



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

July 12, 2012

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

RE: Jeffersontown WQTC, KPDES No: KY0025194  
Discharge Monitoring Report  
June 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 June 2012.

Also attached are a bypass/blending letter, overflow report and the 2<sup>nd</sup> quarter biomonitoring DMR's.

There were no exceedences.

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 "Duane V. Wright". The signature is fluid and cursive, with the first name "Duane" being the most prominent.

Duane V. Wright  
Process Supervisor Central Region

DVW/Jeffersontown 6.12.doc

Enclosures

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



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

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

KY0025194  
PERMIT NUMBER

0012  
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	TO	YEAR	MO	DAY
12	06	01		12	06	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	*****	*****	***	8	*****	*****	(19) MG/L	0	1/1	GR																		
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	7	*****	*****	(19) INST MIN		THREE/WEEK	GRAB																		
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	6.6	*****	7.8	(12) SU	0	1/1	GR																		
PH	PERMIT MEASUREMENT	*****	*****	***	6.0	*****	9.0	(12) MINIMUM MAXIMUM SU		THREE/WEEK	GRAB																		
00400 1 0 0	SAMPLE MEASUREMENT	3706	4610	(26) LBS/DY	*****	152	205	(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	166	269	(26) LBS/DY	*****	6	8	(19) MG/L	0	1/1	CP																		
00530 G 0 0	PERMIT MEASUREMENT	1000	1501	(26) LBS/DY	*****	30	45	(19) MO AVG MX WK AV		THREE/WEEK	COMPOS																		
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	470	503	(26) LBS/DY	*****	20	24	(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	25	35	(26) LBS/DY	*****	1	1	(19) MG/L	0	1/1	CP																		
00530 1 0 0	PERMIT MEASUREMENT	133	200	(26) LBS/DY	*****	4	6	(19) MO AVG MX WK AV		THREE/WEEK	COMPOS																		
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	14	27	(26) LBS/DY	*****	0.5	0.8	(19) MG/L	0	1/1	CP																		
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT MEASUREMENT	33	50	(26) LBS/DY	*****	1.0	1.5	(19) MO AVG MX WK AV		THREE/WEEK	COMPOS																		
00610 G 0 0	SAMPLE MEASUREMENT	25	35	(26) LBS/DY	*****	1	1	(19) MG/L	0	1/1	CP																		
RAW SEW/INFLUENT	PERMIT MEASUREMENT	133	200	(26) LBS/DY	*****	4	6	(19) MO AVG MX WK AV		THREE/WEEK	COMPOS																		
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	14	27	(26) LBS/DY	*****	0.5	0.8	(19) MG/L	0	1/1	CP																		
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT MEASUREMENT	33	50	(26) LBS/DY	*****	1.0	1.5	(19) MO AVG MX WK AV		THREE/WEEK	COMPOS																		
00610 1 1 0	SAMPLE MEASUREMENT	14	27	(26) LBS/DY	*****	0.5	0.8	(19) MG/L	0	1/1	CP																		
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	33	50	(26) LBS/DY	*****	1.0	1.5	(19) MO AVG MX WK AV		THREE/WEEK	COMPOS																		
PHOSPHORUS, TOTAL (AS P)	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.																												
00665 1 1 1	<table border="1"> <tr> <td rowspan="2">NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</td> <td colspan="2">TELEPHONE</td> <td colspan="2">DATE</td> </tr> <tr> <td>502</td> <td>540-6000</td> <td>12</td> <td>07</td> <td>23</td> </tr> <tr> <td colspan="2">TYPED OR PRINTED</td> <td>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</td> <td>AREA CODE</td> <td>NUMBER</td> <td>YEAR</td> <td>MO</td> <td>DAY</td> </tr> </table>											NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE		DATE		502	540-6000	12	07	23	TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE		DATE																										
	502	540-6000	12	07	23																								
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY																						
GREG C. HEITZMAN INTERIM EXECUTIVE DIRECTOR																													

