



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

November 17, 2009

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
October 2009

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 October 2009.

Also included are copies of the discharge report and plant bypass(blending) letters for the month of October.

There were no exceedences to report.

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/Jeffersontown1009.doc

Enclosures

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



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



October 5, 2009

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 WTP – 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 Wastewater Treatment Plant (WTP). The bypass started at 08:36 AM on October 02, 2009 and stopped at 10:40 AM on October 02, 2009.

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 WTP.

<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>
October 02 2009	08:36 AM	10:40 AM	5.16 MG	11.11 MGD	0.03 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





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

October 12, 2009

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 04:31 AM on October 09, 2009 and stopped at 1:58 AM on October 10, 2009.

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>
October 09 2009	04:31 AM	11:59 PM	9.34 MG	16.86 MGD	1.62 MG
October 10 2009	12:00 AM	01:58 AM	6.62 MG	10.66 MGD	0.03 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





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

October 29, 2009

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 11:43 PM on October 27, 2009 and stopped at 02:02 AM on October 28, 2009.

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>
October 27 2009	11:43 PM	11:59 PM	3.16 MG	10.68 MGD	0.006677 MG
October 28 2009	12:00 AM	02:02 AM	5.89 MG	11.22 MGD	0.040771 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





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

November 2, 2009

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 03:27 AM on October 31, 2009 and stopped at 04:00 PM on October 31, 2009.

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>
October 31 2009	03:37 AM	04:00 PM	8.35 MG	14.32 MGD	0.966634 MG

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-234-7574, 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, 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

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

<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	964033	10/02/09 08:36 AM	SINGLETON	STEPHENSON	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE - WATERS	10/02/09 10:40 AM	

Spot Inspections:

Peak Plant Flow when Blending:	11,110,000 GPD
Total Plant Flow when Blending:	5,160,000 GAL
Discharge Amount:	34,813 GAL
Cause:	FLOW EXCEEDED PLANT CAPACITY
Clean Up:	NO CLEANUP PERFORMED- PIPE DISCHARGING UNDERWATER
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED- FACILITY UNDER ELEVATED CREEK LEVEL
Repair:	A SOLUTION FOR THIS LOCATION IS IN THE IOAP

Notifications:

10/02/09 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
10/02/09 08:36 AM	DISPUB	Temporary signs posted
10/02/09 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, Prob Code: BLEND, Result: WUS, Act Code: DISDW, DISREV, DISSUS

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

<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	969277	10/09/09 04:31 AM	ELDER	MILLS	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE - WATERS	10/10/09 01:58 AM	

Spot Inspections:

Peal Plant Flow when Blending:	16,855,000 GPD
Total Plant Flow when Blending:	9,090,339 GAL
Discharge Amount	1,650,306 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA
Clean Up:	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGN IN PLACE - NO ADDITIONAL CONTROL ZONE SET UP
Impact:	NO IMPACT OBSERVED - FACILITY UNDER ELEVATED CREEK LEVEL
Repair:	NOGOTATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

Notifications:

10/09/09 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
10/09/09 12:00 AM	DISPUB	Permanent sign in place
10/09/09 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, Prob Code: BLEND, Result: WUS, Act Code: DISDW, DISREV, DISSUS

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

<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	974557	10/27/09 11:43 PM	ELDER	WRIGHT	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE - WATERS	10/28/09 02:02 AM	

Spot Inspections:

Peal Plant Flow when Blending:	11,222,128 GPD
- Total Plant Flow when Blending:	9,049,000 GAL
Discharge Amount:	47,447 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA
Clean Up:	NO CLEAN UP PERFORMED - WATER RECEIVED PRIMARY & UV TREATMENT
Control Zone:	NO CONTROL ZONE WAS SET UP - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Impact:	NO IMPACT OBSERVED - FLOW RECEIVED PRIMARY & UV TREATMENT
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

Notifications:

10/28/09 12:58 AM	DISPUB	Permanent signs posted in area & http://www.msdlouky.org/projectwin/
10/27/09 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
10/27/09 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



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

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

<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	975855	10/31/09 03:27 AM	ELDER	CLARK	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE - WATERS	10/31/09 04:00 PM	

Spot Inspections:

Peal Plant Flow when Blending:	14,320,000 GPD
Total Plant Flow when Blending:	8,350,000 GAL
Discharge Amount:	966,634 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA
Clean Up:	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGNS, - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Impact:	NO IMPACT OBSERVED - FACILITY UNDER ELEVATED CREEK LEVEL
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

Notifications:

10/31/09 08:11 AM	DISPUB	Permanent signs posted in area & http://www.msdlouky.org/projectwin/
10/31/09 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
10/31/09 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: 4

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 MSD
 LOCATION JEFFERSONTOWN KY 40299
 ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

KY0025194 PERMIT NUMBER
 001 2 DISCHARGE NUMBER

MAJOR (SUBR LV)
 F - FINAL JEFFE

Form Approved, OMB No. 2040-0004

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	10	01		07	10	31

FLOW BOD TSS DO PH
 EFFLUENT
 *** NO DISCHARGE 1 - 1 ***

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) 00300 1 0 0	SAMPLE MEASUREMENT	*****	*****		8	*****	*****	(19)	0	%/1	GR
EFFLUENT GROSS VALUE PH	PERMIT REQUIREMENT	*****	*****	****	7 INST MIN	*****	*****	MG/L		THREE/WEEK	GRAB
OXYGEN, DISSOLVED (DO) 00400 1 0 0	SAMPLE MEASUREMENT	*****	*****		7.0	*****	7.8	(12)	0	%/1	GR
EFFLUENT GROSS VALUE PH	PERMIT REQUIREMENT	*****	*****	****	6 MINIMUM	*****	9 MAXIMUM	SU		THREE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 0 0 0	SAMPLE MEASUREMENT	4607	5336	(26)	*****	135	159	(19)	0	%/1	CP
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		THREE/WEEK	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	SAMPLE MEASUREMENT	309	540	(26)	*****	8	12	(19)	0	%/1	CP
EFFLUENT GROSS VALUE PH	PERMIT REQUIREMENT	1000 MD AVG	1501 MX WK AV	LBS/DY	*****	30 MD AVG	45 MX WK AV	MG/L		THREE/WEEK	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 0 0 0	SAMPLE MEASUREMENT	459	501	(26)	*****	14	16	(19)	0	%/1	CP
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		THREE/WEEK	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0	SAMPLE MEASUREMENT	12	22	(26)	*****	0.3	0.7	(19)	0	%/1	CP
EFFLUENT GROSS VALUE PH	PERMIT REQUIREMENT	133 MD AVG	200 MX WK AV	LBS/DY	*****	4 MD AVG	6 MX WK AV	MG/L		THREE/WEEK	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 1 1	SAMPLE MEASUREMENT	11	15	(26)	*****	0.3	0.3	(19)	0	%/1	CP
EFFLUENT GROSS VALUE PH	PERMIT REQUIREMENT	33 MD AVG	50 MX WK AV	LBS/DY	*****	1.0 MD AVG	1.5 MX WK AV	MG/L		THREE/WEEK	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	502 540 6000	09	11	18
TYPED OR PRINTED		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 USE MD 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 MSD
 LOCATION JEFFERSONTOWN KY 40297
 ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

KY0025194	001 2
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	10	01		09	10	31

MAJOR (SUBR LV)
 F - FINAL
 FLOW BOD TSS DO PH
 EFFLUENT
 *** NO DISCHARGE 1 1 ***

JEFFE

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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	4.57	5.63	(03)	*****	*****	*****		0	CN	CN	
50050 I O O EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	MGD	*****	*****	*****	****		CONTIN UOUS	
COLIFORM, FECAL GENERAL	*****	*****		*****	4	5	(13)	0	0/01	GR	
74055 I O O EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	200	400 #1			THREE/ WEEK	
BOD, CARBONACEOUS 05 DAY, 20C	3408	3891	(26)	*****	101	131	(19)	0	0/01	CP	
80082 G O O RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		THREE/ WEEK	
BOD, CARBONACEOUS 05 DAY, 20C	113	224	(26)	*****	3	5	(19)	0	0/01	CP	
80082 I O O EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	667	1001		*****	20	30			THREE/ WEEK	
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	*****	*****		97	*****	*****	(23)		0/30	CA	
80091 K O O PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER- CENT		ONCE/ MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****		94	*****	*****	(23)		0/30	CA	
81011 K O O PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER- CENT		ONCE/ MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE	DATE			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

