



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

December 12, 2016

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

**Re: Derek Guthrie Water Quality Treatment Centers  
KPDES Permit No. KY0078956**

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

There were no exceedences, overflow or bypass reports for the month of November 2016 for the Derek Guthrie WQTC.

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 11/16  
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
DRG_Cover_112016.pdf	pdf	165802
DRG_MOR_112016.xls	xls	125952

**Report Last Saved By**

**Derek R Guthrie WQTC MSD**

User: kessel@louisvillemsd.org | Date/Time: 2016-12-14 14:13 (Time Zone: -05:00)  
Name: John Kessel  
E-Mail: kessel@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 11/01/16 to 11/30/16				DMR Due Date:	12/28/16				Status:	NetDMR Validated										
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:	James A.				Title:	Exec 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. Value NODI							<	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																					
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:	kevin.ries@louisvillemsd.org										Date/Time:	2016-12-14 14:12 (Time Zone: -05:00)									
Name:	Kevin Ries																				
E-Mail:	kevin.ries@louisvillemsd.org																				

Name of Sewage Treatment Plant: West County WTP Jefferson County Month of: November 2016  
 KPDES Permit Number: KY0078956 Plant Capacity: 30 MGD Receiving Stream: Ohio River

Date	Total Flow (MG)	Raw Sewage		pH		Settleable Solids (mL/L)			Dissolved Oxygen (mg/L)			Suspended Solids (mg/L)			Total Solids (mg/L)			5-day BOD (mg/L)			Activated Sludge		Aeration Basin						Dig Sludge	Final									
		Grit Removed (cu. ft.)	Screenings (cu. ft.)	Raw	Final	Raw	Primary (or Sec.)	Final	Stream Above	Final	Stream Below	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Million Gal/Day	MLSS mg/L X 1000	WAS	Gal/Day X 1000	Oxygen (mg/L) #1	Oxygen (mg/L) #2	MLSS (mg/L) X1000 #1&#2	MLVSS (mg/L) X1000 #1&#2	30 min. Sett.	SVI	% Solids	Phosphorus (mg/L)	TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Fecal Coliform Col./100ml	Hexavalent Chromium	Hardness	
1	17.55			7.4	6.9				7.0	198	7			179	11			3520								3020	2450	100.0	0.03				0.01	2.10	2				
2	17.98			7.2	6.9				7.0	226	6			188	9			3120								2150	1830	100.0	0.05				0.02	2.00	1				
3	18.03			7.1	7.1				7.0	208	7			188	14			3280								3030	2550	100.0	0.03				0.02	2.70	1				
4	16.68			7.2	7.0				7.0	285	10			259	10			3370								3570	2880	90.0	0.03				0.02	2.40	1				
5	16.46			7.4	7.2				7.0	285	8			274	7			3210								2220	1750	130.0	0.06				0.02	2.50	2				
6	16.82			7.6	7.2				7.0	262	6			211	7			3100								2030	1600	120.0	0.06				0.02	2.80	3				
7	16.77			7.1	7.0				7.0	330	5			252	8			2900								1970	1630	130.0	0.07		5.00		0.02	3.40	1				
8	19.04			7.1	7.3				7.0	284	8			213	12			3210								2210	1880	110.0	0.05	2.15			0.02	3.60	5		207		
9	17.31			7.2	7.1				7.0	300	7			297	12			3140								1740	1470	100.0	0.06				0.02	4.50	3	0.005			
10	16.93			7.2	7.0				7.0	398	6			277	8			3330								1890	1610	100.0	0.05				0.02	3.90	1				
11	16.84			7.1	6.9				7.0	295	6			338	6			3220								1920	1530	100.0	0.05				0.02	3.80	2				
12	17.00			7.2	7.0				7.0	255	7			277	15			3540								2170	1710	110.0	0.05				0.02	3.80	5				
13	16.80			7.2	7.0				7.0	332	7			290	12			3230								1990	1560	120.0	0.06				0.02	4.20	3				
14	17.22			7.2	7.2				7.0	344	6			280	11			2990								1820	1500	110.0	0.06		7.10		0.02	5.80	2				
15	16.53			7.4	7.2				7.0	356	7			252	16			3440								2020	1600	100.0	0.05	4.29			0.02	5.80	5				
16	16.21			7.3	7.1				7.0	284	7			339	6			3630								1900	1590	110.0	0.06				0.02	5.60	1				
17	20.74			7.1	7.1				7.0	292	19			242	24			3150								1650	1380	100.0	0.06				0.02	8.40	1				
18	24.68			7.1	7.1				7.0	102	6			210	8			4740								2040	1600	100.0	0.05				0.02	9.00	19				
19	17.16			7.3	7.2				7.0	270	5			248	7			3440								2380	1880	120.0	0.05				0.02	7.40	2				
20	17.22			7.3	7.2				7.0	168	10			199	13			3420								1910	1460	120.0	0.06				0.02	6.80	2				
21	15.28			7.4	6.9				7.0	330	7			295	14			4350								1860	1450	110.0	0.06		8.00		0.02	6.60	7				
22	17.09			7.3	7.1				7.0	432	7			361	15			4120								1800	1410	115.0	0.06	2.02			0.02	5.40	3				
23	16.88			7.3	7.0				7.0	185	8			193	15			3780								2130	1740	120.0	0.06				0.02	5.90	4				
24	19.80			6.9	7.2				7.0	225	8			221	13			3920								2075	1610	120.0	0.06				0.02	5.60	3				
25	16.76			6.9	7.1				7.0	195	8			200	10			3980								2420	1870	120.0	0.05				0.02	5.90	3				
26	16.40			7.0	7.0				7.0	280	7			286	9			3710								2090	1640	120.0	0.06				0.02	6.50	2				
27	17.43			7.4	7.0				7.0	240	8			206	10			3490								2020	1590	130.0	0.06				0.02	6.10	3				
28	17.31			7.3	7.2				7.0	254	18			165	22			3940								5150	3850	85.0	0.02		9.30		0.02	6.80	3				
29	57.29			7.6	7.1				7.0	150	11			103	14			5780								1550	1230	90.0	0.06	0.91			0.02	4.90	1				
30	30.16			7.2	7.1				7.0	270	6			223	6			4980								2110	1670	120.0	0.06				0.02	4.80	5				
31																																							
Total		0	0																																				
Avg.	19.28			7.2	7.1				7.0	268	8			242	11			3634.3								2228	1784.00	110.00	0	2.30	7.35	0.02	4.97	2	0.005	207			

Total Number of Sewer Connections: 0 Industrial Waste Population Equivalent \_\_\_\_\_ Operator Scott Reed  
 Residential Connections: \_\_\_\_\_  
 Commercial Connections: \_\_\_\_\_ 183609 Flow 229074 BOD 205067 TSS Cert. # #15689  
 Industrial Connections: \_\_\_\_\_  
 Sewer Connections X 4 = 0 Phone # 502-540-6042