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

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

**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	TO	YEAR	MO	DAY
12	06	01		12	06	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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3.12	4.47	(03) MGD	*****	*****	*****	***	0	CN	CN
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTINUOUS
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	2	3	(13) 100ML	0	1/1	GR
	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	3345	3510	(26) LBS/DY	*****	141	171	(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	65	123	(26) LBS/DY	*****	2	3	(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	*****	*****	***	98	*****	*****	(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	*****	*****	***	96	*****	*****	(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 C. HEITZMAN INTERIM EXECUTIVE DIRECTOR	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 502 540-6000		DATE 12 07 23			
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					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 JEFFERSONTOWN WQTC MSD  
ADDRESS C/O CEDAR CREEK WQTC  
8405 CEDAR CREEK RD  
LOUISVILLE KY 40211  
FACILITY JEFFERSONTOWN WQTC

KY0025194  
PERMIT NUMBER


001 Y  
DISCHARGE NUMBER

MAJOR (SUBR LV)  
F - FINAL JEFFE  
BIOMONITORING/ONCE PER QUARTER EFFLUENT  
[ ] No Discharge

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	04	01		12	06	31

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				
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 1	SAMPLE MEASUREMENT	*****	*****	***	*****	218	218	(19) MG/L	0	1/90	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
CADMIUM, DISSOLVED (AS CD) 01025 1 0 1	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.001	<0.001	(19) MG/L	0	1/90	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
COPPER, DISSOLVED (AS CU) 01040 1 0 1	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.006	<0.006	(19) MG/L	0	1/90	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
LEAD, DISSOLVED (AS PB) 01049 1 0 1	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.080	<0.080	(19) MG/L	0	1/90	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
ZINC, DISSOLVED (AS ZN) 01090 1 0 1	SAMPLE MEASUREMENT	*****	*****	***	*****	0.018	0.018	(19) MG/L	0	1/90	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
ZINC TOTAL RECOVERABLE 01094 1 0 1	SAMPLE MEASUREMENT	*****	*****	***	*****	0.020	0.020	(19) MG/L	0	1/90	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
CADMIUM TOTAL RECOVERABLE 01113 1 0 1	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.001	<0.001	(19) MG/L	0	1/90	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GREG C. HEITZMAN INTERIM EXECUTIVE DIRECTOR	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		
TYPED OR PRINTED	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							502	540-6000	12	06	12
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)								AREA CODE	NUMBER	YEAR	MO	DAY

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

**NAME** JEFFERSONTOWN WQTC MSD  
**ADDRESS** C/O CEDAR CREEK WQTC  
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KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)  
 DISCHARGE MONITORING REPORT (DMR)

KY0025194  
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MAJOR (SUBR LV)  
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MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	04	01		12	06	31

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

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PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
LEAD TOTAL RECOVERABLE 01114 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.080	<0.080	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
COPPER TOTAL RECOVERABLE 01119 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.006	0.006	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
TOXICITY, FINAL CONC TOXICITY UNITS 61406 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	<1.00	(2G) TOXCTY	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	*****	1.00	(2G) TOXCTY		QTRLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GREG C. HEITZMAN INTERIM EXECUTIVE DIRECTOR	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 INDIVIDALS 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			
TYPED OR PRINTED						502	540-6000	12	06	12	
						AREA CODE	NUMBER	YEAR	MO	DAY	

