



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

December 17, 2012

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 November 2012**

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 November 2012.

There were no exceedences, bypasses or overflows to report.

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 11.12.doc

Enclosures

cc: R. Shaw
T. Singleton



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

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

KY0025194
PERMIT NUMBER


001 2
DISCHARGE NUMBER

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

LOCATION **LOUISVILLE KY 40299**
ATTN: **DENNIS THOMASSON SR. METRO OPS**

MONITORING PERIOD
FROM YEAR **12** MO **11** DAY **01** TO YEAR **12** MO **11** DAY **30**

NOTE: Read instructions before completing this form

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	***	9	*****	*****	(19) MG/L	0	1/1	GR	
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	6.5	*****	7.9	(12) SU	0	1/1	GR	
PH	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/WEEK	GRAB	
00400 1 0 0	SAMPLE MEASUREMENT	4863	5767	(26) LBS/DY	*****	240	309	(19) MG/L	0	1/1	CP	
EFFLUENT GROSS VALUE	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	SAMPLE MEASUREMENT	169	188	(26) LBS/DY	*****	8	8	(19) MG/L	0	1/1	CP	
00530 G 0 0	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	
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	468	497	(26) LBS/DY	*****	23	27	(19) MG/L	0	1/1	CP	
NITROGEN, AMMONIA TOTAL (AS N)	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	
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	14	17	(26) LBS/DY	*****	0.7	0.8	(19) MG/L	0	1/1	CP	
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT MEASUREMENT	334 MO AVG	500 MX WK AV	(26) LBS/DY	*****	10 MO AVG	15 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	17	20	(26) LBS/DY	*****	0.8	0.9	(19) MG/L	0	1/1	CP	
PHOSPHORUS, TOTAL (AS P)	PERMIT MEASUREMENT	67 MO AVG	100 MX WK AV	(26) LBS/DY	*****	2.0 MO AVG	3.0 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
00665 1 2 1	EFFLUENT GROSS VALUE											
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		
GREG HEITZMAN EXECUTIVE DIRECTOR								502	540-6000	12	12	18
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR

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

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

LOCATION LOUISVILLE KY 40299
ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 12	11	01	TO 12	11	30

NOTE: Read instructions before completing this form

PARAMETER	X	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 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.45	2.77	(03) MGD	*****	*****	*****	***	0	CN	CN
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTIN
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	2	3	(13) 100ML	0	1/1	GRAB
	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	3952	4418	(26) LBS/DY	*****	196	237	(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
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	51	55	(26) LBS/DY	*****	3	2	(19) MG/L	0	1/1	CP
	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 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/30	CA
	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	97	*****	*****	(23) CENT	0	1/30	CA
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
GREG HEITZMAN
 EXECUTIVE DIRECTOR
 TYPED OR PRINTED

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.

Dennis Thomasson
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 TELEPHONE 502 540-6000
 DATE 12 12 18
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

NAME OF TREATMENT PLANT JEFFERSONTOWN WTP
 KPDES PERMIT NUMBER KY0025194

COUNTY JEFFERSON
 PLANT CAPACITY 4.0 MGD

MONTH OF: November 2012
 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	30 MIN.	80 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000	TOTAL PHOS. (mg/L)	NH4-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)	
																																			RAW
1	2.50			7.4	7.6	19.0				9.2		110	9	199		3	1.22	5975	30	7.8	2860	2180	130	130							0.77	0.90	2		
2	2.33			7.1	7.3	13.0				9.1		502	2	162		2	1.17	6410	24	7.9	3070	2400	130	130							0.59	1.10	2		
3	2.49			6.6	7.5	14.0				9.6		329	6	130		2	1.17	7110	35	8.2	2580	1930	140	130							0.70	0.45	2		
4	2.57			7.2	6.6	12.0				9.0		84	11	76		3	1.23	5485	19	8.1	2430	1840	130	130							0.93	1.00	2		
5	2.37	3	3	6.8	7.0	24.0				8.9		106	10	153		2	1.21	7340	33	8.1	1490	1280	140	140							0.94	0.62	2		
6	2.35			7.2	7.9	58.0				9.0		168	6	150		2	1.25	5495	31	8.2	2780	2110	140	140							0.73	1.10	2		
7	2.37			7.0	7.5	50.0				9.5		67	12	171		3	1.24	5755	28	8.5	2820	2300	140	130							1.05	0.56	2		
8	2.36			7.4	7.5	60.0				9.2		206	10	170		3	1.26	5605	36	8.1	2680	2090	140	140							1.00	0.56	2		
9	2.34			7.1	7.3	55.0				9.0		77	10	135		3	1.27	5635	31	8.3	2840	2320	140	140							1.00	0.62	2		
10	2.31			6.9	7.6	50.0				9.0		100	10	87		2	1.27	6370	28	6.7	3620	2800	140	140							0.91	0.73	2		
11	2.30			6.8	7.4	30.0				9.1		300	6	138		2	1.71	7100	27	7.1	2730	2110	140	140							0.88	0.95	2		
12	4.08	3	3	7.2	6.8	30.0				9.0		276	5	160		2	1.19	5770	20	7.1	2940	2310	150	150							0.76	0.67	4		
13	3.20			7.7	7.9	17.0				9.0		166	9	162		2	1.05	8110	20	7.2	2980	2360	150	150							0.71	0.50	2		
14	2.78			6.9	7.8	19.0				9.8		210	9	191		3	1.02	7860	21	7.8	2870	2220	170	160							0.82	0.45	2		
15	2.63			6.7	6.9	16.0				9.6		262	11	202		2	1.07	7615	27	7.4	2970	2360	180	170							0.79	0.62	2		
16	2.48			7.2	7.3	15.0				9.7		88	7	100		2	1.09	5625	27	7.3	3000	2350	180	180							0.76	0.50	2		
17	2.43			6.9	7.3	16.0				9.8		280	9	238		2	1.08	7360	31	7.4	3050	2380	200	190							0.82	0.45	2		
18	2.43			6.8	7.2	15.0				9.9		226	9	169		2	1.08	5305	31	8	3030	2350	200	180							0.95	0.56	2		
19	2.42	3	3	7.5	6.5	18.0				9.9		292	8	232		2	1.07	7850	35	8.1	2880	2260	190	180							0.84	0.67	2		
20	2.34			7.3	7.0	23.0				9.7		334	6	315		2	1.05	5180	35	7.4	2940	2270	200	190							0.79	0.62	2		
21	2.35			7.1	7.2	14.0				9.5		246	6	204		2	1.04	6235	43	7	2850	2310	190	180							0.80	0.73	2		
22	2.18			6.4	6.5	20.0				9.9		146	7	194		2	1.05	6125	37	7.4	2890	2310	180	180							0.86	0.45	2		
23	2.15			6.6	6.7	17.0				9.6		88	6	60		2	1.05	5750	42	7.6	2830	2220	170	160							0.75	1.10	2		
24	2.19			7.6	7.7	12.0				9.7		420	9	211		2	1.06	4730	28	7.3	2580	1950	180	160							0.84	1.00	2		
25	2.25			7.4	6.9	20.0				9.6		382	9	262		3	1.08	4685	30	8.8	2800	2260	150	150							0.81	0.50	2		
26	2.25	3	3	6.9	6.7	28.0				9.5		358	6	353		2	1.1	5080	33	8	2850	2250	180	170							0.69	0.67	5		
27	2.27			6.6	7.4	40.0				9.4		376	8	309		3	1.11	5790	35	7.8	2750	1980	190	170							0.67	0.90	2		
28	2.26			7.0	6.8	30.0				9.6		394	11	268		3	1.12	5400	36	8.1	2550	1900	180	170							0.86	0.67	5		
29	2.26			6.9	7.3	35.0				9.5		100	11	213		5	1.11	5345	35	7.6	3140	2380	200	180							0.81	0.78	2		
30	2.18			7.0	7.0	44.0				9.7		508	12	470		5	1.11	4635	31	7.3	2920	2440	240	190							0.89	0.50	10		
31																																			
Tot.	73.45	12	12														34.53																		
Avg.	2.45	3	3	7.0	7.2	27.1				9.4		240	8	196		3	1.151	6090	30.63	7.72	2823	2207	166.3	158.3							0.82	0.70	2		

RESIDENTIAL COMMERCIAL INDUSTRIAL _____ FLOW _____
 INDUSTRIAL WASTE POPULATION EQUIVALENT
 23318 23558 23340
 FLOW CBOD TSS
 Staci Huber OPERATOR
 116402 CERT. NO.

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

502-267-9257
 PLANT TELEPHONE