



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

September 21, 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 August 1st to August 31st are provided through NetDMR. All permit requirements were met for the month of August, 2015.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Alex E. Novak".

Alex E. Novak, P.E.
Treatment Facilities 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 08/01/15 to 08/31/15	DMR Due Date:	09/28/15	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					=	3.4					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	=	11095	=	18586	26 - lb/d		=	16	=	24	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	=	249421	=	317298	26 - lb/d		=	372	=	416	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	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	=	18390	=	38258	26 - lb/d		=	25	=	45	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	=	324300	=	392858	26 - lb/d		=	478	=	503	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	=	9499	=	10808	26 - lb/d		=	15.3	=	19.1	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	=	8739	=	9308	26 - lb/d		=	13.6	=	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	=	77.01	=	126.29	03 - MGD							0	09/99 - See Permit	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							=	61	=	91	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
2015_8_MFWQTC_OverflowReport.pdf	pdf	70334
MFWQTCcoverLetter082015.pdf	pdf	39655
MFWQTC082015MOR.pdf	pdf	108405

Report Last Saved By

MORRIS FORMAN WQTC MSD

User: robin.burch@louisvillemsd.org	Date/Time: 2015-09-22 12:54 (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 Location:	MORRIS FORMAN WQTC MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status			
Monitoring Period:	From 08/01/15 to 08/31/15	DMR Due Date:	09/28/15
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						=	67	=	100	19 - mg/L	08/30 - Eight Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI														
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	246	=	300	19 - mg/L	08/30 - Eight Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	111	=	173	19 - mg/L	08/30 - Eight Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI														
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	304	=	406	19 - mg/L	08/30 - Eight Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	12.5	=	16.1	19 - mg/L	08/30 - Eight Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI														
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	16	=	18.2	19 - mg/L	08/30 - Eight Every Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS		
					Permit Req.										Req Mon MO AVG			Req Mon MX WK AV	19 - mg/L 0
					Value NODI														
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	23.97	=	32.27	03 - MGD					08/30 - Eight Every 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:	robin.burch@louisvillemsd.org	Date/Time:	2015-09-22 12:54 (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 August 2015
 KPDEB 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	raw	final	prim.	FLOW	TSS	TVSS	D.O.	MLSS	MLVSS	SET	SVI	Wasted	Primary	Chlorine	Fecal	NH3-N	Pump.		
	Effluent	Effluent												final	MG	g/L	g/L	mg/L	g/L	g/L			MG	MG	Dosage	Resid	Coiform	mg/L	mg/L	Hours
8/1	59.75	59.75	0.00	81	81	7.0	6.4	24.0	0.1	628	35	4.3	590	423	22	23.7	18.5	14.9	8.3	4.5	3.7	344	76	1.31	0.40	2.94	0.015	20	14	0.0
8/2	58.42	58.42	0.00	80	80	7.0	6.4	18.0	0.1	612	16	4.3	477	278	18	24.5	18.0	14.6	9.0	5.3	4.4	404	76	1.26	0.29	2.20	0.015	92	10	0.0
8/3	61.74	61.74	0.00	81	81	7.0	6.4	24.0	0.1	480	15	4.8	422	289	23	25.0	16.1	13.0	11.6	5.1	4.1	389	74	1.30	0.36	1.89	0.015	17	15	0.0
8/4	90.57	76.61	13.96	79	79	6.9	6.6	32.0	2.0	653	80	4.8	581	384	68	24.6	15.2	12.4	10.9	4.7	4.0	381	80	1.36	0.34	3.11	0.015	42	16	0.0
