



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

February 16, 2012

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

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

Also attached are bypass/blending letters and overflow reports.

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 1.12.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 2
 DISCHARGE NUMBER

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

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

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 12 01 01 12 01 31

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			
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	9	*****	*****	(19) MG/L	0	1/1	GR
PH	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/ WEEK	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	6.6	*****	7.7	(12) SU	0	1/1	GR
	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	5809	8040	(26) LBS/DY	*****	176	251	(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
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	216	464	(26) LBS/DY	*****	5	8	(19) MG/L	0	1/1	CP
	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 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	514	558	(26) LBS/DY	*****	16	21	(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
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	23	32	(26) LBS/DY	*****	0.6	0.7	(19) MG/L	0	1/1	CP
	PERMIT MEASUREMENT	334 MO AVG	500 MX WK AV	(26) LBS/DY	*****	10 MO AVG	15 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 2 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	17	24	(26) LBS/DY	*****	0.4	0.7	(19) MG/L	0	1/1	CP
	PERMIT MEASUREMENT	67 MO AVG	100 MX WK AV	(26) LBS/DY	*****	2.0 MO AVG	3.0 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
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			
GREG HEITZMAN INTERIM EXECUTIVE DIRECTOR						502 540-6000		12 02 10			
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER				

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

LOCATION LOUISVILLE KY 40299

ATTN: DENNIS THOMASSON SR. METRO OPS

KY0025194
 PERMIT NUMBER

001 2
 DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR 12 MO 01 DAY 01 TO YEAR 12 MO 01 DAY 31

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 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.35	6.11	(03) MGD	*****	*****	*****	***	0	CN	CN
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(03) MGD	*****	*****	*****	***		CONTIN UOUS	CONTIN
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	4	7	(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	4860	6205	(26) LBS/DY	*****	148	201	(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	116	267	(26) LBS/DY	*****	3	4	(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	1/31	CA
	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	97	*****	*****	(23) CENT	0	1/31	CA
	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			
GREG HEITZMAN INTERIM EXECUTIVE DIRECTOR						502 540-6000		12 02 10			
TYPED OR PRINTED						NUMBER		DAY			
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE				

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

NAME OF TREATMENT PLANT JEFFERSON TOWN WTP COUNTY JEFFERSON MONTH OF: January 2012
 KPDES PERMIT NUMBER KY0025194 PLANT CAPACITY 4.0 MGD RECEIVING STREAM CHENOWETH RUN

