



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

July 26, 2010

Carolena Bentley, DMR Coordinator
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

RE: Jeffersontown WQTC, KPDES No: KY0025194
Discharge Monitoring Report
June 2010

Dear Ms. Bentley:

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 2010.

Also attached is the second quarter Biomonitoring report & DMR.

Also attached is a bypass letter and overflow report.

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 06.10.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

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						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	04	01		10	06	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					
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 1	MEASUREMENT	*****	*****	***	*****	229	229	(19) MG/L	0	1/90	CP		
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPO		
CADMIUM, DISSOLVED (AS CD) 01025 1 0 1	MEASUREMENT	*****	*****	***	*****	0.0002	0.0002	(19) MG/L	0	1/90	CP		
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPO		
COPPER, DISSOLVED (AS CU) 01040 1 0 1	MEASUREMENT	*****	*****	***	*****	<0.002	<0.002	(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	MEASUREMENT	*****	*****	***	*****	<0.004	<0.004	(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	MEASUREMENT	*****	*****	***	*****	0.0124	0.0124	(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	MEASUREMENT	*****	*****	***	*****	0.016	0.016	(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	MEASUREMENT	*****	*****	***	*****	0.0002	0.0002	(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	<i>Dennis Thomasson</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT								502	540-6000	10	07	27
TYPED OR PRINTED									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)

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LOUISVILLE KY 40211
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 F - FINAL JEFFE
 BIOMONITORING/ONCE PER QUARTER
 EFFLUENT
 [] No Discharge

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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	*****	*****	***	*****	<0.004	<0.004	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPO
COPPER TOTAL RECOVERABLE 01119 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.007	0.007	(19) MG/L	0	1/90	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPO
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	COMPO
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>H J SCHARDEIN</u> 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 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		10 07 27			
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Dennis Thomasson</i>		AREA CODE			

NAME OF TREATMENT PLANT JEFFERSONTOWN WTP
 KPDES PERMIT NUMBER KY0025194

COUNTY JEFFERSON
 PLANT CAPACITY 4.0 MGD

MONTH OF: June 2010
 RECEIVING STREAM CHENOWETH RUN

DATE	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								
	TOTAL FLOW (MILLION GALLONS)	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		WASTED	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	HYDRATED GALLONS x 1000	TOTAL PHOS. (mg/L)	NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)		
																		GAL/DAY x 1000	MLSS x 1000																SETTLED SLUDGE VOLUME	RAW
1	2.70			6.9	6.5	12.0				8.6		230		8	204		2	1.44	4.7	34	6	2.13	1.51	140	130							0.86	1.90	4		
2	2.69	3	3	6.6	6.9	14.0				8.4		99		4	96		2	1.44	7.31	34	5.6	2.29	1.73	120	120							0.52	1.80	4		
3	2.57			6.2	6.6	5.0				8.4		102		7	105		3	1.48	5.15	21	5.1	2.38	1.73	110	100							0.80	1.60	4		
4	2.68			6.3	6.8	4.0				8.4		198		6	210		4	1.46	5.13	31	5.2	2.31	1.92	110	100							0.50	1.10	3		
5	2.60			6.8	7.7	10.0				8.4		68		4	77		2	1.49	5.81	38	5.5	2.54	1.98	100	100							0.52	0.95	4		
6	2.47			6.4	6.4	4.0				8.6		69		6	92		5	1.49	4.32	38	5.7	2.17	1.68	100	100							0.66	0.90	4		
7	2.42			6.6	6.9	1.0				8.5		100		20	147		5	1.55	4.66	31	6.2	2	1.46	100	90							0.66	0.90	4		
8	2.37			6.3	6.7	7.0				8.5		238		10	145		4	1.57	4.28	36	6.1	2.06	1.56	100	100							0.59	0.84	4		
9	6.90	3	3	6.2	6.7	10.0				8.5		96		14	62		11	1.61	6.61	36	3.2	2.01	1.56	100	90							0.75	1.30	109		
10	4.52			6.1	6.5	8.0				8.7		47		6	52		2	1.64	7.26	34	6.3	1.84	1.33	100	90							0.81	0.95	12		
11	3.56			6.2	6.4	7.0				8.6		42		9	89		2	1.61	5.21	31	6.4	1.94	1.41	110	110							0.40	0.66	3		
12	3.71			6.4	6.5	0.5				8.4		39		8	47		2	1.63	5.33	31	6.1	2	1.5	100	100							0.51	1.00	4		
13	3.11			6.8	7.0	1.0				8.6		36		4	41		2	1.64	5.14	33	6.3	2	1.45	110	100							0.47	1.00	4		
14	3.77			6.4	6.9	4.0				8.5		59		10	61		2	1.65	5.58	33	6.5	2.04	1.52	110	110							0.49	0.84	10		
15	3.19			6.3	7.0	1.0				8.4		98		8	87		2	1.64	5.16	32	6.3	1.78	1.4	120	110							0.50	1.10	4		
16	3.20	3	3	6.3	6.9	5.0				8.4		53		4	131		2	1.63	5.88	32	6.3	1.99	1.49	120	110							0.35	0.67	4		
17	2.79			6.3	6.5	1.0				8.4		90		3	102		2	1.63	4.13	36	6.7	1.97	1.49	120	120							0.37	0.66	4		
18	2.64			6.3	7.3	4.0				8.3		79		8	65		2	1.65	5.29	36	5.9	1.97	1.43	130	120							0.27	0.50	4		
19	4.05			7.1	6.4	4.0				8.5		33		11	41		2	1.66	4.81	36	5.7	2.08	1.51	140	130							0.48	0.56	4		
20	3.17			6.6	6.5	6.0				8.6		28		2	50		2	1.67	5.15	33	6.5	1.99	1.42	130	130							0.32	0.67	4		
21	2.95			6.3	7.3	1.0				8.3		44		11	128		2	1.66	4.34	39	6.1	1.84	1.39	130	120							0.29	1.20	4		
22	2.78			6.4	7.4	1.0				8.2		82		11	75		2	1.67	4.09	32	6.2	1.74	1.27	140	130							0.65	0.67	4		
23	2.68	3	3	6.5	7.4	3.0				8.3		101		2	128		2	1.69	4.49	35	6.1	1.81	1.41	140	140							0.40	1.00	248		
24	2.62			6.4	7.1	2.0				8.4		138		2	182		2	1.69	4.32	30	6.3	1.92	1.42	140	130							0.36	1.30	7		
25	2.49			6.3	6.7	8.0				8.3		288		7	280		2	1.68	3.51	30	6	1.93	1.43	140	130							0.40	1.10	4		
26	2.40			6.5	7.6	15.0				8.2		135		11	108		2	1.68	2.77	37	5.4	1.9	1.33	140	130							0.49	1.20	7		
27	2.37			6.4	6.9	3.0				8.2		210		5	133		5	1.71	3.74	34	6.2	1.8	1.35	140	130							0.64	1.00	4		
28	3.21			6.5	6.8	18.0				8.1		50		9	131		3	1.67	3.91	31	6.2	1.91	1.45	120	120							0.54	0.62	4		
29	2.66			6.3	6.6	3.0				8.3		95		10	100		2	1.66	3.6	29	6	1.85	1.4	130	130							0.65	0.90	7		
30	2.47	3	3	6.6	6.6	3.0				8.4		179		8	136		2	1.68	3.03	32	6.3	1.77	1.25	130	120							0.63	0.90	4		
31																																				
Tot	91.71	15	15															48.37																		
Avg.	3.06	3	3	6.4	6.9	5.5				8.4		104		8	110		3	1.612	4.83	33.17	5.947	1.995	1.493	121	114.7							0.53	0.95	6		

