



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





Report Selections: Asset: CSO, 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	CSO020	147 BUCHANAN 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	1527595	07/27/12 11:15 PM	THOMPSON	OPS FLOOD PS	REPAIRED - ISSUE RESOLVED	07/28/12	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE-WATER S	07/28/12 12:25 AM	

Spot Inspections:

Discharge Amount:	1,700,000 GAL
Cause:	DURING RAIN EVENT LG&E POLE INSULATOR SHORTED AND CAUSED THE STARKEY PS TO LOOSE POWER.
Clean Up:	OVERFLOW OCCURED OVER CSO 020 AND THAT PIPE IS SUBMERGED IN THE OHIO RIVER. NO CLEANUP REQUIRED.
Control Zone:	NONE REQUIRED. PIPE IS SUBMERGED IN THE OHIO RIVER
Impact:	PIPE IS SUBMERGED IN THE OHIO RIVER
Repair:	LG&E ISOLATED THE STARKEY SERVICE FROM THE DAMAGED INSULATOR AND RESTORED POWER.

Notifications:

07/27/12 11:15 AM	DISPUB	public notified via permanent signs located at the CSO 020 outfall
07/28/12 06:22 AM	DISPUB	Dischage published to the Project Win Overflow Advisory on the website.
07/28/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov



Report Selections: Asset: CSO, 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	CSO148	1169 EASTERN PKY		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	1556636	09/12/12 01:25 PM	BRIGHT	BRIGHT	REPAIRED - ISSUE RESOLVED	09/12/12	OBSTRUCTION-NOT GREASE OR ROOT	UNAUTHORIZED DISCHARGE-WATER S	09/12/12 01:43 PM	

Spot Inspections:

Discharge Amount:	180 GAL
Cause:	BLOCKAGE IN LINE UPSTREAM OF SIPHON AND DOWNSTREAM OF CSO
Clean Up:	NO CLEAN UP OVERFLOW WENT STRAIGHT TO BEARGRASS CREEK
Control Zone:	PERMANENT SIGNS ARE POSTED IN IMPROVED CHANNEL AT POINT OF DISCHARGE AND DOWNSTREAM TO RIVER.
Impact:	MOSTLY CLEAR WATER OVERFLOWING TO BEARGRASS CREEK WITH SOME EVIDENCE OF SEWAGE
Repair:	LINE WAS FLUSHED AND CLEARED BLOCKAGE

Notifications:

09/12/12 01:43 PM	DISPUB	ADVISED CUSTOMERS ON SITE
09/12/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov

Total Facilities Printed: 2

Total Work Orders Printed: 2

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 # 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	1553336	09/08/12 07:45 AM	MARKS JR	OPS ASHIFT	DOCUMENTED	01/14/07	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	09/08/12 08:00 AM	

Spot Inspections:

Discharge Amount:	1,500 GAL
Cause:	BLOWERS RUNNING WITH HIGH FLOW DURING RAIN EVENT
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SOILS ON GROUND AND GRASS
Repair:	TURNT OFF BLOWERS DURING HIGH FLOW

Notifications:

09/08/12 09:30 AM	DISPUB	MSD USED SIGNS TO WARN PUBLIC
09/08/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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 # KY0025194 (Cont'd) **Facility ID** MSD0255 **Water Quality Treatment Center** JEFFERSONTOWN **Receiving Stream of Treatment Center** CHENOWETH RUN **Region** CENT

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISREV: RAIN EVENT DISCHARGE	1553351	09/08/12 09:40 AM	MARKS JR	OPS BSHIFT CENTRAL	DOCUMENTED	01/14/07	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	09/08/12 10:00 AM	

Spot Inspections:

Discharge Amount:	2,000 GAL
Cause:	#7 AERATION BASIN OVERFLOWED FROM ALL 4 PUMPS RUNNING AT THE SAME TIME
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SOLIDS OBSERVED ON THE GROUND
Repair:	ADJUSTED PUMP AND PLANT FLOW PER WET WEATHER SOP

Notifications:

09/08/12 11:52 AM	DISPUB	MSD USED SIGNS TO WARN THE PUBLIC
09/08/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov

Total Facilities Printed: 1
Total Work Orders Printed: 2

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	1553353	09/08/12 10:04 AM	MARKS JR	OPS BSHIFT CENTRAL	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE-WATER S	09/08/12 01:15 PM	

Spot Inspections:

Peak Plant Flow when Blending:	11,830,000 GPD
Total Plant Flow when Blending:	7,558,000 GAL
Discharge Amount:	49,387 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEAN UP
Control Zone:	PIPE DISCHARGE SUBMERGED. PERMANENT SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	NEGOTIATIONS UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION.

