



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

August 17, 2017

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

**Re: Derek Guthrie Water Quality Treatment Center
KPDES Permit No. KY0078956,
Discharge monitoring report for July 2017.**

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, for the month of July 2017.

There were no overflows, exceedances or bypass reports for the Derek Guthrie WQTC.

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

Sincerely,

Kevin Thompson
Process Supervisor, West Region

KLT/West County 07/17
Enclosures

cc: C. Roth
V. Graves
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
201707_DRG_MOR.pdf	pdf	119337
201707_DRG_COVERLETTER.pdf	pdf	110249

Report Last Saved By

Derek R Guthrie WQTC MSD

User: kevin.thompson@louisvillemsd.org

Date/Time: 2017-08-18 13:04 (Time Zone: -04:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@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 07/01/17 to 07/31/17			DMR Due Date:			08/28/17			Status:			NetDMR Validated							
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:		James A.			Title:			Executive Director			Telephone:			502-540-6000							
Last Name:		Parrott																			
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 Permit Req. Value NODI							<	0.005		<	0.005	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.thompson@louisvillemtd.org						Date/Time: 2017-08-18 13:05 (Time Zone: -04:00)															
Name: Kevin Thompson																					
E-Mail: kevin.thompson@louisvillemtd.org																					

Name of Sewage Treatment Plant: West County WTP County: Jefferson Month of: July 2017
 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						Digested			Final					
		Remove d (cu. ft.)	Flow (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	Gal/Day	MLSS (mg/L) X 1000	Gal/Day X 1000	Oxygen	Oxygen	MLSS (mg/L) X 1000 #1	MLVSS (mg/L) X 1000 #1	30 min. SVI	60 min. SVI	% Solids	TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Coliform Col/100	Hardnes		
1	28.53			8.5	7.2				7.0		280.0	6.0		222.0	8.0			5880								1920	1480	90				0.016	1.00	38			
2	19.75			7.1	7.2				7.0		400.0	3.0		326.0	3.0			4520								3300	1730	110				0.016	0.22	21			
3	25.47			7.2	7.2				7.0		318.0	4.0		231.0	6.0			4080								2190	1720	100				0.016	2.10	20			
4	31.90			7.5	7.2				7.0		347.0	7.0		251.0	9.0			5310								1780	1390	90	0.30	5.70	0.016	3.50	9				
5	31.51			7.3	7.2				7.0		367.0	6.0		275.0	7.0			4930								3540	2820	90				0.016	3.20	7			
6	65.00			7.3	7.1				7.0		317.0	10.0		202.0	15.0			5190								1810	1420	100				0.016	2.80	6			
7	59.39			7.2	7.3				7.0		270.0	9.0		103.0	11.0			6020								1880	1460	100				0.016	1.10	39			
8	58.38			7.3	7.5				7.0		172.0	8.0		146.0	11.0			6460								2110	1620	110				0.016	1.20	18			
9	44.79			7.3	7.3				7.0		100.0	4.0		104.0	4.0			5900								2740	2110	120				0.016	2.00	50			
10	39.74			7.4	7.3				7.0		298.0	6.0		210.0	8.0			4760								1950	1500	100				0.016	2.50	15			
11	37.48			7.4	7.2				7.0		264.0	9.0		206.0	3.0			5000								1980	1500	100	1.76	4.70	0.016	3.00	9	229			
12	34.92			7.5	7.4				7.0		280.0	6.0		190.0	10.0			4940								2280	1760	100				0.016	2.80	4	0.005		
13	34.96			7.3	7.5				7.0		326.0	6.0		208.0	9.0			4610								1970	1550	100				0.016	2.80	2			
14	33.77			7.4	7.1				7.0		175.0	7.0		150.0	15.0			5220								3920	3070	90				0.016	3.50	19			
15	31.30			7.3	7.4				7.0		335.0	13.0		256.0	10.0			5190								2140	1670	100				0.016	3.20	5			
16	30.47			7.3	7.4				7.0		303.0	6.0		212.0	9.0			5290								2270	1800	100				0.016	2.80	8			
17	30.72			7.3	7.2				7.0		254.0	7.0		242.0	14.0			4990								2400	1940	100				0.016	3.00	8			
18	30.43			7.3	7.2				7.0		352.0	7.0		246.0	15.0			5230								2330	1790	100	2.12	7.70	0.016	4.50	7				
19	25.79			7.3	7.4				7.0		276.0	5.0		240.0	14.0			5190								2210	1760	100				0.016	3.50	5			
20	19.00			7.2	7.2				7.0		220.0	6.0		194.0	7.0			4120								2520	1990	120				0.016	0.73	3			
21	18.17			7.3	7.1				7.0		565.0	6.0		332.0	9.0			3860							2240.00	1810	120				0.016	1.20	15				
22	17.76			7.5	7.4				7.0		355.0	6.0		235.0	8.0			4170								2560	2040	120				0.016	1.20	5			
23	39.03			7.3	7.1				7.0		364.0	9.0		241.0	14.0			4160							2740.00	2160	120				0.016	2.60	15				
24	22.80			7.1	7.3				7.0		202.0	6.0		201.0	6.0			3940								2470	2000	130				0.016	0.38	27			
25	20.23			7.2	7.2				7.0		292.0	8.0		336.0	20.0			4270								2150	1690	130	2.19	3.20	0.016	1.20	22				
26	30.70			7.1	7.2				7.0		402.0	6.0		298.0	17.0			6170								2090	1600	100				0.016	3.40	28			
27	18.23			7.2	7.1				7.0		336.0	4.0		230.0	6.0			4120								2480	1890	130				0.016	0.45	1			
28	18.90			7.3	7.1				7.0		325.0	6.0		213.0	5.0			3830								2210	1750	120				0.016	0.62	78			
29	18.81			7.2	7.1				7.0		375.0	5.0		262.0	6.0			3810								2260	1890	120				0.016	0.34	54			
30	17.57			7.1	7.1				7.0		336.0	5.0		264.0	6.0			3480								2140	1680	110				0.016	0.34	11			
31	17.28			7.1	7.0				6.9		296.0	4.0		252.0	6.0			3670								2070	1600	110			2.10	0.016	0.70	48			
Total	952.8	0	0						7.0		306.5	6.5		228.3	9.4			4784.19		0.0		0.0				2343.55	1812.58	107.42			1.59	4.68	0.016	2.00	12	0.01	229
Avg.	30.73			7.3	7.2				7.0		306.5	6.5		228.3	9.4			4784.19								2343.55	1812.58	107.42			1.59	4.68	0.016	2.00	12	0.01	229

Total Number of Sewer Connections: 36173 Industrial Waste Population Equivalent: _____ Operator: Chris Lanford
 Residential Connections: 34248 Commercial Connections: 1907 Flow: 189964 BOD: 241519 TSS: 271387 Cert. #: 24242
 Industrial Connections: 18 Sewer Connections X 3 = 102744 Phone #: 502-540-6000