

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

April 16, 2013

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

RE:

Derek Guthrie WQTC, KPDES No: KY0078956

Discharge Monitoring Report

March 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 March 2013.

There were no exceedences, bypass reports during the month of March for the Derek Guthrie WQTC.

Also included are the March overflow reports.

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 0313

Enclosures

cc: C. Roth

T. Singleton

R. Shaw



DMR Copy of Record

Permit

Major:

Permit #: KY0078956

Yes

Permittee: DEREK R GUTHRIE WQTC MSD

Exec Director

Permittee Address: 11621 LOWER RIVER RD LOUISVILLE, KY 40272

Facility Location:

Facility:

11621 LOWER RIVER RD LOUISVILLE, KY 40272

DEREK R GUTHRIE WQTC MSD

001 Permitted Feature:

External Outfall

Discharge: 001-2 MUNICIPAL WASTEWATER

Title:

Report Dates & Status From 03/01/13 to 03/31/13 **Monitoring Period:**

DMR Due Date: 04/28/13

Status:

NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name: Greg

Last Name:

Hetizman

Telephone: 502-540-6000

No Data Indicator (NODI)

Form NODI:

Parameter Monitoring Location Season # Param. NODI **Quantity or Loading Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Value 1 Qualifier 2 Units Qualifier 1 Value 1 Qualifier 2 Units Value 2 Value 2 Qualifier 3 Value 3 Sample 19 - mg/L 01/01 - Daily GR - GRAB 19 - mg/L GR - GRAB 00300 Oxygen, dissolved (DO) 1 - Effluent Gross Permit Red 2 INST MIN 01/01 - Daily Value NODI 26 - lb/d 19 - mg/L 01/01 - Daily CP - COMPOS Sample 2278 3667 11 00310 BOD, 5-day, 20 deg. C 1 - Effluent Gross Permit Reg. <= 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 01/01 - Daily CP - COMPOS Sample 78040 101929 26 - Ib/d 280 373 19 - mg/L 00310 BOD, 5-day, 20 deg. C G - Raw Sewage Influent 0 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 GR - GRAB Sample 6.9 7.6 12 - SU 01/01 - Daily 6 MINIMUM GR - GRAB 00400 pH 1 - Effluent Gross Permit Req. 9 MAXIMUM 12 - SU 0 01/01 - Daily Value NODI 26 - lb/d 01/01 - Daily CP - COMPOS Sample 1782 2349 19 - mg/L 7506 MO AVG 11259 MX WK AV 30 MO AVG 45 MX WK AV 01/01 - Daily CP - COMPOS 00530 Solids, total suspended 1 - Effluent Gross 26 - lb/d 19 - mg/L Permit Reg. <= <= Value NODI Sample 92152 126115 26 - lb/d 330 461 01/01 - Daily CP - COMPOS 19 - ma/L 00530 Solids, total suspended G - Raw Sewage Influent 0 Permit Req. Reg Mon MO AVG Reg Mon MX WK AV 26 - lb/d Reg Mon MO AVG Reg Mon MX