



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

April 9, 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 March 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 March 2013.

Also attached are bypass/blending letters, overflow reports and the 1st quarter Biomonitoring DMR.

There was one exceedence for the month of March for TSS loading Max Wkly Avg. The weekly max was 2084lbs. Our permit limit is 1501lbs. We met the TSS concentration permit limit; however, the average plant flow for the week was 6.81 MGD, which exceeded the design capacity due to recent storm flow. The plant blended for 41 hours for this week and experienced a bypass of solids through the plant.

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 03.13doc

Enclosures

cc: R. Shaw
T. Singleton



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

DMR Copy of Record

Permit					
Permit #:	KY0025194	Permittee:	JEFFERSONTOWN WQTC MSD	Facility:	JEFFERSONTOWN WQTC MSD
Major:	Yes	Permittee Address:	10725 OLD TAYLORSVILLE RD JEFFERSONTOWN, KY 40299	Facility Location:	10725 OLD TAYLORSVILLE RD JEFFERSONTOWN, KY 40299
Permitted Feature:	001 External Outfall	Discharge:	001-2 FLOW BOD TSS DO PH		

Report Dates & Status					
Monitoring Period:	From 03/01/13 to 03/31/13	DMR Due Date:	04/28/13	Status:	NetDMR Validated

Considerations for Form Completion
USE MO AVG FOR BOD/TSS REMV;REPT IN MINIMUM COLUMN.

Principal Executive Officer					
First Name:	Greg	Title:	exec. dir.	Telephone:	502-540-6000
Last Name:	Heitzman				

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	--	Sample					=	9					19 - mg/L	01/01 - Daily	GR - GRAB			
					Permit Req.					>=	7 INST MIN					19 - mg/L	03/07 - Three Per Week	GR - GRAB			
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.5			=	8.2	12 - SU	01/01 - Daily	GR - GRAB			
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	03/07 - Three Per Week	GR - GRAB			
					Value NODI																
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	795	=	2085	26 - lb/d			=	15	=	36	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.	<=	1000 MO AVG	<=	1501 MX WK AV	26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	7089	=	8116	26 - lb/d			=	189	=	225	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	2	--	Sample	=	70	=	176	26 - lb/d			=	2	=	3	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.	<=	334 MO AVG	<=	500 MX WK AV	26 - lb/d			<=	10 MO AVG	<=	15 MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
00610	Nitrogen, ammonia total (as N)	G - Raw Sewage Influent	0	--	Sample	=	351	=	367	26 - lb/d			=	9	=	10	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
00665	Phosphorus, total (as P)	1 - Effluent Gross	2	--	Sample	=	39	=	78	26 - lb/d			=	0.9	=	1	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.	<=	67 MO AVG	<=	100 MX WK AV	26 - lb/d			<=	2 MO AVG	<=	3 MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.811	=	6	03 - MGD								99/99 - Continuous	CN - CONTIN		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD										99/99 - Continuous	CN - CONTIN
					Value NODI																
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample							=	3	=	5	13 - #/100mL	01/01 - Daily	GR - GRAB			
					Permit Req.								<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	03/07 - Three Per Week	GR - GRAB		
					Value NODI																
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	278	=	688	26 - lb/d			=	5	=	11	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.	<=	667 MO AVG	<=	1001 MX WK AV	26 - lb/d			<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
80082	BOD, carbonaceous, 05 day, 20 C	G - Raw Sewage Influent	0	--	Sample	=	4364	=	4676	26 - lb/d			=	118	=	143	19 - mg/L	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample							=	96			23 - %	01/30 - Monthly	CA - CALCTD			
					Permit Req.								>=	85 MO AV MN			23 - %	01/30 - Monthly	CA - CALCTD		
					Value NODI																
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample							=	92			23 - %	01/30 - Monthly	CA - CALCTD			
					Permit Req.								>=	85 MO MIN			23 - %	01/30 - Monthly	CA - CALCTD		
					Value NODI																

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00530	Solids, total suspended	1 - Effluent Gross	Quantity or Loading Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

Comments

Attachments

Name	Type	Size
201303JT_MOR.pdf	pdf	66774
201303JTWQTC_OverflowReport.pdf	pdf	94590
201303JTWQTC_cover.pdf	pdf	18438

Report Last Saved By

JEFFERSONTOWN WQTC MSD

User: wrightd | Date/Time: 2013-04-23 12:25 (Time Zone: -04:00)
Name: Duane Wright
E-Mail: duane.wright@louisvillemtd.org

