



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

May 9, 2012

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

RE: Jeffersontown WQTC, KPDES No: KY0025194  
Discharge Monitoring Report  
April 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 April 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,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright  
Process Supervisor Central Region

DVW/Jeffersontown 4.12.doc

Enclosures

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



Beneficial Use of Louisville's Biosolids  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

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						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	04	01		12	04	30

NOTE: Read instructions before completing this form

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	***	8	*****	*****	(19) MG/L	0	1/1	GR
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	6.7	*****	7.6	(12) SU	0	1/1	GR
PH	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/WEEK	GRAB
00400 1 0 0	SAMPLE MEASUREMENT	4354	5630	(26) LBS/DY	*****	157	181	(19) MG/L	0	1/1	CP
EFFLUENT GROSS VALUE	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	SAMPLE MEASUREMENT	313	624	(26) LBS/DY	*****	9	13	(19) MG/L	0	1/1	CP
00530 G 0 0	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
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	452	508	(26) LBS/DY	*****	18	22	(19) MG/L	0	1/1	CP
SOLIDS, TOTAL SUSPENDED	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
00530 1 0 0	SAMPLE MEASUREMENT	18	31	(26) LBS/DY	*****	0.6	0.7	(19) MG/L	0	1/1	CP
EFFLUENT GROSS VALUE	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
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	13	23	(26) LBS/DY	*****	0.4	0.6	(19) MG/L	0	1/1	CP
00610 G 0 0	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
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	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.									
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT MEASUREMENT	TELEPHONE									
00610 1 2 0	SAMPLE MEASUREMENT	DATE									
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	502 540-6000									
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	12 05 18									
00665 1 2 1	PERMIT MEASUREMENT	AREA NUMBER									
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	CODE									
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	GREG C. HEITZMAN INTERIM EXECUTIVE DIRECTOR										
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.										

NAME **JEFFERSONTOWN WQTC MSD**  
 ADDRESS **C/O CEDAR CREEK WQTC**  
**8405 CEDAR CREEK RD**  
**LOUISVILLE KY 40211**  
 FACILITY **JEFFERSONTOWN WQTC**

**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	TO	YEAR	MO	DAY	
FROM	12	04	01	TO	12	04	30

NOTE: Read instructions before completing this form

PARAMETER	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 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3.31	4.89	(03) MGD	*****	*****	*****	***	0	CN	CN	
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTINUOUS	
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	3	4	(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	3398	3484	(26) LBS/DY	*****	133	154	(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	98	213	(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	1/30	CA	
	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/MONTH	CALCTD	
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	94	*****	*****	(23) CENT	0	1/30	CA	
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD	
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>GREG C. HEITZMAN</b> INTERIM 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 these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE		
TYPED OR PRINTED	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							502	540-6000	12	05	18
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)								AREA CODE	NUMBER	YEAR	MO	DAY
USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.												