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

NAME OF TREATMENT PLANT JEFFERSONTOWN WTP

COUNTY JEFFERSON

MONTH OF: June 2012

KPDES PERMIT NUMBER KY0025194

PLANT CAPACITY 4.0 MGD

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.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000	TOTAL PHOS. (mg/L)	NH3-N (mg/L)	FECAL COLIFORM (COL/100ML)		
																																			RAW	HAULED
1	8.66			6.6	6.6	15.0			8.7		48		5	44		2	97	3770		6.8	1350	1050	140	110							30	0.48	1.00	2		
2	5.10			6.8	6.9	15.0			9.1		56		8	59		8	101	4240		7	1690	1280	180	170							60	0.62	1.10	2		
3	3.98			7.0	7.3	10.0			10.0		122		5	55		2	90	4850		6.6	1820	1350	190	170							54	1.04	1.00	2		
4	3.87			6.8	7.6	7.0			9.8		166		6	147		3	92	3050		6.8	2070	1670	190	180							78	1.15	1.20	2		
5	3.66			6.9	7.2	11.0			8.9		120		11	125		2	99	3230		7.9	2090	1570	210	190							78	0.93	0.56	2		
6	3.14	3		7.0	7.2	9.0			9.2		196		13	164		4	101	2600		7.7	2170	1660	210	180							24	0.68	0.84	2		
7	2.90			7.1	7.3	5.0			9.2		142		6	144		2	80	3830		7.6	2120	1580	200	170							24	0.51	0.67	2		
8	2.74			6.9	7.5	5.0			9.1		260		6	152		2	101	2800		7.4	2260	1720	190	150							18	0.52	0.78	2		
9	2.59			6.8	7.1	12.0			9.1		340		4	92		2	97	4430		6.9	2510	1840	200	200							48	0.44	0.95	2		
10	2.59			6.9	6.9	8.0			8.3		242		5	138		2	99	2550		7.1	2100	1470	150	125							24	0.51	0.95	2		
11	3.13			7.1	7.2	18.0			9.2		232		7	175		2	90	5000		7.3	2240	1930	190	110							48	0.60	0.84	2		
12	2.75			6.9	7.5	14.0			8.9		68		6	144		2	90	4260		7	2220	1690	190	110							36	0.60	1.20	2		
13	2.55	3		6.9	7.3	5.0			9.0		66		8	126		2	92	3770		7.1	2240	1670	190	100							42	0.55	1.10	4		
14	2.48			6.9	7.2	31.0			8.8		230		9	148		2	85	3440		6.5	1990	1510	210	80							42	0.56	1.00	2		
15	2.40			6.9	7.2	16.0			8.8		214		8	194		2	79	3000		7	3170	1820	210	100							54	0.49	0.95	12		
16	3.94			7.1	7.3	17.0			8.8		150		10	83		2	78	4880		7.2	2380	1610	200	90							72	0.69	0.84	2		
17	4.35			7.1	6.7	17.0			9.1		154		7	90		2	78	5420		7.8	2210	1330	200	100							36	0.37	0.34	2		
18	3.61			6.9	7.5	7.0			9.1		140		6	132		2	78	4550		8.2	2380	1660	170	120							24	0.37	0.90	2		
19	3.00			7.1	7.8	13.0			8.5		228		4	174		2	78	4870		8.1	2330	1410	200	150							18	0.32	1.00	2		
20	2.73	3		6.9	6.8	25.0			8.7		54		7	122		2	80	4520		7.7	2000	2810	150	150							24	0.32	1.10	2		
21	2.63			7.0	7.5	18.0			9.1		80		4	164		3	79	5240		7.2	3940	2312	150	150							18	0.33	1.10	4		
22	2.54			6.9	7.2	28.0			8.7		87		4	158		2	80	3600		7.3	2690	1710	150	150							24	0.34	1.20	2		
23	2.39			6.9	7.1	20.0			9.0		80		4	62		2	79	4410		7	2430	2310	130	120							90	0.34	1.00	2		
24	2.30			6.9	7.2	25.0			8.8		152		3	151		2	77	5070		7.1	3210	1830	140	130							48	0.39	1.00	2		
25	2.35			6.9	7.1	33.0			8.7		128		3	173		2	79	5050		6.5	2510	1930	150	150							24	0.36	1.10	2		
26	2.32			6.8	7.7	28.0			8.6		308		4	292		2	67	5980		7	2660	1960	110	150							36	0.40	0.84	2		
27	2.27	3		7.0	7.3	15.0			8.8		78		4	176		4	77	4780		7.2	2710	2110	90	130							18	0.43	1.10	2		
28	2.24			6.9	6.9	25.0			9.0		81		5	187		2	78	3150		7.8	2160	2000	100	140							24	0.42	1.20	2		
29	2.18			6.7	6.9	18.0			9.1		159		9	183		2	79	3520		8.2	2820	1960	100	130							42	0.42	1.10	2		
30	2.13			6.5	7.4	10.0			8.7		170		7	181		2	79	5060		8.1	2660	1980	120	140							84	0.44	1.10	2		
31																																				
Tot.	93.50	12		6.9													2559														1242					
Avg.	3.12	3		6.9	7.2	16.0			9.0		152		6	141		2	85.3	4164		7.303	2371	1758	140	138.2						41.4	0.52	0.97	2			

RESIDENTIAL  
COMMERCIAL  
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
29682  
FLOW

21584  
CBOD

18777  
TSS

LANGFORD, CHRIS  
OPERATOR

24242  
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS 0

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-267-9257  
PLANT TELEPHONE



700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
www.msdlouky.org

June 26, 2012

Mr. Charlie Roth, District Supervisor  
KY Division of Water  
Louisville Regional Office  
9116 Leesgate Road  
Louisville, KY 40222-5084

**Re: Bypass Report for the Jeffersontown WQTC – KPDES Permit KY0025194**

Dear Mr. Roth:

This plant experienced a bypass event and has been reported to the Kentucky Department of Environmental Protection hotline (incident number 20122636) at 1:41 a.m. and through our electronic notification system at approximately 01:00 PM on June 25, 2012, referencing Work Order 1508255 as a dry weather discharge. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

Provided below are the details of the bypass event:

- Description of the noncompliance and its cause: A momentary power disruption or surge at the Jeffersontown WQTC caused the UV system to lose power. The power interruption was not sufficient for the stand by generators to start. Power was restored to the UV system within 10 minutes. Approximately 10,633 gallons of sewage receive full treatment except UV disinfection.
- Period of noncompliance: Starting 12:58 AM on June 25, 2012 and stopping 01:08 AM on June 25, 2012.
- Steps taken or planned to reduce, eliminate and prevent recurrence: The Jeffersontown WQTC will be eliminated in 2014. The system operates properly during a complete power failure. MSD will continue to monitor for power surges.

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-239-7574, my cell phone at (502)-396-9142 or via email at [wrightd@msdlouky.org](mailto:wrightd@msdlouky.org).

Sincerely,

Duane V. Wright  
Process Supervisor-Operations

cc: Gary Levy, KDEP  
Paula Purifoy, Wes Sydnor, Kevin Ries, Robert Bates - MSD  
eB File



Mr. Charlie Roth, District Supervisor  
KY Division of Water  
Page 2





Report Selections: Excluding PPI, CSO, Excluding LAT and SSL, Prob Code: BYPAS, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194	<b>Facility ID</b> MSD0255	<b>Water Quality Treatment Center</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Center</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b>	<b>Facility ID</b>	<b>Facility Address</b>	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b>	<b>Discharge to</b>
SPL Sewer Treatment Plant	MSD0255	10725 OLD TAYLORSVILLE RD		CHENOWETH RUN	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISDW: DRY WEATHER DISCHARGE	1508255	06/25/12 12:58 AM	MARKS JR	OPS ASHIFT	DOCUMENTED	01/14/07	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	06/25/12 01:08 AM	

**Spot Inspections:**

Discharge Amount:	10,633 GAL
Cause:	POWER BLIP AT THE STATION
Clean Up:	NO CLEAN UP SUBMERGED DISCHARGE PIPE
Control Zone:	PERMENANT SIGNS POSTED
Impact:	SUBMERGED DISCHARGE NO IMPACT OBSERVED
Repair:	RESET AND PUT SYSTEMS ON LINE

**Notifications:**

06/25/12 01:23 AM	DISPUB	MSD USED SIGNS TO WARN THE PUBLIC
06/25/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
06/25/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov