



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

May 20, 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  
April 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 April 2013.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "John Kessel", written over a white background.

John Kessel  
Process Supervisor, West Region

JMK/West County 0413

Enclosures

cc: C. Roth  
T. Singleton  
R. Shaw



Beneficial Use of Louisville's Biosolids  
[www.louisvillegreen.com](http://www.louisvillegreen.com)



**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
201304DG_Cover.pdf	pdf	13590

**Report Last Saved By**

**DEREK R GUTHRIE WQTC MSD**

User: kevin.ries@louisvillemsd.org | Date/Time: 2013-05-22 14:30 (Time Zone: -04:00)  
Name: kevin ries  
E-Mail: kevin.ries@louisvillemsd.org

**DMR Copy of Record**

<b>Permit</b>																			
Permit #:	KY0078956	Permittee:	DEREK R GUTHRIE WQTC MSD						Facility:	DEREK R GUTHRIE WQTC MSD									
Major:	Yes	Permittee Address:	11621 LOWER RIVER RD LOUISVILLE, KY 40272						Facility Location:	11621 LOWER RIVER RD LOUISVILLE, KY 40272									
Permitted Feature:	001 External Outfall	Discharge:	001-R REASONABLE POTENTIAL																
<b>Report Dates &amp; Status</b>																			
Monitoring Period:	From 04/01/13 to 04/30/13				DMR Due Date:	05/28/13			Status:	NetDMR Validated									
<b>Considerations for Form Completion</b>																			
<b>Principal Executive Officer</b>																			
First Name:	Greg				Title:	Exec Dir.						Telephone:	502-540-6000						
Last Name:	Hetizman																		
<b>No Data Indicator (NODI)</b>																			
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	--								<	0.01		<	0.01	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
<b>Submission Note</b>																			
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.																			
<b>Edit Check Errors</b>																			
No errors.																			
<b>Comments</b>																			
<b>Attachments</b>																			
No attachments.																			
<b>Report Last Saved By</b>																			
<b>DEREK R GUTHRIE WQTC MSD</b>																			
User:	kevin.ries@louisvillemsd.org						Date/Time:	2013-05-22 14:03 (Time Zone: -04:00)											
Name:	kevin ries																		
E-Mail:	kevin.ries@louisvillemsd.org																		

Name of Sewage Treatment Plant: West County WTP Jefferson County Month of: April 2013

KPDES Permit Number: KY0078956 Plant Capacity: 30 MGD Receiving Stream: Ohio River

Date	Total Flow (MG)	Raw Sewage		pH		Settleable Solids (mg/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	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. SettS.	SVI	% Solids	Phosphorus (mg/L)	TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Fecal Coliform Col./100ml		
																																				Return	WAS
1	23.5531			7.0	7.1				8.2		11600		6				2300		7			3780					2310	1810	180.0	0.08				0.01	2.50	2	
2	22.0030			6.9	7.1				8.1		240		5				234		6			3070					2140	1720	180.0	0.08	0.86			0.01	3.50	2	
3	22.2215			7.0	7.0				8.2		390		7				404		8			2840					1920	1530	180.0	0.09				0.01	4.00	32	
4	21.5487			7.2	7.1				8.1		474		6				362		10			3550					1990	1590	170.0	0.09				0.01	4.70	2	
5	21.0453			7.4	7.1				8.0		462		7				836		16			3440					2230	1790	180.0	0.08				0.01	4.30	3	
6	21.2981			7.8	7.3				8.0		474		8				630		5			3010					1840	1450	170.0	0.09				0.01	4.00	44	
7	21.3826			7.3	7.0				8.0		408		6				381		5			2610					2370	1810	150.0	0.06		6.30		0.01	4.60	3	
8	21.5936			7.2	7.0				8.0		212		6				206		5			2630					2030	1620	150.0	0.07				0.01	3.60	2	
9	22.2312			7.0	7.2				8.1		232		6				184		6			2990					2030	1590	150.0	0.07				0.01	3.80	2	
10	21.2122			7.4	7.2				8.0		326		7				614		11			3390					2270	1770	150.0	0.07	1.18			0.01	4.10	6	
11	28.6441			7.5	7.5				8.0		266		11				189		12			3700					2480	1950	170.0	0.07				0.01	4.40	8	
12	37.0570			7.8	7.2				8.0		176		10				93		9			4090					1790	1380	130.0	0.07				0.01	2.50	2	
13	29.4841			7.5	7.5				8.0		162		9				124		8			4650					1680	1310	140.0	0.08				0.01	2.80	2	
14	27.0090			7.7	7.5				8.0		172		8				136		20			3250					2210	1700	160.0	0.07		5.20		0.01	3.20	2	
15	24.5235			7.5	7.4				8.0		216		5				123		6			3450					2750	2120	170.0	0.06				0.01	3.50	2	
16	23.6587			7.7	7.7				8.0		176		7				140		8			4680					2110	1650	150.0	0.07	1.07			0.01	3.00	2	
17	29.8556			8.4	7.1				7.6		164		7				81		9			4090					2430	1870	160.0	0.07				0.01	3.00	2	
18	27.0979			7.3	7.3				6.6		198		7				120		9			3480					2130	1670	170.0	0.08				0.01	2.60	2	
19	52.1040			7.1	7.2				6.9		132		15				78		24			4390					1600	1220	130.0	0.08				0.01	2.70	2	
20	36.6457			7.4	7.2				9.0		120		8				78		9			3810					2320	1740	150.0	0.06				0.01	2.20	7	
21	30.2226			7.7	7.7				8.0		182		5				147		11			3170					1740	1310	140.0	0.08		4.80		0.01	4.00	3	
22	27.0649			9.2	7.6				8.0		170		4				122		6			4260					2250	1650	150.0	0.07				0.01	2.30	3	
23	25.7608			7.5	7.2				8.0		178		5				124		5			3480					2150	1600	150.0	0.07	0.34			0.01	2.40	4	
24	37.2031			7.1	7.1				8.0		182		8				119		7			4430					1990	1490	170.0	0.09				0.01	3.50	2	
25	33.9625			7.3	7.4				9.0		110		5				74		8			4170					2090	1590	160.0	0.08				0.01	2.50	10	
26	28.6904			7.7	7.3				8.3		146		4				102		7			3210					2100	1560	170.0	0.08				0.01	2.40	3	
27	27.1822			7.5	7.2				8.0		174		3				128		8			3330					2560	1910	150.0	0.06				0.01	3.10	2	
28	32.2584			7.3	7.0				7.8		186		5				138		12			3410					1990	1490	160.0	0.08				0.01	3.30	3	
29	29.9591			7.0	7.0				8.0		182		4				128		12			3220					2400	1860	160.0	0.07				0.01	3.20	4	
30	26.5744			7.5	7.0				8.0		162		4				129		10			3070					2000	1540	160.0	0.08	1.09	4.90		0.01	3.60	4	
31																																					
Total	####	0	0																		0.0		0.0														
Avg.	27.77			7.5	7.2				8.0		609		7				284		9			3555.0					2130.00	1643.00	158.67	0	0.91	5.30	0.01	3.31	3		

Total Number of Sewer Connections: 0 Industrial Waste Population Equivalent \_\_\_\_\_ Operator S Patterson  
 Residential Connections: \_\_\_\_\_  
 Commercial Connections: \_\_\_\_\_ 264459 Flow 387068 BOD 671676 TSS Cert. # #5879  
 Industrial Connections: \_\_\_\_\_  
 Sewer Connections X 4 = 0 Phone # 502-540-6041