WK AV 19 - mg/L 0 01/01 - Daily CP - COMPOS Value NODI 520 26 - lb/d 01/01 - Daily CP - COMPOS Sample 19 - mg/L 00610 Nitrogen, ammonia total (as N) 1 - Effluent Gross Permit Req. <= 5004 MO AVG 7506 MX WK AV 26 - lb/d 20 MO AVG 30 MX WK AV 19 - mg/L 01/01 - Daily CP - COMPOS Value NODI CP - COMPOS 01/01 - Daily Sample 3636 3890 26 - lb/d 13 19 - mg/L CP - COMPOS 00610 Nitrogen, ammonia total (as N) G - Raw Sewage Influent 0 Permit Rea 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 Value NODI Sample 1289 26 - lh/d 5.2 19 - mg/L 01/07 - Weekly CP - COMPOS 890 Reg Mon MX WK AV 19 - mg/L 00625 Nitrogen, Kjeldahl, total (as N) 1 - Effluent Gross Rea Mon MO AVG Rea Mon MX WK AV 26 - lb/d Rea Mon MO AVG 01/07 - Weekly CP - COMPOS Permit Rea Value NODI 26 - lb/d 01/07 - Weekly CP - COMPOS Sample 19 - mg/L 00665 Phosphorus, total (as P) 1 - Effluent Gross 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 0 01/07 - Weekly CP - COMPOS Value NODI Sample 36.33 99.97 03 - MGD 99/99 - Continuous CN - CONTIN Req Mon DAILY MX 03 - MGD 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross Permit Req. Req Mon MO AVG 99/99 - Continuous CN - CONTIN Value NODI 03 - MGD CN - CONTIN Sample 36.55 98 83 99/99 - Continuous Rea Mon DAILY MX 03 - MGD 99/99 - Continuous CN - CONTIN 50050 Flow, in conduit or thru treatment plant G - Raw Sewage Influent 0 Permit Rea Rea Mon MO AVG Value NODI Sample 0.01 19 - mg/L 01/01 - Daily GR - GRAB 50060 Chlorine, total residual Permit Req. GR - GRAB 1 - Effluent Gross .019 DAILY MX 19 - mg/L 0 01/01 - Daily <= Value NODI Sample 13 - #/100mL 01/01 - Daily GR - GRAB 74055 Coliform, fecal general 1 - Effluent Gross Permit Req. 200 30DA GEO 400 7 DA GEO 13 - #/100mL 0 01/01 - Daily GR - GRAB Value NODI Sample 23 - % 01/30 - Monthly CA - CALCTD 85 MO AV MN CA - CALCTD 81010 BOD, 5-day, percent removal K - Percent Removal Permit Red 23 - % 01/30 - Monthly Value NODI CA - CALCTD 23 - % 01/30 - Monthly Sample 98 CA - CALCTD 81011 Solids, suspended percent removal K - Percent Removal Permit Reg 85 MO MIN 23 - % 01/30 - Monthly 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, Freque	ency of Analysis, and Sample Type.	
Edit Check Errors			
No errors.			
Comments			
Attachments			
Name		Туре	Size
201303DRGWQTC_MOR.pdf		pdf	11494
201303DRGWQTC_OverflowReport.pdf		pdf	104018
201303_DGCover.pdf		pdf	13689
Penneyt Leat County Dr.			
Report Last Saved By			
DEREK R GUTHRIE WQTC MSD			
	Date/Time:	2013-04-25 12:36 (Time Zone: -04:00)	

