



700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.540.6000 | LouisvilleMSD.org

October 14, 2017

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

**Re: Derek Guthrie Water Quality Treatment Center
KPDES Permit No. KY0078956,
Discharge monitoring report for September 2017.**

Dear Ms. Cheryl Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Derek Guthrie WQTC, KPDES No: KY0078956, for the month of September 2017.

There were no exceedances or bypass reports for the Derek Guthrie WQTC.

Also attached is an overflow and 3rd quarter Biomonitoring report.

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

Sincerely,

Kevin Thompson
Process Supervisor, West Region

KLT/West County 09/17
Enclosures

cc: C. Roth
V. Graves
R. Shaw

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
201709_DRG_COVERLETTER.pdf	pdf	112219
201709_DRG_MOR.pdf	pdf	112758
201709DRGWQTCOverflowReport.pdf	pdf	100913

Report Last Saved By**Derek R Guthrie WQTC MSD**

User: WRIGHTDUANE
Name: Duane Wright
E-Mail: duane.wright@louisvillemsd.org
Date/Time: 2017-10-23 13:27 (Time Zone: -04:00)

Report Last Signed By

User: kevin.thompson@louisvillemsd.org
Name: Kevin Thompson
E-Mail: kevin.thompson@louisvillemsd.org
Date/Time: 2017-10-24 07:25 (Time Zone: -04:00)

DMR Copy of Record

Permit																			
Permit #:	KY0078956			Permittee:	Derek R Guthrie WQTC MSD			Facility:	DEREK R GUTHRIE WQTC MSD										
Major:	Yes			Permittee Address:	700 W Liberty St Louisville, KY 40203			Facility Location:	11621 LOWER RIVER RD LOUISVILLE, KY 40272										
Permitted Feature:	001 External Outfall			Discharge:	001-R REASONABLE POTENTIAL														
Report Dates & Status																			
Monitoring Period:	From 09/01/17 to 09/30/17			DMR Due Date:	10/28/17			Status:	NetDMR Validated										
Considerations for Form Completion																			
Principal Executive Officer																			
First Name:	James A.			Title:	Executive Director			Telephone:	502-540-6000										
Last Name:	Parrott																		
No Data Indicator (NODI)																			
Form NODI:	--																		
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value 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
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--								<	0.005		<	0.005	19 - mg/L	01/30 - Monthly	CP - COMPOS
													Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
Submission Note																			
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Edit Check Errors																			
No errors.																			
Comments																			
Attachments																			
No attachments.																			
Report Last Saved By																			
Derek R Guthrie WQTC MSD																			
User:	WRIGHTDUANE																		
Name:	Duane Wright																		
E-Mail:	duane.wright@louisvillemd.org																		
Date/Time:	2017-10-23 13:23 (Time Zone: -04:00)																		
Report Last Signed By																			
User:	kevin.thompson@louisvillemd.org																		
Name:	Kevin Thompson																		
E-Mail:	kevin.thompson@louisvillemd.org																		
Date/Time:	2017-10-24 07:26 (Time Zone: -04:00)																		

DMR Copy of Record

Permit					
Permit #:	KY0078956	Permittee:	Derek R Guthrie WQTC MSD	Facility:	DEREK R GUTHRIE WQTC MSD
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203	Facility Location:	11621 LOWER RIVER RD LOUISVILLE, KY 40272
Permitted Feature:	001 External Outfall	Discharge:	001-Y BIOMONITORING/METALS/QUARTERLY		

Report Dates & Status					
Monitoring Period:	From 07/01/17 to 09/30/17	DMR Due Date:	10/28/17	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	James A.	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Parrott				

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
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	229		=	229	19 - mg/L	0	01/90 - Quarterly	G2 - GRAB-2
					Permit Req.														
					Value NODI														
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.043		=	0.043	19 - mg/L	0	01/90 - Quarterly	G2 - GRAB-2
					Permit Req.														
					Value NODI														
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.0001		<	0.0001	19 - mg/L	0	01/90 - Quarterly	G2 - GRAB-2
					Permit Req.														
					Value NODI														
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.001		<	0.001	19 - mg/L	0	01/90 - Quarterly	G2 - GRAB-2
					Permit Req.														
					Value NODI														
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.004		=	0.004	19 - mg/L	0	01/90 - Quarterly	G2 - GRAB-2
					Permit Req.														
					Value NODI														
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample									<	1	2F - tox acute	0	01/90 - Quarterly	G2 - GRAB-2
					Permit Req.														
					Value NODI														

Submission Note
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Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
Derek R Guthrie WQTC MSD

User: WRIGHTDUANE
Name: Duane Wright
E-Mail: duane.wright@louisvillemsd.org
Date/Time: 2017-10-23 13:26 (Time Zone: -04:00)

Report Last Signed By
User: kevin.thompson@louisvillemsd.org
Name: Kevin Thompson
E-Mail: kevin.thompson@louisvillemsd.org
Date/Time: 2017-10-24 07:27 (Time Zone: -04:00)

Report Selections: Period: 09/01/2017 00:00 thru 09/30/2017 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 Treatment 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	25484	9317 LANTANA DR		PENNSYLVANIA RUN	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2797756		09/02/2017	ROTTET JR	REYNOLDS	DOCUMENTED	01/13/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	09/02/17 04:50 AM	

Discharge Reporting:

Discharge Amount:	1,160 GAL
Cause:	LACK OF CAPACITY (EXCESSIVE RAIN)
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS
Impact:	SEWAGE
Repair:	A SOLUTION CAN BE FOUND IN THE IOAP
Public Notification:	TEMPORARY SIGNS

Notifications:

9/2/17 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: 09/01/2017 00:00 thru 09/30/2017 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 Treatment 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	60679	9114 CINDERELLA 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 DISCHARGE	2797746		09/02/2017	ROTTET JR	REYNOLDS	DOCUMENTED	12/15/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	09/02/17 06:30 AM	

Discharge Reporting:

Discharge Amount:	1,830 GAL
Cause:	LACK OF CAPACITY (EXCESSIVE RAIN)
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS
Impact:	SEWAGE
Repair:	A SOLUTION CAN BE FOUND IN THE IOAP
Public Notification:	TEMPORARY SIGNS

Notifications:

8/30/17 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
8/30/17 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Total Facilities Printed: 2

Total Work Orders Printed: 2