



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

October 12, 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
September 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 September 2011.

Also attached is a bypass/blending letter, overflow report and the third quarter Biomonitoring DMR.

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 cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/Jeffersontown 9.11.doc

Enclosures

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



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

DISCHARGE MONITORING REPORT (DMR)

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
 FROM YEAR 11 MO 09 DAY 01 TO YEAR 11 MO 09 DAY 30

NOTE: Read instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT	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	*****	*****	***	7	*****	*****	(19) MG/L	0	1/1	GR	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/ WEEK	GRAB	
PH	00400 1 0 0	*****	*****	***	6.2	*****	7.5	(12) SU	0	1/1	GR	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/ WEEK	GRAB	
SOLIDS, TOTAL SUSPENDED	00530 G 0 0	6915	8939	(26) LBS/DY	*****	284	288	(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	
SOLIDS, TOTAL SUSPENDED	00530 1 0 0	120	150	(26) LBS/DY	*****	5	6	(19) MG/L	0	1/1	CP	
EFFLUENT GROSS VALUE	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	443	475	(26) LBS/DY	*****	19	22	(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	
NITROGEN, AMMONIA TOTAL (AS N)	00610 1 1 0	19	28	(26) LBS/DY	*****	0.8	1	(19) MG/L	0	1/1	CP	
EFFLUENT GROSS VALUE	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	15	16	(26) LBS/DY	*****	0.6	0.7	(19) MG/L	0	1/1	CP	
EFFLUENT GROSS VALUE	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.				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				TELEPHONE		DATE	
H J SCHARDEIN EXECUTIVE DIRECTOR					<i>Diane V. Wright</i>				502 540-6000		11 10 14	
TYPED OR PRINTED					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.

DISCHARGE MONITORING REPORT (DMR)

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						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 11	09	01		TO 11	09	30

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	3.01	4.10	(03) MGD	*****	*****	*****	***	0	CN	CN
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTINUOUS
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	4171	4590	(26) LBS/DY	*****	176	198	(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	51	68	(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	1/30	CA
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	98	*****	*****	(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							502	540-6000	11	10	14
TYPED OR PRINTED							AREA CODE	NUMBER	YEAR	MO	DAY
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.

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 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
FROM YEAR 11 MO 07 DAY 01 TO YEAR 11 MO 09 DAY 30

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 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	227	227	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
CADMIUM, DISSOLVED (AS CD) 01025 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.0010	< 0.0010	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
COPPER, DISSOLVED (AS CU) 01040 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.003	< 0.003	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
LEAD, DISSOLVED (AS PB) 01049 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
ZINC, DISSOLVED (AS ZN) 01090 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.0050	< 0.0050	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
ZINC TOTAL RECOVERABLE 01094 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.0050	< 0.0050	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS
CADMIUM TOTAL RECOVERABLE 01113 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.0010	< 0.0010	(19) MG/L	0	1/90	CP
	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.)										
H J SCHARDEIN EXECUTIVE DIRECTOR	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							TELEPHONE	DATE		
TYPED OR PRINTED	502							540-6000	11 10 14		
	AREA CODE							NUMBER	YEAR MO DAY		

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

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 Y
DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR 11 MO 07 DAY 01 TO YEAR 11 MO 09 DAY 30

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	*****	*****	***	*****	< 0.080	< 0.080	(19)	0	1/90	CP
TOTAL RECOVERABLE	MEASUREMENT			***				MG/L			
01114 1 0 1	PERMIT	*****	*****	***	*****	REPORT	REPORT	(19)		QTRLY	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT			***		MO AVG	DAILY MX	MG/L			
COPPER	SAMPLE	*****	*****	***	*****	< 0.003	< 0.003	(19)	0	1/90	CP
TOTAL RECOVERABLE	MEASUREMENT			***				MG/L			
01119 1 0 1	PERMIT	*****	*****	***	*****	REPORT	REPORT	(19)		QTRLY	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT			***		MO AVG	DAILY MX	MG/L			
TOXICITY, FINAL CONC	SAMPLE	*****	*****	***	*****	*****	<1.00	(2G)	0	1/90	CP
TOXICITY UNITS	MEASUREMENT			***				TOXCTY			
61406 1 0 1	PERMIT	*****	*****	***	*****	*****	1.00	(2G)		QTRLY	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT			***			DAILY MX	TOXCTY			
	SAMPLE										
	MEASUREMENT										
	PERMIT										
	MEASUREMENT										
	SAMPLE										
	MEASUREMENT										
	PERMIT										
	MEASUREMENT										
	SAMPLE										
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	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								502	540-6000	11	10
EXECUTIVE DIRECTOR								AREA	NUMBER	14	DAY
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							CODE			

