



Appendix A-1 - Discharge Work Orders – Dry Weather CSOs





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

KPDES # KY0031712 **Facility ID** MSD0247 **Water Quality Treatment Center** STARVIEW **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	MSD0247	423 BERMUDA WAY		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	1321027	08/13/11 10:05 PM	MARKS JR	BRAZEL	REPAIRED - ISSUE RESOLVED	08/13/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	08/13/11 10:40 PM	

Spot Inspections:

Discharge Amount:	175 GAL
Cause:	LG&E POWERFAIL
Clean Up:	NO CLEANUP
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO VISUAL IMPACT
Repair:	PORTABLE GENERATORS WERE INSTALLED

Notifications:

08/13/11 10:55 PM	DISPUB	msd warned the public with temporary signs
08/13/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/13/11 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 **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
SMN Sewer Main	36603-AG	11524 MAGNOLIA VIEW CT		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>
DISDW: DRY WEATHER DISCHARGE	1331604	08/31/11 07:00 PM	ELDER	OPS CSHIFT	REPAIRED - ISSUE RESOLVED	08/31/11	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE-WATER S	08/31/11 07:05 PM	

Spot Inspections:

Discharge Amount:	50 GAL
Cause:	FORCE MAIN PIPE BROKE
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA
Impact:	CLEAR SEWAGE PERCULATED UP THROUGH THE GROUND
Repair:	SHUT OFF PUMP STATION & HAVING B&H HAUL UNTIL CHEROKEE CAN COMPLETE REPAIRS

Notifications:

08/31/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/31/11 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
09/14/11 02:50 PM	DISPUB	Temporary signs placed around the impacted area to notify the public.



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	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	1345232	09/26/11 05:47 AM	MARKS JR	WRIGHT	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 11:31 AM	

Spot Inspections:

Peak Plant Flow when Blending:	14,185,000 GPD
Total Plant Flow when Blending:	7,750,000 GAL
Discharge Amount:	349,988 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA
Clean Up:	NO CLEAN UP PERFORMED: PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGNS, PIPE DISCHARGING DIRECTLY INTO STREAM
Impact:	NONE OBSERVED - OUTLETS SUBMERGED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

Notifications:

09/26/11 06:56 AM	DISPUB	public notified by permanent signs
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0028801 **Facility ID** MSD0258 **Water Quality Treatment Center** SILVER HEIGHTS **Receiving Stream of Treatment Center** MUD CREEK **Region** WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	61687	3501 GRISSOM WAY		MUD CREEK	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	1345846	09/26/11 12:00 AM	DAVIS	HOLLEY	DOCUMENTED	03/09/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 04:45 AM	MAIN

Spot Inspections:

Discharge Amount:	9,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	CAUTION TAPE AND SIGNS
Impact:	PERSONAL HYGIENE PRODUCTS, SOLIDS, SEWAGE, AND OTHER MISC DEBRIS
Repair:	LOCATION IS INCLUDED IN THE IOAP

Notifications:

09/26/11 04:14 PM	DISPUB	msd advised customers using caution tape and temporary signs
10/12/11 02:03 PM	DISNOT	Manual email notification of unauthorized discharge 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 # KY0078956	Facility ID MSD0277	Water Quality Treatment Center DEREK R. GUTHRIE	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	04699-W	1714 LAMKINS CT		MILL CREEK	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	1345233	09/26/11 03:30 AM	SINGLETON	SPENCER	DOCUMENTED	12/15/07	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 07:45 AM	

Spot Inspections:

Discharge Amount:	9,999 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

09/26/11 03:30 AM	DISPUB	TEMPORARY SIGNS POSTED
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0078956 (Cont'd)
 Facility ID MSD0277
 Water Quality Treatment Center DEREK R. GUTHRIE
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMN Sewer Main	09738	4914 ANDALUSIA LN		PONDER CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1344663	09/22/11 05:18 PM	BIVIN	BIVIN	REPAIRED - ISSUE RESOLVED	09/22/11	ROOTS	UNAUTHORIZED DISCHARGE-WATER S	09/22/11 05:18 PM	MAIN

Spot Inspections:

Discharge Amount:	100 GAL
Cause:	ROOTS IN MAIN SEWER
Clean Up:	VACTORED OUT DRAINAGE MAIN
Control Zone:	TEMPORARY OVERFLOW WARNING SIGNS PLACED AT DRAINAGE MAIN OUTLET
Impact:	OBSERVED SEWAGE IN DRAINAGE MAINLINE, DRAINAGE MAIN MOSTLY OBSTRUCTED, NO SOLIDS OR DEBRIS OBSERVED IN MAIN OR AT OUTFALL
Repair:	WORK ORDERS 1344574 & 1344702 - VACTORED AND ROOT CUT THE MAIN SEWER

Notifications:

09/22/11 05:30 PM	DISPUB	MSD personnel advised customer on site; placed temporary overflow warning signs at outfall of storm line.
09/23/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0078956 (Cont'd)	Facility ID MSD0277	Water Quality Treatment Center DEREK R. GUTHRIE	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD0049-PS	3706 NOBEL CT	ROSA TERRACE	MILL CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1330516	08/29/11 10:00 AM	SINGLETON	KESSEL	DOCUMENTED	06/22/11	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE-WATER S	08/29/11 04:00 PM	

Spot Inspections:

Discharge Amount:	100 GAL
Cause:	FORCE MAIN BREAK
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	ADVISED PROPERTY OWNER TO AVOID DIRECT CONTACT WITH SEWAGE, TEMPORARY SIGNS ALSO PLACED AROUND THE AREA
Impact:	SEWAGE & SOLIDS OBSERVED
Repair:	CONTRACTOR REPAIRED FORCE MAIN & HAULING STATION.

