

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

February 8, 2013

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 2013

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 2013.

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

reare V. hrigha

DVW/Jeffersontown 01.13doc

Enclosures

cc:

R. Shaw

T. Singleton

Facility Name/Location if different)

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES) DISCHARGE MONITORING REPORT (DMR)

DAY

01

MONITORING PERIOD

TO

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

KY0025194 PERMIT NUMBER

YEAR

13

FROM

MO

01

001.2 DISCHARGE NUMBER

ΜQ

01

DAY

31

OFFICER OR AUTHORIZED AGENT

YEAR

13

MAJOR (SUBR LV)

F - FINAL

JEFFE FLOW BOD TSS DO PH

EFFLUENT [] No Discharge

LOCATION LOUISVILLE KY 40299

ATTN: DENNIS THOMASSON SR. METRO OPS

NOTE: Read instructions before completing this form PARAMETER QUANTITY OR LOADING QUALITY OR CONCENTRATION NO FREQUENCY SAMPLE EΧ OF TYPE AVERAGE **ANALYSIS** MAXIMUM UNITS MINIMUM **AVERAGE** MAXIMUM UNITS OXYGEN, DISSOLVED **** *** SAMPLE ***** 8 (19)1/1 GR (DO) MEASUREMENT *** MG/L 00300 1 0 0 **** ***** PERMIT *** **** **** (19)THREE/ GR EFFLUENT GROSS VALUE MEASUREMENT *** **INST MIN** MG/L WEEK SAMPLE **** ***** 6.2 ***** 8.9 (12)0 1/1 GR MEASUREMENT *** SU 00400 1 0 0 **** PERMIT **** **** 6.0 9.0 (12) THREE/ GR EFFLUENT GROSS VALUE MEASUREMENT MINIMUM MAXIMUM SU WEEK SOLIDS, TOTAL SAMPLE 5212 6380 (26)171 238 (19)0 1/1 CP SUSPENDED MEASUREMENT LBS/DY MG/L 100530 G 0 0 REPORT REPORT PERMIT (26)**** REPORT REPORT (19) THREE/ CP RAW SEW/INFLUENT MEASUREMENT MO AVG MX WK AV LBS/DY MO AVG MX WK AV MG/L WEEK SOLIDS, TOTAL SAMPLE 629 689 (26)15 15 (19)0 CP 1/1 SUSPENDED MEASUREMENT LBS/DY MG/L 00530 1 0 0 PERMIT 1000 1501 **** (26)30 45 (19)THREE/ CP **EFFLUENT GROSS VALUE** MEASUREMENT MO AVG MX WK AV LBS/DY MO AVG MX WK AV MG/L WEEK NITROGEN, AMMONIA 398 SAMPLE 412 ***** (26)16 (19)0 1/1 CP TOTAL (AS N) MEASUREMENT LBS/DY MG/L 100610 G 0 0 PERMIT REPORT REPORT **** (26)REPORT REPORT 19) THREE/ CP RAW SEW/INFLUENT MEASUREMENT MO AVG MX WK AV LBS/DY MO AVG MX WK AV MG/L WEEK NITROGEN, AMMONIA SAMPLE 51 51 (26)*** (19)0 1/1 CP TOTAL (AS N) MEASUREMENT LBS/DY MG/L 00610 1 2 0 PERMIT 334 500 (26)*** 10 15 (19)THREE/ CP **EFFLUENT GROSS VALUE** MEASUREMENT MO AVG MX WK AV LBS/DY MO AVG MX WK AV MG/L WEEK PHOSPHORUS, TOTAL SAMPLE 36 35 (26)***** 1.0 1.2 (19)0 1/1 CP (ASP) MEASUREMENT LBS/DY MG/L 00665 1 2 1 PERMIT 67 *** 100 (26)2.0 3.0 (19)THREE/ CP EFFLUENT GROSS VALUE MEASUREMENT MO AVG MX WK AV LBS/DY MO AVG MX WK AV MG/L WEEK I CERTIFY UNDER PENALTY FO LAW THAT I HAVE PERSONALLY EXAMINED AMD AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT NAME/TITLE PRINCIPAL EXECUTIVE OFFICER TELEPHONE DATE GREG HEITZMAN THERE ARE SIGNIFICANT PENALTIES FRO SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C 1001 AND 23 U.S.C 1319, (Ponalties under these statutes may include fines up to \$10,000 EXECUTIVE DIRECTOR 502 540-6000 and/or maximum imprisonment of between 6 months and 5 years. SIGNATURE OF PRINCIPALEXECUTIVE AREA NUMBER 13 02 14 TYPED OR PRINTED

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

DOW DMR-01 2/88

PAGE

YEAR

CODE

МО

DAY

PERMITTEE NAME/ADDRESS (Include)

Facility Name/Location if different)

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES) DISCHARGE MONITORING REPORT (DMR)

DAY

01

MONITORING PERIOD

TO

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

KY0025194 PERMIT NUMBER

YEAR

13

FROM

МО

01

0012 DISCHARGE NUMBER

MQ

01

DAY

31

OFFICER OR AUTHORIZED AGENT

YEAR

13

MAJOR (SUBR LV)

F - FINAL **JEFFE** FLOW BOD TSS DO PH

EFFLUENT [] No Discharge

LOCATION LOUISVILLE KY 40299

ATTN: DENNIS THOMASSON SR. METRO OPS

NOTE: Read instructions before completing this form PARAMETER QUANTITY OR LOADING QUALITY OR CONCENTRATION NO FREQUENCY SAMPLE EX TYPE **AVERAGE** MAXIMUM UNITS ANALYSIS MINIMUM **AVERAGE** MAXIMUM UNITS FLOW, IN CONDUIT OR SAMPLE 4.46 5.86 (03)**** **** **** *** CN CN THRU TREATMENT PLANT MEASUREMENT MGD *** 50050 1 0 0 REPORT PERMIT REPORT **** **** ***** (03)CONTIN CN INFLUENT GROSS VALUE MEASUREMENT MO AVG MX WK AV MGD ---**UOUS** COLIFORM, FECAL *** SAMPLE ***** 4 11 (13)1/1 GR GENERAL *** MEASUREMENT 100ML 74055 1 0 0 ***** **** PERMIT *** **** 200 400 (13)THREE/ GR **EFFLUENT GROSS VALUE** *** MEASUREMENT 30DA GEO 7 DA GEO 100ML WEEK BOD, CARBONACEOUS SAMPLE 4146 4905 (26)133 188 (19)0 1/1 CP 05 DAY, 20C MEASUREMENT LBS/DY MG/L 80082 G 0 0 PERMIT REPORT REPORT at the strategy (26)REPORT REPORT (19)THREE/ CP RAW SEW/INFLUENT MEASUREMENT MO AVG MX WK AV LBS/DY MO AVG MX WK AV MG/L WEEK BOD. CARBONACEOUS SAMPLE 265 352 (26)***** (19) 6 6 $\overline{0}$ CP 1/1 105 DAY, 20C MEASUREMENT LBS/DY MG/L 80082 1 0 0 PERMIT 667 1001 *** (26)20 30 (19) THREE/ CP EFFLUENT GROSS VALUE MEASUREMENT MO AVG MX WK AV LBS/DY MO AVG MX WK AV MG/L WEEK BOD, CARB 5-DAY, 20 SAMPLE 96 (23)Ó. 1/31 CA DEG C. PERCENT REMVL MEASUREMENT *** CENT 180091 K 0 0 **** **** PERMIT *** 85 **** **** 23) ONCE/ CA PERCENTREMOVAL MEASUREMENT *** MO AVG CENT MONTH SOLIDS, SUSPENDED ***** ***** *** SAMPLE **** 91 (23)1/31 CA PERCENT REMOVAL MEASUREMENT ---CENT l81011 K 0 0 PERMIT *** *** **** 85 **** (23)ONCE/ CA PERCENTREMOVAL MEASUREMENT *** MO MIN CENT MONTH SAMPLE MEASUREMENT PERMIT MEASUREMENT I CERTIFY UNDER PENALTY FO LAWTHAT I HAVE PERSONALLY EXAMINED AMD AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE, I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FRO SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE NAME/TITLE PRINCIPAL EXECUTIVE OFFICER TELEPHONE DATE **GREG HEITZMAN** EXECUTIVE DIRECTOR AND IMPRISONMENT, SEE 18 U.S.C 1001 AND 33 U.S.C 1319. (Penalties under these statutes may include fines up to \$10,00 502 540-6000 and/or maximum imprisonment of between 8 months and 5 years. SIGNATURE OF PRINCIPAL EXECUTIVE AREA NUMBER 13 02 14 TYPED OR PRINTED

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

CODE

DAY

МО

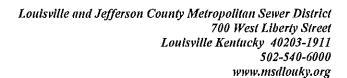
NAME OF TREATMENT PLANT JEFFERSONTOWN WTP COUNTY **JEFFERSON** MONTH OF: January 2013 KPDES PERMIT NUMBER KY0025194 PLANT CAPACITY 4.0 MGD RECEIVING STREAM CHENOWETH RUN RÁW SETTLEABLE DISSOLVED SUSPENDED ACTIVATED SEWAGE OXYGEN (mg/L) SOLIDS (mg/L) SOLIDS (mg/L) 5 DAY CBOD (mg/L) SLUDGE AERATION BASIN SLUDGE HANDLING FINAL TOTAL FLOW (MILLION GALLONS) FINAL EFFLUENT BELOW EFFLUENT ABOVE EFFLUENT **EFFLUENT** DISSOLVED OXYGEN (mg/L) SLUDGE GRIT REMOVED (CUBIC FEET) SCREENINGS (CUBIC FEET) RETURN VOLUME RAW HAULED FECAL COLLEGRA (COLONES/100W1) (mg/L) (mg/L) PRIMARY EFFLUENT × PRIMARY EFFLUENT DRY SOUDS DRY SOLIDS PRIMARY STREAM, GAL/DAY 1000 VOLATILE DLIDS THEDRAWN MLVSS (X ALVSS C 1000 ALLONS 1000 FINAL MLSS (x 1000 (1007AL (mg/L) NH3-N FINAL FINAL M N MLSS ×1000 Z. RAW RAW 8 4.81 6.4 6.6 12.0 107 72 9.8 5 2 1.18 9340 29 7.9 2510 1980 130 120 0.56 0.45 2 2 4.19 3 7.6 8,2 12.0 9.9 52 10 85 3 1.18 7525 29 8.1 2380 1890 130 120 0.82 0,50 3 3.81 7.3 7.4 22.0 8.2 136 6 122 2 1.18 7110 29 8.2 2660 2220 130 120 0.68 0.56 4 3.47 7.7 7.7 17.0 9.9 205 7 161 3 1.18 6250 29 8,1 2650 2210 130 130 0.73 0.67 5 3.30 7.2 6.6 19.0 147 7 9.8 90 3 1.19 6390 30 7.8 2430 1990 150 140 0.57 0.56 6 3.16 7.3 7.8 13.0 9.6 179 11 108 1.18 6710 36 7.5 2660 2200 150 140 0.91 0.67 2 7 2 99 7.6 6.7 15.0 9,5 148 12 200 1.18 5990 36 7.4 2640 2130 150 140 2 1.10 0.84 7.6 8 2.92 7.5 30.0 10.0 304 9 195 3 1.18 6115 36 7.1 2770 2180 150 150 1.11 0.84 9 2.78 7.8 20.0 10.0 8.4 392 9 228 1.19 36 5345 8.2 2730 2100l 150 150 1.01 0.84 10 2.86 7.1 3 7.7 27.0 10.0 402 6 226 5270 4 1.19 40 8.3 2710 2120 150 150 0.93 0.28 11 4.62 7.1 7.3 40.0 9.8 169 17 103 5 1,19 4880 43 7.2 2740 2120 150 150 1.02 0.73 12 3,96 7.2 28.0 7.5 10.0 167 14 112 36 4 1.21 5225 8 2660 2140 150 150 0.73 0.73 2720 13 13.19 7.1 7.2 22.0 10.0 33 22 22 13 8.6 1.21 5015 40 2740 2200 170 150 0.60 1.00 43 14 10.69 7.8 7.9 1.0 10.1 શ 33 35 51 1.19 9740 30 10.2 2440 1660 160 130 0.50 1.10 15 6.49 7.8 8.1 5.0 10,2 53 12 54 30 1750 1.18 9705 9.5 1458 150 140 0.52 0,67 16 6.15 8.1 8.1 5.0 10.0 66 11 94 9415 30 4 1.17 9 2110 1750 160 150 0.56 0.57 17 5.27 3 3 8.0 8.6 5.0 10.0 98 13 98 1.17 7860 36 9.1 2400 1950 200 170 0.56 0.62 2 18 4.51 8.3 8.6 7.0 7 8.9 112 86 2 1.17 7075 36 8.5 2400 1850 180 220 0.49 1,00 2 19 4.15 8.3 8.6 10.0 7 10.0 121 95 2 1.16 7030 37 8.6 2520 2180 250 190 0.45 5.00 2 20 3.74 8.4 8.6 15.0 10.0 136 7 75 3 6660 37 1.16 9.2 2490 2000 280 190 0.54 0.84 2 21 3.61 7.0 7.3 18.0 10.0 188 13 160 5 1.16 6430 36 9 2380 1820 250 200 0.83 0.90 2 22 3.35 8.4 8.9 30.0 10.0 314 12 219 6 1.17 5755 29 8.7 2350 1760 200 170 0.84 1.00 3 23 3.19 8.2 8,2 40.0 8.3 240 10 233 1.17 7020 29 7.9 2130 1660 330 200 0.66 0.90 24 3.04 7.6 8.2 25.0 11.0 272 12 254 5 1.17 5370 32 8.7 2450 2050 550 300 0.76 0.90 25 2.95 7.6 8,0 35.0 10.0 266 12 174 5 1.18 5335 32 8.4 2590 2190 450 300 0.82 0.78 26 2.86 23.0 7.5 7.5 9.5 206 9 136 1.17 5990 30 9.2 2680 2170 650 350 0.81 1.20 27 2.86 7.7 7.9 20.0 10.0 208 136 10 1.09 5535 29 8.1 3040 2300 650 400 2.03 1.20 31 28 3.53 7.6 8.0 25.0 9.6 158 41 163 13 5965 31 8.2 2220 1.3 1900 600 250 2.18 2.80 29 3.55 7.4 6,2 20.0 7 9.8 144 178 6 1.25 4520 44 8 2320 1980 420 250 1.52 2.70 30 6.87 7.8 8.1 30.0 9,0 107 45 91 31 1.34 7335 28 6.7 2210 1850 430 250 1.96 4.80 40 31 5.28 8.1 7.5 10.0 9.8 129 100 105 25 1.41 4875 18 3.5 1700 1470 200 150 3.99 4.60 Tot. 138.17 12 12 37.05 4.46 3 7.6 Avg. 3 7.8 19.4 9.8 171 15 133 6 1.195 6541 33 8.158 2466 1983 259.4 186.5 0.99 1.30 RESIDENTIAL . -INDUSTRIAL WASTE POPULATION EQUIVALENT COMMERCIAL 42447 28989 30216 Mike Stephenson 9616 INDUSTRIAL FLOW CBOD TSS OPERATOR CERT, NO. TOTAL NUMBER OF SEWER CONNECTIONS ٥ (502) 2679257

PLANT TELEPHONE

SEWER CONNECTIONS

0 X 4 =

SEWERED POPULATION





January 16, 2013

Mr. Charlie Roth, District Supervisor KY Division of Water Louisville Regional Office 9116 Leesgate Road Louisville, KY 40222-5084

Re: Bypass (Blending) Report for the Jeffersontown WQTC - KPDES Permit KY0025194

Dear Mr. Roth:

In accordance with 401 KAR 5:065, MSD is providing this letter as a written report of the bypass (blending) event that occurred at the Jeffersontown Water Quality Treatment Center (WQTC). The bypass started at 05:22 AM on January 13, 2013 and stopped at 10:29 PM on January 14, 2013.

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>	Start <u>Time</u>	Stop <u>Time</u>	Total Plant <u>Flow (Vol)</u>	Peak Plant <u>Rate</u>	Total Blended <u>Flow (Vol)</u>
January 13 2013	05:22 AM	11:59 PM	13.185 MG	22.858 MGD	4.985 MG
January 14 2013	12:00 AM	10:29 PM	10.688 MG	15.528 MGD	2.193 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 duane.wright@louisvillemsd.org.

Sincerely,

Duane V. Wright

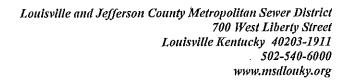
Process Supervisor-Operations

cc:

Courtney Seiz, KDEP

Paula Purifoy, Wes Sydnor, Kevin Ries, Robert Bates - MSD

eB File





February 1, 2013

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 07:45 AM on January 30, 2013 and stopped at 02:53 AM on January 31, 2013.

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>	Start <u>Time</u>		Total Plant Flow (Vol)	Peak Plant <u>Rate</u>	Total Blended <u>Flow (Vol)</u>
January 30 2013	07:45 AM	11:59 PM	6.868 MG	12.295 MGD	1.625 MG
January 31 2013	12:00 AM	02:53 AM	5.284 MG	6.672 MGD	0.087 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 duane.wright@louisvillemsd.org.

Sincerely,

mare V. Wright Duane V. Wright

Process Supervisor-Operations

cc:

Courtney Seiz, KDEP

Paula Purifoy, Wes Sydnor, Kevin Ries, Robert Bates - MSD

eB File



KPDES # KY0025194 Facility ID MSD0255 Water Quality Treatement Center JEFFERSONTOWN

Receiving Stream of Treatment Center CHENOWETH RUN

Region CENT

Facility Type

DISCHARGE

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

Activity Code / Description
DISREV: RAIN EVENT

<u>WO #</u> 1623199

Initiated 01/13/13 08:44 AM Initiated By SIVADO Assigned To GRIFFITH Disch Status
DOCUMENTED

Event Date 03/04/08 Problem

LACK OF SYSTEM

CAPACITY

Result UNAUTHORIZED Completed Condition

01/15/13 03:00

DISCHARGE-WATER PM

S

Spot Inspections:

Discharge Amount:	72,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1623569
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

01/13/13 10:46 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS, TEMPORARY, AND PERMANENT SIGNS TO AVOID CONTACT WITH DISCHARGE
01/13/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
01/13/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre,Dennis@epamail.epa.gov, Charlie,Roth@ky.gov and LisaA.Jeffries@ky.gov



KPDES# KY0025194 (Cont'd) Facility ID MSD0255

Water Quality Treatement 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

28336

9707 WILLOWWOOD WAY

CHENOWETH RUN

DITCH

Activity Code / Description DISREV: RAIN EVENT DISCHARGE :

WO# 1623268

<u>Initiated</u> 01/13/13 09:29 AM Initiated By FIELDS

Assigned To GRIFFITH

Disch Status DOCUMENTED **Event Date** 08/30/05

Problem LACK OF SYSTEM Result UNAUTHORIZED Completed 01/15/13 03:00 Condition

IMSAST0004

CAPACITY DISCHARGE-WATER

PM

Spot Inspections:

Discharge Amount	57,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1623585
Control Zone:	CAUTION TAPE AND TEMP SIGN PLACED
Impact	LIGHT DEBRIS OBSERVED
Repair.	LOCATION INCLUDED IN THE IOAP

01/13/13 04:39 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT
01/13/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre,Dennis@epamail.epa.gov, Charlie,Roth@ky.gov and LisaA.Jeffries@ky.gov
01/13/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov



KPDES#

KY0025194 (Cont'd)

Facility ID MSD0255 Water Quality Treatement Center

Receiving Stream of Treatment Center **CHENOWETH RUN**

Region CENT

Facility Type

DISCHARGE

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

28340

3620 CHARLANE PKY

JEFFERSONTOWN

CHENOWETH RUN

GROUND

Activity Code / Description DISREV: RAIN EVENT

WO# 1623448

Initiated 01/13/13 09:29 AM Initiated By SIVADO

Assigned To GRIFFITH

Disch Status DOCUMENTED **Event Date** 01/03/05

<u>Problem</u> LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED Completed Condition

01/15/13 03:00

DISCHARGE-WATER PΜ

Spot Inspections:

Discharge Amount	15,600 GAL
Cause;	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1623580
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair.	LOCATION INCLUDED IN THE IOAP

01/14/13 07:20 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT	1
01/14/13 03:30 PM	1	Manual email notification of unauthorized discharge sent to sayre,dennis@epamail.epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	1



KPDES # Facility ID KY0025194 (Cont'd) MSD0255 Facility Type Facility ID SMH Sewer Manhole 28395		Water Quality Treatement Center JEFFERSONTOWN			Receiving Stream of Treatment Center CHENOWETH RUN			Region CENT	
		Facility Address 2901 LIVINGSTON AVE		If Pump Station, Name of Pump Station:			Receiving Stream CHENOWETH RUN	Discharge to STREAM	
Activity Code / Description DISREV: RAIN EVENT DISCHARGE	WO # Initiated 1623313 01/13/13 03:19 PM	<u>Initiated By</u> SIVADO	Assigned To GRIFFITH	<u>Disch Status</u> DOCUMENTED	Event Date 12/15/07	Problem LACK OF SYSTEM CAPACITY	Result UNAUTHORIZED DISCHARGE-WATER S	Completed 01/15/13 03:00 PM	Condition

Spot Inspections:

Discharge Amount:	90,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1623664
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact	LIGHT DEBRIS OBSERVED
Repair	LOCATION INCLUDED IN THE IOAP

(01/13/13 05:39 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT
	01/13/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
	01/13/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Chartie,Roth@ky.gov and LisaA.Jeffries@ky.gov



KPDES#	
KY0025194	(Cont'd)

Facility ID MSD0255 **Water Quality Treatement 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

28414

3400 DELL RD

CHENOWETH RUN

GROUND

Activity Code / Description DISREV: RAIN EVENT

WO# Initiated Initiated By SIVADO

Assigned To **GRIFFITH**

Disch Status

Event Date

<u>Problem</u> LACK OF SYSTEM Result UNAUTHORIZED

Condition Completed 01/15/13 03:00

DISCHARGE

1623310 01/13/13 02:40 PM

DOCUMENTED

01/03/05

CAPACITY DISCHARGE-WATER s

PΜ

Spot Inspections:

Discharge Amount	45,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1623657
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

01/13/13 05:33 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT	
01/13/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre,Dennis@epamail.epa.gov, Chartie,Roth@ky.gov and LisaA.Jeffries@ky.gov	
01/13/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie,Roth@ky.gov and LisaA.Jeffries@ky.gov	



Initiated Jan 01, 2013 12:00 AM thru Jan 31, 2013 11:59 PM

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

KPDES #	
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KY0025194 (Cont'd)

Facility ID MSD0255 Water Quality Treatement Center

JEFFERSONTOWN

Receiving Stream of Treatment Center

CHENOWETH RUN

Region CENT

Facility Type

DISCHARGE

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

Activity Code / Description DISREV: RAIN EVENT

WO# 1623183

<u>Initiated</u> 01/13/13 05:35 AM **Initiated By** GRIFFITH

Assigned To GRIFFITH

Disch Status DOCUMENTED **Event Date** 11/22/11

<u>Problem</u> CAPACITY

Result LACK OF SYSTEM UNAUTHORIZED

Completed 01/15/13 03:00 Condition

DISCHARGE-WATER

PM

S

Spot Inspections:

Discharge Amount:	160,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1623566 .
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact	LIGHT DEBRIS OBSERVED
Repair	LOCATION INCLUDED IN THE IOAP

;	01/13/13 09:26 AM	DISPUB	PUBLIC NOTIFIED THROUGH TEMPORARY AND PERMANENT SIGNS TO AVOID CONTACT WITH DISCHARGE	i i
	01/13/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov	
	01/13/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre,Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov	!



KPDES#

KY0025194 (Cont'd)

Facility ID MSD0255

Water Quality Treatement Center

JEFFERSONTOWN

Receiving Stream of Treatment Center

CHENOWETH RUN

Region CENT

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO# 1634066

Initiated 01/30/13 10:21 AM

Initiated By Assigned To GRIFFITH GRIFFITH

Disch Status DOCUMENTED **Event Date** 11/22/11

<u>Problem</u>

Result LACK OF SYSTEM UNAUTHORIZED CAPACITY

Completed 01/30/13 11:30 Condition

DISCHARGE-WATER AM

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Spot Inspections:

	Discharge Amount	100 GAL
	Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
	Clean Up:	NONE NEEDED DUE TO LEVEL OF DISCHARGE AND THE MAGNITUDE OF STORM
	Control Zone:	NONE NEEDED DUE TO REMOTE LOCATION AND SIZE OF RAIN EVENT
AMORRATION	Impact	VERY LIGHT DEBRIS OBSERVED
:	Repair:	LOCATION INCLUDED IN THE IOAP

01/30/13 11:02 AM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID CONTACT WITH DISCHARGE	:
01/30/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov	:
01/30/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@eparnail.epa.gov, Charlie.Roth@ky.gov	



KPDE9#	
KY0025194	(Cont'd)

Facility ID MSD0255

Water Quality Treatement 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

31733

2711 GRASSLAND DR

BEATTY BROOK

DITCH

Activity Code / Description DISREV: RAIN EVENT

WO#

Initiated

Initiated By SIVADO

Assigned To

Disch Status DOCUMENTED Event Date 03/09/11

<u>Problem</u>

Result UNAUTHORIZED

Completed 01/15/13 03:00 Condition

DISCHARGE

1623317

01/13/13 03:20 PM

GR!FFITH

LACK OF SYSTEM CAPACITY

DISCHARGE-WATER

PM

Spot Inspections:

Discharge Amount:	42,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1623673
Control Zone;	CAUTION TAPE AND TEMP SIGNS PLACED
Impact	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

01/13/13 05:41 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT	
01/13/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov	-
01/13/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov	



DISCHARGE-WATER PM

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

KPDES # KY0025194 (Cont'd)	Facility ID MSD0255	Water Quality Treate JEFFERSONTOWN	ement Center	enter Receiving Stream of Treatment Center CHENOWETH RUN		Region CENT	
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	
Activity Code / Description DISREV: RAIN EVENT	<u>WO # Initiated</u> 1623202 01/13/13 09:15 AM	Initiated By Assigned To SIVADO GRIFFITH		ent Date Problem /24/11 LACK OF SYSTEM	<u>Result</u> UNAUTHORIZED	Completed Condition 01/15/13 03:00	

