



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

July 19, 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
June 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 June 2011.

Also attached are overflow reports, blending/bypass letters and the second 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,

Duane V. Wright
Process Supervisor Central Region

DVW/Jeffersontown 6.11.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

 KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (K-PDES)
 DISCHARGE MONITORING REPORT (DMR)

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
 FROM YEAR 11 MO 06 DAY 01 TO YEAR 11 MO 06 DAY 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			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	***	7	*****	*****	(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 PH	SAMPLE MEASUREMENT	*****	*****	***	6.6	*****	7.8	(12) SU	0	1/1	GR
00400 1 0 0	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/ WEEK	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	9674	11483	(26) LBS/DY	*****	357	520	(19) MG/L	0	1/1	CP
SOLIDS, TOTAL SUSPENDED	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
00530 G 0 0	SAMPLE MEASUREMENT	274	410	(26) LBS/DY	*****	10	18	(19) MG/L	0	1/1	CP
RAW SEW/INFLUENT	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
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	425	461	(26) LBS/DY	*****	16	20	(19) MG/L	0	1/1	CP
00530 1 0 0	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
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	49	73	(26) LBS/DY	*****	2	4	(19) MG/L	0	1/1	CP
NITROGEN, AMMONIA TOTAL (AS N)	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
00610 G 0 0	SAMPLE MEASUREMENT	20	22	(26) LBS/DY	*****	0.7	1.0	(19) MG/L	0	1/1	CP
RAW SEW/INFLUENT	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
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	00610 1 1 0									
00610 1 1 0	PERMIT MEASUREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
PHOSPHORUS, TOTAL (AS P)	PERMIT MEASUREMENT										
00665 1 1 1	SAMPLE MEASUREMENT										
EFFLUENT GROSS VALUE	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 these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)										
H J SCHARDEIN EXECUTIVE DIRECTOR					TELEPHONE 502 540-6000 AREA NUMBER CODE				DATE 11 0 7 20 YEAR MO DAY		
TYPED OR PRINTED					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 						

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

LOCATION LOUISVILLE KY 40299

ATTN: DENNIS THOMASSON SR. METRO OPS

KENTUCKY FULLY AUTOMATIC DISCHARGE MONITORING REPORT (DMR)

KY0025194
 PERMIT NUMBER

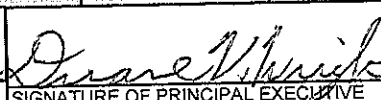
001 2
 DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR 11 MO 06 DAY 01 TO YEAR 11 MO 06 DAY 30

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

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	3.67	5.84	(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	7	(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	5171	6708	(26) LBS/DY	*****	201	294	(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	113	185	(26) LBS/DY	*****	4	5	(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	*****	*****	***	98	*****	*****	(23) CENT	0	1/30	CA	
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD	
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	97	*****	*****	(23) CENT	0	1/30	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	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							502	540-6000	11	07	20
TYPED OR PRINTED								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

LOCATION LOUISVILLE KY 40299

ATTN: DENNIS THOMASSON SR. METRO OPS

DISCHARGE MONITORING REPORT (DMR)

KY0025194
 PERMIT NUMBER

001 Y
 DISCHARGE NUMBER

MONITORING PERIOD								
YEAR	MO	DAY				YEAR	MO	DAY
FROM 11	04	01				TO 11	06	31

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

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				
HARDNESS, TOTAL (AS CACO3) 00900 1 0 1	SAMPLE MEASUREMENT	*****	*****	***	*****	240	240	(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	*****	*****	***	*****	< 0.0005	< 0.0005	(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	*****	*****	***	*****	0.012	0.012	(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	*****	*****	***	*****	< 0.001	< 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	
ZINC, DISSOLVED (AS ZN) 01090 1 0 1	SAMPLE MEASUREMENT	*****	*****	***	*****	0.021	0.021	(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	*****	*****	***	*****	0.027	0.027	(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	*****	*****	***	*****	< 0.0005	< 0.0005	(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	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	07	20							
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE	NUMBER			
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)												

NAME JEFFERSONTOWN WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
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 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)

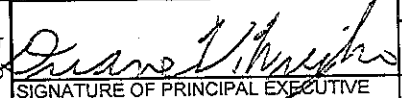
KY0025194
 PERMIT NUMBER

001 Y
 DISCHARGE NUMBER

MONITORING PERIOD
 YEAR MO DAY
 FROM 11 04 01 TO 11 06 31

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

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				
LEAD	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.001	<0.001	(19) MG/L	0	1/90	CP	
TOTAL RECOVERABLE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
01114 1 0 1												
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.011	0.011	(19) MG/L	0	1/90	CP	
COPPER	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
TOTAL RECOVERABLE												
01119 1 0 1												
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	<1.00	(2G) TOXCTY	0	1/90	CP	
TOXICITY, FINAL CONC	PERMIT MEASUREMENT	*****	*****	***	*****	*****	1.00	(2G) TOXCTY		QTRLY	COMPOS	
TOXICITY UNITS												
61406 1 0 1												
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	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 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	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							502	540-6000	11	07	20
EXECUTIVE DIRECTOR								AREA CODE	NUMBER	YEAR	MO	DAY
TYPED OR PRINTED												