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	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	GAL/DAY X 1000	MLSS X 1000	MLVSS X 1000	WASTE X 1000	DO (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		TOTAL PHOS. (mg/L)	NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)		
																									30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS				% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000
1	3.62			7.0	6.8	17.0					9.2		234		4	118		2	1.35	7.1	21	7.5	2.62	1.94	200	170							0.30	0.34	4
2	3.50			6.6	6.9	21.0					9.4		316		3	172		2	1.32	7.28	31	7.4	2.72	2.11	200	190							0.33	0.34	4
3	3.24			6.6	7.4	30.0					10.0		185		4	179		2	1.31	5.9	25	8.2	2.55	2.13	200	190							0.30	0.45	4
4	3.18	3	3	7.0	7.6	10.0					10.0		204		5	181		2	1.32	6.08	27	8.9	2.87	2.21	200	170							0.35	0.45	4
5	3.10			6.7	7.1	15.0					9.9		108		5	114		2	1.33	6.04	29	8.5	2.8	2.17	200	180							0.38	0.45	4
6	2.94			6.8	7.3	15.0					9.8		203		5	163		2	1.33	5.36	29	7.9	2.95	2.32	200	180							0.38	0.45	4
7	2.84			7.7	7.4	10.0					9.5		62		5	94		2	1.32	6.15	29	7.3	3.71	2.86	190	180							0.35	0.56	4
8	2.79			6.5	6.6	45.0					10.0		258		4	156		2	1.32	5.79	29	6.9	3.2	2.48	190	180							0.36	0.56	4
9	2.73			7.2	7.4	24.0					9.6		330		3	284		2	1.33	6.15	27	8.5	2.95	2.34	200	200							0.39	0.90	4
10	2.71			7.0	7.6	23.0					10.0		184		5	328		2	1.33	5.38	24	8.2	2.94	2.27	210	200							0.41	0.67	4
11	5.27	3	3	6.8	7.6	30.0					9.7		316		4	153		3	1.33	6.88	25	7.2	3.1	2.3	220	200							0.45	1.20	4
12	5.55			7.1	6.8	25.0					9.8		146		4	190		2	1.34	9.08	28	8.3	2.86	2.25	200	190							0.38	0.62	4
13	4.46			6.9	7.7	12.0					8.5		210		3	141		2	1.35	8.43	32	8.5	3.03	2.3	220	200							0.35	0.45	4
14	3.93			6.9	7.2	18.0					9.6		310		3	158		2	1.35	8.78	39	8.2	3.13	2.35	250	220							0.36	0.45	4
15	3.63			6.8	7.6	26.0					9.8		394		4	188		2	1.35	7.88	44	7.9	3.15	2.38	230	210							0.38	0.45	4
16	3.73			6.8	7.4	32.0					9.6		249		4	207		2	1.4	6.97	39	7.6	2.97	2.2	250	220							0.50	0.95	4
17	4.93			7.3	7.3	15.0					10.0		197		7	140		4	1.45	8.52	31	7.5	2.97	2.23	240	240							1.41	1.70	4
18	4.63	3	3	6.8	7.4	20.0					10.0		80		6	113		3	1.47	7.94	29	8.2	2.89	2.3	220	200							0.78	0.62	4
19	4.12			7.2	7.2	23.0					10.0		204		5	156		2	1.46	8.29	30	8.6	3	2.37	220	200							0.59	0.28	4
20	3.75			6.9	7.1	18.0					10.0		226		6	257		3	1.46	7.75	40	8.1	3.15	2.49	240	210							0.61	0.28	4
21	3.54			7.0	7.2	20.0					10.0		154		5	201		2	1.45	7.86	40	8.4	3.06	2.42	230	200							0.44	0.34	4
22	3.40			7.1	7.1	22.0					10.0		166		2	159		2	1.47	7.77	40	8.2	3.11	2.48	240	210							0.38	0.39	4
23	5.72			7.5	7.2	23.0					9.9		50		7	63		2	1.46	11.57	42	8.7	2.6	2.04	180	170							0.46	0.39	4
24	4.43			7.2	7.1	8.0					10.0		119		4	166		2	1.45	7.76	36	8.3	2.89	2.3	210	200							0.32	0.45	4
25	4.33	3	3	6.8	7.1	10.0					10.0		67		4	110		2	1.46	7.61	36	8.7	2.87	2.22	220	200							0.27	0.56	4
26	7.74			6.9	7.0	12.0					10.0		96		22	64		9	1.46	7.33	36	8.9	2.71	2.11	200	190							0.54	0.56	134
27	10.54			7.0	6.7	3.0					10.0		46		8	54		10	1.47	10.2	34	8.6	2.57	2.03	150	150							0.69	1.10	4
28	6.57			7.1	7.1	15.0					9.9		48		8	46		2	1.83	7.92	29	8.1	2.83	2.26	210	200							0.35	0.39	4
29	5.28			7.2	6.7	8.0					10.0		82		5	61		2	1.58	8.2	29	8.4	2.77	2.17	180	170							0.29	0.45	4
30	4.57			6.9	7.2	8.0					10.0		107		4	84		2	1.37	6.615	24	7.4	2.61	2.14	200	190							0.25	0.67	4
31	4.17			6.8	7.2	19.0					10.0		112		4	96		2	1.38	6.83	32	6.4	2.73	2.08	220	200							0.25	1.00	4
Tot.	134.94	12	12																43.6																
Avg.	4.35	3	3	7.0	7.2	18.6					9.8		176		5	148		3	1.406	7.465	31.81	8.048	2.913	2.266	210.3	193.9							0.44	0.60	4

RESIDENTIAL _____ INDUSTRIAL WASTE POPULATION EQUIVALENT
 COMMERCIAL 41455 FLOW 31660 CBOD 30464 TSS
 INDUSTRIAL _____
 TOTAL NUMBER OF SEWER CONNECTIONS 0
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION
 Mike Stephenson 9616
 OPERATOR CERT. NO.
 (502)267-9257
 PLANT TELEPHONE



Initiated Jan 01, 2012 12:00 AM thru Jan 31, 2012 11:59 PM

Report Selections: Excluding PPI Excluding CSO Excluding LAT, 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	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28173	3258 RUCKRIEGEL PKY		CHENOWETH RUN	GROUND

<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	1415909	01/26/12 09:55 PM	SIVADO	GRIFFITH	DOCUMENTED	03/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	01/30/12 04:00 PM	

Spot Inspections:

Discharge Amount:	48,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1416167
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

01/27/12 06:19 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
01/27/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Initiated Jan 01, 2012 12:00 AM thru Jan 31, 2012 11:59 PM

Report Selections: Excluding PPI Excluding CSO Excluding LAT, 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	28336	9707 WILLOWWOOD WAY		CHENOWETH RUN	DITCH

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1415914	01/26/12 11:15 PM	SIVADO	GRIFFITH	DOCUMENTED	08/30/05	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	01/30/12 04:00 PM	

Spot Inspections:

Discharge Amount:	12,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1416190
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

01/27/12 06:31 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
01/27/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Initiated Jan 01, 2012 12:00 AM thru Jan 31, 2012 11:59 PM

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

KPDES # KY0025194 (Cont'd)	Facility ID MSD0255	Water Quality Treatment Center JEFFERSONTOWN	Receiving Stream of Treatment Center CHENOWETH RUN	Region CENT
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28340	3620 CHARLANE PKY		CHENOWETH RUN	GROUND