Notifications:

08/29/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/29/11 10:00 AM	DISPUB	TEMPORARY SIGNS PLACED AROUND ATHE AFFECTED AREA; ADVISED CUSTOMER ON SITE.
08/29/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0078956 (Cont'd)
 Facility ID MSD0277
 Water Quality Treatment Center DEREK R. GUTHRIE
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

<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	1345235	09/26/11 03:00 AM	SINGLETON	SPENCER	DOCUMENTED	06/22/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 08:10 AM	

Spot Inspections:

Discharge Amount:	9,999 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED AROUND THE AREA
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 03:00 AM	DISPUB	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	08935-SM	1001 BRECKENRIDGE LN		MIDDLE FORK BEARGRASS CREEK	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	1312716	08/07/11 04:57 AM	GRIFFITH	GRIFFITH	DOCUMENTED	11/29/01	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/07/11 05:10 AM	

Spot Inspections:

Discharge Amount:	1,147 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	CLEANUP NOT POSSIBLE, DISCHARGE PIPE SUBMERGED
Control Zone:	NONE NEEDED-MSD PROPERTY
Impact:	PIPE SUBMERGED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:26 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/07/11 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 # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

<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	1345243	09/26/11 06:13 AM	GRIFFITH	GRIFFITH	DOCUMENTED	11/29/01	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 11:16 AM	

Spot Inspections:

Discharge Amount:	452,913 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NO CLEAN UP POSSIBLE, PIPE DISCHARGE SUBMERGED
Control Zone:	NONE NEEDED-MSD PROPERTY
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 07:13 AM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DISCHARGE
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	104231	4119 LEE AVE		CAMP TAYLOR DITCH	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	1302852	07/20/11 12:07 AM	MITCHELL	GRIFFITH	DOCUMENTED	10/23/07	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/09/11 03:36	PM

Spot Inspections:

Discharge Amount:	4,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1302859
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

07/20/11 08:31 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID DISCHARGED CONTENT
07/20/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd) **Facility ID** MSD0278 **Water Quality Treatment Center** MORRIS FORMAN **Receiving Stream of Treatment Center** OHIO RIVER **Region** WEST

<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	1312705	08/07/11 05:48 AM	MITCHELL	GRIFFITH	DOCUMENTED	10/23/07	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/01/11 01:24 PM	

Spot Inspections:

Discharge Amount:	18,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1312754
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:03 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/07/11 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 # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

<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	1345417	09/26/11 02:15 AM	MITCHELL	GRIFFITH	DOCUMENTED	10/23/07	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/28/11 11:52 AM	

Spot Inspections:

Discharge Amount:	4,800 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1346299
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 08:33 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID 13943	Facility Address 4119 LEE AVE	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	Discharge to 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	1302854	07/20/11 12:08 AM	MITCHELL	GRIFFITH	DOCUMENTED	03/19/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/09/11 03:38 PM	

Spot Inspections:

Discharge Amount:	420 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1302861
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

07/20/11 08:35 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID DISCHARGED CONTENT
07/20/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd) **Facility ID** MSD0278 **Water Quality Treatment Center** MORRIS FORMAN **Receiving Stream of Treatment Center** OHIO RIVER **Region** WEST

<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	1312711	08/07/11 05:30 AM	MITCHELL	GRIFFITH	DOCUMENTED	03/19/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/02/11 08:46 AM	

Spot Inspections:

Discharge Amount:	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1312752
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:10 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/07/11 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 # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

<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	1345420	09/26/11 02:14 AM	MITCHELL	GRIFFITH	DOCUMENTED	03/19/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/28/11 11:53 AM	

Spot Inspections:

Discharge Amount:	1,100 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1346304
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 08:35 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID DISCAHRGE
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	16649	1726 FRASER DR		SOUTH FORK BEARGRASS CREEK	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	1309931	07/30/11 08:17 PM	GRIFFITH	GRIFFITH	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	07/30/11 10:00 PM	

Spot Inspections:

Discharge Amount:	21,254 GAL
Cause:	LACK OF SYSTEM CAPCITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1311556
Control Zone:	PERMANENT SIGNS PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS NOTICED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

07/31/11 09:54 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID DISCHARGED CONTENT
08/01/11 09:02 AM	DISNOT	Manual email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
07/31/11 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 # KY0022411 (Cont'd) **Facility ID** MSD0278 **Water Quality Treatment Center** MORRIS FORMAN **Receiving Stream of Treatment Center** OHIO RIVER **Region** WEST

<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	1312712	08/07/11 05:02 AM	MITCHELL	GRIFFITH	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/07/11 10:00 AM	

Spot Inspections:

Discharge Amount:	33,386 GAL
Cause:	LACK OF CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1315899
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:15 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/07/11 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 # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

<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	1321401	08/13/11 05:30 PM	GRIFFITH	GRIFFITH	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/13/11 05:45 PM	

Spot Inspections:

Discharge Amount:	2,625 GAL
Cause:	LACK OF SYSTEM CAPACITY -HEAVY RAIN
Clean Up:	DISCLN WO# 1321404
Control Zone:	PERMANENT SIGNS AND DOOR HANGERS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/15/11 01:36 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/16/11 08:33 AM	DISNOT	Manual email notification of unauthorized discharge 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 # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

<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	1345193	09/26/11 01:47 AM	GRIFFITH	GRIFFITH	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/29/11 04:00 PM	

Spot Inspections:

Discharge Amount:	11,885 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1346492
Control Zone:	TEMP SIGNS AND CAUTION TAPE PLACED
Impact:	LIGHT IMPACT OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 06:40 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGED CONTENT
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	18471	3107 DELL BROOKE AVE		SOUTH FORK BEARGRASS CREEK	CATCH BASIN

<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	1345194	09/26/11 06:38 AM	BRIGHT	BRIGHT	DOCUMENTED	02/17/00	PUMPED OVERFLOW	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 10:41 AM	

Spot Inspections:

Discharge Amount:	309,800 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	THE MAJORITY OF THIS OVERFLOW CONSISTED PRIMARILY OF STORMWATER WITH SOME SEWAGE.
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

Notifications:

09/26/11 06:46 AM	DISPUB	MSD PERSONNEL PLACED SIGNS
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	18483	3015 BOAIRES LN		SOUTH FORK BEARGRASS CREEK	CATCH BASIN

<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	1345261	09/26/11 07:34 AM	BRIGHT	BRIGHT	DOCUMENTED	02/17/00	PUMPED OVERFLOW	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 09:14 AM	

Spot Inspections:

Discharge Amount:	95,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	THE MAJORITY OF THIS OVERFLOW CONSISTED PRIMARILY OF STORMWATER WITH SOME SEWAGE.
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

Notifications:

09/26/11 07:34 AM	DISPUB	MSD PERSONNEL PLACED SIGNS
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd) **Facility ID** MSD0278 **Water Quality Treatment Center** MORRIS FORMAN **Receiving Stream of Treatment Center** OHIO RIVER **Region** WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	18595	3101 WEDGEWOOD WAY		WEDGEWOOD DITCH	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	1345238	09/26/11 07:00 AM	BRIGHT	BRIGHT	DOCUMENTED	02/17/00	PUMPED OVERFLOW	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 09:26 AM	

Spot Inspections:

Discharge Amount:	138,700 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	THE MAJORITY OF THIS OVERFLOW CONSISTED PRIMARILY OF STORMWATER WITH SOME SEWAGE.
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

Notifications:

09/26/11 07:04 AM	DISPUB	MSD PERSONNEL PLACED SIGNS
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	23211	3302 TROUT CREEK DR		SOUTH FORK BEARGRASS CREEK	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	1345438	09/26/11 05:53 AM	MITCHELL	GRIFFITH	DOCUMENTED	02/22/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 05:31 PM	

Spot Inspections:

Discharge Amount:	56,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1345903
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION ICLUDED IN THE IOAP

Notifications:

09/26/11 08:47 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	26752	3317 BROWNSBORO RD		MUDDY FORK BEARGRASS CREEK	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	1345192	09/26/11 12:59 AM	GRIFFITH	GRIFFITH	DOCUMENTED	04/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 12:34 PM	

Spot Inspections:

Discharge Amount:	156,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1345883
Control Zone:	CAUTION TAPE PLACED AROUND DISCHARGE
Impact:	VERY LIGHT IMPACT OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 06:37 AM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DISCHARGED CONTENT
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	27005	1012 ALTA CIR		MIDDLE FORK BEARGRASS CREEK	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	1345249	09/26/11 04:45 AM	FIELDS	GRIFFITH	DOCUMENTED	09/02/03	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 12:10 PM	

Spot Inspections:

Discharge Amount:	172,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1345888
Control Zone:	CAUTION TAPE, TEMP SIGNS, AND BARRICADES PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 07:18 AM	DISPUB	PUBLIC NOTIFIED THROUGH TEMP SIGNS TO AVOID DISCHARGE
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	37466	900 GAGEL AVE		UPPER MILL CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1308033	07/26/11 04:45 PM	RICHARDSON	RICHARDSON	REPAIRED - ISSUE RESOLVED	07/27/11	OBSTRUCTION-NOT GREASE OR ROOT	UNAUTHORIZED DISCHARGE-WATER S	07/26/11 07:49 PM	MAIN

Spot Inspections:

Discharge Amount:	150 GAL
Cause:	OBSTRUCTION IN MSD MAIN SEWER
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE
Impact:	SEWER WATER COMING FROM THE MSD MANHOLE GOING INTO CREEK
Repair:	WORK ORDERS 1308045, 1308046, 1308115 & 1308117 - ROOT CUT THE MAIN SEWER

Notifications:

07/26/11 04:45 PM	DISPUB	ADVISED CUSTOMER ON SITE AND PLACED DISCHARGE SIGNS
08/02/11 09:23 AM	DISNOT	Manual email notification of unauthorized discharge 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 # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

<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>
DISDW: DRY WEATHER DISCHARGE	1308233	07/27/11 09:00 AM	RICHARDSON	RICHARDSON	REPAIRED - ISSUE RESOLVED	07/27/11	OBSTRUCTION-NOT GREASE OR ROOT	UNAUTHORIZED DISCHARGE-WATER S	07/27/11 12:10 PM	MAIN

Spot Inspections:

Discharge Amount:	600 GAL
Cause:	BROKEN MANHOLE COVER IN THE MAIN SEWER
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE
Impact:	SEWER WATER COMING FROM THE MANHOLE
Repair:	MSD PULLED THE BROKEN MANHOLE OUT OF THE CHANNEL

Notifications:

07/27/11 09:00 AM	DISPUB	ADVISED CUSTOMER ON SITE AND DISCHARGE SIGNS ALREADY PLACED ON SITE
07/27/11 01:01 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	40871	2120 INDIAN HILLS TRL		MUDDY FORK BEARGRASS CREEK	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	1345237	09/26/11 03:30 AM	SINGLETON	BROOKS	DOCUMENTED	03/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 02:40 PM	

Spot Inspections:

Discharge Amount:	10,050 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	RAKED & LIMED AREA
Control Zone:	BARRICADES & TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

09/26/11 03:30 AM	DISPUB	BARRICADES & TEMPORARY SIGNS POSTED
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	40872	2105 INDIAN HILLS TRL		MUDDY FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1345236	09/26/11 03:30 AM	SINGLETON	BROOKS	DOCUMENTED	12/15/07	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 02:40 PM	

Spot Inspections:

Discharge Amount:	33,500 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	RAKED & LIMED THE AREA
Control Zone:	BARRICADES & TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

09/26/11 03:30 AM	DISPUB	BARRICADES & TEMPORARY SIGNS POSTED
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	41374	300 MOCKINGBIRD VALLEY RD		MUDDY FORK BEARGRASS CREEK	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	1345255	09/26/11 02:57 AM	FIELDS	GRIFFITH	DOCUMENTED	03/27/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 12:34 PM	

Spot Inspections:

Discharge Amount:	126,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1345891
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 07:23 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGED CONTENT
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	44396	1635 BELMAR DR		MUDDY FORK BEARGRASS CREEK	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	1345432	09/26/11 05:41 AM	MITCHELL	GRIFFITH	DOCUMENTED	04/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/28/11 12:05 PM	

Spot Inspections:

Discharge Amount:	5,550 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1346320
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCAHRGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 08:43 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID 45835	Facility Address 1132 ROSTREVOR CIR	If Pump Station, Name of Pump Station:	Receiving Stream MIDDLE FORK BEARGRASS CREEK	Discharge to 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	1345247	09/26/11 04:15 AM	FIELDS	GRIFFITH	DOCUMENTED	09/02/03	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 12:00 PM	

Spot Inspections:

Discharge Amount:	155,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1345887
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 07:15 AM	DISPUB	PUBLIC NOTIFIED THROUGH TEMPORARY SIGNS AND BARRICADES TO AVOID DISCHARGE
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	51160	3305 INDIAN CREEK CT		SOUTH FORK BEARGRASS CREEK	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	1345430	09/26/11 06:03 AM	MITCHELL	GRIFFITH	DOCUMENTED	04/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 05:23 PM	

Spot Inspections:

Discharge Amount:	17,200 GAL
Cause:	LACK OF SYSTEM CAPCITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1345895
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 08:41 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	51161	2008 DAVID GRAVES DR		SOUTH FORK BEARGRASS CREEK	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	1345738	09/26/11 05:59 AM	MITCHELL	GRIFFITH	DOCUMENTED	04/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 05:27 PM	

Spot Inspections:

Discharge Amount:	71,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1345902
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 01:54 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
09/26/11 01:00 PM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	51594	1418 TREVILIAN WAY		SOUTH FORK BEARGRASS CREEK	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	1302856	07/19/11 11:50 PM	MITCHELL	GRIFFITH	DOCUMENTED	09/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	07/20/11 01:15 AM	

Spot Inspections:

Discharge Amount:	900 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1302910
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

07/20/11 08:37 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGED CONTENT
07/20/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd) **Facility ID** MSD0278 **Water Quality Treatment Center** MORRIS FORMAN **Receiving Stream of Treatment Center** OHIO RIVER **Region** WEST

<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	1312708	08/07/11 05:30 AM	MITCHELL	GRIFFITH	DOCUMENTED	09/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/07/11 10:10 AM	

Spot Inspections:

Discharge Amount:	4,800 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1312753
Control Zone:	CAUTION TAPE PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/07/11 03:07 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
08/07/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/07/11 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 # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

<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	1345401	09/26/11 02:00 AM	MITCHELL	GRIFFITH	DOCUMENTED	09/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 09:52 AM	

Spot Inspections:

Discharge Amount:	4,400 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1346292
Control Zone:	CAUTION TAPE AND TEMP SIGN PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 08:03 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	65633	4640 BARBOUR LN		LITTLE GOOSE CREEK	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	1339022	09/14/11 09:55 PM	SINGLETON	OPS CSHIFT	DOCUMENTED	04/04/08	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE-WATER S	09/14/11 10:15 PM	

Spot Inspections:

Discharge Amount:	4,000 GAL
Cause:	CONTROL PANEL BREAKER TRIPPED
Clean Up:	MSD CLEANED & LIMED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE, SOLIDS & PERSONAL HYGIENE PRODUCTS OBSERVED
Repair:	MSD PERSONNEL REPAIRED THE CONTROL PANEL BREAKER

Notifications:

09/14/11 09:55 PM	DISPUB	TEMPORARY SIGNS ARE POSTED AROUND THE AFFECTED AREA
09/14/11 01:00 PM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	72267	2501 ALEXANDER RD		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1324054	08/20/11 12:00 PM	MARCONI	KIMBROUGH	REPAIRED - ISSUE RESOLVED	08/20/11	OBSTRUCTION-NOT GREASE OR ROOT	UNAUTHORIZED DISCHARGE-WATER S	08/20/11 05:40 PM	MAIN

Spot Inspections:

Discharge Amount:	7,000 GAL
Cause:	OBSTRUCTION IN DOWNSTREAM SEWER
Clean Up:	DIRECTLY INTO CREEK WILL NOT BE ABLE TO CLEAN
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA AND TAPE
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE
Repair:	BOLT DOWN FRAME AND LID INSTALLED WO1324047

Notifications:

08/20/11 12:00 PM	DISPUB	PLACED SIGNS IN THE AREA
08/20/11 01:00 PM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID 72571-X	Facility Address 4600 CHAMPIONS TRACE LN	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	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	1302043	07/17/11 08:28 PM	FRENCH	GRIFFITH	ELIMINATED	12/19/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	07/17/11 09:31 PM	

Spot Inspections:

Discharge Amount:	96,362 GAL
Cause:	HEAVY RAINFALL FROM SPOTTY AFTERNOON RAIN SHOWERS
Clean Up:	NO CLEANUP REQUIRED, PIPE DISCHARGE SUBMERGED
Control Zone:	NO CONTROL ZONE ESTABLISHED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED, PIPE DISCHARGE SUBMERGED
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP

Notifications:

07/18/11 10:44 AM	DISPUB	Permanent overflow warning signs are posted along the South Fork of Beargrass Creek to notify the public.
07/18/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd) **Facility ID** MSD0278 **Water Quality Treatment Center** MORRIS FORMAN **Receiving Stream of Treatment Center** OHIO RIVER **Region** WEST

<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	1345195	09/26/11 02:34 AM	GRIFFITH	GRIFFITH	ELIMINATED	12/19/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 11:04 AM	

Spot Inspections:

Discharge Amount:	268,696 GAL
Cause:	LACK OF SYSTEM CAPCITY-HEAVY RAIN
Clean Up:	CLEAN UP NOT POSSIBLE, PIPE DISCHARGE SUBMERGED
Control Zone:	PERMANENT SIGNS-MSD PROPERTY
Impact:	NONE OBSERVED-PIPE SUBMERGED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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
10/06/11 03:51 PM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DICHARGED CONTENT



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

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SV Sewer Valve	81405-V	6114 ASHBY LN		MILL CREEK	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	1298252	07/12/11 08:00 PM	ELDER	SPENCER	REPAIRED - ISSUE RESOLVED	07/13/11	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE-WATER S	07/13/11 10:37 AM	

Spot Inspections:

Discharge Amount:	880 GAL
Cause:	MECHANICAL FAILURE OF ARV
Clean Up:	CLEANED & SANITIZED BY CONTRACTOR
Control Zone:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA
Impact:	SEWAGE POOLED ON THE GROUND
Repair:	SHUT OFF WASTE SLUDGE PUMPS @ DRG TO STOP FLOW, & REPLACED ARV VALVE

Notifications:

	DISPUB	Temporary signs placed around affected area
07/13/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SV Sewer Valve	81406-V	6114 ASHBY LN		MILL CREEK	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	1298248	07/12/11 08:00 PM	ELDER	SPENCER	REPAIRED - ISSUE RESOLVED	07/13/11	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE-WATER S	07/13/11 09:52 AM	

Spot Inspections:

Discharge Amount:	630 GAL
Cause:	MECHANICAL FAILURE OF ARV
Clean Up:	CLEANED & SANITIZED BY CONTRACTOR
Control Zone:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA
Impact:	SEWAGE POOLED ON THE GROUND
Repair:	SHUT OFF WASTE SLUDGE PUMPS @ DRG TO STOP FLOW. ARV WAS REPLACED.

Notifications:

	DISPUB	Temporary signs placed around affected area
07/13/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID 89791	Facility Address 37 ARROWHEAD RD	If Pump Station, Name of Pump Station:	Receiving Stream MUDDY FORK BEARGRASS CREEK	Discharge to 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	1345253	09/26/11 03:11 AM	FIELDS	GRIFFITH	DOCUMENTED	06/23/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 12:25 PM	

Spot Inspections:

Discharge Amount:	1,400 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	MSD SANITIZED AND CLEANED THE AREA
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	NO DEBRIS OBSERVED OBSERVED
Repair:	LOCATION ICLUDED IN THE IOAP

Notifications:

09/26/11 07:21 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	CSO019	816 N 34TH ST		OHIO RIVER	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	1335873	09/07/11 01:15 AM	FRENCH	THOMPSON	DOCUMENTED	03/13/11	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE-WATER S	09/07/11 02:19 AM	

Spot Inspections:

Discharge Amount:	48,000 GAL
Cause:	STATION LOST 1 PHASE OF LGE POWER, GENERATOR CAME ON, CONTROLS CIRCUIT BREAKER TRIPPED, CONTROLS DID NOT ALLOW PUMPS TO COME ONLINE.
Clean Up:	NO CLEANUP REQUIRED, PIPE DISCHARGE OUTLET SUBMERGED
Control Zone:	NO CONTROL ZONE ESTABLISHED, PIPE DISCHARGE SUBMERGED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED, PIPE DISCHARGE SUBMERGED
Repair:	MSD PERSONNEL RESET CONTROL POWER, STARTED PUMPS

Notifications:

09/07/11 11:32 AM	DISPUB	Permanent overflow warning signs posted along the Ohio River at points of public access.
09/07/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/07/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	CSO113	1215 ELLISON AVE		SOUTH FORK BEARGRASS CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1322426	08/17/11 12:08 PM	BRIGHT	BRIGHT	REPAIRED - ISSUE RESOLVED	11/30/11	OBSTRUCTION-NOT GREASE OR ROOT	UNAUTHORIZED DISCHARGE-WATER S	08/17/11 12:30 PM	MAIN

Spot Inspections:

Discharge Amount:	22 GAL
Cause:	OBSTRUCTION IN MAIN SEWER
Clean Up:	NO CLEAN UP PERFORMED- PIPE DISCHARGES DIRECTLY INTO STREAM
Control Zone:	NO CONTROL ZONE WAS SET UP. PIPE DISCHARGES DIRECTLY INTO STREAM AND THERE ARE PERMANENT SIGNS IN PLACE THROUGHOUT CHANNEL.
Impact:	SEWAGE/WATER DISCHARGING FROM OVERFLOW PIPE/FLAPGATE
Repair:	FLUSHED/VACTORED THE OBSTRUCTION/DEBRIS FROM SEWER

Notifications:

08/17/11 12:08 PM	DISPUB	PERMANENT SIGNS ALONG THIS PORTION OF CHANNEL ALREADY IN PLACE
08/17/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID CSO146	Facility Address 984 SWAN ST	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1320617	08/11/11 08:15 PM	FRENCH	FRENCH	REPAIRED - ISSUE RESOLVED	08/11/11	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATER S	08/12/11 03:15 AM	

Spot Inspections:

Discharge Amount:	551,760 GAL
Cause:	LWC WATER MAIN BREAK AT EASTERN PKY & CRITTENDEN DR CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW
Clean Up:	NO CLEANUP REQUIRED
Control Zone:	PERMANENT SIGNS POSTED AT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG BEARGRASS CREEK
Impact:	MSD PERSONNEL CHECKED OVERFLOW SITE, NO IMPACT OBSERVED
Repair:	LWC REPAIRING WATER MAIN

Notifications:

08/12/11 12:44 PM	DISPUB	Public notified to avoid contact with Beargrass Creek through Overflow Advisory posted on the MSD website.
08/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID CSO174	Facility Address 933 GOSS AVE	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1320616	08/11/11 08:00 PM	FRENCH	FRENCH	REPAIRED - ISSUE RESOLVED	08/11/11	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATER S	08/11/11 09:15 PM	

Spot Inspections:

Discharge Amount:	133,708 GAL
Cause:	LWC WATER MAIN BREAK AT EASTERN PKY & CRITTENDEN DR CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW
Clean Up:	NO CLEANUP REQUIRED
Control Zone:	PERMANENT SIGNS POSTED AT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG BEARGRASS CREEK
Impact:	MSD PERSONNEL CHECKED OVERFLOW SITE, NO IMPACT OBSERVED
Repair:	LWC REPAIRING WATER MAIN

Notifications:

08/12/11 12:45 PM	DISPUB	Public notified to avoid contact with Beargrass Creek through Overflow Advisory posted on the MSD website.
08/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	CSO211	1400 CECIL AVE		OHIO RIVER	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>
DISDW: DRY WEATHER DISCHARGE	1297841	07/11/11 09:30 PM	FRENCH	FRENCH	DOCUMENTED	11/22/03	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATER S	07/11/11 11:45	PM

Spot Inspections:

Discharge Amount:	202,188 GAL
Cause:	LWC 48" WATER MAIN BREAK CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW, RESULTING IN A DRY WEATHER CSO AT THE MAIN DIVERSION
Clean Up:	NO CLEANUP REQUIRED, PIPE DISCHARGE SUBMERGED
Control Zone:	PERMANENT SIGNS POSTED ALONG OHIO RIVER
Impact:	VISUAL IMPACT NOT OBSERVED, PIPE DISCHARGE SUBMERGED
Repair:	LWC WORKING ON REPAIRS TO WATER MAIN

Notifications:

07/12/11 11:58 AM	DISPUB	Public notified to avoid contact with impacted river through Overflow Advisory posted on the MSD website.
07/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
07/12/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SLS Sewer Lift Station	Facility ID MSD0012-PS	Facility Address 2853 HIKES LN	If Pump Station, Name of Pump Station: HIGHGATE SPRINGS	Receiving Stream SOUTH FORK BEARGRASS CREEK	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	1345239	09/26/11 02:03 AM	MARKS JR	WRIGHT	DOCUMENTED	12/16/00	PUMPED OVERFLOW	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 12:48 PM	

Spot Inspections:

Discharge Amount:	90,630 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA
Clean Up:	NO CLEAN UP PERFORMED: PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGNS, - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Impact:	NONE OBSERVED - OUTLETS SUBMERGED
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN FOR ABATEMENT

Notifications:

09/26/11 07:11 AM	DISPUB	msd warned the public with signs
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD0042-PS	1701 SONNE AVE	SONNE AVE	PADDY 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	1345478	09/26/11 02:55 AM	SINGLETON	SPENCER	ELIMINATED	06/30/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 08:00 AM	

Spot Inspections:

Discharge Amount:	6,100 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA.
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

09/26/11 02:55 AM	DISPUB	TEMPORARY SIGNS PLACED
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD0123-PS	6600 SEMINARY WOODS PL	WEST GOOSE CREEK	GOOSE CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1311582	08/03/11 10:43 AM	SINGLETON	BROOKS	DOCUMENTED	09/28/02	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE-WATER S	08/03/11 10:46 AM	

Spot Inspections:

Discharge Amount:	2,100 GAL
Cause:	ELECTRICAL ISSUES WITH THE PHASE MONITOR
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACE AROUND THE IMPACTED AREA
Impact:	MINIMUM AMOUNT OF SOLIDS AND DEBRIS OBSERVED AT PUMP STATION
Repair:	MSD CREW REPAIRING THE PHASE MONITOR

Notifications:

08/03/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/14/11 10:55 AM	DISPUB	Public notification was made with the use of temporary signs.



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

KPDES # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0278	4522 ALGONQUIN PKY		OHIO RIVER	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>
DISDW: DRY WEATHER DISCHARGE	1297907	07/11/11 08:38 PM	FRENCH	GALARDI	REPAIRED - ISSUE RESOLVED	11/30/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	07/12/11 07:00 AM	

Spot Inspections:

Discharge Amount:	1,700,000 GAL
Cause:	LWC 48" WATER MAIN BREAK CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW, REQUIRING MFWQTC TO BYPASS SECONDARY
Clean Up:	NO CLEANUP REQUIRED, TOTAL BYPASSED FLOW RECEIVED PRELIMINARY, PRIMARY, DISINFECTION AND DECHLORINATION AS PART OF THE TREATMENT PROCESS
Control Zone:	PERMANENT SIGNS POSTED AT THE EFFLUENT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG THE OHIO RIVER
Impact:	VISUAL IMPACT NOT OBSERVED, PIPE DISCHARGE SUBMERGED
Repair:	LWC WORKING ON REPAIRS TO WATER MAIN

Notifications:

07/12/11 12:00 PM	DISPUB	Public notified to avoid contact with impacted river through Overflow Advisory posted on the MSD website.
07/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0022411 (Cont'd)
 Facility ID MSD0278
 Water Quality Treatment Center MORRIS FORMAN
 Receiving Stream of Treatment Center OHIO RIVER
 Region WEST

<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>
DISDW: DRY WEATHER DISCHARGE	1320542	08/11/11 11:03 PM	FRENCH	GALARDI	REPAIRED - ISSUE RESOLVED	11/30/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	08/12/11 12:16 AM	

Spot Inspections:

Discharge Amount:	1,500,000 GAL
Cause:	LWC WATER MAIN BREAK AT EASTERN PKY & CRITTENDEN DR CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW, REQUIRING MFWQTC TO BYPASS SECONDARY
Clean Up:	NO CLEANUP REQUIRED, TOTAL BYPASSED FLOW RECEIVED PRELIMINARY, PRIMARY, DISINFECTION AND DECHLORINATION AS PART OF THE TREATMENT PROCESS
Control Zone:	PERMANENT SIGNS POSTED AT THE EFFLUENT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG THE OHIO RIVER
Impact:	VISUAL IMPACT NOT OBSERVED, PIPE DISCHARGE SUBMERGED
Repair:	LWC REPAIRING WATER MAIN

Notifications:

08/12/11 10:49 AM	DISPUB	Public notified to avoid contact with impacted river through Overflow Advisory posted on the MSD website.
08/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0098540 **Facility ID** MSD0289 **Water Quality Treatment Center** CEDAR CREEK **Receiving Stream of Treatment Center** CEDAR CREEK **Region** CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0289	8605 CEDAR CREEK RD		CEDAR CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1316305	08/11/11 03:50 AM	ELDER	SPENCER	DOCUMENTED	03/09/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	08/11/11 03:56 AM	

Spot Inspections:

Discharge Amount:	4,209 GAL
Cause:	UV3000 PLUS SHUT DOWN
Clean Up:	NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGNS POSTED IN AREA
Impact:	NO IMPACT OBSERVED - PIPE DISCHARGING DIRECTLY INTO STREAM
Repair:	MANUALLY STARTED UV 3000 PLUS

Notifications:

	DISPUB	PERMANANT SIGNS POSTED IN AREA http://www.msdlouky.org/projectwin/
08/11/11 01:00 AM	DISNOT	Email notification of unauthorized discharge 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 # KY0029106	Facility ID MSD0291	Water Quality Treatment Center HUNTING CREEK NORTH	Receiving Stream of Treatment Center HARRODS CREEK	Region EAST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD1055-LS	6709 GUNPOWDER LN	GUNPOWDER	HARRODS CREEK	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	1345412	09/26/11 02:20 AM	SINGLETON	SPENCER	DOCUMENTED	01/24/02	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 09:54 AM	

Spot Inspections:

Discharge Amount:	267,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	RAKED & LIMED AREA
Control Zone:	CONES & TEMPORARY SIGNS PLACED
Impact:	DEBRIS, SEWAGE & SOLIDS OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

09/26/11 02:20 AM	DISPUB	CONES & TEMPORARY SIGNS PLACED
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0029114
 Facility ID MSD0292
 Water Quality Treatment Center HUNTING CREEK SOUTH
 Receiving Stream of Treatment Center HARRODS CREEK
 Region EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD1063-PS	6210 DEEP CREEK CT	DEEP CREEK	HARRODS CREEK	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	1345410	09/26/11 03:55 AM	SINGLETON	SPENCER	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 01:45 PM	

Spot Inspections:

Discharge Amount:	26,250 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	RAKED & LIMED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

09/26/11 03:55 AM	DISPUB	TEMPORARY SIGNS POSTED
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0102784 **Facility ID** MSD0294 **Water Quality Treatment Center** FLOYDS FORK **Receiving Stream of Treatment Center** FLOYDS FORK **Region** EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0294	1100 BLUE HERON RD		FLOYDS FORK	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>
DISDW: DRY WEATHER DISCHARGE	1315318	08/08/11 11:55 PM	ELDER	SPENCER	REPAIRED - ISSUE RESOLVED	08/08/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	08/09/11 12:15 AM	

Spot Inspections:

Discharge Amount:	49,884 GAL
Cause:	UV SYSTEM FAILURE, COOLANT HOSE BURST & SYSTEM OVERHEATED & SHUT DOWN
Clean Up:	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGNS ALONG CREEK, WWW PAGE UPDATED
Impact:	NONE OBSERVED
Repair:	RESTARTED UV SYSTEM MANUALLY

Notifications:

	DISPUB	PERMANENT SIGNS ALONG CREEK, WWW PAGE UPDATED project WIN
08/09/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/09/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0042226	Facility ID MSD0403	Water Quality Treatment Center CHENOWETH RUN	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
SMN Sewer Main	80377B-AG	605 WOODLAKE DR		CHENOWETH RUN,UPPER	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>
DISDW: DRY WEATHER DISCHARGE	1292638	07/02/11 11:15 PM	ELDER	BRAZEL	REPAIRED - ISSUE RESOLVED	07/02/11	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE-WATER S	07/02/11 11:50 PM	

Spot Inspections:

Discharge Amount:	35 GAL
Cause:	STRUCTURE FAILURE, FORCE MAIN PIPE BROKEN UNDER GROUND
Clean Up:	TO BE CLEANED & SANITIZED BY CONTRACTOR WHEN REPAIRS ARE MADE
Control Zone:	TEMPORARY SIGNS PLACED AROUND AREA
Impact:	SEWAGE ON THE GROUND AT THE SITE
Repair:	SHUT OFF ONE OF DUAL FORCE MAINS AT BECKLEY STATION PS