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

29114

16522

12651

Mike Stephenson

9616

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

(502) 267-9257

PLANT TELEPHONE

OPERATOR

CERT. NO.

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


0012
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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
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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	MEASUREMENT	*****	*****	***	8	*****	*****	(19) MG/L	0	1/1	GR
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB
PH	MEASUREMENT	*****	*****	***	6.4	*****	7.7	(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	MEASUREMENT	2470	3016	(26) LBS/DY	*****	104	142	(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	MEASUREMENT	201	309	(26) LBS/DY	*****	8	9	(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	MEASUREMENT	405	420	(26) LBS/DY	*****	17	19	(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	MEASUREMENT	24	29	(26) LBS/DY	*****	1	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	MEASUREMENT	14	19	(26) LBS/DY	*****	.5	.6	(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. 1316. (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							502	540-6000	10	07	27
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.

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	3.06	3.99	(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	*****	*****	***	*****	6	9	(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	2629	3079	(26) LBS/DY	*****	110	148	(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	79	146	(26) LBS/DY	*****	3	4	(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	*****	*****	***	97	*****	*****	(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	*****	*****	***	90	*****	*****	(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 1310. (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							502 540-6000		10 07 27		
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.



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

June 11, 2010

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 12:35 PM on June 09, 2010 and stopped at 09:29 PM on June 09, 2010.

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 hypassed (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 09 2010	12:35 PM	09:29 PM	5.98 MG	16.99 MGD	0.78 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





Metropolitan Sewer District

IMSAST0004

Overflow Report

Initiated Jun 01, 2010 12:00 AM thru Jun 30, 2010 11:59 PM

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

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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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1093777	06/09/10 12:35 PM	ELDER	WRIGHT	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE - WATERS	06/09/10 09:29 PM	

Spot Inspections:

Peak Plant Flow when Blending:	16,991,000 GPD
Total Plant Flow when Blending:	5,988,000 GAL
Discharge Amount:	785,248 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	CLEAN UP NOT POSSIBLE DUE TO HIGH CREEK LEVEL
Control Zone:	PIPE DISCHARGE DIRECTLY INTO STREAM PERMANENT SIGNS POSTED
Impact:	NONE OBSERVED DUE TO HIGH LEVEL OF CREEK
Repair:	NEGOTIATIONS UNDER WAY TO ALLOW TEMPORARY BENDING AT THIS LOCATION

Notifications:

06/09/10 12:52 PM	DISPUB	permanent signs are posted at this location
06/09/10 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.soan@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
06/09/10 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

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV, DISSUS

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 SSL Sewer Service Line	Facility ID 059800340000A	Facility Address 9911 MERIONETH DR	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1098943	06/26/10 09:31 AM	KIMBROUGH	KIMBROUGH			OBSTRUCTION-NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE - WATERS	06/26/10 10:22 AM	MAIN

Spot Inspections:

Discharge Amount	5 GAL
Cause:	OBSTRUCTION IN MAIN SEWER
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA
Impact	SEWAGE/WATER DISCHARGING FROM CLEANOUT
Repair:	WORK ORDER 1099377 - FLUSHED MAIN SEWER

Notifications:

06/26/10 09:31 AM	DISPUB	ADVISED CUSTOMER ON SITE AND PLACED SIGNS AROUND THE IMPACTED AREA
06/26/10 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
06/26/10 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