NAME OF TREATMENT PLANT JEFFERSONTOWN WTP

COUNTY JEFFERSON

MONTH OF: April 2012

KPDES PERMIT NUMBER KY0025194

PLANT CAPACITY 4.0 MGD

RECEIVING STREAM CHENOWETH RUN

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		SETTLABLE SOLIDS (mg/L)			DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING				FINAL				
		GRIT REMOVED (CUBIC FEET)	SCREENINGS (CUBIC FEET)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RETURN		WAST ED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	90 MIN.	60 MIN.	GALLONS x 1000	RAW		HAULED		TOTAL PHOS. (mg/L)	NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)
																		GAL/DAY x 1000	MLSS x 1000								% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS			
1	7.89			6.9	7.1	10.0			8.2			270		52	66	16	2.06	6745		3.6	2710	2100	210	200							1.93	1.70	4
2	6.32			6.8	6.8	30.0			9.1			54		7	39	2	1.43	4860	39	4.1	2200	1570	150	125						0.25	0.22	4	
3	4.54			7.0	7.4	20.0			10.0			93		5	63	2	1.47	5390	17	4.4	2120	1750	200	175						0.22	0.67	4	
4	4.33	3	3	6.7	7.4	50.0			11.0			119		3	123	2	1.5	6620	27	5	2830	2200	200	190						0.14	0.73	8	
5	4.16			6.6	7.4	5.0			9.7			74		4	102	2	1.5	6410	18	5.7	2690	2040	210	200						0.10	0.45	4	
6	3.64			7.0	7.5	17.0			9.9			144		2	137	2	1.58	6345	28	5	2320	1750	240	220						0.10	0.45	4	
7	3.32			7.1	7.2	14.0			9.8			146		3	106	2	1.62	4940	33	7	2560	1970	240	220						0.10	0.39	4	
8	3.02			7.2	7.4	12.0			9.5			152		18	122	2	1.6	4580	27	5.6	2730	2280	230	220						0.25	0.34	4	
9	2.96			7.3	7.4	20.0			10.0			224		6	130	2	1.63	4770	29	5	2680	2560	250	240						0.33	0.39	2	
10	2.86			7.0	7.2	15.0			9.6			152		4	155	2	1.63	5140	16	4.4	2930	2250	250	230						0.24	0.17	2	
11	2.38	3	3	7.2	7.4	10.0			10.0			192		3	185	2	1.63	5220	32	5.7	2970	2140	250	230						0.19	0.28	2	
12	2.62			7.4	7.4	18.0			9.5			272		4	198	2	1.61	5650	32	6.3	3060	2300	250	240						0.22	0.67	2	
13	2.59			7.1	7.4	15.0			9.7			182		6	184	2	1.55	4590	32	5.4	3070	2220	270	250						0.24	0.56	2	
14	2.77			6.8	7.4	18.0			9.6			96		12	105	2	1.47	4940	36	6.2	3330	2380	260	250						0.41	0.56	2	
15	2.74			6.9	6.8	19.0			9.4			108		16	95	2	1.45	4735	33	4.9	3080	2200	260	240						0.59	0.78	2	
16	2.87			7.0	7.6	5.0			9.5			115		14	136	2	1.46	4575	41	5.1	2980	2140	260	240						0.80	0.62	2	
17	2.69			6.9	7.4	10.0			9.8			164		12	204	2	1.48	4695	36	5.6	2940	2240	250	230						0.41	0.56	2	
18	2.57	3	3	7.1	7.3	12.0			9.6			64		10	142	3	1.41	4975	36	4.4	3040	2350	250	230						0.48	0.95	2	
19	2.49			6.9	7.3	15.0			9.4			90		10	136	2	1.44	5065	44	3.3	2850	2140	270	240						0.25	0.78	2	
20	2.51			6.9	7.1	30.0			9.0			170		4	154	2	1.39	4000	36	4.5	3070	2270	260	240						0.21	0.62	2	
21	3.72			7.0	7.1	12.0			9.3			320		26	113	4	1.33	4210	34	4	3100	2310	270	240						1.15	0.28	2	
22	2.97			7.0	7.0	20.0			9.5			164		8	130	2	1.32	6050	36	4.2	2870	2140	240	220						0.36	0.39	2	
23	2.63			7.1	7.0	25.0			9.6			168		6	132	2	1.17	5235	44	6.2	2840	2140	240	230						0.29	0.50	2	
24	2.61			7.1	7.2	19.0			9.6			310		9	187	3	1.07	8895	40	5.1	2760	2120	230	210						0.39	0.73	2	
25	2.66	3	3	6.8	7.1	20.0			9.2			98		7	151	14	1.08	6925	44	4.8	2960	2230	210	200						0.28	1.20	2	
26	2.68			6.9	7.0	12.0			8.9			48		4	144	2	1.19	6680	50	3.9	2840	2260	225	200						0.30	1.20	2	
27	2.48			6.7	6.7	30.0			9.4			280		6	254	2	1.26	5100	29	6.5	2880	2160	225	220						0.28	0.62	2	
28	2.74			6.8	6.7	22.0			9.3			59		6	35	2	1.25	5035	29	8	2790	2080	250	230						0.33	0.67	48	
29	4.02			6.9	6.8	12.0			9.4			86		9	84	2	1.28	7305	35	7.2	2410	1800	220	200						0.40	0.28	2	
30	3.52			6.8	6.8	20.0			9.2			304		5	186	2	1.35	6830	41	8	2770	2060	210	200						0.27	0.73	7	
31																																	
Tot.	99.31	12	12														43.19																
Avg.	3.31	3	3	7.0	7.2	17.9			9.5			157		9	133	3	1.44	5550	33.59	5.303	2813	2138	236	218.7						0.38	0.62	3	

