



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

December 11, 2014

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

RE: Derek Guthrie WQTC, KPDES No: KY0078956
Discharge Monitoring Report, November 2014

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 November 2014.

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

Also included is a overflow report for the month of Novmeber.

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", is written over a white background.

John Kessel
Process Supervisor, West Region

JMK/West County 11/14

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
DRG_Cover_112014.pdf	pdf	13980
201411_DRGWQTC_OverflowReport.pdf	pdf	73093
DRG_MOR_112014.xlsx	xlsx	45148

Report Last Saved By

DEREK R GUTHRIE WQTC MSD

User: kevin.ries@louisvillemsd.org | Date/Time: 2014-12-17 08:47 (Time Zone: -05:00)
Name: Kevin Ries
E-Mail: kevin.ries@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:	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																
Report Dates & Status																					
Monitoring Period:	From 11/01/14 to 11/30/14			DMR Due Date:	12/28/14				Status:	NetDMR Validated											
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:	Greg			Title:	Exec Director				Telephone:	502-540-6000											
Last Name:	Hetizman																				
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				
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample						<	0.004			<	0.004	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Permit Req.												19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					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.																					
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No errors.																					
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No attachments.																					
Report Last Saved By																					
DEREK R GUTHRIE WQTC MSD																					
User:	kevin.ries@louisvillemtd.org				Date/Time:	2014-12-17 08:35 (Time Zone: -05:00)															
Name:	Kevin Ries																				
E-Mail:	kevin.ries@louisvillemtd.org																				

Name of Sewage Treatment Plant: West County WTP County: Jefferson Month of: November 2014

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	MLVSS (mg/L) X 1000 #1	30 min. Sett.S.	SVI	% Solids	Phosphorus (mg/L)	TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Fecal Coliform Col./100ml		
1	18.81			7.1	7.0				6.0		420		7				369		9			3050					1780	1330	80.0	0.04				0.02	3.40	2	
2	18.53			7.0	7.0				6.0		376		11				294		20			3300					1710	1280	80.0	0.05				0.02	4.20	2	
3	18.57			7.2	7.0				6.5		364		8				308		16			3250					1940	1490	60.0	0.03				0.02	4.30	5	
4	18.37			7.2	6.9				7.0		464		8				300		8			3460					1970	1490	80.0	0.04			4.60	0.02	2.80	7	
5	18.99			7.1	6.9				7.0		400		5				280		7			3490					2090	1600	85.0	0.04	1.98			0.02	3.80	4	
6	19.06			7.4	7.2				7.0		300		9				228		10			3630					1830	1380	80.0	0.04				0.02	3.60	17	
7	17.84			7.2	7.0				7.0		745		9				550		12			3630					1950	1480	85.0	0.04				0.02	3.60	4	
8	18.17			7.1	6.9				7.0		520		11				427		11			3650					2070	1590	90.0	0.04				0.02	4.40	2	
9	17.90			7.6	7.0				7.0		340		11				227		15			3250					2030	1560	80.0	0.04				0.02	5.00	2	
10	17.90			7.2	6.9				7.0		524		8				260		9			3830					1970	1540	75.0	0.04				0.02	5.30	2	
11	17.60			7.0	7.1				6.0		448		7				240		8			3400					1970	1540	75.0	0.04	1.54	5.70	0.02	4.60	2		
12	17.26			7.1	7.0				6.0		328		7				253		9			3460					1930	1490	80.0	0.04				0.02	4.60	2	
13	16.64			7.0	7.0				6.2		352		8				265		10			3650					2200	1660	75.0	0.03				0.02	4.60	2	
14	16.18			7.6	7.0				7.0		295		9				258		9			3280					1760	1350	75.0	0.04				0.02	4.50	3	
15	13.66			7.2	7.0				7.0		350		10				214		17			3480					1610	1290	70.0	0.04				0.02	5.50	6	
16	17.11			7.2	6.9				7.0		380		11				251		15			3290					1740	1330	80.0	0.05				0.02	6.60	6	
17	24.33			7.0	7.0				6.0		384		6				235		9			3570					1570	1240	75.0	0.05				0.02	7.70	11	
18	21.59			7.1	7.0				6.0		240		10				178		11			3780					1570	1200	85.0	0.05	2.01	6.20	0.02	4.60	9		
19	20.08			7.3	7.0				6.0		252		11				204		13			3560					1900	1450	90.0	0.05				0.02	6.00	4	
20	19.20			7.1	7.0				6.0		364		8				270		11			3550					1600	1220	90.0	0.06				0.02	5.60	2	
21	18.26			7.2	7.0				5.0		385		12				224		12			3510					1650	1280	90.0	0.05				0.02	5.60	2	
22	19.07			7.0	7.0				5.0		375		15				262		13			3190					1790	1350	100.0	0.06				0.02	6.00	2	
23	28.70			7.0	6.9				7.0		465		22				376		76			3310					1740	1320	100.0	0.06				0.02	5.60	2	
24	50.51			7.1	7.1				6.0		292		8				178		16			5380					1630	1250	90.0	0.06			3.90	0.02	2.00	4	
25	32.16			7.3	7.3				7.0		416		8				361		10			4600					2260	1720	130.0	0.06	0.49			0.02	3.40	4	
26	26.32			7.3	7.1				8.0		350		9				352		14			3600					2350	1780	140.0	0.06				0.02	4.60	1	
27	23.69			7.0	7.0				8.0		665		10				980		20			3720					1940	1470	100.0	0.05				0.02	6.60	1	
28	19.89			7.1	7.1				7.0		340		2				276		8			3980					2170	1710	130.0	0.06				0.02	8.10	1	
29	20.96			7.1	7.1				7.0		365		4				372		13			3620					1940	1530	130.0	0.07				0.02	9.40	1	
30	21.83			7.0	7.1				7.0		388		9				286		27			3760					1860	1470	120.0	0.06				0.02	7.70	2	
31																																					
Total	629.1670	0	0																		0.0		0.0														
Avg.	20.97			7.2	7.0				6.6		396		9				309		15			3607.7					1884.00	1446.33	90.67	0.05	1.51	5.10	0.02	5.12		3	

Total Number of Sewer Connections: 0 Industrial Waste Population Equivalent _____ Operator Scott Reed
 Residential Connections: _____
 Commercial Connections: _____ 199736 Flow 318196 BOD 330022 TSS Cert. # #15689
 Industrial Connections: _____
 Sewer Connections X 4 = 0 Phone # 502-540-6042



Report Selections: Period: 11/01/2014 00:00 thru 11/30/2014 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, 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	57824	6109 RICHIEWAYNE DR		SOUTHERN DITCH	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2268480		11/24/14 12:49 pm	CUNNINGHAM	CUNNINGHAM	REPAIRED - ISSUE RESOLVED	11/24/2014	ROOTS	UNAUTHORIZED DISCHAGE - WATERS	11/24/14 01:45 PM	MAIN

Discharge Reporting:

Discharge Amount:	2,800 GAL
Cause:	ROOTS IN MAIN SEWER
Clean Up:	MSD CLEANED & SANITIZED THE IMPACTED AREA
Control Zone:	PLACED SIGNS AND NOTIFIED THE PUBLIC
Impact:	MSD PERSONNEL OBSERVED MANHOLE#57824 DISCHARGING 50GPM NEAR CREEK
Repair:	WORK ORDER 2268617; ROOT-CUT MAIN SEWER
Public Notification:	ADVISED CUSTOMERS ON SITE

Notifications:

11/25/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Total Facilities Printed: 1

Total Work Orders Printed: 1