DMR Copy of Record

Permit					
Permit #:	KY0025194	Permittee:	JEFFERSONTOWN WQTC MSD	Facility:	JEFFERSONTOWN WQTC MSD
Major:	Yes	Permittee Address:	10725 OLD TAYLORSVILLE RD JEFFERSONTOWN, KY 40299	Facility Location:	10725 OLD TAYLORSVILLE RD JEFFERSONTOWN, KY 40299
Permitted Feature:	001 External Outfall	Discharge:	001-Y BIOMONITORING/ONCE PER QUARTER		

Report Dates & Status					
Monitoring Period:	From 01/01/13 to 03/31/13	DMR Due Date:	04/28/13	Status:	NetDMR Validated

Considerations for Form Completion					
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Principal Executive Officer					
First Name:	Greg	Title:	exce. dir.	Telephone:	502-540-6000
Last Name:	Heitzman				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00900	Hardness, total (as CaCO3)	1 - Effluent Gross	0	--	Sample						<	261	<	261	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.												01/90 - Quarterly	CP - COMPOS
					Value NODI													
01025	Cadmium, dissolved (as Cd)	1 - Effluent Gross	0	--	Sample						<	0.001	<	0.001	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.												01/90 - Quarterly	CP - COMPOS
					Value NODI													
01040	Copper, dissolved (as Cu)	1 - Effluent Gross	0	--	Sample						<	0.006	<	0.006	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.												01/90 - Quarterly	CP - COMPOS
					Value NODI													
01049	Lead, dissolved (as Pb)	1 - Effluent Gross	0	--	Sample						<	0.08	<	0.08	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.												01/90 - Quarterly	CP - COMPOS
					Value NODI													
01090	Zinc, dissolved (as Zn)	1 - Effluent Gross	0	--	Sample						<	0.027	<	0.027	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.												01/90 - Quarterly	CP - COMPOS
					Value NODI													
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.029	<	0.029	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.												01/90 - Quarterly	CP - COMPOS
					Value NODI													
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.001	<	0.001	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.												01/90 - Quarterly	CP - COMPOS
					Value NODI													
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.08	<	0.08	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.												01/90 - Quarterly	CP - COMPOS
					Value NODI													
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.												01/90 - Quarterly	CP - COMPOS
					Value NODI													
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample								<	1	2G - tox chronic	0	01/90 - Quarterly	CP - COMPOS
					Permit Req.								<=	1 DAILY MX	2G - tox chronic		01/90 - Quarterly	CP - COMPOS
					Value NODI													

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 JEFFERSONTOWN WQTC MSD

User: wrightd | Date/Time: 2013-04-23 12:31 (Time Zone: -04:00)
 Name: Duane Wright
 E-Mail: duane.wright@louisvillemsd.org

NAME OF TREATMENT PLANT JEFFERSONTOWN WTP COUNTY JEFFERSON MONTH OF: March 2013
 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	GAL/DAY X 1000	MLSS X 1000	MLVSS X 1000	DISSOLVED OXYGEN (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	3.83					8.0	25.0				10.0			180		4	115		2	1.52	5690	33	9	2480	2090	300	250								0.58	0.34	2	
2	3.92					7.7	18.0				10.0			221		5	114		2	1.53	6925	36	8.9	2840	2400	270	220								0.56	0.34	2	
3	3.59					7.6	21.0				11.0			280		3	148		2	1.5	5840	33	9.2	2530	2120	350	250								0.61	0.45	2	
4	3.41	3	3			7.9	40.0				10.0			262		5	231		2	1.55	5655	27	8.8	2600	2170	330	250								0.80	0.06	2	
5	4.29					7.7	23.0				10.0			236		8	124		4	1.56	5690	33	8.5	2660	2280	480	300								0.93	1.40	2	
6	4.80					8.2	30.0				10.0			100		6	96		2	1.48	6420	29	8	2370	2010	350	250								0.61	1.30	2	
7	4.19					8.2	32.0				10.0			294		5	173		3	1.5	6845	28	7.7	2480	2080	430	280								0.63	1.10	2	
8	3.81					8.1	20.0				10.0			294		4	152		2	1.56	5380	32	9.6	2630	2270	360	250								0.62	0.90	2	
9	3.66					8.2	22.0				10.0			296		4	161		2	1.55	5690	39	8.6	2420	2030	360	270								0.61	0.95	2	
10	3.40					8.0	27.0				9.6			268		5	122		2	1.47	5415	34	8.4	2610	2220	340	250								0.67	0.90	2	
11	9.82	3	3			7.8	25.0				9.4			148		40	58		16	1.62	5812	29	7.5	2530	2150	250	200								1.62	1.80	15	
12	6.93					7.5	5.0				10.0			134		4	82		2	1.74	7460	36	7	2190	1820	200	180								0.51	0.98	2	
13	5.17					7.9	20.0				11.0			183		3	124		2	1.73	5400	36	9.4	2020	1710	200	150								0.43	0.76	3	
14	4.39					7.8	23.0				11.0			84		3	112		2	1.74	5180	36	9.5	2050	1750	210	180								0.43	0.62	2	
15	4.02					7.9	22.0				10.0			106		7	82		2	1.74	5435	36	9	2190	1840	210	190								0.57	1.40	2	
16	3.75					8.1	40.0				10.0			202		6	83		2	1.8	4145	36	8.9	2160	1940	220	200								0.62	0.81	2	
17	6.03					7.8	26.0				11.0			174		86	92		17	1.83	4750	36	9.6	2300	1920	210	180								2.43	3.00	31	
18	11.76	3	3			7.7	15.0				9.6			105		31	50		21	1.7	3120	16	9.7	1820	1590	200	180								0.99	2.20	12	
19	7.30					7.8	5.0				9.8			125		79	99		18	1.54	3160	0	3.2	1900	1640	200	170								3.23	5.00	8	
20	5.58					8.0	13.0				9.5			39		35	59		11	1.84	3850	7	3.1	1720	1510	180	150								1.42	7.00	2	
21	4.81					7.9	30.0				10.0			190		9	121		4	1.52	5805	7	4.1	1960	1680	210	180								0.56	4.00	3	
22	4.22					8.0	30.0				10.0			68		10	106		4	1.41	6470	0	7.9	2240	1860	290	200								0.52	1.30	2	
23	3.88					7.7	22.0				10.0			180		10	131		3	1.41	5620	26	9.3	2710	2290	340	260								0.47	1.40	2	
24	4.91					7.9	27.0				10.0			184		42	70		7	1.39	7040	26	9	2570	2140	370	280								1.13	1.50	4	
25	5.14	3	3			7.6	15.0				9.9			219		26	133		9	1.32	5745	0	7.8	2340	1980	350	280								1.61	2.60	2	
26	4.51					8.0	19.0				10.0			170		7	120		4	1.3	5790	26	4.2	1720	1480	230	190								0.65	2.00	16	
27	4.10					7.8	30.0				10.0			215		8	127		3	1.35	6690	21	8.3	2630	2120	480	320								0.24	0.90	2	
28	3.76					8.1	25.0				10.0			262		4	151		2	1.36	6635	14	8.1	2780	2690	580	470								0.30	0.90	2	
29	3.56					8.1	25.0				10.0			232		5	194		2	1.32	6930	16	7.8	2830	2310	580	370								0.52	0.39	2	
30	3.37					7.8	23.0				10.0			212		6	103		2	1.36	8280	31	8.3	3060	2440	620	380								0.80	0.22	2	
31	3.21					7.6	20.0				9.8			204		8	116		4	1.4	6170	32	7.9	3120	2610	400	300								1.10	0.17	2	
Tot.	149.15	12	12																	47.64																		
Avg.	4.81	3	3			7.9	23.2				10.1			189		15	118		5	1.537	5775	25.52	7.945	2402	2037	325.8	244.5								0.86	1.51	3	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
45821 FLOW 27783 CBOD 36162 TSS

Mike Stephenson
OPERATOR

9616
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS 0
SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

(502)267-9257
PLANT TELEPHONE



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, Excluding PPI, CSO, Excluding LAT and SSL, 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	1655107	03/11/13 10:36 AM	SIVADO	GRIFFITH	DOCUMENTED	03/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	03/11/13 04:36 PM	

Spot Inspections:

Discharge Amount:	2,300 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1655305
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVE
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

03/11/13 02:13 PM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGN TO AVOID DISCHARGE
03/11/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/11/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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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<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	1657231	03/18/13 08:32 AM	SIVADO	GRIFFITH	DOCUMENTED	03/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	03/18/13 03:20 PM	

Spot Inspections:

Discharge Amount:	31,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657847
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

03/18/13 10:16 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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	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

<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	1655118	03/11/13 01:22 PM	SIVADO	GRIFFITH	DOCUMENTED	08/30/05	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	03/11/13 04:25 PM	

Spot Inspections:

Discharge Amount:	950 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1655310
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

03/11/13 02:21 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
03/11/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/11/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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

<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	1657236	03/18/13 09:10 AM	SIVADO	GRIFFITH	DOCUMENTED	08/30/05	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	03/18/13 01:40 PM	

Spot Inspections:

Discharge Amount:	10,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657828
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

