



700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.540.6000 | LouisvilleMSD.org

June 10, 2016

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

Dear Ms. Cheryl Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Derek Guthrie WQTC, KPDES No: KY0078956

There were no exceedence, overflow or bypass reports for the month of May 2016 for the Derek Guthrie WQTC.

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

Sincerely,

John Kessel
Process Supervisor, West Region

JMK/West County 05/16
Enclosures

cc: C. Roth
T. Singleton
R. Shaw

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_052016.pdf	pdf	37673
DRG_MOR_052016.XLS	xls	125952

Report Last Saved By

Derek R Guthrie WQTC MSD

User:	kevin.ries@louisvillemsd.org	Date/Time:	2016-06-14 08:19 (Time Zone: -04:00)
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:	700 W Liberty St Louisville, KY 40203			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 05/01/16 to 05/31/16			DMR Due Date:	06/28/16			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.	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 Permit Req.							<	0.005		<	0.005	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI												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:	2016-06-14 08:19 (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: May 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. Sett.S.	SVI	% Solids	Phosphorus (mg/L)	TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Fecal Coliform Col./100ml	Hexavalent Chromium	Hardness	
																																						Return
1	47.20			7.3	7.1				7.0		128		4				91		6		4730					2670	2110	170.0	0.06				0.01	1.60	7			
2	37.15			7.3	7.1				6.9		142		3				108		6		4420					3040	2380	180.0	0.06			1.80	0.01	0.73	7			
3	29.07			7.2	7.2				7.3		140		4				111		6		4320					2900	2230	180.0	0.06	1.34			0.01	0.73	15			
4	30.46			7.3	7.2				7.2		144		4				114		9		4280					2530	1900	170.0	0.07				0.01	1.70	98			
5	29.93			7.4	7.4				7.0		150		4				119		8		4850					2250	1740	160.0	0.07				0.01	1.30	7			
6	25.97			7.3	7.2				7.0		64		5				154		14		4170					2850	2170	170.0	0.06				0.01	1.40	6			
7	25.83			7.4	7.3				7.3		200		6				160		9		4150					2570	2010	170.0	0.07				0.01	1.40	2			
8	41.82			7.5	7.5				8.0		126		4				93		4		4830					2300	1770	150.0	0.07				0.01	1.80	15			
9	29.96			7.4	7.2				7.0		196		4				140		6		4710					3030	2360	160.0	0.05			2.90	0.01	1.60	2			
10	41.64			7.4	7.2				7.0		148		6				135		7		4450					3000	2350	150.0	0.05	1.00			0.01	2.40	2		235	
11	55.52			7.3	7.1				7.0		150		3				86		6		4620					3300	2550	150.0	0.05				0.01	1.40	2	0.005		
12	69.96			7.2	7.1				7.0		154		3				102		5		4990					2940	2280	140.0	0.05				0.01	1.20	3			
13	70.62			7.3	7.2				7.0		50		8				81		12		5560					2640	2040	140.0	0.05				0.01	2.10	2			
14	57.13			7.4	7.5				7.0		270		3				140		8		5130					2080	1590	150.0	0.07				0.01	2.70	130			
15	51.24			7.3	7.1				7.0		198		3				132		7		4600					2420	1860	150.0	0.06				0.01	3.40	3			
16	39.22			7.3	6.8				7.0		190		6				119		10		4840					2440	1850	150.0	0.06			3.40	0.01	2.10	2			
17	34.56			7.3	7.1				7.0		232		6				172		9		4400					2780	2080	180.0	0.06	1.57			0.01	1.90	2			
18	42.19			7.3	7.2				7.0		118		4				89		9		4990					2830	2210	140.0	0.05				0.01	0.73	2			
19	33.05			7.3	7.1				7.0		152		5				118		7		4150					3280	2520	150.0	0.05				0.01	0.95	6			
20	50.66			7.3	7.3				7.6		260		13				134		18		4280					2660	2050	150.0	0.06				0.01	2.10	6			
21	54.59			7.2	7.4				7.0		78		6				67		8		4600					2310	1740	140.0	0.06				0.01	1.00	4			
22	39.02			7.1	7.1				7.0		90		3				80		5		4960					2320	1780	140.0	0.06				0.01	1.10	28			
23	39.39			7.3	7.1				7.0		262		3				137		7		3980					2300	1760	140.0	0.06			2.30	0.01	1.30	2			
24	27.78			7.1	7.2				7.0		268		3				184		4		4570					3270	2490	150.0	0.05	1.47			0.01	1.10	6			
25	26.18			7.2	7.1				7.0		648		3				385		6		4660					2280	1770	140.0	0.06				0.01	0.95	2			
26	32.22			7.1	7.0				7.0		268		3				195		7		4470					3110	2370	150.0	0.05				0.01	2.20	2			
27	28.23			7.2	7.1				7.2		315		4				220		5		5000					2540	1910	140.0	0.06				0.01	0.78	8			
28	26.56			7.2	7.2				7.0		360		4				338		6		4450					2830	2180	170.0	0.06				0.01	1.20	42			
29	24.27			7.2	7.2				7.0		274		3				203		4		4610					2850	2190	160.0	0.06				0.01	1.10	6			
30	23.22			7.0	6.9				7.0		278		4				211		5		3850					2660	2040	160.0	0.06				0.01	1.30	6			
31	22.66			7.2	7.3				7.0		370		4				247		5		3580					2510	1960	170.0	0.07	1.87	1.90	0.01	0.95	7				
Total	1164.08	0	0																	0.0		0.0																
Avg.	38.30			7.3	7.2				7.1		207		4				150		7		4554.8					2693	2072.26	155.48	0	1.45	2.46	0.01	1.49	6	0.005	235		

Total Number of Sewer Connections: 0 Industrial Waste Population Equivalent _____ Operator C. Langford
 Residential Connections: _____
 Commercial Connections: _____ 364753 Flow 282745 BOD 315145 TSS Cert. # #18751
 Industrial Connections: _____
 Sewer Connections X 4 = 0 Phone # 502-540-6042