<	0.015	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	1	--	Sample						=	51	=	130	13 - #/100mL	0	01/01 - Daily	GR - GRAB	
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL		01/01 - Daily	GR - GRAB	
					Value NODI														
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	96				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					=	95				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
May2015MorrisForman.pdf	pdf	76174
MFWQTC052015CoverLetter.pdf	pdf	35453
MFWQTC052015MOR.pdf	pdf	109223

Report Last Saved By

MORRIS FORMAN WQTC MSD

User: robin.burch@louisvillemsd.org	Date/Time: 2015-06-23 08:41 (Time Zone: -04:00)
Name: Robin Burch	
E-Mail: robin.burch@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:	MORRIS FORMAN WQTC MSD
		Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status			
Monitoring Period:	From 05/01/15 to 05/31/15	DMR Due Date:	06/28/15
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						=	71	=	132	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	233	=	304	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	104	=	213	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	220	=	258	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	13.2	=	15	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	16.2	=	17.9	19 - mg/L	07/30 - 7 Times Every Month WH/DS - When Discharging	CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L
					Value NODI														
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	13.01	=	16.94	03 - MGD					07/30 - 7 Times Every Month WH/DS - When Discharging	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:	robin.burch@louisvillemsd.org	Date/Time:	2015-06-23 08:41 (Time Zone: -04:00)
Name:	Robin Burch		
E-Mail:	robin.burch@louisvillemsd.org		

Press (Ctrl r) to recalculate spreadsheet.

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF May 2015
 KPDES PERMIT NO. KY0022411 PLANT CAPACITY - 120 MGD RECEIVING STREAM-OHIO RIVER

DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		pH		SETS (M/L)		TSS (mg/L)		D.O. (mg/L)	5-DAY BOD (mg/L)			RETURN SLUDGE				AERATION BASIN				ACTIVE		CHLORINATION			FINAL EFFLUENT			
	Final	Sec.	Bypass	raw	final	raw	final	raw	final	raw	final	final	raw	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 Collform #/100 ml	NH3-N mg/L	Pump. Hours	
	Effluent	Effluent																														
5/1	70.87	70.87	0.00	63	63	7.1	6.7	20.0	0.1	584	25	5.2	426	210	22	30.2	9.8	7.6	11.0	3.3	2.2	204	61	0.74	0.28	2.68	0.015	210	13	4.59		
5/2	66.48	66.48	0.00	65	65	7.2	6.7	19.8	0.1	496	18	6.6	445	205	14	30.1	10.4	8.3	12.2	3.4	2.4	210	63	0.72	0.37	2.26	0.015	92	15	0.00		
5/3	65.27	65.27	0.00	65	65	7.2	6.6	16.0	0.1	478	14	7.5	489	226	9	30.2	10.0	8.2	13.3	3.4	2.8	243	70	0.76	0.47	2.11	0.015	74	14	0.00		
5/4	67.24	67.24	0.00	67	67	7.1	6.5	18.0	0.1	474	19	6.4	369	213	14	30.2	9.4	8.1	13.2	3.3	2.9	241	69	0.79	0.37	1.79	0.015	11	15	0.00		
5/5	66.09	66.09	0.00	68	68	7.0	6.6	22.0	0.1	586	24	5.8	630	301	15	30.0	10.9	9.1	9.5	3.5	3.0	274	75	0.76	0.37	1.97	0.015	6	15	0.00		
5/6	62.58	62.58	0.00	70	70	7.1	6.8	31.0	0.1	575	23	5.4	703	494	21	30.0	13.2	11.1	8.1	4.2	3.5	263	62	0.77	0.11	2.33	0.015	17	9	0.00		
5/7	62.60	62.60	0.00	70	70	6.8	6.6	24.0	0.1	510	40	4.3	639	488	38	30.3	17.1	14.4	9.3	5.4	4.5	330	61	0.78	0.22	2.82	0.015	53	15	0.00		
5/8	62.95	62.95	0.00	70	70	6.2	6.4	27.0	0.2	828	50	4.0	626	356	44	30.4	16.5	13.8	9.5	5.4	4.7	354	65	0.81	0.44	3.22	0.015	16	13	0.00		
5/9	79.06	79.06	0.00	71	71	6.8	6.3	33.0	0.1	580	45	4.3	567	287	30	30.6	18.3	15.3	9.4	5.3	4.6	306	57	0.84	0.50	4.04	0.015	108	14	0.00		
5/10	66.06	66.06	0.00	71	71	7.1	6.2	21.0	0.1	572	32	4.3	578	266	32	30.9	15.9	13.5	8.8	5.7	4.9	357	62	0.85	0.49	4.30	0.015	87	10	0.00		
5/11	85.52	77.98	7.54	71	71	7.0	6.6	22.0	2.0	604	103	5.8	614	412	83	30.8	15.6	12.9	10.7	4.9	4.1	372	75	0.88	0.31	4.05	0.015	20	10	0.00		
5/12	81.06	78.38	2.68	69	69	7.0	6.6	15.0	0.2	388	65	4.9	430	195	43	30.6	13.3	11.0	10.6	4.5	3.7	294	65	0.79	0.34	4.17	0.015	132	12	0.00		
5/13	65.41	65.41	0.00	67	67	7.0	6.4	19.0	0.7	495	100	3.0	601	293	81	30.6	11.4	9.7	7.1	5.0	4.3	447	88	0.84	0.44	4.14	0.015	30	14	0.00		
5/14	65.07	65.07	0.00	69	69	6.9	6.4	19.0	0.2	430	48	5.4	537	302	40	30.6	15.1	12.8	9.9	5.4	4.6	403	71	0.98	0.43	5.67	0.015	40	12	0.00		
5/15	62.24	62.24	0.00	70	70	6.9	6.5	21.2	0.2	604	41	5.3	588	350	35	30.5	15.3	12.8	10.1	5.4	4.6	348	65	0.90	0.41	4.04	0.015	44	13	0.00		
5/16	119.57	90.21	29.36	71	71	6.8	6.4	21.0	8.5	728	314	5.2	605	356	170	30.9	15.5	12.9	12.7	4.4	3.6	383	82	0.96	0.40	6.96	0.015	120	15	0.00		
5/17	97.79	97.13	0.66	70	70	7.1	6.4	15.0	2.1	395	111	4.0	386	196	94	31.0	12.4	10.4	9.2	4.3	3.7	288	64	0.98	0.39	9.78	0.015	60000	11	0.00		
5/18	73.02	73.02	0.00	70	70	7.0	6.5	20.0	0.1	412	23	6.1	522	229	20	31.0	10.9	9.0	10.6	4.3	3.5	387	83	0.91	0.41	7.01	0.015	34	17	0.00		
5/19	62.71	62.71	0.00	69	69	7.0	6.4	20.0	0.1	490	18	5.6	495	240	24	30.9	12.4	10.5	10.6	4.0	3.5	332	77	0.83	0.45	2.85	0.015	34	16	0.00		
5/20	61.08	61.08	0.00	69	69	7.0	6.7	16.0	0.1	505	19	5.8	460	271	24	30.8	9.8	8.1	12.7	3.9	3.3	327	79	1.19	0.44	1.83	0.015	40	17	0.00		
5/21	60.88	60.88	0.00	68	68	7.1	6.6	19.0	0.1	575	27	5.8	574	324	33	30.9	10.8	9.1	11.9	3.7	3.2	288	72	1.24	0.43	2.35	0.015	42	17	0.00		
5/22	57.74	57.74	0.00	66	66	7.1	6.7	21.0	0.1	552	26	5.1	519	307	20	30.9	11.7	9.6	11.0	3.8	3.2	286	71	1.12	0.47	2.41	0.015	370	20	0.00		
5/23	54.34	54.34	0.00	67	67	7.1	6.5	17.0	0.1	504	27	5.0	554	395	26	30.6	11.9	10.1	10.5	4.2	3.6	302	71	1.08	0.40	2.11	0.015	15	18	0.00		
5/24	54.18	54.18	0.00	64	64	7.4	6.6	13.0	0.1	392	29	5.2	277	241	18	30.7	11.4	9.4	8.5	3.9	3.3	269	74	1.16	0.41	2.25	0.015	22	17	0.00		
5/25	104.69	88.06	16.63	69	69	7.2	7.0	17.0	1.7	680	74	7.2	331	155	58	30.7	10.8	8.9	14.1	3.4	2.9	232	68	1.13	0.36	4.25	0.015	4	17	0.00		
5/26	114.63	89.68	24.95	71	71	7.3	6.8	13.0	1.0	440	37	7.4	224	140	32	30.7	10.2	8.1	12.3	3.4	2.8	204	61	1.02	0.42	3.71	0.015	18	16	0.00		
5/27	96.85	87.64	9.22	70	70	7.0	6.7	14.0	0.1	440	22	7.4	388	174	19	30.3	11.2	9.2	11.6	3.1	2.6	196	63	0.98	0.42	2.51	0.015	36	13	0.00		
5/28	71.28	71.28	0.00	71	71	7.0	6.7	13.0	0.1	500	14	5.4	337	209	14	30.2	10.3	8.6	11.9	3.3	2.8	210	62	0.99	0.41	1.57	0.015	47	12	0.00		
5/29	69.73	69.73	0.00	71	71	7.0	6.6	15.0	0.1	466	31	5.1	533	236	23	30.0	9.6	8.0	11.2	8.8	2.5	194	70	0.94	0.39	1.82	0.015	600	16	0.00		
5/30	72.29	72.29	0.00	75	75	7.0	6.8	14.8	0.1	500	24	4.6	412	207	12	29.9	7.7	6.4	7.5	2.8	2.4	212	74	0.99	0.45	1.93	0.015	18	18	0.00		
5/31	69.05	69.05	0.00	71	71	7.2	6.7	12.0	0.1	612	16	5.6	317	173	12	30.0	9.6	7.8	11.4	3.0	2.5	216	73	1.01	0.41	1.68	0.015	22	13	0.00		
Total	2268.3	2177.3	91.0													945.6																
Average	73.2	70.2	2.9	69.0	69.0	7.0	6.6	19.0	0.6	529	47	5.4	490	273	36	30.5	12.2	10.2	10.7	4.3	3.4	289	69	28.734	12.212	0.93	0.39	3.37	0.015	51	14	4.59

SEWER CONNECTIONS 146546 TIMES 4 = 586184 SEWER POPULATION

IND. WASTER POPULATION EQ
 CUSTOMERS 357
 FLOW 110695
 BOD 1171170
 TSS 950707

Authorized Agent



Certification No. 5691

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of May-15

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	73.17	9.33	15.04	12.92
Tanks in Service	4.00	7.0	7.0	4.0
Surface Area (Ft.2)	77000.00	60550.00	60550.00	34600.00
Volume (MG)	8.33	6.20	6.20	3.54
Weir Length (Ft.)	2860.00	2509.50	2509.50	1434.00
Avg. Weir Overflow (GPD/Ft)	25584.71	3716.66	5993.45	9012.91
Avg. Settling Rate (GPD/Ft2)	950.29	352.22	463.10	520.47
Avg. Detention Time	2.73	15.96	9.90	6.58

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	21.33	28.04	18.01
Avg. Detention Time (Hours)	10.81	6.70	3.90

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	3.01

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 05/01/2015 00:00 thru 05/31/2015 23:59, 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	72267	2501 ALEXANDER RD		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	2358004		5/11/15 3:13 pm	MORRISON	CUNNINGHAM	REPAIRED - ISSUE RESOLVED	05/11/2015	ROOTS	UNAUTHORIZED DISCHARGE - WATERS	05/11/15 03:45 PM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	While doing preventative maintenance root cutting on main sewer, manhole discharged.
Clean Up:	No clean up performed, manhole discharged directly to stream.
Control Zone:	MSD personnel used temporary discharge signs around manhole as a precaution. Not much control zone needed, area is in heavily wooded area.
Impact:	Sewage mixed with clean water from vactor truck coming out of manhole # 72267.
Repair:	Root cutting main sewer to get tree roots out. Root cut work order# 2356423
Public Notification:	MSD personnel placed temporary discharge signs in the affected area as a precaution . Not much public access, heavily wooded area.

Notifications:

5/12/15 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 05/01/2015 00:00 thru 05/31/2015 23:59, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMN Sewer Main	75014	1535 POPLAR LEVEL RD		SOUTH FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	2356068		5/7/15 4:15 pm	FISHER	MARCONI	REPAIRED - ISSUE RESOLVED	05/08/2015	ROOTS	UNAUTHORIZED DISCHARGE - WATERS	05/07/15 08:00 PM	

Discharge Reporting:

Discharge Amount:	4,200 GAL
Cause:	ROOTS IN THE MAIN
Clean Up:	MSD WILL CLEAN
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS
Impact:	DEBRIS OBSERVED AROUND 100 GPM
Repair:	ROOT CUT LINE #2356189
Public Notification:	PUBLIC NOTIFIED THROUGH TEMPORARY SIGNS PLACED AT DISCHARGE

Notifications:

5/8/15 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Total Facilities Printed: 3

Total Work Orders Printed: 3