03/18/13 10:23 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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	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	1655111	03/11/13 01:27 PM	SIVADO	GRIFFITH	DOCUMENTED	01/03/05	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	03/11/13 04:22	PM

Spot Inspections:

Discharge Amount:	1,450 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1655307
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

03/11/13 02:17 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
03/11/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/11/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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

<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	1657234	03/18/13 09:10 AM	SIVADO	GRIFFITH	DOCUMENTED	01/03/05	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	03/18/13 01:59 PM	

Spot Inspections:

Discharge Amount:	18,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657834
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

03/18/13 10:21 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
03/18/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/18/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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	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	1655036	03/11/13 08:52 AM	GRIFFITH	GRIFFITH	DOCUMENTED	11/22/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	03/13/13 11:00 AM	

Spot Inspections:

Discharge Amount:	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1655293
Control Zone:	PERMANENT AND TEMPORARY SIGNS PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

03/11/13 01:07 PM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID CONTACT WITH DISCHARGE
03/11/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/11/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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

<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	1656897	03/17/13 05:26 PM	GRIFFITH	GRIFFITH	DOCUMENTED	11/22/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	03/18/13 01:40 PM	

Spot Inspections:

Discharge Amount:	21,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1657963
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

03/17/13 08:38 PM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID CONTACT WITH DISCHARGE
03/17/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/17/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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 SMN Sewer Main	Facility ID 29373	Facility Address 11201 AMPERE CT	If Pump Station, Name of Pump Station:	Receiving Stream CHENOWETH RUN	Discharge to DITCH
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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	1661085	03/26/13 01:00 PM	RICHARDSON	RICHARDSON	REPAIRED - ISSUE RESOLVED	03/26/13	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE-WATER S	03/26/13 04:42	PM

Spot Inspections:

Discharge Amount:	3,330 GAL
Cause:	DAMAGED MAIN SEWER AT CREEK CROSSING, DAMAGE CAUSED BY CREEK WASHOUT/EROSION
Clean Up:	MSD CLEANED THE IMPACTED AREA
Control Zone:	MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE
Impact:	SMALL AMOUNT OF SEWAGE AND DEBRIS VISIBLE IN IMMEDIATE AREA OF BREAK
Repair:	SANITARY CREWS MADE REPAIR TO BROKEN PORTION OF MAIN

Notifications:

03/26/13 01:00 PM	DISPUB	ADVISED CUSTOMER BY TELEPHONE
03/26/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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 SPL Sewer Treatment Plant	Facility ID MSD0255	Facility Address 10725 OLD TAYLORSVILLE RD	If Pump Station, Name of Pump Station:	Receiving Stream CHENOWETH RUN	Discharge to STREAM
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<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	1654779	03/11/13 07:40 AM	SINGLETON	OPS BSHIFT CENTRAL	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE-WATER S	03/12/13 02:11 AM	

Spot Inspections:

Peak Plant Flow when Blending:	21,568,000 GPD
Total Plant Flow when Blending:	16,751,000 GAL
Discharge Amount:	2,821,225 GAL
Cause:	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEAN UP
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.

Notifications:

03/11/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/11/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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

<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	1656877	03/17/13 03:57 PM	MARKS JR	OPS BSHIFT CENTRAL	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE-WATER S	03/19/13 09:41 AM	

Spot Inspections:

Peal Plant Flow when Blending:	16,477,000 GPD
Total Plant Flow when Blending:	25,094,000 GAL
Discharge Amount:	5,348,765 GAL
Cause:	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEAN UP
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.

Notifications:

03/17/13 04:58 PM	DISNOT	msd used signs to warn public
03/17/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/17/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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

<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	1656899	03/17/13 06:11 PM	MARKS JR	OPS BSHIFT CENTRAL	DOCUMENTED	01/14/07	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	03/17/13 06:56 PM	

Spot Inspections:

Discharge Amount:	4,500 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE AND SOLIDS
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

03/17/13 09:21 PM	DISPUB	msd used signs to warn public
03/17/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/17/13 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



Report Selections: Treatment Plant: MSD0255 JEFFERSONTOWN, 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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<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	1656898	03/17/13 07:10 PM	MARKS JR	OPS BSHIFT CENTRAL	DOCUMENTED	01/14/07	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	03/17/13 09:00 PM	

Spot Inspections:

Discharge Amount:	10,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEANUP
Control Zone:	SIGNS POSTED
Impact:	SEWAGE SOLIDS
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

03/17/13 09:15 PM	DISPUB	msd usde signs to warn public
03/17/13 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov
03/17/13 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

Total Facilities Printed: 6

Total Work Orders Printed: 13