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

NAME OF TREATMENT PLANT JEFFERSONTOWN WTP
 KPDES PERMIT NUMBER KY0025194

COUNTY JEFFERSON
 PLANT CAPACITY 4.0 MGD

MONTH OF: June 2011
 RECEIVING STREAM CHENOWETH RUN

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	RETURN		WASTE P	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	INTERMEDIATE GALLONS x 1000	TOTAL PHOS. (mg/L)	NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)
																		GAL/DAY x 1000	MLSS x 1000					30 MIN.	50 MIN.									
1	3.16			7.1	7.4	15.0			8.8		314		6	236		2	1.36	3.94	30	2.9	1.94	1.63	130	120							0.42	1.20	4	
2	3.01			6.4	7.1	24.0			8.9		313		7	280		3	1.31	3.83	30	6.8	1.82	1.62	150	120							0.52	1.80	8	
3	2.85			6.4	7.2	25.0			8.7		436		36	341		8	1.32	2.78	36	6.7	1.76	1.6	160	130							0.99	2.90	4	
4	2.69			7.0	7.7	40.0			8.2		332		19	143		7	1.34	2.88	36	6.9	2.06	1.75	150	120							1.13	3.60	1	
5	2.60			7.1	7.7	23.0			8.4		386		21	233		4	1.32	2.63	36	6.6	1.79	1.39	130	110							1.13	1.90	87	
6	2.56			6.7	7.4	34.0			8.4		380		9	219		3	1.33	2.92	26	6.8	1.81	1.56	130	110							1.09	2.50	4	
7	2.50	3	3	6.9	7.3	34.0			8.1		408		29	609		8	1.35	3.46	26	6.6	1.86	1.52	110	90							1.61	2.20	4	
8	2.50			6.3	7.0	30.0			7.4		618		7	310		5	1.42	3.64	16	5.1	2.08	1.8	150	120							0.59	3.40	4	
9	2.44			6.4	7.4	30.0			7.9		612		12	285		4	1.36	3.58	20	4.9	2.11	1.72	150	130							0.85	4.60	5	
10	2.38			6.3	6.6	30.0			8.0		610		8	320		4	1.31	2.93	20	5.1	2.14	1.68	150	130							0.93	5.80	4	
11	2.36			7.0	6.9	30.0			8.5		538		7	277		14	1.31	3.37	24	6	2.22	1.86	180	100							1.01	1.00	4	
12	2.31			6.5	6.8	20.0			8.7		104		9	105		5	1.3	3.81	25	5.8	2.28	1.79	120	100							0.99	5.20	4	
13	2.29			6.8	7.0	70.0			8.9		442		6	248		2	1.3	3.49	24	5.7	1.66	1.35	110	100							0.89	3.20	7	
14	2.32	3	3	6.5	7.2	26.0			9.2		714		4	313		2	1.31	3.75	24	6.3	1.95	1.6	100	90							0.74	2.50	4	
15	3.47			6.8	7.6	35.0			9.1		448		8	176		2	1.33	3.24	19	6.7	2.23	1.94	110	100							0.77	1.30	4	
16	2.92			6.9	6.6	17.0			8.6		98		6	88		2	1.35	3.11	18	6.4	2.23	1.82	110	100							0.70	1.60	7	
17	2.60			6.8	7.5	4.0			8.5		730		7	358		3	1.35	3.8	18	6	2.21	1.69	120	110							0.76	1.80	4	
18	4.81			6.7	7.2	36.0			8.9		472		5	122		2	1.35	2.96	23	5.8	2.06	1.53	110	100							0.51	1.30	4	
19	4.50			6.6	7.3	31.0			8.6		246		6	102		2	1.35	3.81	27	5.2	2.14	1.98	120	110							0.53	0.95	4	
20	4.79			6.7	7.6	14.0			8.7		77		3	54		2	1.34	6.99	24	7.1	1.98	1.59	100	100							0.44	0.84	4	
21	4.28	3	3	6.9	7.6	4.0			8.6		504		8	196		2	1.34	5.58	28	7	1.93	1.77	120	110							0.65	0.06	4	
22	4.92			7.8	7.8	26.0			8.6		552		26	170		17	1.34	6.45	28	6.8	2.11	1.83	120	110							0.78	1.80	210	
23	12.91			6.9	7.6	28.0			8.4		131		8	55		2	1.34	9.49	28	7.8	1.32	1.17	80	80							0.43	0.84	5	
24	6.35			7.0	7.3	20.0			8.7		184		5	91		2	1.32	8.05	28	6.6	2.54	1.81	140	130							0.35	0.73	4	
25	4.55			6.9	7.4	18.0			8.8		64		6	42		2	1.32	7.94	6	6.8	2.29	1.68	150	130							0.33	0.06	4	
26	4.72			7.1	7.3	24.0			8.5		176		2	98		2	1.32	7.42	31	7	2.21	1.6	140	120							0.35	0.06	4	
27	3.99			7.5	7.2	15.0			8.8		141		2	83		2	1.32	4.63	32	7	2.06	1.63	140	130							0.42	1.20	4	
28	3.43	3	3	6.7	7.7	15.0			10.5		153		4	135		2	1.33	5.14	28	6.6	2.21	1.95	150	140							0.52	1.00	4	
29	3.06			6.6	7.7	40.0			10.9		486		7	239		2	1.35	3.7	24	7.3	2.28	1.77	140	130							0.57	1.20	4	
30	2.86			7.0	7.4	30.0			10.4		55		3	106		2	1.36	4.67	24	6.9	1.98	1.53	140	120							0.43	1.80	4	
Tot.	110.11	12	12														40.05															0.71	1.94	5
Avg.	3.67	3	3	6.8	7.3	26.3			8.8		357		10	201		4	1.335	4.466	25.3	6.307	2.042	1.672	130.3	113										