NAME OF TREATMENT PLANT JEFFERSONTOWN WTP COUNTY JEFFERSON MONTH OF: October 2009
 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	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	GA/DAY X 1000	MLSS X 1000	MLVSS X 1000	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	30 MIN.	50 MIN.	GALLONS X 1000	RAW		HAULED			TOTAL PHOS. (mg/L)	NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)
																														% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000			
1	2.88			7.1	7.6			10.0			8.0		165		6	203		2	1.54	6.51	36	7.4	3890	2820	200	200							0.57	0.06	4		
2	6.23			7.1	7.6			9.0			7.7		90		11	97		2	1.52	7.86	37	2.4	4040	2780	190	190							0.39	0.34	4		
3	4.29			7.0	7.4						7.9		101		5	85		2	1.53		31	6			200	190							0.23	0.34	4		
4	3.48			7.0	7.5			9.0			7.8		111		8	93		2	1.55	6.32	38	6.1	3330	2190	200	200							0.20	0.06	4		
5	3.17			7.0	7.6			10.0			8.2		184		9	171		2	1.52	7	45	7.5	3890	2590	200	200							0.32	0.06	4		
6	3.29			7.1	7.5			10.0			8.0		209		6	141		2	1.53	5.48	49	6.2	3770	2380	200	200							0.32	0.06	4		
7	3.06	3	3	7.2	7.4			12.0			8.1		59		7	125		2	1.52	7.47	48	6.4	5170	3310	170	170							0.31	0.50	4		
8	4.01			7.2	7.8			14.0			8.1		215		33	138		11	1.52	6.22	49	6.3	3840	2400	200	200							0.61	1.50	31		
9	9.34			7.3	7.2			13.0			7.8		73		14	40		8	1.53	13	35	6.1	2800	1650	170	170							0.40	0.90	4		
10	7.59			7.4	7.4						8.2		77		7	55		2	1.5		47	6.4			170	170							0.23	0.06	4		
11	5.03			7.3	7.2						8.2		86		6	51		2	1.53		46	6.1			180	170							0.09	0.06	3		
12	4.22			7.2	7.5			8.0			8.3		76		8	82		6	1.5	8.29	46	6.3	4100	2650	120	120							0.15	0.06	3		
13	3.72			7.2	7.7			3.0			8.2		102		5	115		2	1.46	6.7	46	6.1	3720	2350	200	200							0.18	0.56	3		
14	5.49	3	3	7.2	7.6			6.0			8.2		72		10	71		2	1.4	7.78	45	6.5	3710	2350	210	200							0.47	0.06	3		
15	5.83			7.1	7.4			5.0			8.3		32		6	63		2	1.41	9.26	29	6.4	3360	2170	200	190							0.35	0.06	3		
16	4.65			6.8	7.0			0.0			8.3		79		5	112		2	1.39	10	41	6.6	3880	3350	210	200							0.18	0.06	3		
17	3.97			6.8	7.4			4.0			8.2		155		5	74		2	1.41	7.28	42	6.5	4050	2700	210	200							0.15	0.06	3		
18	3.58			7.0	7.4			11.0			8.4		105		6	72		2	1.39	7.85	42	6.8	3770	2440	210	200							0.19	0.06	3		
19	3.36			7.1	7.6			10.0			8.6		152		10	89		2	1.37	7.12	42	6.7	4280	2690	200	200							0.20	0.06	3		
20	3.12			7.1	7.6			20.0			8.5		289		10	158		2	1.38	7	37	6.9	3430	2240	200	190							0.27	0.06	3		
21	2.99	3	3	6.9	7.4			18.0			8.4		290		6	174		2	1.48	6.74	38	6.6	3520	2540	200	190							0.16	0.67	3		
22	2.90			6.9	7.4			20.0			8.3		134		6	97		2	1.49	7.79	38	6.4	4440	2850	180	180							0.24	0.95	3		
23	5.12			6.9	7.5			8.0			8.0		81		6	63		2	1.48	7.44	29	5.8	2940	1890	200	190							0.24	1.30	3		
24	4.29			6.9	7.3			10.0			8.4		118		4	75		2	1.46	9.37	33	6.5	3490	2280	200	190							0.22	0.06	3		
25	3.55			7.1	7.5			9.0			8.6		99		5	82		2	1.46	6.8	29	6.8	3320	2250	200	200							0.19	0.62	3		
26	3.25			7.1	7.4			8.0			8.5		242		3	130		2	1.46	6.92	33	6.8	3440	2320	200	200							0.24	0.62	3		
27	3.82			6.9	7.3			20.0			8.4		326		9	177		2	1.47	8.43	51	6.4	3660	2440	200	200							0.37	1.10	3		
28	6.80	3	3	6.8	7.2			26.0			8.5		115		3	59		2	1.48	10.5	41	7.1	2670	1750	150	150							0.18	0.06	3		
29	4.62			6.9	7.3			7.0			8.5		157		6	96		6	1.87	9.05	45	6.5	3490	2360	200	190							0.23	0.06	3		
30	4.11			6.9	7.3			13.0			8.3		133		11	105		2	1.44	7.32	44	5.7	3600	2420	200	200							0.29	0.06	81		
31	9.75			7.1	7.2						8.0		60		9	30		3	1.19		36	4.8			190	190							0.29	0.06	3		
Tot.	141.54	12	12																45.78	37																	
Avg.	4.57	3	3	7.1	7.4			10.9			8.2		135		8	101		3	1.477	31	40.45	5.294	3689	2450	192.3	188.4							0.27	0.34	4		

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

43483 FLOW 22565 CBOD 24490 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