Notifications:

09/08/12 11:56 AM	DISPUB	MSD USED SIGNS TO WARN PUBLIC
09/08/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
09/08/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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: 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
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	1553336	09/08/12 07:45 AM	MARKS JR	OPS ASHIFT	DOCUMENTED	01/14/07	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	09/08/12 08:00 AM	

Spot Inspections:

Discharge Amount:	1,500 GAL
Cause:	BLOWERS RUNNING WITH HIGH FLOW DURING RAIN EVENT
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SOILS ON GROUND AND GRASS
Repair:	TURNT OFF BLOWERS DURING HIGH FLOW

Notifications:

09/08/12 09:30 AM	DISPUB	MSD USED SIGNS TO WARN PUBLIC
09/08/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov



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

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

<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	1553351	09/08/12 09:40 AM	MARKS JR	OPS BSHIFT CENTRAL	DOCUMENTED	01/14/07	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	09/08/12 10:00 AM	

Spot Inspections:

Discharge Amount:	2,000 GAL
Cause:	#7 AERATION BASIN OVERFLOWED FROM ALL 4 PUMPS RUNNING AT THE SAME TIME
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SOLIDS OBSERVED ON THE GROUND
Repair:	ADJUSTED PUMP AND PLANT FLOW PER WET WEATHER SOP

Notifications:

09/08/12 11:52 AM	DISPUB	MSD USED SIGNS TO WARN THE PUBLIC
09/08/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov



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

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

<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	1553353	09/08/12 10:04 AM	MARKS JR	OPS BSHIFT CENTRAL	DOCUMENTED	01/14/07	BLENDING AT JTOWN WQTC	UNAUTHORIZED DISCHARGE-WATER S	09/08/12 01:15 PM	

Spot Inspections:

Peal Plant Flow when Blending:	11,830,000 GPD
Total Plant Flow when Blending:	7,558,000 GAL
Discharge Amount:	49,387 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEAN UP
Control Zone:	PIPE DISCHARGE SUBMERGED. PERMANENT SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	NEGOTIATIONS UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION.

Notifications:

09/08/12 11:56 AM	DISPUB	MSD USED SIGNS TO WARN PUBLIC
09/08/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
09/08/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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	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	1521944	07/14/12 02:35 PM	MITCHELL	GRIFFITH	DOCUMENTED	10/23/07	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	07/17/12 05:01 PM	

Spot Inspections:

Discharge Amount:	6,300 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISLCN WO# 1522162
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	VERY LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

07/14/12 09:43 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
07/14/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
07/14/12 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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	1524649	07/19/12 07:53 PM	DICKERSON	GRIFFITH	DOCUMENTED	10/23/07	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	07/19/12 09:30 PM	

Spot Inspections:

Discharge Amount:	3,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1524615
Control Zone:	NO MITIGATION SET UP
Impact:	MODERATE DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

07/20/12 09:26 AM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS IN AREA TO AVOID CONTACT WITH DISCHARGE
07/20/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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	1535621	08/04/12 02:25 PM	GRIFFITH	GRIFFITH	DOCUMENTED	10/23/07	ROOTS	UNAUTHORIZED DISCHARGE-WATER S	08/07/12 03:49 PM	

Spot Inspections:

Discharge Amount:	3,750 GAL
Cause:	ROOTS IN SEGMENT 44396 44397 AND CITY POOL BEING DRAINED CAUSED A DISCHARGE AT THIS LOCATION.
Clean Up:	DISCLN WO# 1535622
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	MSD MAINTENANCE CREWS ROOT CUT AND CLEARED THE LINE.

Notifications:

08/04/12 09:01 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID DISCHARGED CONTENT
08/04/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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	13943	4119 LEE AVE		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	1521945	07/14/12 03:05 PM	MITCHELL	GRIFFITH	DOCUMENTED	03/19/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	07/17/12 05:02 PM	

Spot Inspections:

Discharge Amount:	360 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1522165
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

07/14/12 09:47 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
07/14/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
07/14/12 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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	1535623	08/04/12 02:25 PM	GRIFFITH	GRIFFITH	DOCUMENTED	03/19/08	ROOTS	UNAUTHORIZED DISCHARGE-WATER S	08/07/12 03:48 PM	

Spot Inspections:

Discharge Amount:	3,750 GAL
Cause:	ROOTS IN SEGMENT 44396 44397 AND CITY POOL BEING DRAINED CAUSED A DISCHARGE AT THIS LOCATION.
Clean Up:	DISCLN WO# 1535624
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	MSD MAINTENANCE CREWS ROOT CUT AND CLEARED THE LINE.

Notifications:

08/04/12 09:14 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGED CONTENT
08/04/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1521947	07/14/12 02:58 PM	MITCHELL	GRIFFITH	DOCUMENTED	09/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	07/14/12 05:48 PM	

Spot Inspections:

Discharge Amount:	2,700 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1522176
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

07/14/12 09:54 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
07/14/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
07/14/12 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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	1542768	08/16/12 10:05 PM	MITCHELL	GRIFFITH	DOCUMENTED	09/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	08/17/12 12:33 AM	

Spot Inspections:

Discharge Amount:	6,300 GAL
Cause:	LACK OF SYSTEM CAPCACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1542770
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

08/17/12 08:18 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE
08/17/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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	1550108	09/02/12 01:57 PM	MITCHELL	GRIFFITH	DOCUMENTED	09/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/02/12 03:59 PM	

Spot Inspections:

Discharge Amount:	100 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NONE NEEDED - MSD CLEANED AREA
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	VERY LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/03/12 11:23 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGE
09/03/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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	1553399	09/08/12 12:49 AM	MITCHELL	GRIFFITH	DOCUMENTED	09/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/08/12 01:59 AM	

Spot Inspections:

Discharge Amount:	100 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1553400
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/08/12 09:00 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID DISCHARGE
10/02/12 10:29 AM	DISNOT	Manual email notification of unauthorized discharge sent to sayre.dennis@epamail.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	1564339	09/26/12 10:30 PM	MITCHELL	GRIFFITH	DOCUMENTED	09/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/29/12 11:15 AM	

Spot Inspections:

Discharge Amount:	4,500 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1565819
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

09/27/12 07:02 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS PLACED TO AVOID DISCHARGE
09/27/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
09/27/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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	CSO020	147 BUCHANAN 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	1527595	07/27/12 11:15 PM	THOMPSON	OPS FLOOD PS	REPAIRED - ISSUE RESOLVED	07/28/12	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE-WATER S	07/28/12 12:25 AM	

Spot Inspections:

Discharge Amount:	1,700,000 GAL
Cause:	DURING RAIN EVENT LG&E POLE INSULATOR SHORTED AND CAUSED THE STARKEY PS TO LOOSE POWER.
Clean Up:	OVERFLOW OCCURED OVER CSO 020 AND THAT PIPE IS SUBMERGED IN THE OHIO RIVER. NO CLEANUP REQUIRED.
Control Zone:	NONE REQUIRED. PIPE IS SUBMERGED IN THE OHIO RIVER
Impact:	PIPE IS SUBMERGED IN THE OHIO RIVER
Repair:	LG&E ISOLATED THE STARKEY SERVICE FROM THE DAMAGED INSULATOR AND RESTORED POWER.

Notifications:

07/27/12 11:15 AM	DISPUB	public notified via permanent signs located at the CSO 020 outfall
07/28/12 06:22 AM	DISPUB	Dischage published to the Project Win Overflow Advisory on the website.
07/28/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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 CSO148	Facility Address 1169 EASTERN PKY	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	1556636	09/12/12 01:25 PM	BRIGHT	BRIGHT	REPAIRED - ISSUE RESOLVED	09/12/12	OBSTRUCTION-NOT GREASE OR ROOT	UNAUTHORIZED DISCHARGE-WATER S	09/12/12 01:43 PM	

Spot Inspections:

Discharge Amount:	180 GAL
Cause:	BLOCKAGE IN LINE UPSTREAM OF SIPHON AND DOWNSTREAM OF CSO
Clean Up:	NO CLEAN UP OVERFLOW WENT STRAIGHT TO BEARGRASS CREEK
Control Zone:	PERMANENT SIGNS ARE POSTED IN IMPROVED CHANNEL AT POINT OF DISCHARGE AND DOWNSTREAM TO RIVER.
Impact:	MOSTLY CLEAR WATER OVERFLOWING TO BEARGRASS CREEK WITH SOME EVIDENCE OF SEWAGE
Repair:	LINE WAS FLUSHED AND CLEARED BLOCKAGE

Notifications:

09/12/12 01:43 PM	DISPUB	ADVISED CUSTOMERS ON SITE
09/12/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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
SSL Sewer Service Line	KK14815019	4108 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	1521946	07/14/12 03:09 PM	MITCHELL	GRIFFITH	DOCUMENTED	07/29/09	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	07/17/12 05:04	PM

Spot Inspections:

Discharge Amount:	90 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1522175
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

Notifications:

07/14/12 09:50 PM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID CONTACT WITH DISCHARGE
07/14/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
07/14/12 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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	MSD0022-PS	1800 NIGHTINGALE RD	NIGHTINGALE	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	1527591	07/27/12 08:30 PM	GREEN	OPS CSHIFT	REPAIRED - ISSUE RESOLVED	07/27/12	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE-WATER S	07/27/12 11:48 PM	

Spot Inspections:

Discharge Amount:	79,200 GAL
Cause:	STORM/RAIN EVENT CAUSED POWER OUTAGE
Clean Up:	PIPE DISCHARGE SUBMERGED-NO CLEAN UP
Control Zone:	PIPE DISCHARGE SUBMERGED-NO CLEANUP
Impact:	NONE OBSERVED BY MSD PERSONNEL
Repair:	LG&E POWER RESTORED

Notifications:

07/27/12 10:28 PM	DISPUB	Permanent overflow advisory signs are posted along Beargrass Creek.
07/27/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
07/27/12 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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
STIN Storm Inlet	OH65825	3050 COMMERCE CENTER PL		OHIO RIVER	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>
DISDW: DRY WEATHER DISCHARGE	1526787	07/25/12 03:56 PM	BRIGHT	BRIGHT	REPAIRED - ISSUE RESOLVED	07/25/12	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE-WATER S	07/25/12 03:58 PM	

Spot Inspections:

Discharge Amount:	150 GAL
Cause:	OPERATOR UNLATCHED BACKDOOR OF VACTOR RESULTING IN AN OVERFLOW TO GROUND/STORM BASIN
Clean Up:	MSD PERSONNEL CLEANED THE IMPACTED AREA
Control Zone:	OPERATOR PLACED CONES TO BLOCK TRAFFIC AREA
Impact:	PLASTIC BOTTLES, TRASH AND SEDIMENT ALONG WITH STORM WATER PRESENT ON PAVEMENT AND ENTERED STORM DRAIN
Repair:	NO MSD ACTION NEEDED

Notifications:

07/25/12 04:00 PM	DISPUB	ADVISED EMPLOYEES ON SITE
07/25/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.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
SMH Sewer Manhole	112133	900 JOHNSON RD		BRUSH RUN	GROUND

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1522178	07/16/12 08:25 AM	MARKS JR	OPS BSHIFT EAST	REPAIRED - ISSUE RESOLVED	07/16/12	GREASE BLOCKAGE	UNAUTHORIZED DISCHARGE-WATER S	07/16/12 08:30 AM	

Spot Inspections:

Discharge Amount:	10,000 GAL
Cause:	GREASE BLOCKAGE IN WET WELL CAUSED ELECTRICAL MALFUNCTION WITH LEVEL SENSOR
Clean Up:	CONTRACTOR & MSD CLEANED AND SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED AND FISH KILL
Repair:	REMOVED GREASE BLOCKAGE; VACTORED STATION & ADDED ADDITONAL HWW ALARM

Notifications:

07/16/12 09:03 AM	DISPUB	MSD USED TEMPORARY SIGNS TO WARN PUBLIC
07/16/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
07/16/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov

Total Facilities Printed: 10

Total Work Orders Printed: 19