



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

June 12, 2015

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

**RE: Jeffersontown WQTC, KPDES No: KY0025194
Discharge Monitoring Report May 2015**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Jeffersontown WQTC KPDES No.: KY0025194 for the month of May 2015.

There were no exceedences, blending or overflow's to report.

If you have any questions concerning the attached DMR's, please contact me at (502) 239-7574.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Thompson".

Kevin Thompson
Process Supervisor Central Region

KLT/Jeffersontown 05.15doc

Enclosures

cc: R. Shaw
T. Singleton



*Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com*

DMR Copy of Record

Permit			
Permit #:	KY0025194	Permittee:	JEFFERSONTOWN WQTC MSD
Major:	Yes	Permittee Address:	10725 OLD TAYLORSVILLE RD JEFFERSONTOWN, KY 40299
Permitted Feature:	001 External Outfall	Discharge:	001-2 FLOW BOD TSS DO PH
Facility:		Facility Location:	JEFFERSONTOWN WQTC MSD 10725 OLD TAYLORSVILLE RD JEFFERSONTOWN, KY 40299

Report Dates & Status			
Monitoring Period:	From 05/01/15 to 05/31/15	DMR Due Date:	06/28/15
Status:	NetDMR Validated		

Considerations for Form Completion
USE MO AVG FOR BOD/TSS REMV;REPT IN MINIMUM COLUMN.

Principal Executive Officer			
First Name:	Greg	Title:	Executive Director
Last Name:	Heitzman	Telephone:	502-540-6000

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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	9									19 - mg/L	01/01 - Daily	GR - GRAB	
					Permit Req.	>=	7 INST MIN									19 - mg/L	03/07 - Three Per Week	GR - GRAB	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	6.7				=	7.6				12 - SU	01/01 - Daily	GR - GRAB	
					Permit Req.	>=	6 MINIMUM			<=	9 MAXIMUM				12 - SU	03/07 - Three Per Week	GR - GRAB		
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	125	=	149	26 - lb/d	=	6	=	8		19 - mg/L	01/01 - Daily	CP - COMPOS	
					Permit Req.	<=	1000 MO AVG	<=	1501 MX WK AV	26 - lb/d	<=	30 MO AVG	<=	45 MX WK AV		19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI														
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	6151	=	8367	26 - lb/d	=	310	=	436		19 - mg/L	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV		19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	9	=	12	26 - lb/d	=	0.4	=	0.6		19 - mg/L	01/01 - Daily	CP - COMPOS	
					Permit Req.	<=	133 MO AVG	<=	200 MX WK AV	26 - lb/d	<=	4 MO AVG	<=	6 MX WK AV		19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI														
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	329	=	353	26 - lb/d	=	17	=	18		19 - mg/L	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV		19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample	=	7	=	8	26 - lb/d	=	0.4	=	0.38		19 - mg/L	01/01 - Daily	CP - COMPOS	
					Permit Req.	<=	33 MO AVG	<=	50 MX WK AV	26 - lb/d	<=	1 MO AVG	<=	1.5 MX WK AV		19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	2.394	=	2.463	03 - MGD							99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD								99/99 - Continuous	CN - CONTIN
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	5	=	8		13 - #/100mL	01/01 - Daily	GR - GRAB	
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO		13 - #/100mL	03/07 - Three Per Week	GR - GRAB	
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	62	=	63	26 - lb/d	=	3	=	3		19 - mg/L	01/01 - Daily	CP - COMPOS	
					Permit Req.	<=	667 MO AVG	<=	1001 MX WK AV	26 - lb/d	<=	20 MO AVG	<=	30 MX WK AV		19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	G - Raw Sewage Influent	0	--	Sample	=	4837	=	5383	26 - lb/d	=	243	=	279		19 - mg/L	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV		19 - mg/L	03/07 - Three Per Week	CP - COMPOS	
					Value NODI														
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample						=	99				23 - %	01/30 - Monthly	CA - CALCTD	
					Permit Req.						>=	85 MO AV MN				23 - %	01/30 - Monthly	CA - CALCTD	
					Value NODI														
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						=	98				23 - %	01/30 - Monthly	CA - CALCTD	
					Permit Req.						>=	85 MO MIN				23 - %	01/30 - Monthly	CA - CALCTD	
					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.

Edit Check Errors
No errors.

Comments

Attachments

Name	Type	Size
201505_JTown_MOR1.pdf	pdf	123130
2015_05_JTowncoverletter.pdf	pdf	44349

Report Last Saved By

JEFFERSONTOWN WQTC MSD

User: staci.huber@louisvillemsd.org	Date/Time: 2015-06-23 14:21 (Time Zone: -04:00)
Name: Staci Huber	
E-Mail: staci.huber@louisvillemsd.org	