8/5	135.33	112.47	22.86	79	79	6.9	6.4	16.0	5.0	440	148	5.8	370	188	96	25.4	19.6	15.1	5.8	3.4	2.8	290	81	1.37	0.34	5.21	0.015	230	9	0.0
8/6	211.16	126.29	84.87	79	79	7.0	6.4	10.0	6.4	284	218	4.2	207	179	108	26.6	18.5	14.8	11.2	3.4	2.8	212	61	1.30	0.37	8.25	0.015	806	7	0.0
8/7	114.63	107.24	7.39	77	77	6.9	6.5	11.0	0.1	420	17	6.0	268	131	12	26.2	16.9	13.1	13.9	3.2	2.5	241	75	1.32	0.33	4.34	0.015	212	9	0.0
8/8	87.47	87.47	0.00	78	78	7.1	6.6	15.0	0.1	436	9	6.2	291	151	10	26.3	17.4	14.4	12.1	4.4	3.5	308	68	1.33	0.20	1.85	0.015	2	13	0.0
8/9	81.26	81.26	0.00	79	79	7.0	6.6	4.0	0.1	160	14	5.4	199	301	8	26.4	15.7	12.4	13.3	3.7	3.0	236	63	1.27	0.32	1.62	0.015	9	14	0.0
8/10	92.85	87.19	5.66	79	79	7.0	6.6	15.0	0.1	425	14	5.4	344	328	10	26.1	16.3	13.0	11.3	4.2	3.4	257	63	1.21	0.32	2.14	0.015	28	15	0.0
8/11	91.54	84.63	6.91	79	79	7.1	6.5	19.0	1.5	384	67	5.2	297	154	39	26.0	17.0	13.1	10.4	4.2	3.3	262	63	1.32	0.26	2.35	0.015	132	11	0.0
8/12	75.51	75.51	0.00	78	78	7.0	6.6	16.0	0.1	505	14	5.6	440	241	11	24.8	15.4	12.4	11.7	4.5	3.6	275	60	1.32	0.28	2.15	0.015	40	16	0.0
8/13	71.13	71.13	0.00	80	80	7.0	6.5	12.0	0.1	460	15	5.1	338	229	9	24.0	16.1	12.9	12.1	4.9	4.0	303	61	1.32	0.35	2.14	0.015	30	16	0.0
8/14	69.91	69.91	0.00	78	78	7.1	6.6	15.0	0.1	448	27	5.4	406	164	12	24.1	16.3	13.4	12.6	4.6	3.8	375	73	1.31	0.38	2.66	0.015	980	17	0.0
8/15	82.41	76.98	5.43	81	81	6.8	6.6	15.5	3.6	545	144	5.4	354	314	62	24.3	14.0	11.4	13.0	5.3	3.9	406	76	1.34	0.35	2.74	0.015	4	18	0.0
8/16	65.72	65.72	0.00	81	81	6.7	6.5	12.0	0.1	370	28	5.5	310	229	19	24.8	17.2	13.9	13.1	4.4	3.6	399	86	1.33	0.21	1.83	0.015	560	10	0.0
8/17	75.42	75.42	0.00	79	79	7.0	6.5	14.9	0.1	490	15	5.2	376	265	12	24.7	14.1	11.3	11.5	5.8	4.6	429	69	1.34	0.29	2.14	0.015	41	15	0.0
8/18	72.89	72.89	0.00	79	79	6.9	6.6	16.8	6.6	570	18	4.8	486	299	18	24.5	14.7	11.9	11.6	5.8	4.6	407	65	1.40	0.40	2.41	0.015	18	17	0.0
8/19	147.30	102.65	44.65	78	78	6.8	6.6	10.9	4.5	624	202	3.4	364	286	137	24.9	16.9	13.4	10.2	5.9	4.7	365	56	1.44	0.38	7.53	0.015	200	14	0.0
8/20	85.62	85.62	0.00	79	79	7.1	6.5	13.8	0.1	480	25	4.9	349	234	17	24.9	16.8	13.4	11.9	5.3	4.2	388	68	1.45	0.24	2.68	0.015	92	10	0.0
8/21	75.72	75.72	0.00	79	79	7.0	6.6	13.4	0.1	444	28	5.0	364	336	16	24.8	15.2	12.2	11.5	6.0	4.8	400	64	1.47	0.28	2.26	0.015	186	16	0.0
8/22	69.25	69.25	0.00	79	79	6.9	6.5	16.5	0.1	510	25	4.3	426	285	24	24.9	14.8	12.0	9.9	5.8	4.8	373	62	1.39	0.42	2.11	0.015	58	16	0.0
8/23	68.98	68.98	0.00	79	79	6.9	6.6	18.9	0.1	456	26	4.5	354	200	33	25.1	15.7	13.1	10.5	5.4	4.4	335	60	1.32	0.22	1.96	0.015	255	14	0.0
8/24	69.29	69.29	0.00	79	79	7.1	6.6	13.2	0.3	368	24	4.9	348	232	26	24.9	15.7	12.7	11.1	5.8	4.7	384	59	1.33	0.34	1.97	0.015	48	17	0.0
8/25	69.41	69.41	0.00	78	78	6.8	6.6	17.0	6.6	552	32	4.9	497	236	14	24.7	15.6	12.8	10.9	6.3	5.2	381	57	1.30	0.28	2.44	0.015	149	21	0.0
8/26	67.05	67.05	0.00	78	78	7.1	7.0	18.9	0.4	456	25	5.2	350	216	15	25.3	15.6	12.4	12.1	6.8	4.9	398	57	1.50	0.41	2.69	0.015	92	23	0.0
8/27	65.65	65.65	0.00	79	79	7.1	6.6	15.9	0.2	448	24	4.8	353	182	21	25.2	15.1	12.1	10.9	5.6	4.5	370	65	1.50	0.42	2.49	0.015	84	24	0.0
8/28	66.21	66.21	0.00	79	79	7.0	6.7	16.2	0.2	608	26	5.3	478	270	10	25.0	16.0	13.0	12.4	5.5	4.6	333	42	1.42	0.48	2.04	0.015	42	25	0.0
8/29	64.02	64.02	0.00	80	80	6.9	6.5	16.5	0.5	484	18	7.2	199	225	13	24.8	13.8	11.2	12.0	4.9	4.0	292	56	1.38	0.49	2.15	0.015	12	24	0.0
8/30	64.66	64.66	0.00	80	80	6.9	6.5	15.3	0.1	512	18	7.0	348	184	10	24.6	11.6	9.8	12.3	4.9	4.1	299	59	1.29	0.35	1.71	0.015	84	19	0.0
8/31	68.33	68.33	0.00	81	81	7.0	6.6	21.0	0.1	564	24	5.3	351	173	9	24.5	12.8	10.4	11.4	4.6	3.8	294	60	1.25	0.34	1.81	0.015	28	16	0.0
Total	2579.0	2387.3	191.7													775.5								41.755	10.442					0.0
Average	83.2	77.0	6.2	79.2	79.2	7.0	6.6	16.1	1.3	478	46	5.2	372	245	29	25.0	15.9	12.8	11.3	5.0	4.0	340	66	1.35	0.34	2.77	0.015	61	16	