E-Mail:

kevin.ries@louisvillemsd.org

DMR Copy of Record

Permit																				
Permit #:	KY0078	56		Permit	tee:	[DEREK R	GUTHRIE '	WQTC	MSD		Facil	ity:		[DEREK F	R GUTH	HRIE WQTC MS	3D	
Major:	Yes			Permit	tee Address:			WER RIVEI LE, KY 402				Facil	ity Loca	ation:				RIVER RD Y 40272		
Permitted Feature:	001 Externa	Outfall		Discha	rge:		001-R REASON/	ABLE POTE	ENTIAL											
Report Dates & Sta	tus			·																
Monitoring Period:	From 0	/01/13 to 03/31/1	13	DMR D	ue Date:	0	04/28/13					Statu	ıs:		١	NetDMR	Valida	ted		
Considerations for	Form Completion			,								•								
Principal Executive	Officer																			
First Name:	Greg			Title:		E	Exec Dire	ctor				Telep	ohone:		5	02-540-	6000			
Last Name:	Hetizma	1										•								
No Data Indicator (I	NODI)																			
Form NODI:																				
Parameter		Location Season	# Param. NODI			ty or Loadi					Quality or						# of Ex	c. Frequency of A	nalysis Sam	ple Type
Code Name					Qualifier 1 Value 1	Qualifier 2	2 Value 2 U	nits Qualifier	1 Value 1		0.01 Value	2 Q	Qualifier 3		/alue 3	Units		01/20 Monthly	CD (COMPOS
01032 Chromium, hexaval	lent (as Cr) 1 - Effluen	Gross 0		Sample ermit Req.							Req Mon MC			0.01 Req Mo	on DAILY MX	19 - mg/l 19 - mg/l		01/30 - Monthly 01/30 - Monthly		COMPOS
			V	alue NODI																
Submission Note																				
If a parameter row do	oes not contain any	values for the Sa	ample nor Efflue	ent Tradii	ng, then none of	the follow	ing fields	will be sub	mitted fo	or that row	/: Units, Nu	mber of	f Excurs	ions, F	requency	of Analy	sis, and	I Sample Type.		
Edit Check Errors																				
No errors.																				
Comments																				
Attachments																				
No attachments.	_																			
Report Last Saved																				
DEREK R GUTHRIE																				
	ries@louisvillems	org						Date	/Time:			20	013-04-2	25 12:	35 (Time	Zone: -0	4:00)			
	ries																			
E-Mail: kevin	ries@louisvillems	org																		

DMR Copy of Record

Permit																			
Permit #:		KY0078956			Permittee:			DERE	K R GUTH	RIE WQT	C MSD			Facility		DERE	K R GI	JTHRIE WQTC MSI	D
Major:		Yes			Permittee	Address:			LOWER R SVILLE, KY					Facilit	y Location:			ER RIVER RD , KY 40272	
Permitted Fe		001 External Outfall			•			001-Y BIOM	ONITORING	G/METALS	S/QUAI	RTERLY							
Report Date	s & Status																		
Monitoring F	Period:	From 01/01/13 to 0		DMR Due	Date:		04/28/	/13					Status	:	NetDN	IR Val	idated		
Consideration	ons for Form Co	mpletion		·										·					
Principal Ex	ecutive Officer																		
First Name:		Greg			Title:			Exec [Director					Teleph	none:	502-54	0-600	0	
Last Name:		Hetizman																	
No Data Indi	icator (NODI)			Į.															
Form NODI:																			
	arameter	Monitoring Location	Season #	# Param. NODI	I		Quantity	or Loadin	ıg				Quality or Cor	ncentration			# of l	Ex. Frequency of Analy	sis Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2 Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3		Units			
00000 Hardage	total (as CaCO3)	4 Effluent Cross	0		Sample Darmit Dar								224	=		19 - mg/L	_	01/90 - Quarterly	CP - COMPOS
00900 Hardness	, total (as CaCO3)	1 - Effluent Gross	0		Permit Req. Value NODI								Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/90 - Quarterly	G2 - GRAB-2
					Sample							=	0.047	=	0.047	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01094 Zinc, total	recoverable	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/90 - Quarterly	G2 - GRAB-2
					Value NODI Sample							<	0.001	<	0.001	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01113 Cadmium	, total recoverable	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG		Req Mon DAILY MX		0	01/90 - Quarterly	G2 - GRAB-2
					Value NODI														
044441 1 4-4-	d as as constitu	4. 550	0		Sample											19 - mg/L	_	01/90 - Quarterly	CP - COMPOS
01114 Lead, tota	ai recoverable	1 - Effluent Gross	0		Permit Req. Value NODI								Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/90 - Quarterly	G2 - GRAB-2
					Sample							<	0.01	<	0.01	19 - mg/L		01/90 - Quarterly	CP - COMPOS
01119 Copper, to	otal recoverable	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/90 - Quarterly	G2 - GRAB-2
					Value NODI Sample									<	1	2F - tox acu	te	01/90 - Quarterly	GR - GRAB
61406 Toxicity, fi	inal conc toxicity units	1 - Effluent Gross	0		Permit Req.									<=		2F - tox acu		01/90 - Quarterly	G2 - GRAB-2
					Value NODI														
Submission	Note																		
If a paramete	er row does not co	ntain any values for	r the San	mple nor Efflu	uent Tradin	g, then no	ne of th	e followin	ng fields will	be submit	tted for	that row:	Units, Number of	of Excursi	ons, Frequency of	Analysis,	and S	ample Type.	
Edit Check E	Errors																		
No errors.																			
Comments																			
Attachments	s																		
No attachments.																			
Report Last	Saved By																		
DEREK R G	UTHRIE WQTC N	ISD																	
User:	kevin.ries@lou	isvillemsd.org								Date/	/Time:			2013-04	4-25 12:34 (Time	e Zone: -0	4:00)		
Name:	kevin ries	-													·				
E-Mail:	kevin.ries@lou	isvillemsd.org																	