<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	1415913	01/26/12 11:15 PM	SIVADO	GRIFFITH	DOCUMENTED	01/03/05	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	01/30/12 04:00 PM	

Spot Inspections:

Discharge Amount:	31,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1416183
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT IMPACT OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

01/27/12 06:28 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
01/27/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Initiated Jan 01, 2012 12:00 AM thru Jan 31, 2012 11:59 PM

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

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

<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	1415912	01/26/12 10:41 PM	SIVADO	GRIFFITH	DOCUMENTED	12/19/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	01/30/12 04:00 PM	

Spot Inspections:

Discharge Amount:	6,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1416180
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

01/27/12 06:26 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
01/27/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



IMSAST0004

Overflow Report

Initiated Jan 01, 2012 12:00 AM thru Jan 31, 2012 11:59 PM

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

KPDES # KY0025194 (Cont'd)	Facility ID MSD0255	Water Quality Treatment Center JEFFERSONTOWN	Receiving Stream of Treatment Center CHENOWETH RUN	Region CENT
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28551	11401 GRAND AVE		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>
DISREV: RAIN EVENT DISCHARGE	1415911	01/26/12 10:20 PM	SIVADO	GRIFFITH	DOCUMENTED	11/22/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	01/30/12 04:00 PM	

Spot Inspections:

Discharge Amount:	24,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1416177
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

01/27/12 06:24 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
01/27/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



IMSAST0004

Overflow Report

Initiated Jan 01, 2012 12:00 AM thru Jan 31, 2012 11:59 PM

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

KPDES # KY0025194 (Cont'd)	Facility ID MSD0255	Water Quality Treatment Center JEFFERSONTOWN		Receiving Stream of Treatment Center CHENOWETH RUN		Region CENT				
Facility Type	Facility ID	Facility Address		If Pump Station, Name of Pump Station:		Receiving Stream	Discharge to			
SMH Sewer Manhole	64505	3200 RUCKRIEGEL PKY				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>
DISREV: RAIN EVENT DISCHARGE	1415910	01/26/12 10:08 PM	SIVADO	GRIFFITH	DOCUMENTED	02/24/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	01/30/12 04:00 PM	

Spot Inspections:

Discharge Amount:	7,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1416172
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

01/27/12 06:22 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
01/27/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Initiated Jan 01, 2012 12:00 AM thru Jan 31, 2012 11:59 PM

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

KPDES # KY0025194 (Cont'd)	Facility ID MSD0255	Water Quality Treatment Center JEFFERSONTOWN		Receiving Stream of Treatment Center CHENOWETH RUN			Region CENT			
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			
<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 1415841	<u>Initiated</u> 01/26/12 07:36 PM	<u>Initiated By</u> GREEN	<u>Assigned To</u> OPS CSHIFT	<u>Disch Status</u> DOCUMENTED	<u>Event Date</u> 01/14/07	<u>Problem</u> BLENDING AT JTOWN WQTC	<u>Result</u> UNAUTHORIZED DISCHARGE-WATER S	<u>Completed</u> 01/27/12 09:00 PM	<u>Condition</u>

Spot Inspections:

Peak Plant Flow when Blending:	17,465,000 GPD
Total Plant Flow when Blending:	18,283,000 GAL
Discharge Amount:	4,044,173 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEANUP
Control Zone:	PIPE DISCHARGE SUBMERGED- PERMANENT SIGNS POSTED
Impact:	NO IMPACT OBSERVED- PIPE DISCHARGE SUBMERGED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION.

Notifications:

	DISPUB	MSD WARNED PUBLIC WITH TEMP SIGNS
01/26/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
01/26/12 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



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

January 30, 2012

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 07:36 PM on January 26, 2012 and stopped at 09:00 PM on January 27, 2012.

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.

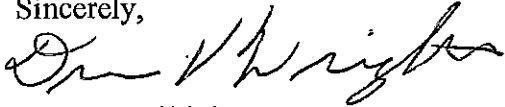
<u>Date</u>	<u>Start Time</u>	<u>Stop Time</u>	<u>Total Plant Flow (Vol)</u>	<u>Peak Plant Rate</u>	<u>Total Blended Flow (Vol)</u>
January 26 2012	07:36 PM	11:59 PM	7.739 MG	17.465 MGD	1.238 MG
January 27 2012	12:00 AM	09:00 PM	10.544 MG	15.623 MGD	2.806 MG



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

Duane V. Wright
Process Supervisor-Operations

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

eB File

Date	Start date and time	Stop date and time	Total Flow MG	Peak Flow MGD	Blended Flow Gallons	Blend time	Total Flow During event MG	Avg Flow During event MGD
1/26/2012	1/26/12 7:36 PM	1/26/12 11:59 PM	7.739	17.465	1,238,183	4 Hr 24 Min	2.800	15.339
1/27/2012	1/27/12 12:00 AM	1/27/12 9:00 PM	10.544	15.623	2,805,990	21 Hr 0 Min	9.552	10.915