RESIDENTIAL  
COMMERCIAL  
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
31526 FLOW  
21642 CBOD  
20675 TSS

Mike Stephenson  
OPERATOR

9616  
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS

0

X 4 = 0 SEWERED POPULATION

(502)267-9257

PLANT TELEPHONE



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

April 3, 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 10:47 AM on April 01, 2012 and stopped at 01:20 AM on April 02, 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>
April 01 2012	10:47 AM	11:59 PM	7.890 MG	15.547 MGD	1.335 MG
April 02 2012	12:00 AM	01:20 AM	6.315 MG	8.354 MGD	0.010 MG



Mr. Charlie Roth, District Supervisor  
KY Division of Water  
Page 2

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](mailto:wrightd@msdlouky.org).

Sincerely,

  
Duane V. Wright  
Process Supervisor-Operations

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

eB File



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

<b>KPDES #</b> KY0025194	<b>Facility ID</b> MSD0255	<b>Water Quality Treatment Center</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Center</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 28173	<b>Facility Address</b> 3258 RUCKRIEGEL PKY	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> GROUND
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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	1460084	04/01/12 11:48 AM	SIVADO	GRIFFITH	DOCUMENTED	03/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	04/02/12 03:00 PM	

**Spot Inspections:**

Discharge Amount:	31,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1460112
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

**Notifications:**

04/01/12 06:45 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
04/01/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/01/12 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



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

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Water Quality Treatment Center</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Center</b> CHENOWETH RUN	<b>Region</b> 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	1460086	04/01/12 12:06 PM	SIVADO	GRIFFITH	DOCUMENTED	11/22/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	04/01/12 03:00 PM	

**Spot Inspections:**

Discharge Amount	7,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1461104
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

**Notifications:**

04/01/12 06:56 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
04/01/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/01/12 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





Report Selections: Excluding PPI, CSO, Excluding LAT and SSL, 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 SMH Sewer Manhole	Facility ID 64505	Facility Address 3200 RUCKRIEGEL PKY	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	1460085	04/01/12 12:00 PM	SIVADO	GRIFFITH	DOCUMENTED	02/24/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	04/01/12 04:46 PM	

**Spot Inspections:**

Discharge Amount:	9,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1461096
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

**Notifications:**

04/01/12 06:53 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
04/01/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/01/12 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



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

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Water Quality Treatment Center</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Center</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0255	<b>Facility Address</b> 10725 OLD TAYLORSVILLE RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> 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	1460013	04/01/12 10:47 AM	MARKS JR	OPS BSHIFT CENTRAL	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE-WATER S	04/02/12 01:20 AM	

**Spot Inspections:**

Peak Plant Flow when Blending:	15,547,000 GPD
Total Plant Flow when Blending:	14,205,000 GAL
Discharge Amount:	1,345,076 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	PIPE SUBMERGED NO CLEANUP REQUIRED
Control Zone:	PERMANENT SIGNS POSTED
Impact:	NO IMPACT OBSERVED SUBMERGED DISCHARGE PIPE
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

04/01/12 12:43 PM	DISPUB	MSD USED SIGNS TO WARN PUBLIC
04/01/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/01/12 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

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
4/1/2012	4/1/12 10:47 AM	4/1/12 11:59 PM	7.89	15.547	1,334,589	11 Hr 13 Min	6.411	11.649
4/2/2012	4/2/12 12:00 AM	4/2/12 1:20 AM	6.315	8.354	10,487	1 Hr 20 Min	0.425	7.632