



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

February 15, 2016

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 2016

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 2016.

There were no exceedence, overflow or bypass reports for the month of January 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 "JK", with a long horizontal stroke extending to the right.

John Kessel
Process Supervisor, West Region

JMK/West County 01/16
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_MOR_012016.XLS	xls	125952
DRC_cover.pdf	pdf	44374

Report Last Saved By

DEREK R GUTHRIE WQTC MSD

User: kessel@louisvillemsd.org | Date/Time: 2016-02-17 12:14 (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: 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 01/01/16 to 01/31/16	DMR Due Date: 02/28/16	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. 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	--							<	0.003		<	0.003	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: 2016-02-17 12:13 (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 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	Gal/Day X 1000	Dissolved Oxygen (mg/L) #1	Dissolved Oxygen (mg/L) #2	MLSS (mg/L) X1000 #1	MLVSS (mg/L) X1000 #1	30 min. SettS.	SVI	% Solids	Phosphorus (mg/L)	TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Fecal Coliform Col/100ml
1	48.50			7.3	7.2				8.0		240		8			304		14		7150					1850	1400	140.0	0.08				0.01	3.90	10	
2	41.60			7.2	7.3				7.9		215		7			172		14		6260					2910	2090	170.0	0.06				0.01	4.00	3	
3	50.24			7.2	7.3				7.3		240		3			156		7		6230					2370	1750	170.0	0.07				0.01	4.00	2	
4	46.31			7.5	7.4				8.0		232		3			172		9		8510					2550	1890	180.0	0.07			5.00	0.01	3.60	6	
5	36.55			7.1	7.4				8.0		244		3			209		6		5610					3190	2410	200.0	0.06	1.36		0.01	2.40	2		
6	23.01			7.3	7.2				7.4		300		3			253		7		4930					3660	2740	230.0	0.06				0.01	1.10	10	
7	24.33			7.3	7.2				7.9		244		3			208		6		4810					3080	2350	220.0	0.07				0.01	1.30	2	
8	24.23			7.3	7.5				7.2		300		3			290		6		8690					2960	2260	200.0	0.07				0.01	1.30	2	
9	23.61			7.3	7.5				7.0		270		4			217		7		4530					2800	2130	200.0	0.07				0.01	1.60	2	
10	31.79			7.3	7.2				7.3		436		5			248		6		4610					2420	1870	170.0	0.07				0.01	2.00	2	
11	24.48			7.6	7.3				7.4		448		3			236		6		3990					2990	2300	190.0	0.06			2.20	0.01	1.50	2	
12	26.95			7.5	7.3				7.0		336		4			248		5		4730					3200	2430	200.0	0.06	0.78		0.01	1.40	2		
13	24.22			7.5	7.2				7.0		336		5			217		7		4340					3090	2320	180.0	0.06				0.01	1.60	2	
14	23.97			7.4	7.1				7.0		404		5			298		7		4520					3050	2320	180.0	0.06				0.01	1.60	10	
15	24.37			7.6	7.2				7.0		315		6			239		9		3990					2480	1870	180.0	0.07				0.01	1.80	15	
16	24.88			7.5	7.1				7.0		365		6			330		8		4180					3140	2470	180.0	0.06				0.01	2.10	7	
17	23.68			6.9	7.1				7.0		310		4			324		6		4120					2580	1960	180.0	0.07				0.01	2.30	4	
18	22.76			8.1	7.1				7.0		360		3			286		5		4060					2480	1880	190.0	0.08				0.01	2.30	8	
19	7.00			7.4	7.4				7.0		272		4			169		4		4080					2730	2100	180.0	0.07	1.28	2.30	0.01	1.80	15		
20	21.45			7.4	7.1				7.0		400		5			230		7		3830					2640	2020	180.0	0.07				0.01	2.20	2	
21	21.16			7.4	7.2				7.1		360		3			297		6		4040					3000	2340	180.0	0.06				0.01	1.80	6	
22	21.41			7.4	7.2				7.1		310		5			244		7		3920					3010	2350	180.0	0.06				0.01	2.10	6	
23	23.94			7.4	7.6				7.2		365		7			357		12		3690					2350	1810	170.0	0.07				0.01	3.20	2	
24	24.46			7.4	7.3				7.0		362		6			338		6		3980					2540	1980	180.0	0.07				0.01	3.00	2	
25	29.67			7.6	7.5				8.0		356		5			252		8		3970					2570	2000	190.0	0.07				0.01	3.40	2	
26	42.66			7.3	7.4				8.0		164		7			123		10		4790					2740	2190	160.0	0.06	0.80		0.01	3.20	2		
27	28.52			7.0	7.3				8.0		156		3			110		6		4950					2880	2270	190.0	0.07			3.40	0.01	2.20	8	
28	25.33			7.5	7.2				8.0		148		5			102		7		4680					3070	2320	190.0	0.06				0.01	2.10	4	
29	29.76			7.4	7.2				8.0		160		7			185		11		4330					4320	3370	190.0	0.04				0.01	3.60	20	
30	23.87			7.5	7.5				8.0		200		4			180		5		4240					2750	2170	200.0	0.07				0.01	2.00	2	
31	24.18			7.4	7.2				8.0		215		5			146		5		3890					3480	2730	210.0	0.06				0.01	2.70	2	
Total	868.88	0	0																0.0		0.0														
Avg.	28.03			7.4	7.3				7.4		292		5			230		7		4827.4					2867	2196.45	185.81	0		1.06	3.23	0.01	2.36	4	

Total Number of Sewer Connections: 0 Industrial Waste Population Equivalent _____ Operator C. Langford
 Residential Connections: _____
 Commercial Connections: _____ 266938 Flow 316703 BOD 325429 TSS Cert. # #18751
 Industrial Connections: _____
 Sewer Connections X 4 = 0 Phone # 502-540-6042