SEWER CONNECTIONS 146428 TIMES 4 = 585712 SEWER POPULATION

IND. WASTER POPULATION EQ
 CUSTOMERS 357
 FLOW 208608
 BOD 933219
 TSS 993374

Authorized Agent



Certification No. 5691

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Aug-15

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	2579.00	21.63	19.60	11.43
Tanks in Service	4.00	6.6	5.6	3.9
Surface Area (Ft.2)	77000.00	57148.13	48684.98	33861.40
Volume (MG)	8.33	5.85	4.99	3.47
Weir Length (Ft.)	2860.00	2368.51	2017.75	1403.39
Avg. Weir Overflow (GPD/Ft)	901748.25	9133.89	9712.59	8146.73
Avg. Settling Rate (GPD/Ft2)	33493.51	550.91	607.94	490.21
Avg. Detention Time	0.08	6.49	6.11	7.28

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	31.48	29.60	16.60
Avg. Detention Time (Hours)	4.66	5.14	4.41

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	1.9
Volume (Gallons)	2277629
Avg. Detention Time (Hours)	1.26

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 08/01/2015 00:00 thru 08/31/2015 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	51594	1418 TREVILIAN WAY		OHIO RIVER	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2418030		08/19/2015	MITCHELL	GRIFFITH	DOCUMENTED	09/12/2006	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/19/15 07:30 PM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	DISCLN WO# 2418032
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

Notifications:

8/17/15 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
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