NAME OF TREATMENT PLANT JEFFERSONTOWN WTP
 KPDES PERMIT NUMBER KY0025194

COUNTY JEFFERSON
 PLANT CAPACITY 4.0 MGD

MONTH OF: May 2015
 RECEIVING STREAM CHENOWETH RUN

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLABLE SOLIDS (mg/L)		DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING					FINAL			
		GRIT REMOVED (CUBIC FEET)	SCREENINGS (CUBIC FEET)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	GAL/DAY X 1000	MLSS X 1000	MLVSS X 1000	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME	RAW		HAULED			TOTAL PHOS. (mg/L)	NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)		
																									GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS				WITHDRAWN GALLONS X 1000	
1	2.60			6.8	7.0	44.0			9.9			248	8	205	3	1.5	6670	21	8.0	2920	2420	180	170								6300	0.25	0.55	2
2	2.43			7.2	6.7	32.0			9.4			216	5	203	3	1.5	4400	21	8.1	2320	1780	180	170								18000	0.30	0.42	2
3	2.41			7.2	7.3	22.0			9.1			322	6	222	3	1.5	4530	21	7.8	2230	1680	180	160							0	0.35	0.65	4	
4	2.41			7.0	7.4	24.0			9.2			71	5	145	3	1.5	4720	21	7.4	2470	1930	170	160				0.9			6300	0.34	0.84	3	
5	2.34			6.6	7.3	35.0			9.2			80	3	164	3	1.5	4200	24	7.2	2560	1950	170	170							31500	0.30	0.34	3	
6	2.38			7.2	7.4	39.0			9.1			368	5	264	3	1.5	4230	24	7.4	2290	1740	200	190							50400	0.32	0.67	3	
7	2.32	3	3	7.1	7.3	48.0			9.2			120	5	212	3	1.5	3580	21	7.1	2490	1910	200	200							6300	0.27	0.54	4	
8	2.26			7.2	7.5	7.0			8.9			100	5	163	3	1.5	4690	24	7.3	2610	2070	210	200							25200	0.42	0.36	4	
9	2.40			7.3	7.6	10.0			9.0			596	6	421	3	1.5	3990	24	7.0	2570	2010	200	190							56100	0.33	0.45	2	
10	2.27			7.1	7.5	8.0			8.7			268	8	257	3	1.5	4410	24	7.2	2550	1970	200	190				0.8			6300	0.35	0.48	10	
11	2.43			7.2	7.4	30.0			8.9			180	6	246	3	1.4	5430	24	7.0	2470	1930	250	220							18600	0.35	0.44	2	
12	2.36			7.0	7.2	25.0			8.8			268	6	305	3	1.4	4590	22	6.8	2390	1760	260	230							43200	0.32	0.13	7	
13	2.20			7.1	7.3	18.0			9.0			112	7	194	3	1.4	4460	22	6.9	2530	1890	270	230						0	0.36	0.58	6		
14	2.21	3	3	7.0	7.2	13.0			9.2			220	9	369	5	1.4	4600	22	7.0	2490	1860	260	230							41100	0.35	0.67	4	
15	2.15			7.2	7.2	20.0			9.0			536	7	251	3	1.4	4640	22	6.7	2340	1890	310	250							18600	0.33	0.67	7	
16	2.36			6.7	7.4	38.0			9.1			512	11	330	3	1.5	3650	21	6.7	2460	2040	420	270						0	0.37	0.64	2		
17	2.43			6.6	7.3	28.0			8.8			444	8	207	3	1.4	4810	24	6.4	2410	1910	340	260						0	0.35	0.60	2		
18	2.41			6.8	7.1	33.0			8.9			384	7	323	3	1.4	3810	26	6.5	2590	1880	310	250							18900	0.41	0.31	11	
19	2.27			6.8	7.0	88.0			9.0			428	8	262	4	1.4	4080	26	7.0	2470	1930	310	280							6000	0.46	0.27	30	
20	2.25			7.2	7.4	72.0			8.9			364	8	146	3	1.4	3720	28	6.9	2360	1810	340	250							37800	0.43	0.43	10	
21	2.26	3	3	7.3	7.5	32.0			8.9			384	5	415	4	1.4	4430	21	6.5	2500	1910	340	250				0.7			18300	0.34	0.18	18	
22	2.09			7.2	7.4	43.0			9.2			520	6	224	3	1.4	3890	33	7.7	2630	2000	400	300							37800	0.36	0.21	6	
23	1.92			6.7	7.1	90.0			9.1			456	4	197	3	1.4	3520	28	6.7	2530	1920	350	250							24000	0.34	0.32	10	
24	1.86			6.0	6.9	30.0			9.4			332	4	228	3	1.4	4030	29	6.2	2530	2110	350	350						0	0.37	0.40	7		
25	2.53			7.3	7.5	32.0			9.0			260	5	154	3	1.3	3550	30	6.6	2370	1890	270	230							81612	0.36	0.18	8	
26	2.79			7.2	7.4	20.0			9.2			152	8	159	3	1.4	3610	29	6.4	2390	1920	280	240						0	0.40	0.39	7		
27	2.96			7.1	7.3	16.0			9.1			120	5	165	3	1.4	4760	31	6.1	2490	1970	230	200							12300	0.36	0.52	8	
28	3.10	3	3	7.1	7.5	5.0			9.0			732	7	310	3	1.4	4010	30	6.3	2450	1900	240	210				1.3			18300	0.45	0.51	2	
29	2.95			7.1	7.3	33.0			9.0			128	6	195	3	1.4	5420	28	6.1	2260	1740	230	200							69300	0.38	0.31	4	
30	2.51			7.0	7.2	30.0			9.2			386	6	290	3	1.4	4780	27	6.0	2180	1700	240	220							23400	0.37	0.35	2	
31	2.38			7.0	7.4	76.0			9.1			288	5	306	3	1.4	5150	30	6.2	2700	1930	230	200						0	0.35	0.39	6		
Tot.	74.23	12	12													44.4															675612			
Avg.	2.39	3	3	7.0	7.3	33.6			9.1			310	6	243	3	1.432	4399	25.1	6.877	2469	1915	261.9	223.2					0.925		21793.9	0.36	0.45	5	

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 22804 FLOW 28541 CBOD 29433 TSS

Scott R Reed
 OPERATOR

25712
 CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS 0
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-267-9257
 PLANT TELEPHONE