



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

August 16, 2011

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
July 2011

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 July 2011.

There were no exceedences, bypass or overflow reports

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

Sincerely,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/Jeffersontown 7.11.doc

Enclosures

cc: C. Roth (DOW Louisville)
R. Shaw
T. Singleton



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

PERMITTEE NAME/ADDRESS (include

Facility Name/Location if different)

NAME JEFFERSONTOWN WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY JEFFERSONTOWN WQTC

LOCATION LOUISVILLE KY 40299

ATTN: DENNIS THOMASSON SR. METRO OPS

 KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)
 DISCHARGE MONITORING REPORT (DMR)

KY0025194
 PERMIT NUMBER

0012
 DISCHARGE NUMBER

MAJOR
 (SUBR LV)
 F - FINAL JEFFE
 FLOW BOD TSS DO PH
 EFFLUENT
 [] No Discharge

MONITORING PERIOD
 FROM YEAR 11 MO 07 DAY 01 TO YEAR 11 MO 07 DAY 31

NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	7	*****	*****	(19) MG/L	0	1/1	GR
	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/ WEEK	GRAB
PH	SAMPLE MEASUREMENT	*****	*****	***	6.6	*****	7.5	(12) SU	0	1/1	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	8191	10074	(26) LBS/DY	*****	376	471	(19) MG/L	0	1/1	CP
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	105	133	(26) LBS/DY	*****	5	6	(19) MG/L	0	1/1	CP
	PERMIT MEASUREMENT	1000 MO AVG	1501 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	408	472	(26) LBS/DY	*****	19	24	(19) MG/L	0	1/1	CP
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	33	46	(26) LBS/DY	*****	1	2	(19) MG/L	0	1/1	CP
	PERMIT MEASUREMENT	133 MO AVG	200 MX WK AV	(26) LBS/DY	*****	4 MO AVG	6 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	13	15	(26) LBS/DY	*****	0.6	0.7	(19) MG/L	0	1/1	CP
	PERMIT MEASUREMENT	33 MO AVG	50 MX WK AV	(26) LBS/DY	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE	
H J SCHARDEIN EXECUTIVE DIRECTOR								502 540-6000		11 08 16	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

PERMITTEE NAME/ADDRESS (include

Facility Name/Location if different)

NAME JEFFERSONTOWN WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY JEFFERSONTOWN WQTC

LOCATION LOUISVILLE KY 40299

ATTN: DENNIS THOMASSON SR. METRO OPS

 KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)
 DISCHARGE MONITORING REPORT (DMR)

KY0025194
 PERMIT NUMBER

001 2
 DISCHARGE NUMBER

MAJOR
 (SUBR LV)
 F - FINAL JEFFE
 FLOW BOD TSS DO PH
 EFFLUENT
 [] No Discharge

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 11	07	01		TO 11	07	31

NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE			
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	2.63	2.95	(03) MGD	*****	*****	*****	***	0	CN	CN			
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(03) MGD	*****	*****	*****	***		CONTIN UOUS	CONTIN			
COLIFORM, FECAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	5	5	(13) 100ML	0	1/1	GR			
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/ WEEK	GRAB			
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0	SAMPLE MEASUREMENT	4782	5601	(26) LBS/DY	*****	221	277	(19) MG/L	0	1/1	CP			
RAW SEW/INFLUENT	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS			
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0	SAMPLE MEASUREMENT	45	57	(26) LBS/DY	*****	2	2	(19) MG/L	0	1/1	CP			
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	667 MO AVG	1001 MX WK AV	(26) LBS/DY	*****	20 MO AVG	30 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS			
BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL 80091 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/31	CA			
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD			
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/31	CA			
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD			
	SAMPLE MEASUREMENT													
	PERMIT MEASUREMENT													
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C 1001 AND 33 U.S.C 1319. (Penalties under those statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE				
H J SCHARDEIN EXECUTIVE DIRECTOR	502	540-6000	1.1	0 8	16									
TYPED OR PRINTED														
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE					
USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.							 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		YEAR MO DAY 1.1 0 8 16					

