

Louisville and Jefferson County Metropolitan Sewer District 700 West Liberty Street Louisville Kentucky 40203-1911 502-540-6000 www.msdlouky.org

January 14, 2014

Ms. Cheryl Edwards Kentucky Division of Water 200 Fair Oaks Lane Frankfort, Kentucky 40601

RE:

Derek Guthrie WQTC, KPDES No: KY0078956

Discharge Monitoring Report, December 2013

Dear Ms. Cheryl Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Derek Guthrie WQTC, for the month of December 2013.

There were no exceedences or bypasses reports during the month of December for the Derek Guthrie WQTC.

Also included are the overflow reports for the month of December. And the 4th Qtr Bio monitoring report.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6031.

Sincerely,

John Kessel

Process Supervisor, West Region

JMK/West County 1213

Enclosures

cc: C. Roth

T. Singleton

R. Shaw



DMR Copy of Record

Permit

KY0078956 Permit #:

Major: Yes Permittee: DEREK R GUTHRIE WQTC MSD

11621 LOWER RIVER RD Permittee Address:

LOUISVILLE, KY 40272

Facility:

Facility Location:

DEREK R GUTHRIE WQTC MSD

11621 LOWER RIVER RD LOUISVILLE, KY 40272

Discharge:

001-2 MUNICIPAL WASTEWATER

Report Dates & Status

Permitted Feature:

DMR Due Date: From 12/01/13 to 12/31/13 01/28/14 Status: **Monitoring Period: NetDMR Validated**

