



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

July 19, 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 June 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 June 2017.

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

Also attached are the 2nd quarter Biomonitoring DMR.

There was one exceedance for the month of June for a result of 5.8 on the effluent P.H. Operations found the Sodium Bisulfite system not tracking properly. We recalibrated the system and the plant effluent went back into compliance.

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 06/17
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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00400	pH	1 - Effluent Gross	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

Comments**Attachments**

Name	Type	Size
201706_drg_mor.pdf	pdf	115098
201706_DRG_COVERLETTER.pdf	pdf	101981

Report Last Saved By

Derek R Guthrie WQTC MSD

User: kevin.thompson@louisvillemsd.org

Date/Time: 2017-07-21 12:50 (Time Zone: -04:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

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 06/01/17 to 06/30/17			DMR Due Date:	07/28/17			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.	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				
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample Permit Req.							<	0.005		<	0.005	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
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																					
Derek R Guthrie WQTC MSD																					
User:	WRIGHTDUANE			Date/Time:	2017-07-21 10:27 (Time Zone: -04:00)																
Name:	Duane Wright																				
E-Mail:	duane.wright@louisvillemsd.org																				

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 04/01/17 to 06/30/17	DMR Due Date: 07/28/17	Status: NetDMR Validated
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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						=	232		=	232	19 - mg/L	0	01/90 - Quarterly	G2 - GRAB-2		
					Permit Req.																
					Value NODI																
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.04		=	0.04	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						=	0.005		=	0.005	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.											<=	1 DAILY MX	2F - tox acute	0	01/90 - Quarterly	G2 - GRAB-2
					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

Derek R Guthrie WQTC MSD

User: WRIGHTDUANE	Date/Time: 2017-07-21 10:28 (Time Zone: -04:00)
Name: Duane Wright	
E-Mail: duane.wright@louisvillemsd.org	

