



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)

February 13, 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, January 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 January 2015.

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

Also attached is an overflow report for the month of January.

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", is written over a light blue horizontal line.

John Kessel  
Process Supervisor, West Region

JMK/West County 01/15

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
DRG_MOR_012015.xlsx	xlsx	45331
201501_DRGWQTC_OverflowReport.pdf	pdf	71875
DRG_Cover_012015.pdf	pdf	16156

**Report Last Saved By**

**DEREK R GUTHRIE WQTC MSD**

User: kevin.ries@louisvillemsd.org | Date/Time: 2015-02-18 09:37 (Time Zone: -05:00)  
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 01/01/15 to 01/31/15						DMR Due Date:	02/28/15			Status:	NetDMR Validated							
<b>Considerations for Form Completion</b>																			
<b>Principal Executive Officer</b>																			
First Name:	Greg						Title:	Exec Director						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	--								<	0.004		<	0.004	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.																			
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No errors.																			
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No attachments.																			
<b>Report Last Saved By</b>																			
DEREK R GUTHRIE WQTC MSD																			
User:	kevin.ries@louisvillemsd.org						Date/Time:	2015-02-18 09:37 (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: January 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	Oxygen (mg/L) #1	Oxygen (mg/L) #2	MLSS (mg/L) X1000 #1&#2	MLYSS (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
1	22.73			7.3	7.3				7.0		220	4				166	8			4010					2120	1690	150.0	0.07				0.02	5.40	15	
2	21.58			7.2	7.2				8.0		166	6				151	10			4720					2080	1640	150.0	0.07				0.02	5.20	12	
3	25.50			7.2	7.3				8.0		248	9				200	9			4430					1770	1460	150.0	0.08				0.02	5.20	2	
4	30.22			7.1	7.1				8.0		192	9				171	14			5300					1800	1360	130.0	0.07				0.02	4.70	2	
5	24.90			7.2	7.0				8.0		232	8				141	12			5020					2320	1800	140.0	0.06		5.60	0.02	4.30	2		
6	23.82			8.3	7.2				8.0		208	9				161	12			4620					2320	1700	150.0	0.06	3.04		0.02	4.10	4		
7	23.60			7.2	7.1				8.0		216	6				172	10			4720					2140	1620	160.0	0.07				0.02	4.20	2	
8	22.73			7.1	7.0				8.0		252	6				182	11			4460					2540	1940	170.0	0.07				0.02	3.70	2	
9	21.41			7.1	7.1				8.0		196	6				161	6			4260					2320	1760	170.0	0.07				0.02	3.60	2	
10	20.85			7.0	7.0				9.0		242	4				200	5			4370					2460	1880	180.0	0.07				0.02	3.70	2	
11	21.19			7.1	7.0				8.0		260	4				195	9			4240					2450	1890	180.0	0.07		5.40	0.02	4.10	2		
12	22.62			7.1	7.1				8.0		272	7				211	11			4340					2280	1740	180.0	0.08				0.02	3.90	2	
13	22.35			7.2	7.1				8.0		264	7				217	18			4540					2420	1860	180.0	0.07	3.03		0.02	3.40	3		
14	20.90			7.0	7.0				8.0		242	7				168	12			4320					2460	1900	180.0	0.07				0.02	3.60	4	
15	20.64			7.4	7.2				9.0		276	6				204	12			3760					2160	1660	175.0	0.08				0.02	3.80	4	
16	20.30			7.3	7.1				9.0		220	7				182	17			3780					2340	1820	170.0	0.07				0.02	4.00	2	
17	20.68			7.7	7.0				8.0		100	8				216	10			3810					2160	1660	160.0	0.07				0.02	4.90	1	
18	21.13			7.3	7.5				8.0		346	4				345	10			4200					2160	1770	160.0	0.07				0.02	5.00	2	
19	20.58			7.1	7.0				8.0		352	5				282	11			3710					2260	1760	160.0	0.07		6.00	0.02	4.90	2		
20	20.04			7.1	7.1				8.0		304	4				232	9			4020					2280	1760	170.0	0.07	0.38		0.02	4.40	4		
21	19.70			7.3	7.1				8.0		320	4				212	7			4100					2300	1840	165.0	0.07				0.02	3.90	6	
22	19.69			7.1	7.0				7.0		264	7				242	11			3940					2340	1860	165.0	0.07				0.02	4.20	3	
23	18.69			7.1	7.1				7.0		328	6				276	10			3880					2220	1780	170.0	0.08				0.02	3.40	2	
24	20.75			7.2	7.2				7.0		288	8				205	10			4060					2070	1590	170.0	0.08				0.02	4.50	2	
25	21.63			7.0	6.9				8.0		320	8				249	14			3970					2000	1550	180.0	0.09		6.70	0.02	5.20	4		
26	21.91			7.2	6.9				8.0		348	7				262	10			4490					2390	1860	150.0	0.06				0.02	5.40	3	
27	20.84			7.1	7.0				7.0		412	7				280	9			3900					2300	1740	150.0	0.07	0.80		0.02	5.00	4		
28	19.72			7.2	7.0				7.0		340	4				242	8			3980					2300	1760	155.0	0.07				0.02	5.30	2	
29	20.21			7.0	7.0				7.0		320	7				255	12			3920					2200	1640	145.0	0.07				0.02	5.40	2	
30	19.11			7.2	7.1				8.6		275	8				230	8			4040					2160	1640	145.0	0.07				0.02	4.60	2	
31	20.13			7.3	7.0				7.7		345	8				305	9			3820					2240	1760	140.0	0.06				0.02	6.30	2	
Total	670.15	0	0																0.0		0.0														
Avg.	21.62			7.2	7.1				7.9		270	6				217	10			4217.1					2237.42	1731.94	161.29	0		1.81	5.93	0.02	4.49	3	

Total Number of Sewer Connections: 0 Industrial Waste Population Equivalent \_\_\_\_\_ Operator Steve Patterson  
 Residential Connections: \_\_\_\_\_  
 Commercial Connections: \_\_\_\_\_ 205883 Flow 229727 BOD 231748 TSS Cert. # 5879  
 Industrial Connections: \_\_\_\_\_  
 Sewer Connections X 4 = 0 Phone # 502-540-6042



Report Selections: Period: 01/01/2015 00:00 thru 01/31/2015 23:59, 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	25479	6102 COOPER CHAPEL RD		PENNSYLVANIA RUN	CATCH BASIN

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	2301106		1/23/15 3:30 pm	MARKS JR	OPS CSHIFT	DOCUMENTED	06/19/2011	OBSTRUCTION-N OT GREASE / ROOTS	UNAUTHORIZED DISCHAGE - WATERS	01/23/15 05:15 PM	

**Discharge Reporting:**

Discharge Amount:	525 GAL
Cause:	OBSTRUCTION OF GRAVITY LINE TO STATION OR FORCEMAIN FROM STATION.
Clean Up:	MSD CLEANED AND SANITIZED AREA.
Control Zone:	TEMPORARY SIGNS POSTED AND CAUTION TAPE USED.
Impact:	SEWAGE ON GROUND REACHED WUS.
Repair:	MSD CONTRACTOR HAULED STATION UNTILL REPAIRS WERE COMPLETED.
Public Notification:	TEMPORARY SIGNS USED TO WARN PUBLIC.

**Notifications:**

1/24/15 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemad.org, Sayre.Dennis@epamail.epa.gov'
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Total Facilities Printed: 1

Total Work Orders Printed: 1