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

NAME OF TREATMENT PLANT JEFFERSONTOWN WTP COUNTY JEFFERSON MONTH OF: September 2011
 KPDES PERMIT NUMBER KY0025194 PLANT CAPACITY 4.0 MGD RECEIVING STREAM CHENOWETH RUN

NAME OF TREATMENT PLANT				VEGETATION				PLANT CAPACITY				4.0 MGD				RECEIVING STREAM				CHENOWETH RUN													
KPDES PERMIT NUMBER				KY0025194																													
DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLEABLE 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	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		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 (COLONIES/100ML)		
																					30 MIN.	60 MIN.											
1	2.15				6.8	20.0				8.0		425		4	271		2	129	6.07	34	6.1	2.44	1.75	150	140						0.51	1.10	4
2	2.10				6.8	35.0				8.0		244		4	271		2	131	4.25	27	5.8	2.44	1.73	150	140						0.70	1.80	4
3	2.04				6.7	20.0				8.0		272		5	192		2	130	3.47	24	5.7	2.18	1.52	150	140						0.76	1.20	4
4	2.15				7.1	10.0				9.0		139		7	147		2	129	4.58	31	5.7	2.51	1.8	170	150						0.77	1.30	4
5	2.73				6.9	11.0				8.0		132		4	92		2	126	4.35	25	5.5	2.36	1.82	160	150						0.73	2.10	4
6	3.05	3	3		7.5	24.0				8.0		230		4	171		2	121	5.96	26	7.2	2.41	1.73	140	130						0.65	1.20	4
7	2.82				6.8	20.0				8.0		103		3	118		2	133	5.15	24	7	2.38	1.76	150	140						0.56	0.95	7
8	3.04				6.2	16.0				8.0		290		4	229		2	132	6.21	27	6.9	2.5	1.87	190	170						0.65	1.30	4
9	2.89				7.1	15.0				8.0		108		6	180		3	138	5.53	30	6.5	2.58	1.96	180	160						0.66	0.90	4
10	2.56				6.7	13.0				9.0		141		6	123		2	142	4.91	30	6.7	2.72	2	190	130						0.68	0.84	4
11	2.55				6.7	11.0				8.0		475		4	158		2	141	4.86	30	6.4	2.52	1.88	180	150						0.66	1.50	4
12	2.70				7.4	15.0				8.0		318		5	145		2	141	5.76	33	6.3	2.6	1.92	180	170						0.66	0.95	4
13	2.44	3	3		7.5	10.0				8.0		372		5	399		2	136	4.48	24	6	2.57	1.85	190	170						0.65	0.06	4
14	2.39				6.3	20.0				8.0		232		4	150		2	138	4.28	25	6.3	2.66	1.95	220	170						0.66	0.60	17
15	3.03				7.4	20.0				8.0		268		5	180		2	133	5.05	25	6.5	2.58	1.85	220	180						0.65	0.06	4
16	2.55				6.7	25.0				8.0		286		11	254		2	131	4.85	28	6.7	2.69	1.93	340	190						0.77	0.56	7
17	2.36				7.0	25.0				7.0		302		9	151		2	127	4.75	23	6	2.44	1.75	300	200						0.76	0.84	4
18	2.38				7.0	30.0				8.0		178		6	120		2	126	3.57	28	6.3	2.65	1.9	250	180						0.67	0.62	4
19	3.80				6.5	10.0				8.0		158		6	116		2	133	4.47	28	6	2.65	1.92	250	180						0.69	0.56	4
20	3.18	3	3		6.5	10.0				8.0		240		4	190		2	133	6.74	21	6.1	2.4	1.73	200	180						0.54	0.56	4
21	2.88				7.5	10.0				8.0		252		4	140		2	139	4.73	28	6	2.75	1.98	240	190						0.52	0.73	4
22	2.64				7.3	15.0				8.0		228		6	262		2	138	5.34	28	6.3	2.66	1.94	220	190						0.53	0.84	4
23	4.65				7.5	20.0				8.0		190		3	132		2	136	5.14	34	6.1	2.57	1.89	210	190						0.54	0.34	4
24	3.35				6.7	8.0				8.0		190		3	132		2	136	5.14	34	6.1	2.57	1.89	210	190						0.31	0.28	4
25	2.92				7.4	11.0				8.0		298		3	140		2	134	6.58	31	5.8	2.56	1.86	240	180						0.57	0.50	4
26	2.92				7.5	20.0				8.0		410		3	114		2	133	5.01	35	5.6	2.71	2	230	180						0.50	0.45	4
27	7.75	3	3		7.0	25.0				8.0		156		7	67		2	134	9.76	31	7.8	1.7	1.2	110	100						0.35	0.06	20
28	4.06				6.7	4.0				8.0		230		3	123		2	136	6.97	34	7.6	2.65	1.99	200	170						0.40	0.56	4
29	3.33				7.3	30.0				9.0		504		3	218		2	135	6.7	35	7.3	2.7	1.96	200	170						0.49	0.90	10
30	2.96				7.2	30.0				7.0		1010		4	169		2	136	6.32	29	7.1	2.62	1.91	180	160						0.52	0.62	4
31	2.73				7.3	35.0				8.0		326		2	272		2	131	5.76	34	7.1	2.77	2.01	180	160								
Tot.	90.20	12	12														4002														0.60	0.81	5
Avg.	3.01	3	3		7.0	18.8				8.0		284		5	176		2	133.4	5.387	28.73	6.413	2.532	1.845	199	163.7								

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 28633 FLOW
 26028 CBOD
 33898 TSS

Mike Stephenson
 OPERATOR

9516
 CERT. NO.

(502)267-9257
 PLANT TELEPHONE

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



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

September 27, 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 05:47 AM on September 26, 2011 and stopped at 11:31 AM on September 26, 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.

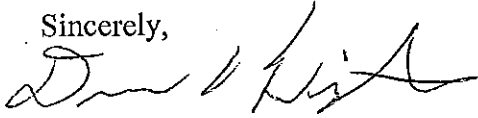
<u>Date</u>	<u>Start Time</u>	<u>Stop Time</u>	<u>Total Plant Flow (Vol)</u>	<u>Peak Plant Rate</u>	<u>Total Blended Flow (Vol)</u>
September 26 2011	05:47 AM	11:31 AM	7.750 MG	14.185 MGD	0.350 MG



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

A handwritten signature in black ink, appearing to read 'Duane V. Wright', written over a horizontal line.

Duane V. Wright
Process Supervisor-Operations

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

eB File



IMSAST0004

Overflow Report

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

Report Selections: Excluding PPI, CSO, Excluding LAT, Prob Code: BLEND, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0025194	Facility ID MSD0255	Water Quality Treatment Center JEFFERSONTOWN	Receiving Stream of Treatment Center CHENOWETH RUN	Region CENT
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Facility Type SPL Sewer Treatment Plant	Facility ID MSD0255	Facility Address 10725 OLD TAYLORSVILLE RD	If Pump Station, Name of Pump Station:	Receiving Stream CHENOWETH RUN	Discharge to STREAM
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<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>
DISREV: RAIN EVENT DISCHARGE	1345232	09/26/11 05:47 AM	MARKS JR	WRIGHT	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 11:31 AM	

Spot Inspections:

Peak Plant Flow when Blending:	14,185,000 GPD
Total Plant Flow when Blending:	7,750,000 GAL
Discharge Amount:	349,988 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:

09/26/11 06:56 AM	DISPUB	public notified by permanent signs
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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

Total Facilities Printed: 1

Total Work Orders Printed: 1