Na	-	Transfer and Dia					\ \ /	. Carrate NAT	P Jefferson Month of:										March				204	0								
ivame	oi Sewage	Treatment Pla	ant:				west	t County WTI	<u> </u>		_	Co	ounty	ierson			IVI	ionin oi:	•			warch			-	201:	<u>, </u>					
KPDES	Permit N	umber:		KY	0078956			Plant Capaci	ity:	3	30 MGD	_	,		Red	eiving S	trean	n:					Ohio Riv	er								
		Daw	1	_	Cattlaabl			Since all read					atal		E day.	DOD			Activated				Λ				Dia I			Final		
		Raw Sewage	pН	:	Settleable Solids (mL			issolved gen (mg/L)		uspende lids (mg/			otal s (mg/L)		5-day (mg/		-	Ret	Sludge	WAS				ation asin			Dig Sludge			rınaı		
	(C	(cu.			c.)					c.)			c.)			c.)		_		0	#	#2		_						dual		
	(MG)	ved (r Sec.		Above		<u>×</u>	r Sec.)			r Sec.)			r Sec.)		Ља	_	1000	ıg/L)	xygen (mg/L)	/L)	S (mg/L) #1	SettS.			ω	$\widehat{}$	esid	(mg/L)	Fecal Coliform Col./100ml
	Flow	Removed			y (or		٩b	_	e Re	y (or			y (or			y (or		Gal	mg/L	3al/Day X	Dissolved Oxygen (mg) L	(mg/L) #18#2	S (m	- 1		g	horu	(mg/L)	Chlorine Resic (mg/L)	Ĕ)	Solif 00m
Date	Total F		Raw	<u> </u>	ı sa	Final	Stream	Final	Stream	Primary	Final	≥	mar	Final	≥	mar.	a	io	LSS r 1000	I/De	ssolv	yge	MLSS (X1000 a	MLVSS X1000#	i.E.	_	Solids	Phosphori (mg/L)	IKN (r	lorir g/L)	NH3-N	cal (
		Grit			Raw	ίΞ	šŧ					Raw	Pri	ιĒ	Raw	i. i	Ē	Ξ	Σ×	Ga	ăŏ ă	ίδ			30	S	%	윤	¥			ළු පි
1	29.9716		7.8 7					8.0	160	_	6				158	_	6		5520				3380	2620	330.0	0.10	\longrightarrow			0.01	0.73	2
3	29.9781		7.3 7 8.6 7		-			8.0	148 194	_	6 5				149 174		10		5590				3660	2760	330.0	0.09 0.10	\longrightarrow	\longrightarrow		0.01	1.60 2.60	2
4	28.1050 26.7115		8.6 7 7.4 7					8.0	182	_	4		-		150		3		5570 4420				3310 2880	2520 2260	330.0 250.0	0.10	-+	-+		0.01	4.10	
5	29.7154		7.3 7					8.0	268	_	6				157		7		4900				3140	2440	320.0	0.09	\rightarrow	1.68	5.20	0.01	3.80	
6	36.4463		7.3 7					8.0	172		5				115		6		4500				3100	2420	270.0	0.09	\rightarrow	1.00	0.20	0.01	1.80	2
7	29.4683		7.5 7.					8.0	200	_	7				140		7		4740				2540	1980	270.0	0.11				0.01	1.30	2
8	29.5630		7.6 7.	.1				9.0	288	3	7				465		11		3680				3600	2500	250.0	0.07				0.01	1.20	2
9	29.0742		7.4 7.	.2				8.0	248	3	6				457	2	28		4970				3190	2480	290.0	0.09				0.01	1.10	4
10	27.9202		7.6 7	_				8.0	218	3	6				173		9		5040				2870	2210	300.0	0.10				0.01	1.60	5
11	70.9691		7.8 7					8.0	244	_	10				190		13		5660				3720	2880	360.0	0.10	\longrightarrow			0.01	2.00	2
12	55.8670		7.1 6					8.0	174	_	5				165		7		6000				3320	2400	300.0	0.09	\longrightarrow	0.59		0.01	0.95	
13	36.9575		7.6 7					9.0	172		5				114	-	5		6020				3600	2680	340.0	0.09	\longrightarrow	\longrightarrow	2.70	0.01	1.40	3
14	31.5055		7.6 7	_	_			8.6 8.4	202		3				133	_	5		6360				3800	2420	390.0	0.10	-+	-+		0.01	1.50	2
15 16	27.4489 28.3731		7.1 7. 7.6 7.	_	+			9.0	182 204	_	4				156 195		5		5720 4950				5280 4990	3740 3650	300.0 260.0	0.06 0.05	\rightarrow	-+		0.01	1.10 0.45	2
17	37.1485		7.4 7	_	+ +			8.2	198	_	5				173	-	6	+	4950				3340	2540	270.0	0.03	-+	-+	2.40	0.01	1.20	2
18	99.9685		7.1 7					9.0	90		9				66		7		7200				2580	1960	250.0	0.10	-+	-	2.40	0.01	0.90	2
19	61.4956		7.7 7					9.0	208	_	6				203		6		4770				2190	1560	190.0	0.09	$\neg \uparrow$	0.30		0.01	1.00	2
20	43.9926		8.1 7	_				8.9	414	+ + +	4				352		4		2720				2700	2010	220.0	0.08				0.01	7.30	2
21	36.2514		7.5 7	.2				9.0	540)	4				420		4		5790				2770	2050	250.0	0.09				0.01	0.62	2
22	29.5341		7.6 7	.4				8.8	488	3	4				210		7		5560				2830	2090	8.8	0.00				0.01	0.73	3
23	29.0450		7.1 7.	.0				9.0	556	5	6				454		8		11120				5320	3980	240.0	0.05				0.01	1.10	2
24	35.8999		7.2 7					8.0	596	_	6				590		6		9540				5860	4480	260.0	0.04	\longrightarrow			0.01	1.30	2
25	38.6516		7.2 7					8.4	618	_	5				415		5		7180				3070	2360	270.0	0.09	\longrightarrow			0.01	0.45	2
26	32.6651		7.2 7					8.9	550	_	5				482	-	6		5150				3160	2520	250.0	0.08	\longrightarrow	1.58	1.60	0.01	0.45	2
27	29.4382 27.4708		7.4 7.	_	-			8.8 8.5	228	_	5				257		9		5690 3440				3170	2540	250.0	0.08	\longrightarrow	\longrightarrow		0.01	1.30	8
28 29	25.9750		7.3 7	_				8.6	19 ²	_	6				205 229		9		3190				2250 2200	1730 1720	200.0 190.0	0.09	+	-+		0.01	2.60	
30	25.6336		7.2 7	_	+ +			8.4	124	_	6				169	-	8	+	3100				1960	1530	200.0	0.09	-+	-+		0.01	2.70	2
31	25.1166		7.3 7					8.0	1940	_	7				1360		9		2960				1760	1370	200.0	0.10	-+	-	5.50	0.01	4.10	2
Total	#######	0 0																0.0		0.0												
Avg.	36.33		7.5 7	.2				8.4	330	,	6				280		8		5348.7			- 3	275.48	2464.52	262.54	0		1.04	3.48	0.01	1.79	2
							•					•												•						•		
		Sewer Connec	tions:			0)		Industri	al Waste	Population	n Equiva	alent									Op	erator					Kerry Ka	rcher			
	ntial Conn																.=-					_						,,				
	ercial Con									346040		_		8874			4759					C	ert.#	-				#2089	91			
	ial Connec Connectio				0					Flow			В	OD			TS	5				DI-	ne#					502-540-	6042			
Cewel		113 / 4 =			<u> </u>																	FIIC) IC #	-				JUZ-J4U-	-0042			





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 SSL Sewer Service Line 160264 6023 COOPER CHAPEL RD FISHPOOL CREEK GROUND

WO # **Activity Code / Description** Initiated Initiated By Assigned To Disch Status **Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1656982 03/18/13 07:00 AM SINGLETON **OPS BSHIFT** DOCUMENTED 06/03/06 LACK OF SYSTEM **UNAUTHORIZED** 03/18/13 02:00 DISCHARGE WEST **CAPACITY** DISCHARGE-WATER PM

Spot Inspections:

Discharge Amount:	10,500 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TAPE & TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 07:00 AM	DISPUB	TAPE & TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0078956 (Cont'd) 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

WO # **Activity Code / Description** Initiated Initiated By **Assigned To** Disch Status **Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657254 03/18/13 09:41 AM SINGLETON **OPS BSHIFT** DOCUMENTED 06/19/11 LACK OF SYSTEM **UNAUTHORIZED** 03/18/13 02:00 DISCHARGE WEST **CAPACITY** DISCHARGE-WATER PM

Spot Inspections:

Discharge Amount:	3,246 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE & DEBRIS OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

03/18/13 09:41 AM	DISPUB	TEMPORARY SIGNS POSTED AROUND THE AREA
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov



DISCHARGE-WATER

PM



Report Selections: Treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI, CSO, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0078956 (Cont'd) MSD0277 DEREK R. GUTHRIE OHIO RIVER WEST

Facility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSMH Sewer Manhole2711610304 CAVEN AVEMUD CREEKSTREAM

WO # **Activity Code / Description** Initiated **Initiated By** Assigned To Disch Status **Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1654928 03/11/13 08:00 AM **FRENCH** HOLLEY DOCUMENTED 11/15/11 LACK OF SYSTEM **UNAUTHORIZED** 03/11/13 07:00

DISCHARGE CAPACITY

Spot Inspections:

Discharge Amount:	66,000 GAL
Cause:	WET WEATHER - HEAVY RAINFALL
Clean Up:	MSD TO CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	CAUTION TAPE AND TEMPORARY SIGN POSTED
Impact:	PERSONAL HYGIENE PRODUCTS, SEWAGE, SOLIDS AND DEBRIS
Repair:	AREA INCLUDED IN IOAP

03/11/13 10:56 AM	DISPUB	MSD ADVISED CUSTOMER ON SITE
03/11/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/11/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES# KY0078956 (Cont'd) **Facility ID** MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region **WEST**

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO# 1656964

<u>Initiated</u> 03/17/13 11:30 PM Initiated By SUTTON

Assigned To Disch Status HOLLEY DOCUMENTED Event Date

<u>Problem</u> LACK OF SYSTEM 11/15/11 CAPACITY

Result UNAUTHORIZED Completed Condition 03/18/13 04:23 MAIN

DISCHARGE-WATER PM

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Spot Inspections:

Discharge Amount:	102,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	MSD TO CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	MSD PLACED TAPE AND TEMPORARY SIGNS
Impact:	MSD OBSERVED PERSONAL HYGIENE PRODUCTS, DEBRIS, SEWAGE AND SOLIDS.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.

03/18/13 07:37 AM	DISPUB	MSD ADVISED CUSTOMER ON SITE.
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0078956 (Cont'd) MSD0277 DEREK R. GUTHRIE OHIO RIVER WEST

Facility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSMH Sewer Manhole299486810 SANDSTONE BLVDFERN CREEKGROUND

WO # **Activity Code / Description** Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657212 03/18/13 07:20 AM **DAVIS HENDERSON** DOCUMENTED 03/04/08 LACK OF SYSTEM **UNAUTHORIZED** 03/18/13 11:40 DISCHARGE **CAPACITY** DISCHARGE-WATER AM

Spot Inspections:

Discharge Amount:	12,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD TO CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	CAUTION TAPE, TEMP SIGNS
Impact:	SEWAGE
Repair:	LOCATION INCLUDED IN IOAP

03/18/13 09:44 AM	DISPUB	advised customers in the area with the use of door cards
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0078956 (Cont'd) 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 31073 6808 SANDSTONE BLVD FERN CREEK DITCH

WO # **Activity Code / Description** Initiated Initiated By Assigned To **Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657215 03/18/13 07:40 AM **DAVIS HENDERSON** DOCUMENTED 03/09/11 LACK OF SYSTEM **UNAUTHORIZED** 03/18/13 11:40 DISCHARGE **CAPACITY** DISCHARGE-WATER AM

Spot Inspections:

Discharge Amount:	12,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD TO CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	SEWAGE
Repair:	AREA INCLUDED IN IOAP

03/18/13 09:49 AM	DISPUB	customers notified by door cards
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0078956 (Cont'd) 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 31074 6808 SANDSTONE BLVD FERN CREEK DITCH

WO # **Activity Code / Description** Initiated Initiated By Assigned To **Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657213 03/18/13 07:30 AM **DAVIS HENDERSON** DOCUMENTED 02/24/11 LACK OF SYSTEM **UNAUTHORIZED** 03/18/13 11:40 DISCHARGE **CAPACITY** DISCHARGE-WATER AM

Spot Inspections:

Discharge Amount:	12,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD TO CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	SEWAGE
Repair:	AREA INCLUDED IN IOAP

03/18/13 09:47 AM	DISPUB	customers notified by door cards
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0078956 (Cont'd)	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	41545	4705 NOTTINGHAMSHIRE DR		FERN CREEK	CATCH BASIN

Activity Code / Description	WO #	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	Result	Completed	Condition
DISREV: RAIN EVENT	1656512	03/14/13 06:55 PM	BALLARD	ROCK	REPAIRED -	03/14/13	ROOTS	UNAUTHORIZED	03/14/13 07:30	
DISCHARGE					ISSUE			DISCHARGE-WATER	PM	
					RESOLVED			S		

Spot Inspections:

Discharge Amount:	750 GAL
Cause:	ROOTS OBSTRUCTION CAUSED MANHOLE TO OVERFLOW
Clean Up:	CONTRACTOR CLEANED AND SANITIZED THE AREA
Control Zone:	MSD ADVISED THE CUSTOMER BY POSTING TEMPORARY SIGNS.
Impact:	OBSERVED DEBRIS, SEWAGE, AND TOILET PAPER.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.

03/14/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/14/13 03:36 PM	DISPUB	Residents advised on site.





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0078956 (Cont'd) MSD0277 DEREK R. GUTHRIE OHIO RIVER WEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SLS Sewer Lift Station MSD0101-PS 9317 LANTANA DR LANTANA DRIVE #1 PENNSYLVANIA RUN DITCH

WO # **Activity Code / Description Initiated** Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657257 03/18/13 09:45 AM SINGLETON **OPS BSHIFT** DOCUMENTED 03/18/13 LACK OF SYSTEM **UNAUTHORIZED** 03/18/13 01:30 DISCHARGE WEST **CAPACITY** DISCHARGE-WATER PM

Spot Inspections:

Discharge Amount:	11,250 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.