NAME OF TREATMENT PLANT JEFFERSONTOWN WTP
 KPDES PERMIT NUMBER KY0025194

COUNTY JEFFERSON
 PLANT CAPACITY 4.0 MGD

MONTH OF: July 2011
 RECEIVING STREAM CHENOWETH RUN

DATE	TOTAL FLOW (MILLION GALLONS)	PLANT CAPACITY														RECEIVING STREAM										CHENOWETH RUN									
		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	RETURN		WAST EO	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)			
																		GAL/DAY X 1000	MLSS X 1000					30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS				% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000	
1	2.71			7.1	7.4	11.0			10.0		414		4	259		2	1.36	4.99	27	5.9	2.42	1.85	140	130							0.48	1.20	4		
2	2.54			6.9	7.0	24.0			9.0		334		2	183		1	1.35	3.245	27	6.8	2.22	1.76	140	130							0.43	1.40	4		
3	2.49			7.0	7.4	50.0			9.0		200		12	95		2	1.31	5.215	21	6.6	2.23	1.7	100	100							0.68	1.30	4		
4	2.97	3	3	6.7	7.1	50.0			9.0		466		2	156		2	1.35	5.17	16		2.12	1.63	100	100							0.51	2.60	4		
5	2.68			7.3	7.5	23.0			9.0		468		5	206		2	1.35	5.64	14	6.9	1.82	1.62	100	100							0.56	1.50	4		
6	2.60			6.8	7.4	21.0			8.0		138		5	140		2	1.34	4.925	26	4.9	2	1.53	100	100							0.53	1.20	4		
7	2.53			7.4	7.4	21.0			8.0		432		5	249		2	1.36	5.47	32	5.4	2.2	1.68	100	100							0.50	1.20	4		
8	3.25			6.3	7.4	28.0			8.0		75		6	104		2	1.36	5.47	28	4.7	1.94	1.57	100	100							0.56	1.80	4		
9	2.78			6.5	7.1	40.0			7.0		300		2	137		2	1.37	5.545	27	4.5	2	1.52	100	90							0.49	1.60	4		
10	2.52			6.6	7.2	25.0			8.0		454		5	187		2	1.38	4.085	19	4.3	2.140	1.6	100	90							0.52	1.50	4		
11	2.50	3	3	6.7	7.2	40.0			8.0		368		4	276		2	1.38	4.895	24	4.4	2.08	1.73	100	100							0.60	1.80	4		
12	3.14			6.5	7.0	25.0			8.0		404		9	209		4	1.36	5.485	27	4.2	2.15	1.77	100	90							1.01	3.40	4		
13	3.65			6.8	7.0	15.0			8.0		502		5	225		2	1.34	5.5	36	4.7	2.34	1.81	100	90							0.58	1.60	4		
14	2.84			6.5	7.0	18.0			8.0		390		6	195		2	1.39	5.76	29	5.3	1.96	1.48	100	90							0.56	1.20	4		
15	2.59			6.5	6.6	20.0			8.0		472		5	221		2	1.41	6.105	26	4.4	2.15	1.67	100	100							0.51	1.50	4		
16	2.48			6.6	7.0	16.0			8.0		482		5	160		2	1.38	5.925	28	5.6	2.26	1.7	100	100							0.55	1.30	4		
17	2.43			6.8	7.0	20.0			8.0		546		4	200		2	1.35	6.02	28	5.2	2.22	1.69	120	100							0.12	1.20	4		
18	2.42	3	3	6.6	7.3	35.0			8.0		652		4	298		2	1.35	5.395	24	4.6	2.16	1.65	100	90							0.60	2.00	4		
19	2.55			6.5	7.0	55.0			8.0		494		18	210		2	1.36	5.33	23	4.6	2.29	1.76	110	100							0.81	1.80	15		
20	3.64			6.9	7.5	38.0			8.0		134		2	173		2	1.4	7.18	24	5.3	2.35	1.78	120	110							0.46	1.20	4		
21	2.69			6.7	7.1	15.0			8.0		516		5	284		2	1.41	5.955	30	4.2	2.4	1.86	130	120							0.85	1.70	4		
22	2.53			6.4	7.1	38.0			8.0		305		5	301		2	1.438	5.77	28	5.7	2.33	1.78	130	120							0.80	1.10	4		
23	2.35			6.6	7.1	25.0			8.0		490		2	306		2	1.43	5.66	29	5.6	1.9	1.75	130	120							0.65	1.40	4		
24	2.47			6.5	6.7	35.0			8.0		374		3	283		2	1.44	4.755	28	5.4	1.98	1.55	130	120							0.69	1.10	4		
25	2.52	3	3	6.3	7.1	35.0			8.0		500		3	375		2	1.44	4.765	29	5.8	2.26	1.75	130	120							0.62	1.30	4		
26	2.36			6.3	6.9	42.0			8.0		290		2	253		2	1.48	5.53	31	4.5	2.09	1.6	130	110							0.54	0.90	36		
27	2.31			6.3	7.3	31.0			8.0		222		3	214		2	1.45	4.325	28	3.5	2.19	1.72	130	120							0.72	1.10	4		
28	2.34			6.2	6.9	15.0			8.0		213		3	208		2	1.44	5.195	28	3.1	2.13	1.63	110	100							0.64	1.60	4		
29	2.30			6.9	7.1	15.0			8.0		245		3	277		2	1.44	5.13	25	2.5	2.03	1.58	110	100							0.74	0.67	4		
30	2.22			6.1	6.8	15.0			8.0		308		4	190		2	1.43	4.255	20	2.5	2.22	1.67	100	90							0.81	0.90	8		
31	2.15			7.0	7.0	30.0			8.0		480		5	272		2	1.41	5.355	23	3	2.1	1.58	90	80							1.02	1.10	4		
Tot.	81.54	12	12														43.06																		
Avg.	2.63	3	3	6.7	7.1	28.1			8.2		376		5	221		2	1.389	5.292	25.97	4.803	71.11	1.676	111.3	103.5							0.62	1.46	5		

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

25051

28497

39318

FLOW

CBOD

TSS

Mike Stephenson

9616

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

(502)267-9257

PLANT TELEPHONE