Spot Inspections:

DISCHARGE

Discharge Amount;	24,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1623573
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact	LIGHT DEBRIS OBSERVED
Repair.	LOCATION INCLUDED IN THE IOAP

CAPACITY

01/13/13 10:50 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS, TEMPORARY, AND PERMANENT SIGNS TO AVOID CONTACT WITH DISCHARGE	T
01/13/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov	1
01/13/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov	ļ



KPDES#	
KY0025194	(Cont'd)

Facility ID MSD0255

Water Quality Treatement 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

92061

11804 CHIPPEWA RIDGE LN

CHENOWETH RUN

GROUND

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE

WO#

Initiated 1623350 01/13/13 06:30 PM Initiated By **GREEN**

Assigned To OPS BSHIFT CENTRAL

Disch Status DOCUMENTED **Event Date** 02/15/01

Problem LACK OF SYSTEM CAPACITY

Result

Completed 01/13/13 06:43

Condition

UNAUTHORIZED DISCHARGE-WATER PM

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Spot inspections:

Discharge Amount:	1,300 GAL	:
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	:
Clean Up:	NO DEBRIS	
Control Zone:	TEMPORARY SIGNS PLACED	
Impact:	NO IMPACT OBSERVED	
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR	

01/13/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
01/13/13 06:30 PM	DISPUB	TEMPORARY SIGNS PLACED AROUND THE EFFECTED AREA
01/13/13 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov



KPDES #

KY0025194 (Cont'd)

Facility ID MSD0255

Water Quality Treatement 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

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE

WO #

Initiated 1623167 01/13/13 05:22 AM

Initiated By MARKS JR

Assigned To BROOKS

Disch Status DOCUMENTED Event Date 01/14/07

<u>Problem</u>

WQTC

BLENDING AT JTOWN

Result

Completed 01/14/13 10:29 Condition

UNAUTHORIZED

DISCHARGE-WATER PM

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Spot Inspections:

Peak Plant Flow when Blending:	22,858,000 GPD
Total Plant Flow when Blending:	23,873,000 GAL
Discharge Amount:	7,177,246 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEANUP
Control Zone:	PIPE DISCHARGE SUBMERGED- NO CONTROL ZONE
Impact:	NO IMPACT OBSERVED- PIPE DISCHARGE SUBMERGED
Repair.	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION.

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01/13/13 07;44 AM	DISPUB	msd used signs to warn public			
01/13/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov			
01/13/13 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov			



KPDES#

KY0025194 (Cont'd)

Facility ID MSD0255

Water Quality Treatement Center JEFFERSONTOWN

CHENON

Receiving Stream of Treatment Center CHENOWETH RUN

Region CENT

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE WO # Initiat 1633908 01/30

Initiated 01/30/13 07:45 AM Initiated By MARKS JR

Assigned To OPS BSHIFT CENTRAL <u>Disch Status</u> DOCUMENTED

Event Date Problem 01/14/07 BLENDIN

BLENDING AT JTOWN WQTC Result
UNAUTHORIZED

Completed Condition 01/31/13 02:53

DISCHARGE-WATER AM

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Spot Inspections:

Peal Plant Flow when Blending:	12,295,000 GPD	
Total Plant Flow when Blending:	12,152,000 GAL	***************************************
Discharge Amount:	1,712,000 GAL	
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEANUP	·····
Control Zone:	PIPE DISCHARGE SUBMERGED- NO CONTROL ZONE	***************************************
mpact:	NO IMPACT OBSERVED- PIPE DISCHARGE SUBMERGED	PROPERTY PROPERTY.
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION.	·

7						
:	01/30/13 07:53 AM	DISPUB	msd used signs to warn public	7		
:	01/30/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov	i 7		
1	01/30/13 01:00 AM		Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov,			
			Charlie.Roth@ky.gov			