



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

June 18, 2015

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

RE: Derek Guthrie WQTC, KPDES No: KY0078956  
Discharge Monitoring Report, May 2015

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 May 2015.

There were no overflow, exceedences or bypasses reports for the month of May 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 "J. Kessel", written in a cursive style.

John Kessel  
Process Supervisor, West Region

JMK/West County 05/15  
Enclosures

cc: C. Roth  
T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids*  
*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
WCMOR052015.xlsx	xlsx	45481
DRG_Cover.pdf	pdf	45297

**Report Last Saved By**

**DEREK R GUTHRIE WQTC MSD**

User: kessel@louisvillemsd.org | Date/Time: 2015-06-24 12:58 (Time Zone: -04:00)  
Name: John Kessel  
E-Mail: kessel@louisvillemsd.org

## DMR Copy of Record

<b>Permit</b>																			
<b>Permit #:</b>	KY0078956			<b>Permittee:</b>	DEREK R GUTHRIE WQTC MSD				<b>Facility:</b>	DEREK R GUTHRIE WQTC MSD									
<b>Major:</b>	Yes			<b>Permittee Address:</b>	11621 LOWER RIVER RD LOUISVILLE, KY 40272				<b>Facility Location:</b>	11621 LOWER RIVER RD LOUISVILLE, KY 40272									
<b>Permitted Feature:</b>	001 External Outfall			<b>Discharge:</b>	001-R REASONABLE POTENTIAL														
<b>Report Dates &amp; Status</b>																			
<b>Monitoring Period:</b>	From 05/01/15 to 05/31/15			<b>DMR Due Date:</b>	06/28/15				<b>Status:</b>	NetDMR Validated									
<b>Considerations for Form Completion</b>																			
<b>Principal Executive Officer</b>																			
<b>First Name:</b>	Greg			<b>Title:</b>	Exec Director				<b>Telephone:</b>	502-540-6000									
<b>Last Name:</b>	Hetizman																		
<b>No Data Indicator (NODI)</b>																			
<b>Form NODI:</b>	--																		
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			
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample					<	0.004			<	0.004	19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Permit Req.						Req Mon MO AVG				Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI														
<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.																			
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<b>Attachments</b>																			
No attachments.																			
<b>Report Last Saved By</b>																			
<b>DEREK R GUTHRIE WQTC MSD</b>																			
<b>User:</b>	kevin.ries@louisvillemtd.org				<b>Date/Time:</b>	2015-06-24 12:58 (Time Zone: -04:00)													
<b>Name:</b>	Kevin Ries																		
<b>E-Mail:</b>	kevin.ries@louisvillemtd.org																		

Name of Sewage Treatment Plant:

West County WTP

Jefferson

Month of:

May

2015

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	Gal/Day X 1000	Dissolved Oxygen (mg/L) #1	Dissolved Oxygen (mg/L) #2	MLSS (mg/L) X 1000 #1&#2	MLVSS (mg/L) X 1000 #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
1	36.4430			6.7	6.8				8.0		150		8				117		12		5650					2730	2020	180.0	0.07				0.02	2.40	3
2	35.5290			7.0	7.0				9.0		150		8				156		13		5790					3150	2370	190.0	0.06				0.02	2.30	4
3	35.1260			6.5	6.7				8.0		170		7				127		14		5530					3030	2310	190.0	0.06				0.02	2.70	3
4	34.9590			6.5	6.4				7.5		192		7				137		15		5230					3060	2320	185.0	0.06				0.02	2.60	5
5	33.7980			6.8	7.3				7.5		232		4				135		8		5200					2860	2140	175.0	0.06	0.99	3.70	0.02	2.50	4	
6	33.4000			7.0	7.0				8.0		158		2				108		6		5070					2760	2080	170.0	0.06				0.02	2.20	7
7	33.0700			6.4	6.7				8.0		150		8				112		11		5200					3120	2380	180.0	0.06				0.02	2.40	5
8	31.8800			7.0	7.0				7.0		192		4				143		9		4970					2880	2180	170.0	0.06				0.02	2.60	4
9	34.4130			6.9	6.8				8.0		182		5				109		8		4870					2680	2040	160.0	0.06				0.02	2.80	3
10	32.5760			6.9	6.9				7.0		158		10				120		17		4600					2500	1920	150.0	0.06				0.02	2.80	6
11	33.5690			6.7	6.4				7.0		216		9				141		16		4230					2720	2120	150.0	0.06			4.60	0.02	3.20	3
12	35.1550			6.9	6.4				7.2		192		9				167		12		5200					2320	1760	150.0	0.06	3.18		0.02	2.90	20	
13	31.7470			6.6	6.4				7.2		212		8				146		12		4230					2460	1900	150.0	0.06				0.02	2.80	6
14	31.1990			6.8	6.3				7.1		202		10				137		14		4470					2560	1940	150.0	0.06				0.02	3.20	5
15	30.9060			6.8	6.3				6.8		185		10				148		13		4530					2660	2040	140.0	0.05				0.02	3.20	2
16	32.5960			6.9	6.3				7.5		210		10				168		13		4820					2770	2100	140.0	0.05				0.02	3.00	4
17	35.8540			6.8	6.3				7.2		220		5				173		12		4850					2570	1970	140.0	0.05				0.02	2.90	7
18	36.8730			6.4	6.8				7.0		180		9				139		15		4830					2480	1980	150.0	0.06			4.20	0.02	2.80	17
19	33.1370			6.6	6.6				7.0		210		9				148		18		4670					2420	1900	150.0	0.06	1.25		0.02	3.10	16	
20	31.2870			6.7	6.4				7.1		204		4				173		9		4430					2700	2080	145.0	0.05				0.02	3.00	15
21	30.0720			6.6	6.8				7.0		296		3				231		7		4470					2460	1880	150.0	0.06				0.02	2.80	12
22	28.9990			6.8	6.8				8.0		255		11				202		11		4430					2800	2220	150.0	0.05				0.02	2.70	8
23	28.4010			6.5	7.8				7.0		260		12				266		14		4350					3580	2770	150.0	0.04				0.02	2.30	5
24	27.1930			6.5	6.6				7.0		310		10				212		14		4070					3160	2470	140.0	0.04				0.02	2.40	2
25	32.7550			6.6	6.5				8.0		197		6				139		10		4240					2530	1970	150.0	0.06				0.02	4.00	2
26	36.6750			6.7	6.8				7.0		408		7				222		9		4180					2160	1700	120.0	0.06	1.33	11.00	0.02	9.50	3	
27	39.0440			6.5	6.7				7.0		194		5				143		12		4820					2360	1880	130.0	0.06				0.02	3.20	2
28	36.1430			6.4	6.8				7.0		208		3				155		6		4780					2220	1720	130.0	0.06				0.02	3.10	3
29	34.5210			6.8	6.8				7.0		200		5				145		7		4180					1980	1560	130.0	0.07				0.02	3.10	2
30	33.4520			7.1	7.0				8.0		216		5				266		9		4660					2490	1930	140.0	0.06				0.02	3.20	2
31	33.7580			6.8	6.3				7.0		224		11				184		14		5220					2700	2180	150.0	0.06				0.02	3.10	3
Total	1034.5300	0	0																	0.0		0.0													
Avg.	33.37			6.7	6.7				7.4		211		7				160		12		4766.8					2673.23	2059.03	153.39	0	1.69	5.88	0.02	3.06		5

Total Number of Sewer Connections: 0  
 Residential Connections: \_\_\_\_\_  
 Commercial Connections: \_\_\_\_\_  
 Industrial Connections: \_\_\_\_\_  
 Sewer Connections X 4 = 0

Industrial Waste Population Equivalent: \_\_\_\_\_  
 Flow: 317828  
 BOD: 262425  
 TSS: 279305

Operator: Chris. Langford  
 Cert. #: 18715  
 Phone #: 502-540-6042