03/18/13 09:45 AM	DISPUB	TEMPORARY SIGNS POSTED AROUND THE AREA
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0078956 (Cont'd) MSD0277 DEREK R. GUTHRIE OHIO RIVER WEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SLS Sewer Lift Station MSD0130-PS 6102 COOPER CHAPEL RD COOPER CHAPEL FISHPOOL CREEK DITCH

WO # **Activity Code / Description Initiated** Initiated By Assigned To **Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1655128 03/11/13 01:55 PM SINGLETON **OPS BSHIFT** DOCUMENTED 08/30/05 LACK OF SYSTEM **UNAUTHORIZED** 03/11/13 04:00 DISCHARGE WEST **CAPACITY** DISCHARGE-WATER PM

Spot Inspections:

Discharge Amount:	3,125 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED AROUND THE AREA
Impact:	SEWAGE & DEBRIS OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

03/11/13 01:55 PM	DISPUB	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA
03/11/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/11/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0078956 (Cont'd) MSD0277 DEREK R. GUTHRIE OHIO RIVER WEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to SLS Sewer Lift Station MSD1010-PS 5006 LEA ANN WAY LEA ANN WAY NORTHERN DITCH STREAM

WO # **Activity Code / Description Initiated** Initiated By Assigned To **Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657265 03/18/13 09:10 AM SINGLETON **OPS BSHIFT** DOCUMENTED 12/15/07 PUMPED OVERFLOW **UNAUTHORIZED** 03/18/13 12:30 WEST DISCHARGE DISCHARGE-WATER PMS

Spot Inspections:

Discharge Amount:	662,400 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	NO DEBRIS TO CLEAN
Control Zone:	TAPE & TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

03/18/13 09:10 AM	DISPUB	TAPE & TEMPORARY SIGNS PLACED AROUND THE AREA
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0078956 (Cont'd) MSD0277 DEREK R. GUTHRIE OHIO RIVER WEST

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SLS Sewer Lift Station MSD1013-PS 9114 CINDERELLA LN CINDERELLA CINDERELLA LN FISHPOOL CREEK DITCH

WO # **Activity Code / Description Initiated** Initiated By Assigned To **Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1657255 03/18/13 09:55 AM SINGLETON **OPS BSHIFT** DOCUMENTED 11/29/01 LACK OF SYSTEM **UNAUTHORIZED** 03/18/13 01:00 DISCHARGE WEST **CAPACITY** DISCHARGE-WATER PM

Spot Inspections:

Discharge Amount:	4,625 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.

03/18/13 09:55 AM	DISPUB	TEMPORARY SIGNS POSTED AROUND THE AREA
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov





KPDES # Facility ID Water Quality Treatement Center Receiving Stream of Treatment Center Region
KY0078956 (Cont'd) MSD0277 DEREK R. GUTHRIE OHIO RIVER WEST

Facility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSLS Sewer Lift StationMSD1203-PS4005 KIRBY LNKIRBY LANEFERN CREEKSTREAM

WO # **Activity Code / Description Initiated** Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition DISREV: RAIN EVENT 1656988 03/18/13 07:21 AM SINGLETON **OPS BSHIFT ELIMINATED** 04/01/13 LACK OF SYSTEM **UNAUTHORIZED** 03/18/13 02:30 DISCHARGE CENTRAL CAPACITY DISCHARGE-WATER PM

Spot Inspections:

Discharge Amount:	42,900 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEAN-UP
Control Zone:	SIGNS PLACED
Impact:	NO IMPACT OBSERVED- PIPE DISCHARGE SUBMERGED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 07:21 AM	DISPUB	SIGNS PLACED AROUND THE EFFECTED AREA
03/18/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov

Total Facilities Printed: 12
Total Work Orders Printed: 13