Notifications:

	DISPUB	TEMPORARY SIGNS PLACED AROUND AREA
07/02/11 01:00 PM	DISNOT	Email notification of unauthorized discharge 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 # KY0031810 **Facility ID** MSD0404 **Water Quality Treatment Center** SHADOW WOOD **Receiving Stream of Treatment Center** HARRODS CREEK **Region** EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0404	5489 FOREST LAKE DR		HARRODS CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1308246	07/27/11 12:15 PM	ELDER	THOMPSON	REPAIRED - ISSUE RESOLVED	07/27/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	07/27/11 04:39 PM	

Spot Inspections:

Discharge Amount:	1,832 GAL
Cause:	EROSION OF THE LAGOON WALL
Clean Up:	DISCHARGING DIRECTLY TO STREAM, NO CLEANUP POSSIBLE
Control Zone:	TEMPORARY SIGNS AROUND AFFECTED AREA
Impact:	CLEAR UNCHLORINATED EFFLUENT WATER
Repair:	CHEROKEE CALLED TO MAKE REPAIRS

Notifications:

	DISPUB	Temporary signs placed around affected area
07/27/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
07/27/11 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

Total Facilities Printed: 47

Total Work Orders Printed: 61



Appendix A-2 - Discharge Work Orders – Bypass





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

KPDES # KY0031712 **Facility ID** MSD0247 **Water Quality Treatment Center** STARVIEW **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	MSD0247	423 BERMUDA WAY		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	1321027	08/13/11 10:05 PM	MARKS JR	BRAZEL	REPAIRED - ISSUE RESOLVED	08/13/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	08/13/11 10:40 PM	

Spot Inspections:

Discharge Amount:	175 GAL
Cause:	LG&E POWERFAIL
Clean Up:	NO CLEANUP
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO VISUAL IMPACT
Repair:	PORTABLE GENERATORS WERE INSTALLED

Notifications:

08/13/11 10:55 PM	DISPUB	msd warned the public with temporary signs
08/13/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/13/11 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, Prob Code: BYPAS, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022411	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0278	4522 ALGONQUIN PKY		OHIO RIVER	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>
DISDW: DRY WEATHER DISCHARGE	1297907	07/11/11 08:38 PM	FRENCH	GALARDI	REPAIRED - ISSUE RESOLVED	11/30/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	07/12/11 07:00 AM	

Spot Inspections:

Discharge Amount:	1,700,000 GAL
Cause:	LWC 48" WATER MAIN BREAK CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW, REQUIRING MFWQTC TO BYPASS SECONDARY
Clean Up:	NO CLEANUP REQUIRED, TOTAL BYPASSED FLOW RECEIVED PRELIMINARY, PRIMARY, DISINFECTION AND DECHLORINATION AS PART OF THE TREATMENT PROCESS
Control Zone:	PERMANENT SIGNS POSTED AT THE EFFLUENT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG THE OHIO RIVER
Impact:	VISUAL IMPACT NOT OBSERVED, PIPE DISCHARGE SUBMERGED
Repair:	LWC WORKING ON REPAIRS TO WATER MAIN

Notifications:

07/12/11 12:00 PM	DISPUB	Public notified to avoid contact with impacted river through Overflow Advisory posted on the MSD website.
07/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES # KY0022411 (Cont'd) **Facility ID** MSD0278 **Water Quality Treatment Center** MORRIS FORMAN **Receiving Stream of Treatment Center** OHIO RIVER **Region** WEST

<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>
DISDW: DRY WEATHER DISCHARGE	1320542	08/11/11 11:03 PM	FRENCH	GALARDI	REPAIRED - ISSUE RESOLVED	11/30/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	08/12/11 12:16 AM	

Spot Inspections:

Discharge Amount:	1,500,000 GAL
Cause:	LWC WATER MAIN BREAK AT EASTERN PKY & CRITTENDEN DR CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW, REQUIRING MFWQTC TO BYPASS SECONDARY
Clean Up:	NO CLEANUP REQUIRED, TOTAL BYPASSED FLOW RECEIVED PRELIMINARY, PRIMARY, DISINFECTION AND DECHLORINATION AS PART OF THE TREATMENT PROCESS
Control Zone:	PERMANENT SIGNS POSTED AT THE EFFLUENT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG THE OHIO RIVER
Impact:	VISUAL IMPACT NOT OBSERVED, PIPE DISCHARGE SUBMERGED
Repair:	LWC REPAIRING WATER MAIN

Notifications:

08/12/11 10:49 AM	DISPUB	Public notified to avoid contact with impacted river through Overflow Advisory posted on the MSD website.
08/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES # KY0098540 **Facility ID** MSD0289 **Water Quality Treatment Center** CEDAR CREEK **Receiving Stream of Treatment Center** CEDAR CREEK **Region** CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0289	8605 CEDAR CREEK RD		CEDAR CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1316305	08/11/11 03:50 AM	ELDER	SPENCER	DOCUMENTED	03/09/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	08/11/11 03:56 AM	

Spot Inspections:

Discharge Amount:	4,209 GAL
Cause:	UV3000 PLUS SHUT DOWN
Clean Up:	NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGNS POSTED IN AREA
Impact:	NO IMPACT OBSERVED - PIPE DISCHARGING DIRECTLY INTO STREAM
Repair:	MANUALLY STARTED UV 3000 PLUS

Notifications:

	DISPUB	PERMANANT SIGNS POSTED IN AREA http://www.msdlouky.org/projectwin/
08/11/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES # KY0102784	Facility ID MSD0294	Water Quality Treatment Center FLOYDS FORK	Receiving Stream of Treatment Center FLOYDS FORK	Region EAST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0294	1100 BLUE HERON RD		FLOYDS FORK	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>
DISDW: DRY WEATHER DISCHARGE	1315318	08/08/11 11:55 PM	ELDER	SPENCER	REPAIRED - ISSUE RESOLVED	08/08/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	08/09/11 12:15 AM	

Spot Inspections:

Discharge Amount:	49,884 GAL
Cause:	UV SYSTEM FAILURE, COOLANT HOSE BURST & SYSTEM OVERHEATED & SHUT DOWN
Clean Up:	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGNS ALONG CREEK, WWW PAGE UPDATED
Impact:	NONE OBSERVED
Repair:	RESTARTED UV SYSTEM MANUALLY

Notifications:

	DISPUB	PERMANENT SIGNS ALONG CREEK, WWW PAGE UPDATED project WIN
08/09/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/09/11 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, Excluding LAT and SSL, Prob Code: BYPAS, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0031810 **Facility ID** MSD0404 **Water Quality Treatment Center** SHADOW WOOD **Receiving Stream of Treatment Center** HARRODS CREEK **Region** EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0404	5489 FOREST LAKE DR		HARRODS CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1308246	07/27/11 12:15 PM	ELDER	THOMPSON	REPAIRED - ISSUE RESOLVED	07/27/11	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	07/27/11 04:39 PM	

Spot Inspections:

Discharge Amount:	1,832 GAL
Cause:	EROSION OF THE LAGOON WALL
Clean Up:	DISCHARGING DIRECTLY TO STREAM, NO CLEANUP POSSIBLE
Control Zone:	TEMPORARY SIGNS AROUND AFFECTED AREA
Impact:	CLEAR UNCHLORINATED EFFLUENT WATER
Repair:	CHEROKEE CALLED TO MAKE REPAIRS

Notifications:

	DISPUB	Temporary signs placed around affected area
07/27/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
07/27/11 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

Total Facilities Printed: 5
Total Work Orders Printed: 6

Appendix A-3 - Discharge Work Orders – Blending



Report Selections: Excluding PPI, CSO, Excluding LAT and SSL, Prob Code: BLEND, 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

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	1345232	09/26/11 05:47 AM	MARKS JR	WRIGHT	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 11:31 AM	

Spot Inspections:

Peak Plant Flow when Blending:	14,185,000 GPD
Total Plant Flow when Blending:	7,750,000 GAL
Discharge Amount:	349,988 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA
Clean Up:	NO CLEAN UP PERFORMED: PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGNS, PIPE DISCHARGING DIRECTLY INTO STREAM
Impact:	NONE OBSERVED - OUTLETS SUBMERGED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

Notifications:

09/26/11 06:56 AM	DISPUB	public notified by permanent signs
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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: 1

Appendix A-4 - Discharge Work Orders – Waters of the United States



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

KPDES # KY0022411	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	CSO113	1215 ELLISON AVE		SOUTH FORK BEARGRASS CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1322426	08/17/11 12:08 PM	BRIGHT	BRIGHT	REPAIRED - ISSUE RESOLVED	11/30/11	OBSTRUCTION-NOT GREASE OR ROOT	UNAUTHORIZED DISCHARGE-WATER S	08/17/11 12:30 PM	MAIN

Spot Inspections:

Discharge Amount:	22 GAL
Cause:	OBSTRUCTION IN MAIN SEWER
Clean Up:	NO CLEAN UP PERFORMED- PIPE DISCHARGES DIRECTLY INTO STREAM
Control Zone:	NO CONTROL ZONE WAS SET UP. PIPE DISCHARGES DIRECTLY INTO STREAM AND THERE ARE PERMANENT SIGNS IN PLACE THROUGHOUT CHANNEL.
Impact:	SEWAGE/WATER DISCHARGING FROM OVERFLOW PIPE/FLAPGATE
Repair:	FLUSHED/VACTORED THE OBSTRUCTION/DEBRIS FROM SEWER

Notifications:

08/17/11 12:08 PM	DISPUB	PERMANENT SIGNS ALONG THIS PORTION OF CHANNEL ALREADY IN PLACE
08/17/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type SMH Sewer Manhole	Facility ID CSO146	Facility Address 984 SWAN ST	If Pump Station, Name of Pump Station:	Receiving Stream SOUTH FORK BEARGRASS CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1320617	08/11/11 08:15 PM	FRENCH	FRENCH	REPAIRED - ISSUE RESOLVED	08/11/11	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATER S	08/12/11 03:15 AM	

Spot Inspections:

Discharge Amount:	551,760 GAL
Cause:	LWC WATER MAIN BREAK AT EASTERN PKY & CRITTENDEN DR CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW
Clean Up:	NO CLEANUP REQUIRED
Control Zone:	PERMANENT SIGNS POSTED AT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG BEARGRASS CREEK
Impact:	MSD PERSONNEL CHECKED OVERFLOW SITE, NO IMPACT OBSERVED
Repair:	LWC REPAIRING WATER MAIN

Notifications:

08/12/11 12:44 PM	DISPUB	Public notified to avoid contact with Beargrass Creek through Overflow Advisory posted on the MSD website.
08/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	CSO174	933 GOSS AVE		SOUTH FORK BEARGRASS CREEK	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>
DISDW: DRY WEATHER DISCHARGE	1320616	08/11/11 08:00 PM	FRENCH	FRENCH	REPAIRED - ISSUE RESOLVED	08/11/11	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATER S	08/11/11 09:15 PM	

Spot Inspections:

Discharge Amount:	133,708 GAL
Cause:	LWC WATER MAIN BREAK AT EASTERN PKY & CRITTENDEN DR CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW
Clean Up:	NO CLEANUP REQUIRED
Control Zone:	PERMANENT SIGNS POSTED AT OUTFALL AND POINTS OF PUBLIC ACCESS ALONG BEARGRASS CREEK
Impact:	MSD PERSONNEL CHECKED OVERFLOW SITE, NO IMPACT OBSERVED
Repair:	LWC REPAIRING WATER MAIN

Notifications:

08/12/11 12:45 PM	DISPUB	Public notified to avoid contact with Beargrass Creek through Overflow Advisory posted on the MSD website.
08/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Water Quality Treatment Center MORRIS FORMAN	Receiving Stream of Treatment Center OHIO RIVER	Region WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	CSO211	1400 CECIL AVE		OHIO RIVER	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>
DISDW: DRY WEATHER DISCHARGE	1297841	07/11/11 09:30 PM	FRENCH	FRENCH	DOCUMENTED	11/22/03	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATER S	07/11/11 11:45	PM

Spot Inspections:

Discharge Amount:	202,188 GAL
Cause:	LWC 48" WATER MAIN BREAK CAUSED A SUBSTANTIAL INCREASE IN SEWER FLOW, RESULTING IN A DRY WEATHER CSO AT THE MAIN DIVERSION
Clean Up:	NO CLEANUP REQUIRED, PIPE DISCHARGE SUBMERGED
Control Zone:	PERMANENT SIGNS POSTED ALONG OHIO RIVER
Impact:	VISUAL IMPACT NOT OBSERVED, PIPE DISCHARGE SUBMERGED
Repair:	LWC WORKING ON REPAIRS TO WATER MAIN

Notifications:

07/12/11 11:58 AM	DISPUB	Public notified to avoid contact with impacted river through Overflow Advisory posted on the MSD website.
07/12/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
07/12/11 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: 4
Total Work Orders Printed: 4