Considerations for Form Completion

USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

001

External Outfall

Principal Executive Officer

Title: Greg Telephone: First Name: **Exec Director** 502-540-6000

Last Name:	Hetizman																		
No Data Indicator (NODI)																			
Form NODI:																			
Parameter	Monitoring Location	Season a	# Param. NODI				Quantity or Lo	pading					Quality or Conc	entration			# of	Ex. Frequency of Analysi	is Sample Type
Code Name					Qualifier		Qualifier		Units	Qualifier 1	Value 1	Qualifier		Qualifie	r 3 Value 3	Units			, , , , , , , , , , , , , , , , , , , ,
				Sample						=	6					19 - mg/L		01/01 - Daily	GR - GRAB
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	2 INST MIN					19 - mg/L	0	01/01 - Daily	GR - GRAB
				Value NODI															
				Sample	=	4331	=	6409	26 - Ib/d			=	11	=	16	19 - mg/L		01/01 - Daily	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.	<=	7506 MO AVG	<=	11259 MX WK AV	26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
				Value NODI															
				Sample	=	55893	=	76348	26 - lb/d			=	174	=	200	19 - mg/L		01/01 - Daily	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Permit Req.		Req Mon MO A	WG	Req Mon MX WK A\	/ 26 - lb/d				Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
				Value NODI							0.0				7.5	10 011		04/04 D "	00 0040
00400-11	4 5500000000000000000000000000000000000	0		Sample						=	6.8			=	7.5	12 - SU	_	01/01 - Daily	GR - GRAB
00400 pH	1 - Effluent Gross	U		Permit Req. Value NODI						>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	0	01/01 - Daily	GR - GRAB
				Sample	_	2906	=	3994	26 - lb/d			_	8	=	10	19 - mg/L		01/01 - Daily	CP - COMPOS
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.	- <=	7506 MO AVG		11259 MX WK AV	26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
Cocco Conas, total Suspeniosa	1 Emacin Cross			Value NODI		7000 1110 7110		11200 WIX WITCH	20 15/4			\	00 1110 7110	-	10 MIX VIII VIII	10 mg/L		01/01 Dully	
				Sample	-	70913	=	101933	26 - lb/d			_	226	_	275	19 - mg/L		01/01 - Daily	CP - COMPOS
00530 Solids, total suspended	G - Raw Sewage Influent	0		Permit Req.		Req Mon MO A	NVG	Reg Mon MX WK AV					Reg Mon MO AVO	3	Req Mon MX WK AV		0	01/01 - Daily	CP - COMPOS
· ·	ŭ			Value NODI		·		·							·			,	
				Sample	-	683	=	827	26 - lb/d			=	2	-	3	19 - mg/L		01/01 - Daily	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Permit Req.	<=	5004 MO AVG	<=	7506 MX WK AV	26 - Ib/d			<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
				Value NODI															
				Sample	=	3838	=	4192	26 - lb/d			-	13	=	15	19 - mg/L		01/01 - Daily	CP - COMPOS
00610 Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0		Permit Req.		Req Mon MO A	VG	Req Mon MX WK AV	/ 26 - lb/d				Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L	0	01/01 - Daily	CP - COMPOS
				Value NODI															
				Sample	=	1325	=	2520	26 - lb/d			=	3	=	5	19 - mg/L		01/01 - Daily	CP - COMPOS
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.		Req Mon MO A	VG	Req Mon MX WK A\	/ 26 - lb/d				Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
				Value NODI					" / "									24/24 5 !!	22 221222
				Sample	=	614	=	1402	26 - lb/d			=	2	=	5	19 - mg/L		01/01 - Daily	CP - COMPOS
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.		Req Mon MO A	NVG	Req Mon MX WK AV	/ 26 - lb/d				Req Mon MO AVO	i	Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
				Value NODI		41.02		151.1	03 - MGD	,								99/99 - Continuous	CN - CONTIN
50050 Flow, in conduit or thru treatment plar	at 1 - Effluent Gross	0		Sample Permit Req.	=	Req Mon MO A	=	Reg Mon DAILY MX									_	99/99 - Continuous	CN - CONTIN
50050 Flow, in conduit of tind treatment plan	it 1 - Elliuelit Gloss	U	-	Value NODI		Red Molt MO A	wG	Red MOII DAILT MX	03 - MGL	,								99/99 - Continuous	CIV - COIVIII
				Sample	_	39.28	=	145.2	03 - MGD)								99/99 - Continuous	CN - CONTIN
50050 Flow, in conduit or thru treatment plan	t G - Raw Sewage Influent	0		Permit Req.		Reg Mon MO A	VG	Reg Mon DAILY MX									0	99/99 - Continuous	CN - CONTIN
,				Value NODI															
				Sample										<	0.01	19 - mg/L		01/01 - Daily	GR - GRAB
50060 Chlorine, total residual	1 - Effluent Gross	0		Permit Req.										<=	.019 DAILY MX	19 - mg/L	0	01/01 - Daily	GR - GRAB
				Value NODI															
				Sample								=	8	=	18	13 - #/100m	ηL	01/01 - Daily	GR - GRAB
74055 Coliform, fecal general	1 - Effluent Gross	0		Permit Req.								<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100m	nL 0	01/01 - Daily	GR - GRAB
				Value NODI															
				Sample						=	94					23 - %		01/30 - Monthly	CA - CALCTD
81010 BOD, 5-day, percent removal	K - Percent Removal	0		Permit Req.						>=	85 MO AV MI	N				23 - %	0	01/30 - Monthly	CA - CALCTD
				Value NODI							07					00 61		04/00 14 111	04 6110=
24242	K D			Sample						=	97					23 - %		01/30 - Monthly	CA - CALCTD
81011 Solids, suspended percent removal	K - Percent Removal	U		Permit Req.						>=	85 MO MIN					23 - %	0	01/30 - Monthly	CA - CALCTD
				Value NODI															

Cubmissism A	lata					
Submission N						
If a parameter	row does not contain any values for the Sample nor Effluent Trading, then n	one of the following fields will be	submitted for that row: Units, Number of Excursions	s, Frequency of Analysis, and Sample Type.		
Edit Check Er	rrors					
No errors.						
Comments						
Attachments						
		Name		Ту	pe Size	
201312_DRGW	QTC_OverflowReport.pdf			pdf	100602	
DRG_COVER_1	122013.pdf			pdf	16417	
556 1165 161						
DRG_MOR_122	2013.XLS			xls	115200	
Report Last S				xls	115200	
Report Last Sa				xls	115200	
Report Last Sa	Paved By		Date/Time:	xls 2014-01-21 08:36 (Time Zo		
Report Last Sa DEREK R GUT	aved By THRIE WQTC MSD		Date/Time:			

DMR Copy of Record

Permit																						
Permit #:		KY0078956			Permit	tee:		D	EREK	R GUTHRIE	WQTC	MSD		Facility	y:		D	EREK R	GUTH	IRIE WQTC MSD)	
Major:		Yes			Permit	tee Addres	ss:			OWER RIVI ILLE, KY 40				Facility	y Loca	tion:		1621 LOV OUISVILL		RIVER RD 7 40272		
Permitted Feat	ture:	001 External Outfall			Discha	arge:		_	01-R REASON	NABLE POT	TENTIAL											
Report Dates &	& Status																					
Monitoring Per	eriod:	From 12/01/13 to	12/31/13	3	DMR D	ue Date:		0	1/28/14	ļ				Status	:		N	letDMR V	'alidat	ted		
Considerations	ns for Form Co	mpletion																				
Principal Exec	cutive Officer																					
First Name:		Greg			Title:			Е	xec Dir	ector				Teleph	one:		5	02-540-60	000			
Last Name:		Hetizman												•								
No Data Indica	ator (NODI)				·																	
Form NODI:																						
Param		Monitoring Location	Season #	Param. NODI				y or Loadii					Quality or						# of Ex	. Frequency of Anal	ysis Sample	Туре
Code	Name				Sample	Qualifier 1 V	alue 1	Qualifier 2	Value 2	Units Qualifie	er 1 Value	1 Qualifier	2 Value 2 0.01	2 Qua	alifier 3	Value 0.01		Units 19 - mg/L		01/30 - Monthly	CP - COI	MPOS
01032 Chromium, h	hexavalent [as Cr]	1 - Effluent Gross	0 -	P	Permit Req.								Req Mon MO					19 - mg/L ()	01/30 - Monthly	CP - COI	
				٧	/alue NODI																	
Submission No																						
		ontain any values fo	or the San	mple nor Efflu	uent Tradi	ng, then no	ne of t	the follow	ing field	ds will be su	bmitted f	or that ro	w: Units, Nu	mber of E	Excursi	ions, Freq	quency (of Analysi	s, and	d Sample Type.		
Edit Check Err	rors																					
No errors.																						
Comments																						
Attachments																						
	avad Pv																					
		Men																				
										Dot	to/Timos			201	4 04 2	1 00.26	/Time	70001 OF	.00\			
		navinemau.org								Dai	e/ mme:			201	4-01-2	1 00.30	(Tille 2	∠UHEU5	.00)			
		ievillomed org																				
o attachments. Report Last Sa DEREK R GUT Jser: I Name: I	THRIE WQTC II kevin.ries@lou Kevin Ries kevin.ries@lou	isvillemsd.org								Dat	te/Time:			201	4-01-2	1 08:36	(Time 2	Zone: -05	:00)			

DMR Copy of Record

Permit																				
Permit #:	KY0078956			Permittee:			DERE	K R GL	JTHRIE	E WQTC	MSD			Facilit	ty:		DEREK	R GL	THRIE WQTC MSD	
Major:	Yes			Permittee A	Address:		11621 LOUIS							Facilit	y Location:				R RIVER RD KY 40272	
Permitted Feature:	001 External Outfall			Discharge:			001-Y BIOMO	NITOI	RING/N	METALS	S/QUAR	RTERLY								
Report Dates & Status																				
Monitoring Period:	From 10/01/13	to 12/31/13		DMR Due D	ate:		01/28/	14						Status	s:		NetDMR	Vali	dated	
Considerations for Form	Completion													Į.						
Principal Executive Office	er																			
First Name:	Greg			Title:			Exec D	irector						Telep	hone:		502-540	-6000)	
Last Name:	Hetizman																			
No Data Indicator (NODI)																				
Form NODI:																				
Parameter	Monitoring Loca	ation Season	# Param. NOI	DI		Quantity	or Loadin	g					Quality or Cor	centratio	on			# of	Ex. Frequency of Analysi	is Sample Typ
Code Name				(Qualifier 1	Value 1	Qualifier 2	/alue 2	Units Q	ualifier 1	Value 1			Qualifier			Units			
00000	ol 4 Efficient Cross			Sample Darmit Dar										=	225		- mg/L		01/90 - Quarterly	GR - GRAB
00900 Hardness, total [as CaCO	3] 1 - Effluent Gross	s U	-	Permit Req. Value NODI									Req Mon MO AVG		Req Mon DAILY	VIX 19	- mg/L	0	01/90 - Quarterly	G2 - GRAB-
				Sample								=	0.025	=	0.025	19	- mg/L		01/90 - Quarterly	GR - GRAB
01094 Zinc, total recoverable	1 - Effluent Gross	s 0		Permit Req.									Req Mon MO AVG		Req Mon DAILY	MX 19	- mg/L	0	01/90 - Quarterly	G2 - GRAB-
				Value NODI									0.004		0.004	40	/1		04/00 Overstants	OD ODAD
01113 Cadmium, total recoverab	e 1 - Effluent Gross	s 0		Sample Permit Req.									0.001 Req Mon MO AVG	<	0.001 Req Mon DAILY		- mg/L - mg/l	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB
orrio oddiniani, total 1000 vordo	2 I Zilidolik Groot			Value NODI									rtoq morrimo /tvo		red Mon By (IE)	VIX 10	mg/L		01/00 Quartory	OL ORGE
				Sample										<	0.08		- mg/L		01/90 - Quarterly	GR - GRAB
01114 Lead, total recoverable	1 - Effluent Gross	s 0		Permit Req.									Req Mon MO AVG		Req Mon DAILY	MX 19	- mg/L	0	01/90 - Quarterly	G2 - GRAB-
				Value NODI Sample								<	0.01	<	0.01	19	- mg/L		01/90 - Quarterly	GR - GRAB
01119 Copper, total recoverable	1 - Effluent Gross	s 0		Permit Req.									Req Mon MO AVG		Req Mon DAILY			0	01/90 - Quarterly	G2 - GRAB-
				Value NODI																
61406 Toxicity, final conc toxicity	unite 4 Effluent Cross	s 0		Sample Permit Req.										<	1 1 DAILY MX		- tox acute		01/90 - Quarterly	GR - GRAB G2 - GRAB-
61406 Toxicity, illial conditioxicity	units i - Enident Gross	5 0		Value NODI										<=	I DAILT WA	2	- tox acute	; 0	01/90 - Quarterly	GZ - GRAD-
Submission Note																				
If a parameter row does no	ot contain any value	s for the Sa	mple nor Eff	fluent Trading	, then no	ne of the	e followin	a fields	s will be	e submit	tted for	that row:	Units, Number of	of Excurs	sions, Frequency	of Ar	nalysis, a	and S	ample Type.	
Edit Check Errors				J	•			J					·		, ,				, ,,	
No errors.																				
Comments																				
A (
Attachments No attachments.																				
Report Last Saved By																				
DEREK R GUTHRIE WQ1	C MCD																			
										Doto /	Time			2014.0	1 21 00:20 /T:	ma 7:	no. OF.	00)		
	louisvillemsd.org									Date/	i ime:			2014-0	1-21 08:39 (Ti	me Z0	neus:	UU)		
Name: Kevin Ric																				
E-Mail: kevin.ries@	louisvillemsd.org																			

Name	of Sew	age Trea	tment F	Plant:					Wes	t Count	y WTP						Jefferso	on		1	Month of	:			Dece	mber			201	3	_				
KPDE	S Perm	nit Numbe	er:			KY00	078956			Plant C	Capacity	r:	(30 MGD)	Count	у	F	Receivir	ng Strea	am:					Ohio Riv	rer								
																				Г		Activated		T											
			Raw				Settleab	le		Dissolve	ed	Sus	spende	ed		Total		5-da	ay BOD)		Sludge				Ae	ration			Dig			Final		
			ewage		рН		olids (mL			ygen (m			ds (mg/		So	olids (m	g/L)		ng/L)	Ī	R	eturn	WAS	Ť			asin			Sludge					
Date	Total Flow (MG)	paxoma		Screenings (cu. ii.	Final	Raw	Primary (or Sec.)	Final	Stream Above	inal	Stream Below	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)		Raw	Primary (or Sec.)	Final	Million Gal/Day	MLSS mg/L X 1000	3al/Day X 1000	Oxygen (mg/L) #1	Oxygen (mg/L) #2	MLSS (mg/L) X1000 #1	MLVSS (mg/L) X1000 #1	30 min. SettS.	INS	% Solids		TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Fecal Coliform Col./100ml
1	21.20		0	7.4				ш	S	证 7.0	S	140		<u>н</u>	<u> </u>	Δ.	ш	162		<u>ц</u>	2	≥ × 4360	0	1 O #	# 0.1	≥× 3600	≥× 2560	ღ 200.0	<u>თ</u>	- 8	<u>a</u> =		0.01	2.10	3
2	20.5			7.						6.0		188		6				142		7		4140				2950	2210	190.0	0.06		\vdash		0.01	0.90	
3	20.3			7.3	3 7.1					7.0		318		5				310		4		3650				2650	1910	180.0	0.07		2.42		0.01	1.10	
4	20.00	000		7.3	3 7.2	2				8.0		216		4				179		5		3680				4830	3530	140.0	0.03			2.50	0.01	1.10	5
5	34.84	100		8.0	7.4	ı				7.0		278		10				152		14		3470				2640	1910	150.0	0.06				0.01	2.60	7
6	54.88	300		7.0	7.3	3				8.0		112		10				93		20		3720				2730	1980	150.0	0.05				0.01	1.80	11
7	42.1	580		7.4	1 7.4	ı				7.0		124		6				86		6		3850				2270	1680	150.0	0.07				0.01	1.20	11
8	37.2	590		7.4	7.3	3				8.0		136		4				113		8		3900				2110	1560	150.0	0.07				0.01	2.00	6
9	36.0	550		7.0	7.3	3				8.0		318		6				154		7		3610				2550	1850	150.0	0.06				0.01	1.70	4
10	33.62	200		7.0	7.2	2				8.0		162		8				159		11		3270				1910	1380	150.0	0.08		5.00		0.01	2.00	4
11	29.10	000		7.3	7.1					7.8		204		8				152		16		3120				2990	2260	120.0	0.04			4.70	0.01	2.90	15
12	27.48	340		8.	7.5	5				8.0		204		6				146		5		3030)			1560	1150	120.0	0.08				0.01	3.40	16
13	30.07	720		7.3	7.1					8.0		336		11				323		12		5640	1			1530	1150	100.0	0.07				0.01	3.50	2800
14	67.2	170		7.3		_				7.6		198		22				315		52		2860				2400	1790	120.0	0.05		$oxed{oxed}$		0.01	3.10	11
15	55.23			7.4	_					7.6		56		12				56		14		3940	1			3040	2260	130.0	0.04		لـــــــا		0.01	2.50	
16	34.40			7.	_					8.0		186		9				129		12		3860				1960	1500	150.0	0.08				0.01	2.50	
17	30.32			7.	_	_				8.0		250		9				147		15		3870	ļ			1960	1450	150.0	0.08		1.48	4.40	0.01	3.20	
18	28.14			8.	_					7.0		234		9				155		13		3710	<u> </u>			2140	1600		0.07				0.01	2.60	
19	26.92			7.	_					7.0		234		8				147		9		3720				2210	1680	170.0	0.08		— Н		0.01	2.20	
20	20.90		-	8.3		_			-	7.0		342		7				195		11		4590	1			2630	1940	170.0	0.06		+		0.01	1.50	
21	87.74		-	8.0	_	+				7.0		246		17				159		20		3400	1			3210	2400	190.0	0.06		\vdash		0.01	2.10	
22	151.1			7.0		_	-			7.4		114 202		5				74		7		4350	1			1170	830	80.0	0.07		+	2.00	0.01	1.40	
23	81.43		-	7.						8.0 8.3		202		8				213 167		9		6100 5090				2180	1520		0.07		+		0.01	1.20	
24 25	40.75 34.02			7.0	_		-			8.3		316		5				220		8		5540				3330	2350 2600	230.0	0.07		0.95		0.01	1.30	
26	34.02			7.0			-			8.0		256		5				213		9		5540 4740				3750 2870	2040	210.0 220.0	0.06		0.95		0.01	1.70 2.60	
27	29.3		-	7.	_	_			-	7.0		378		5				213		9		4740				2720	1970	200.0	0.08		\vdash		0.01	2.60	
28	28.20			7.	_	_	-			7.0		384		7				284		10		4580				2640	1910	200.0	0.07		+		0.01	2.50	
29	50.5		-	7.0	_	_				7.0		204		0				170	-	13		5310				2300	1640	180.0	0.08		+	3.40	0.01	1.80	
30	36.68			7.3			1			7.0		176		6				165		4		4940				2950	2130	240.0	0.08		+	3.40	0.01	1.30	
31	29.98			6.9	_					8.0		232		4				200		8		4830				3930	2890	200.0	0.05		\vdash		0.01	1.40	
Total	####	_	0	0																	0.0		0.0												
Avg.		.02		7.4	7.1					7.5		226		8				174		11	0.0	4184.2				2635.81	1923.55	164.52	0		2.46	3.40	0.01	2.06	8
		of Sewe	r Conne			1	•		0			Industrial	l Waste	Popula	ition Ed	uivaler	nt									Operator					Patte				
		onnection					-				•			- 1																		-			
		Connection									•	3	90664				35093	3		368	3905					Cert.#					268	323			
		nections									•		Flow				BOD		_		SS	-										-			
		ections X					0				•															Phone #					502-54	0-6042			





DISREV

 KPDES #
 Facility ID
 Water Quality Treatement Center
 Receiving Stream of Treatment Center
 Region

 KY0078956
 MSD0277
 DEREK R. GUTHRIE
 OHIO RIVER
 WEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to SMH Sewer Manhole 25479 6102 COOPER CHAPEL RD PENNSYLVANIA RUN CATCH BASIN

Activity Code / Description WO # Ref No **Initiated By** Condition Initiated Assigned To **Disch Status Event Date Problem** Result Completed **DISREV:RAIN EVENT** 2085444 12/21/13 MARKS JR **OPS BSHIFT** DOCUMENTED 06/19/2011 LACK OF UNAUTHORIZED 12/21/13 02:00 DISCHARGE SYSTEM DISCHAGE - WATERS 11:40 am WEST PM CAPACITY

Discharge Reporting:

Discharge Amount:	1,400 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	PERSONAL HYGIENE PRODUCTS, SEWAGE, SOLIDS & DEBRIS OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIRS.
Public Notification:	I&FP RODDED THE LINE

12/14/13 1:01 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/14/13 1:01 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'





DISREV

 KPDES #
 Facility ID
 Water Quality Treatement Center
 Receiving Stream of Treatment Center
 Region

 KY0078956
 MSD0277
 DEREK R. GUTHRIE
 OHIO RIVER
 WEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to
SMH Sewer Manhole 25480 6112 COOPER CHAPEL RD FISHPOOL CREEK GROUND

Activity Code / Description WO # Ref No **Initiated By** Initiated Assigned To **Disch Status Event Date Problem** Result Completed Condition **DISREV:RAIN EVENT** 2085440 12/21/13 MARKS JR **OPS BSHIFT** DOCUMENTED 12/16/2000 **OBSTRUCTION-N** UNAUTHORIZED 12/21/13 02:00 DISCHARGE DISCHAGE - WATERS 12:00 pm WEST OT GREASE / PM ROOTS

Discharge Reporting:

Discharge Amount:	1,800 GAL
Cause:	RAIN EVENT & OBSTRUCTION IN LINE
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	PERSONAL HYGIENE PRODUCTS & SEWAGE OBSERVED
Repair:	MSD PERSONNEL RODDED THE LINE
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

12/14/13 1:01 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/14/13 1:01 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'





DISREV

Facility ID Water Quality Treatement Center KPDES# **Receiving Stream of Treatment Center** Region

MSD0277 DEREK R. GUTHRIE OHIO RIVER WEST KY0078956 (Cont'd)

WO# **Initiated By Disch Status Event Date Problem** Condition Ref No <u>Initiated</u> **Assigned To Activity Code / Description** Result Completed 2085439 12/21/2013 **OPS BSHIFT** MARKS JR DOCUMENTED **OBSTRUCTION-DISREV:RAIN EVENT** 12/16/2000 UNAUTHORIZED 12/21/13 02:00 DISCHARGE 12:15:00PM

WEST NOT GREASE / **DISCHAGE - WATERS** PM

ROOTS

Discharge Reporting:

Discharge Amount:	2,250 GAL
Cause:	RAIN EVENT & OBSTRUCTION IN LINE
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	PERSONAL HYGIENE PRODUCTS, DEBRIS & SEWAGE OBSERVED
Repair:	MSD PERSONNEL RODDED THE LINE
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

12/14/13 1:01 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
12/14/13 1:01 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'





DISREV

KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0078956MSD0277DEREK R. GUTHRIEOHIO RIVERWEST

SMH Sewer Manhole 25484 9317 LANTANA DR	PENNSYLVANIA RUN	STREAM

Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	2085563	12/22/13	MARKS JR	OPS ASHIFT	DOCUMENTED	01/13/2013	LACK OF	UNAUTHORIZED	12/22/13 02:00	
DISCHARGE		6:25 am					SYSTEM	DISCHAGE - WATERS	PM	
							CAPACITY			

Discharge Reporting:

Discharge Amount:	350 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
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

12/22/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/22/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'





DISREV

KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0078956MSD0277DEREK R. GUTHRIEOHIO RIVERWEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to
SMH Sewer Manhole 27116 10304 CAVEN AVE

Activity Code / Description WO # Ref No **Disch Status Event Date** Condition Initiated **Initiated By Assigned To Problem** Result Completed DISREV:RAIN EVENT 2085425 12/21/13 MOONEY **TELLMAN** DOCUMENTED 11/15/2011 LACK OF UNAUTHORIZED 12/22/13 07:30 MAIN DISCHARGE SYSTEM DISCHAGE - WATERS 1:22 pm PM CAPACITY

Discharge Reporting:

Discharge Amount:	46,750 GAL
Cause:	HEAVY RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED AFFECTED AREA
Control Zone:	TAPE & TEMP SIGNS
Impact:	SEWAGE
Repair:	LOCATION INCLUDED IN IOAP
Public Notification:	ADVISED CUSTOMER WITH DOOR CARD

	Notices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/14/13 1:01 am DISSNO Supplemental Email notification of unauthorized discharge has b Sayre.Dennis@epamail.epa.gov'	been sent to 'DischargeNotices@louisvillemsd.org,





DISREV

KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0078956MSD0277DEREK R. GUTHRIEOHIO RIVERWEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	29948	6810 SANDSTONE BLVD		FERN CREEK	GROUND
Astists Orde / December	140 # D-f N-	ation of the standard Ta	Disab Otatus - Frant Data - Basklans	D14	0

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
DISREV:RAIN EVENT	2085514		12/22/13	RAY	HENDERSON	DOCUMENTED	03/04/2008	LACK OF	UNAUTHORIZED	12/22/13 07:40	MAIN
DISCHARGE			2:45 am					SYSTEM	DISCHAGE - WATERS	AM	
								CAPACITY			

Discharge Reporting:

Discharge Amount:	10,500 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL WILL CLEAN THE AREA UNDER WORK ORDER NUMBER 2085643
Control Zone:	TEMP SIGNS & ADVISED CUSTOMER
Impact:	OBSERVED SEWAGE
Repair:	A SOLUTION FOR THIS IS INCLUDED IN THE IOAP
Public Notification:	ADVISED CUSTOMER & DOOR CARDS

12/22/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/22/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'





DISREV

 KPDES #
 Facility ID
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 Receiving Stream of Treatment Center
 Region

 KY0078956
 MSD0277
 DEREK R. GUTHRIE
 OHIO RIVER
 WEST

Facility Type Facility ID **Facility Address** If Pump Station, Name of Pump Station: **Receiving Stream** Discharge to DITCH SMH Sewer Manhole 31073 6808 SANDSTONE BLVD FERN CREEK **Activity Code / Description** WO # Ref No Initiated By **Disch Status Event Date** Condition Initiated Assigned To **Problem** Result Completed

 DISREV:RAIN EVENT
 2085512
 12/22/13
 RAY
 HENDERSON
 DOCUMENTED
 03/09/2011
 LACK OF
 UNAUTHORIZED
 12/22/13 03:40

 DISCHARGE
 2:37 am
 SYSTEM
 DISCHAGE - WATERS
 PM

CAPACITY

Discharge Reporting:

Discharge Amount:	22,500 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	CREATED DISCLN WO#2085643
Control Zone:	TEMP SIGNS & ADVISED CUSTOMER TO AVOID CONTACT
Impact:	OBSERVED SEWAGE
Repair:	A SOLUTION FOR THIS IS INCLUDED IN THE IOAP
Public Notification:	ADVISED CUSTOMER ON SITE & DOOR CARD

12/22/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/22/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'





DISREV

 KY0078956
 Facility ID
 Water Quality Treatement Center
 Receiving Stream of Treatment Center
 Region

 KY0078956
 MSD0277
 DEREK R. GUTHRIE
 OHIO RIVER
 WEST

Facility Type	Facility ID		Facility Address		If Pump Station, Name of Pump Station:			Receiving Stream	n Discha	Discharge to		
SMH Sewer Manhole	31074	4		6808 SANDSTONE BLVD					FERN CREEK	DITCH	DITCH	
Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition	

MOONEY UNAUTHORIZED **DISREV:RAIN EVENT** 2085442 12/21/13 CRAWFORD III DOCUMENTED 02/24/2011 LACK OF 12/22/13 03:40 MAIN DISCHARGE SYSTEM DISCHAGE - WATERS PM 3:01 pm CAPACITY

Discharge Reporting:

Discharge Amount:	36,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	CREATED DISCLN WO#2085696
Control Zone:	TAPE & TEMP SIGNS
Impact:	OBSERVED SEWAGE
Repair:	THIS SOLUTION IS INCLUDED IN THE IOAP
Public Notification:	MAS ADVISED CUSTOMER BY DOOR CARD

12/14/13 1:01 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/14/13 1:01 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'





DISREV

 KPDES #
 Facility ID
 Water Quality Treatement Center
 Receiving Stream of Treatment Center
 Region

 KY0078956
 MSD0277
 DEREK R. GUTHRIE
 OHIO RIVER
 WEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to
SMH Sewer Manhole 32682 6707 W ORELL RD STREAM

Activity Code / Description WO # Ref No **Initiated By Disch Status Event Date** Condition Initiated **Assigned To Problem** Result Completed DISREV:RAIN EVENT 2085471 12/21/13 **GRIFFITH GRIFFITH** DOCUMENTED 03/12/2006 LACK OF UNAUTHORIZED 12/22/13 12:05 DISCHARGE SYSTEM DISCHAGE - WATERS 12:05 pm PM CAPACITY

Discharge Reporting:

Discharge Amount:	100,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 2089897
Control Zone:	REMOTE LOCATION. PERMANENT SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT

12/14/13 1:01 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/14/13 1:01 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'



CAPACITY



Report Selections: Period: 12/01/2013 00:00 thru 12/31/2013 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW,

DISREV

 KPDES #
 Facility ID
 Water Quality Treatement Center
 Receiving Stream of Treatment Center
 Region

 KY0078956
 MSD0277
 DEREK R. GUTHRIE
 OHIO RIVER
 WEST

Facility Type	Facility ID		Facility Addres	ss	If Pump Sta	tion, Name of Pu	np Station:	Receiving Stream	Discha	rge to
SMH Sewer Manhole	60679		9114 CINDERI	ELLA LN				FISHPOOL CREEK	DITCH	
Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT	2085562	12/22/13	MARKS JR	OPS ASHIFT	DOCUMENTED	12/15/2007	LACK OF	UNAUTHORIZED	12/22/13 07:40	
DISCHARGE		6:00 am					SYSTEM	DISCHAGE - WATERS	PM	

Discharge Reporting:

Discharge Amount:	20,500 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

12/22/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/22/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'





DISREV

KPDES #Facility IDWater Quality Treatement CenterReceiving Stream of Treatment CenterRegionKY0078956MSD0277DEREK R. GUTHRIEOHIO RIVERWEST

Facility Type	Facility ID		Facility Address	s	If Pump Stat	tion, Name of Pu	mp Station:	Receiving Stream	Dischar	ge to
SLS Sewer Lift Station	MSD0130-PS		6102 COOPER	CHAPEL RD	COOPER C	HAPEL		FISHPOOL CREEK	DITCH	
Activity Code / Description DISREV:RAIN EVENT DISCHARGE	WO # Ref No 2085443	Initiated 12/21/13 11:45 am	Initiated By MARKS JR	Assigned To OPS BSHIFT WEST	<u>Disch Status</u> DOCUMENTED	Event Date 08/30/2005	Problem LACK OF SYSTEM CAPACITY	Result UNAUTHORIZED DISCHAGE - WATERS	Completed 12/21/13 05:15 PM	Condition

Discharge Reporting:

Discharge Amount:	8,250 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	DEBRIS, PERSONAL HYGIENE PRODUCTS & SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	MSD ADVISED PROPERTY OWNERS TO AVOID CONTACT WITH SEWAGE

12/14/13 1:01 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/14/13 1:01 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'





DISREV

 KY0078956
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 MSD0277
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 OHIO RIVER
 WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD0133-PS	10212 CAVEN AVE	CAVEN AVE	MUD CREEK	GROUND
Activity Code / Description	WO# Ref No Initiat	ed Initiated By Assigned To	Disch Status Event Date Problem	Result	Completed Condition

DISREV:RAIN EVENT 2085446 MARKS JR DOCUMENTED UNAUTHORIZED 12/21/13 **OPS BSHIFT** 04/04/2008 LACK OF 12/21/13 07:45 DISCHARGE SYSTEM **DISCHAGE - WATERS** PM 12:20 pm WEST CAPACITY

Discharge Reporting:

Discharge Amount:	22,250 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS POSTED AROUND AFFECTED AREA

Notifications:

12/14/13 1:01 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
12/14/13 1:01 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Total Facilities Printed: 11

Total Work Orders Printed:

12