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

34957
 FLOW

36218
 CBOD

52108
 TSS

Mike Stephenson
 OPERATOR

9616
 CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

(502)267-9257
 PLANT TELEPHONE



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

June 24, 2011

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

Re: Bypass (Blending) Report for the Jeffersontown WQTC – KPDES Permit KY0025194

Dear Mr. Roth:

In accordance with 401 KAR 5:065, MSD is providing this letter as a written report of the bypass (blending) event that occurred at the Jeffersontown Water Quality Treatment Center (WQTC). The bypass started at 10:54 PM on June 22, 2011 and stopped at 08:15 PM on June 23, 2011.

Mitigation activities to minimize the extent and impact of the discharge included maximization of plant peak flow through secondary treatment to minimize the total amount of wastewater that did not receive full secondary treatment prior to blending with secondary effluent before receiving UV disinfection, and then being discharged through the permitted outfall. The cause of the bypass (blending) event was due to significant precipitation in the service area. The bypassed (blended) effluent entered Chenoweth Run at mile point 5.3.

In the table listed below is the total number of gallons of wastewater by calendar day that was bypassed (blended) around the secondary treatment of the Jeffersontown WQTC.

<u>Date</u>	<u>Start Time</u>	<u>Stop Time</u>	<u>Total Plant Flow (Vol)</u>	<u>Peak Plant Rate</u>	<u>Total Blended Flow (Vol)</u>
June 22 2011	10:54 PM	11:59 PM	4.92 MG	25.71 MGD	0.27 MG
June 23 2011	12:00 AM	08:15 PM	12.90 MG	19.68 MGD	2.91 MG

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.

Sincerely,

Duane V. Wright
Process Supervisor-Operations

cc: Gary Levy, KDEP
Paula Purifoy, MSD
eB File





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

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0025194	MSD0255	JEFFERSONTOWN	CHENOWETH RUN	CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28415	3406 DELL RD		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1286070	06/23/11 06:15 AM	SIVADO	GRIFFITH	DOCUMENTED	12/19/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	06/25/11 10:20 AM	

Spot Inspections:

Discharge Amount:	56,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1288561
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

06/23/11 08:42 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DISCHARGED CONTENT
06/23/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
06/23/11 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN	CHENOWETH RUN	CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	31733	2711 GRASSLAND DR		BEATTY BROOK	DITCH

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1286065	06/23/11 06:08 AM	SIVADO	GRIFFITH	DOCUMENTED	03/09/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	06/25/11 01:54 PM	

Spot Inspections:

Discharge Amount:	67,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1288556
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

06/23/11 08:40 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DISCHARGED CONTENT
06/23/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
06/23/11 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN	CHENOWETH RUN	CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	64096	4710 CHENOWETH RUN RD		CHENOWETH RUN	STREAM

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1287468	06/23/11 07:20 AM	SINGLETON	WRIGHT	DOCUMENTED	03/19/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	06/23/11 07:00 PM	

Spot Inspections:

Discharge Amount:	70,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED AROUND THE AREA
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

06/23/11 07:20 AM	DISPUB	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA
06/23/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
06/23/11 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



IMSAST0004

Overflow Report

Initiated Jun 01, 2011 12:00 AM thru Jun 30, 2011 11:59 PM

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

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN	CHENOWETH RUN	CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0255	10725 OLD TAYLORSVILLE RD		CHENOWETH RUN	STREAM

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1285823	06/22/11 10:54 PM	ELDER	MILLS	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE-WATER S	06/23/11 08:15 PM	

Spot Inspections:

Peak Plant Flow when Blending:	25,715,000 GPD
Total Plant Flow when Blending:	17,831,000 GAL
Discharge Amount:	3,181,344 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA
Clean Up:	NO CLEAN UP PERFORMED: PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGNS, PIPE DISCHARGING DIRECTLY INTO STREAM
Impact:	NONE OBSERVED - OUTLETS SUBMERGED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

Notifications:

	DISPUB	PERMANENT SIGNS POSTED IN AREA http://www.msdlouky.org/projectwin/
06/22/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
06/22/11 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov