



**MSD**

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

April 30, 2008

Jeff Cummins, Acting Director  
Division of Enforcement  
Department of Environmental Protection  
14 Reilly Road  
Frankfort, KY 40601

Subject: Quarterly Report Number 10  
March 31, 2008  
DOJ Case No. 90-5-1-1-08254

Attention Director:

Please find attached our Quarterly Report, prepared in accordance with Paragraph 25 of our Consent Decree. This report is for the period January 1, 2008 through March 31, 2008.

This report is organized to deliver the requirements as defined in Paragraph 25 of the Consent Decree and provides an overview of significant program elements, issues, and accomplishments pertaining to Consent Decree compliance activities. Included are sections on: significant accomplishments, current activities review, performance overview, and planned activities.

We certify under penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have questions or need additional information, please contact me at (502) 649-3850.

Sincerely,

W. Brian Bingham  
Regulatory Services Director

Q10 Certification KDEP 4-30-08

cc: H. J. Schardein, Jr.

Paula Purifoy

Laurence J. Zielke



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



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April 30, 2008

Chief, Water Programs Enforcement Branch  
Water Management Program  
US EPA Region 4  
Atlanta Federal Center  
61 Forsyth Street SW  
Atlanta, GA 30303

Subject: Quarterly Report Number 10  
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April 30, 2008

Chief, Environmental Enforcement Section  
Environmental and Natural Resources Division  
U.S. Department of Justice  
Post Office Box 7611  
Washington DC 20044-7611

Subject: Quarterly Report Number 10  
March 31, 2008  
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# Louisville and Jefferson County Wet Weather Consent Decree Quarterly Report #10



**Reporting Period:**

January 1, 2008 through March 31, 2008

**Submitted To:**

Kentucky Department of Environmental Protection  
United States Environmental Protection Agency  
United States Department of Justice

**Submitted By:**

Louisville and Jefferson County Metropolitan Sewer District  
700 W. Liberty Street  
Louisville, Kentucky 40203-1911

**Submittal Date:**

April 30, 2008

## **TABLE OF CONTENTS**

### **INTRODUCTION**

#### **SECTION 1: Project WIN Program Activities Performed during the Reporting Period**

- 1.1 Nine Minimum Controls Implementation**
- 1.2 Sewer Overflow Response Protocol (SORP) Implementation**
- 1.3 Discharge Abatement Plans**
  - 1.3.1 Sanitary Sewer Discharge Plan (SSDP)
    - 1.3.1.1 Updated SSOP Implementation
    - 1.3.1.2 Interim Sanitary Sewer Discharge Plan (ISSDP)
    - 1.3.1.3 Final Sanitary Sewer Discharge Plan
  - 1.3.2 Long Term Control Plan
    - 1.3.2.1 Interim Long Term Control Plan
    - 1.3.2.2 Final Long Term Control Plan
- 1.4 Public Outreach, Education, Notification and Participation**
  - 1.4.1 Public Outreach
  - 1.4.2 Project WIN Public Meetings
  - 1.4.3 Wet Weather Team Meetings
  - 1.4.4 Public Education and Notification

#### **SECTION 2: Performance Overview**

- 2.1 Unauthorized Discharges to Waters of the United States**
- 2.2 Overflows to Ground**
- 2.3 Overflows to Interior**
- 2.4 CSO Reductions**
- 2.5 SSO Reductions**

#### **SECTION 3: Project WIN Program Activities for the Next Reporting Period**

- 3.1 Nine Minimum Controls Implementation**
- 3.2 Sewer Overflow Response Protocol (SORP) Implementation**
- 3.3 Discharge Abatement Plans**

- 3.3.1 Sanitary Sewer Discharge Plan (SSDP)
  - 3.3.1.1 Updated SSOP Implementation
  - 3.3.1.2 Interim Sanitary Sewer Discharge Plan (ISSDP)
  - 3.3.1.3 Final Sanitary Sewer Discharge Plan
- 3.3.2 Long Term Control Plan
  - 3.3.2.1 Interim Long Term Control Plan
  - 3.3.2.2 Final Long Term Control Plan

**3.4 Public Outreach, Education, Notification and Participation**

- 3.4.1 Public Outreach
- 3.4.2 Project WIN Public Meetings
- 3.4.3 Wet Weather Team Meetings
- 3.4.4 Public Education and Notification

**SECTION 4: Capacity Management Operations and Maintenance (CMOM)**

**4.1 Program Activities for Reporting Period (January 1, 2008 to March 31, 2008)**

- 4.1.1 Activities for this Reporting Period (January 1, 2008 to March 31, 2008)
- 4.1.2 Continued CMOM Program Implementation for this reporting period

**4.2 Program Activities for the Next Reporting Period (April 1, 2008 to June 30, 2008)**

- 4.2.1 Activities for next Reporting Period (April 1, 2008 to June 30, 2008)
- 4.2.2 Continued CMOM Program Implementation for the next reporting period

**ATTACHMENTS**

**APPENDIX A – SCHEDULES (A1-A5)**

**APPENDIX B - DISCHARGES TO WATERS OF THE UNITED STATES (WUS), BLENDING, BYPASS**

**APPENDIX C - ANNUAL AVERAGE OVERFLOW VOLUME**

**APPENDIX D - CSO FLOW MONITORING INFORMATION**

**APPENDIX E - ACRONYMS**

## **INTRODUCTION**

MSD has entered into a Consent Decree with the Kentucky Department of Environmental Protection (KDEP) and the United States Environmental Protection Agency (EPA). The Consent Decree was signed by United States District Judge Simpson and entered in United States District Court, Western Division of Kentucky, Louisville Division, on August 12, 2005.

This is the tenth Quarterly Report submitted in accordance with Paragraph 25 of the Consent Decree. This report covers the time period from January 1, 2008, through March 31, 2008. The structure for this report is outlined as follows:

**Section 1: Project WIN Program Activities Performed during the Reporting Period** (excluding CMOM) - This section describes the scope, schedule and status for projects and other activities that were active during the reporting period January 1, 2008, through March 31, 2008. The projects and activities described are those that demonstrate the efforts conducted to comply with the Consent Decree.

**Section 2: Performance Overview** - This section provides an accounting of the number of occurrences of overflows, including unauthorized discharges, from the separate sanitary sewer and combined sewer system and the estimated volumes of each. A discussion of the probable reductions, in both unauthorized discharge points and the discharges from MSD's CSO locations, identified in the Morris Forman WTP KPDES, permit that are expected to result from MSD's projects and activities during the reporting period are also contained in this section.

**Section 3: Project WIN Program Activities for the Next Reporting Period** (excluding CMOM) - This section describes the anticipated projects and activities that are scheduled to be performed during the next reporting period (April 1, 2008 through June 30, 2008) for continued compliance with the Consent Decree.

**Section 4: Capacity Management, Operations and Maintenance (CMOM) Report** - The program activities performed during the reporting period January 1, 2008, through March 31, 2008) and activities planned for the next reporting period (April 1, 2008 through June 30, 2008) are included in this section.

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## **SECTION 1: Project WIN Program Activities Performed during the Reporting Period**

### **1.1 Nine Minimum Controls Implementation**

Per Paragraph 23.a. of the Consent Decree, the Nine Minimum Controls (NMC) Compliance Report was initially submitted to EPA and KDEP on February 10, 2006. MSD received an approval letter, dated February 22, 2007 for the NMC Compliance Report. The approved NMC Compliance document can be viewed on the MSD Project WIN website [www.msdlouky.org/projectwin](http://www.msdlouky.org/projectwin). Highlights of the NMC program implementation over this reporting period are outlined below:

#### NMC 1: Proper Operation and Maintenance Program

- Inspected and cleaned over 5300 catch basins within the combined sewer system (CSS) during this reporting period.
- Continued to inspect, maintain and properly operate the CSS pump stations and the Morris Forman Wastewater Treatment Plant (MFWTP).
- Performed over 1400 weekly inspections on CSOs, 270 creek inspections, and initiated over 90 work orders for debris removal and/or repairs as determined to be necessary to allow proper system operation during this reporting period.
- Continued evaluation of quick closures of CSOs on the Central Relief drain and any additional CSOs that have a low annual overflow volumes or occurrences.
- MSD crews closed CSO 194 on March 6, 2008, and CSO 32 on March 12, 2008, both of which are on the Central Relief Drain.
- MSD cleaned over 1500 sewer line segments in the CSS, ranging in size from 6 inches to 15 inches, during this reporting period.
- CSO Inventory updated to include revised survey information of elevations, and improvements to the system.
- Inspected 11 sites for Fats, Oils, and Grease obstructions in known hotspots. Lines were cleaned as needed.
- Several projects underway to create improved access to some CSO sites to facilitate cleaning activities. The Hamilton Road access project to improve access to CSO 120 has been advertised for construction.

#### NMC 2: Maximization of Storage in the Collection System

- Continued operation of Phase I of the Real Time Control system.
- Completed negotiations for the RTC Phase II contract amendment and circulated the work orders for signature. This phase of RTC is to be completed by December 31, 2008, as required within the Consent Decree.
- Initiated the construction of the project to install an inflatable dam in the Southwestern Outfall during this period. This is part of the RTC at Southwestern Outfall SWOR2 - Budget ID I05055.



- Raised the diversion dam at CSO 113 on March 18, 2008, as part of the wave screen rehabilitation.
- Initiated the review of flood pump stations within the CSS to determine if modifications can be made to further maximize flow transport to the Morris Forman WTP, as required by the Consent Decree.
- Process developed for a field analysis of outfalls to see if additional flap gates will improve system storage. Associated flap gate data has been updated in Hansen. The field analysis initially scheduled for March 3, 2008, has been postponed several times due to high water.
- Plans for Regulator removal at CSOs 108, 118, and 132 developed and submitted to MSD. Meeting held with Louisville Metro Public Works to discuss paving requirements at CSO 118. The removal of the CSO 108 Regulator will be included in the scope of the RTC project at CSO 108 which will be under construction in 2008.

**NMC 3: Review and Modification of Pretreatment Requirements**

- Continued to send wet weather alerts to the Non-Domestic Dischargers (NDD) prior to rain events, reminding them of their commitment to implement controls during wet weather events.
- Continued implementation of the CSO-SIU project in conjunction with the LTCP preparation. Continued to develop a spreadsheet-model of the CSOs with significant NDD discharges to predict water quality concerns and identify additional NDDs of interest.
- Developed NDD Fact Sheets for the top five NDDs. These Fact Sheets contain information specific to the NDD, receiving CSO, as well as the receiving stream the CSO discharges to during wet weather overflow events. The Fact Sheets will be reviewed with each NDD during follow-up meetings/inspections scheduled to take place in the next quarter. They are intended to further educate each NDD on the possible impacts of discharges from their facilities during wet weather events.

**NMC 4: Maximization of Flow at the Morris Forman Wastewater Treatment Plant**

- Continued operation of RTC Phase I, which minimizes wet weather overflows from the Southwestern Pump Station, providing an optimized method for delivering more consistent flows into Morris Forman WTP during and after wet weather events.
- Negotiated a scope of Work for BPR to develop a reporting tool for use with the RTC system.
- Discussion continued on the changes required to the flood pump stations operations to maximize the flow to Morris Forman WTP.
- The final average flow at Morris Forman WTP for March 2008 was 202.9 MGD, which is the highest monthly average flow on record. This average daily flow was influenced by an extremely wet period; 10.1 inches of rain was recorded from March 1, 2008 through March 31, 2008.

**NMC 5: Elimination of CSOs During Dry Weather**

- Continued implementation of the Unusual Discharge Request permit program, to prevent negative impacts on the CSS from discharges not already covered by a wastewater discharge permit.
- Reported dry weather overflows from the CSS in accordance with the Sewer Overflow Response Protocols (SORP). During this time period, 1 dry weather discharge was reported from CSO 15. This was related to elevated Ohio River levels and operation of the Flood Protection System in compliance with the U.S. Army Corps of Engineers (USACE) flood pumping protocols.
- Modified the low flow pipe at CSO 113 to allow more efficient drainage to the interceptor, and to prevent dry weather overflows.

**NMC 6: Control of Solid and Floatable Materials in Combined Sewer Overflows**

- Continued inspection and maintenance procedures for the solids and floatables structures as part of the weekly CSO inspections and PM cleaning routines, outlined under NMC 1.
- Completed construction of the CSO 146 solids and floatables baffle vault and certified the project on January 16, 2008. The system was operational as of December 22, 2007.
- Removed, modified structure and re-installed the wave screen at CSO113 to allow for capture and screening of more overflow.

**NMC 7: Pollution Prevention Programs to Reduce Contaminants in CSOs**

- Continued coordination of activities performed by Louisville Metro such as: street sweeping, Operation Brightside (garbage pick-up), and other Metro pollution prevention programs.
- Continued administration of the Hazardous Materials Ordinance, which requires users with hazardous materials on site to submit a spill prevention and control plan. Continued response to spills of hazardous materials and incidents involving discharges to the sewer system and provide spill mitigation kits to the Louisville Metro Fire Department to use to absorb vehicle fluids rather than flushing to the sewer.
- Continued administration of the Erosion Prevention and Sediment Control Ordinance.
- Continued issuance of wastewater discharge permits under the Industrial Pretreatment Program.
- The X-Treme Clean Sweep was held on March 15, 2008, at 16 different sites within Jefferson County. Two locations were in Portland along the Ohio River, eight sites were located in Beargrass Creek and six sites were in Pond Creek.

**NMC 8: Public Notification**

- Work orders for the annual CSO/SSO Water Quality sign inspection process were initiated on February 27, 2008. During this period, 639 inspections have been completed. 42 signs have been replaced and 13 signs have been cleaned. In the CSS, 58 signs were inspected by March 31, 2008. In the separate sewer system,

approximately 581 signs were inspected by March 31, 2008. The annual inspection process for all 1092 signs will be completed prior to the start of the summer recreation contact season which begins May 1.

- Continued to update the Project WIN website. Customers voluntarily sign up to receive email alerts. In addition, there are messages from MSD, a repository of approved documents, Stakeholder meeting minutes, and access to a public notification e-mail system. This website can be found at <http://www.msdlouky.org/projectwin>.
- Placed an advertisement in the January 2008 issue of *Today's Woman*, providing a set of New Year's Resolutions for residents to follow to help provide for a cleaner environment.
- Placed an advertisement in the March issue of *Today's Woman* to inform the public on how to play it safe around sewer overflows.
- Placed information on Project WIN in the January, February and March issues of *Business First*.
- Placed information on Project WIN in the January, February and March issues of the *Louisville Magazine*.
- Published the MSD 2007 Annual Report and distributed to customers.
- Received and reviewed the draft Recreational Contact Survey performed to observe recreational use in and nearby key locations along Beargrass Creek and the Ohio River within Jefferson County. This survey details the extent of potential human contact to impacted waterways during the recreational season. Field work for this study was conducted from May 1 – October 31, 2007.

#### NMC 9: Monitoring to Characterize CSO Impacts and the Efficacy of CSO Controls

- Continued monitoring wet weather impacts within the Beargrass Creek Watershed with sampling during a wet weather event. Two large wet weather sampling events were recently captured; one in late in 2007 and the latter within the reporting period in 2008, capturing large numbers of grab samples throughout the watershed for 96 hours and 48 hours from the beginning of the events respectively. The protocol for additional wet weather sampling will be defined in the Post Construction Monitoring plan, which will be part of the LTCP.
- Continued to monitor the largest CSOs for flow volume to define the wet weather contribution of the overflows to the stream. In addition, the following monitoring activities have occurred:
  - Started project to install flow meters at CSO62, CSO97, CSO146 and CSO16
  - Started project to upgrade existing flow meters with telemetry and power at CSO210 and CSO211
  - Installed a flow meter at CSO125
  - Developing process to use existing Plant Information data tags to calculate the flow at CSO015 and CSO 191

- Developing process to install and use the level indicator to calculate flow at CSO20
- United States Geological Survey (USGS) has installed of a “side-looking” stream flow gauge near the mouth of Beargrass Creek and its confluence with the Ohio River to more accurately measure the backflow effects from the river on the stream and tie this data to dissolved oxygen readings in the area. The initial data from this gauge will be analyzed to determine data quality and characterize the interaction between Beargrass Creek and the Ohio River.
- Continued to collect stream flow, sonde, and other environmental data sets for use in further characterization of the combined service area.
- Wet weather sampling event occurred in March 2008 within the Beargrass Creek watershed mobilizing over 80 people and capturing grab samples at numerous stream locations, CSO, and SSO points.
- Completed the calibration of the Water Quality Tool model of the Beargrass Creek Watershed in preparation for use in the CSO Long Term Control Plan (LTCP) and the fecal and dissolved oxygen TMDLs. Continued the preparation of the Ohio River water quality model for use in the LTCP.
- Overflow/wet weather inspection routes to be reviewed and coordinated between the various MSD teams as well as the development of inspection tracking where ‘no evidence’ of overflow is found.

## **1.2 Sewer Overflow Response Protocol (SORP) Implementation**

Per Paragraph 23.d. of the Consent Decree, MSD initially submitted the SORP to EPA and KDEP on February 10, 2006, and received comments on March 13, 2006. MSD resubmitted the revised SORP on May 12, 2006, and received an approval letter for the SORP on August 22, 2006. The approved SORP document can be viewed on the MSD Project WIN website [www.msdlouky.org/projectwin/](http://www.msdlouky.org/projectwin/). The following activities were performed during this reporting period.

### Overflow Management and Field Documentation

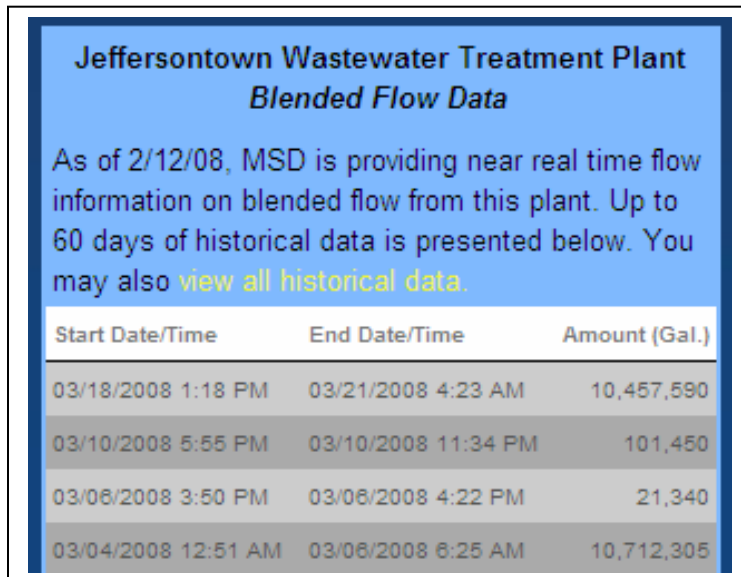
- BLEND Code added to the Overflow Report form to assist Metro OPS staff with overflow data collection at the Jeffersontown Wastewater Treatment Plant.
- Continued daily review, monthly review and quarterly reviews with staff from Metro Operations, Infrastructure & Flood Protection (I&FP) and Regulatory Services.
- Revised the sample text guide for spot inspections and posted document in Hansen Help.
- Telemetry added to the siphon structure upstream of the Jeffersontown WTP to facilitate overflow monitoring.
- MSD I&FP staff routinely monitors 11 locations and takes preventive measures to reduce basement backups. Work orders are used to track these various activities.
- MSD’s Regulatory Services staff continues to monitor approximately 60 sanitary sewer

overflow (SSO) sites, which have been grouped into routes based on the range of rainfall rates necessary to cause an SSO. These routes are monitored during rain events depending on the magnitude and location of the storm. If an overflow is observed, a Discharge Work Order is created to document the event.

- MSD Metro Operations continues to monitor over 300 sites via telemetry. There are approximately 20 sites where sewage is routinely hauled from pump station wet wells to wastewater treatment plants to prevent overflows during rain events depending on the magnitude and location of the storm. Due to capacity issues during this reporting period, MSD hauled approximately 98 times.
- A field audit was performed on 73 modeled overflow points throughout MSD's separate sanitary sewer area during a 4-inch rain event on March 13, 2008, to assist in the validation of the sewer models. The modeled overflows that were verified during this audit have been established as documented SSOs and will be addressed in the SSDP.

Public Notification and Communication

- Added a notification of blending events at the Jeffersontown WTP to the Public WIN website for events starting on or after February 12, 2008. See the insert below for an example view from the Project WIN website.



**Jeffersontown Wastewater Treatment Plant**  
**Blended Flow Data**

As of 2/12/08, MSD is providing near real time flow information on blended flow from this plant. Up to 60 days of historical data is presented below. You may also [view all historical data](#).

Start Date/Time	End Date/Time	Amount (Gal.)
03/18/2008 1:18 PM	03/21/2008 4:23 AM	10,457,590
03/10/2008 5:55 PM	03/10/2008 11:34 PM	101,450
03/06/2008 3:50 PM	03/06/2008 4:22 PM	21,340
03/04/2008 12:51 AM	03/06/2008 6:25 AM	10,712,305

- Work orders for the annual CSO/SSO Water Quality sign inspection process were initiated on February 27, 2008. During this period, 639 inspections have been completed. 42 signs have been replaced and 13 signs have been cleaned. In the CSS, 58 signs were inspected by March 31, 2008. In the separate sewer system, approximately 581 signs were inspected by March 31, 2008. The annual inspection process of 1092 signs will be completed prior to the start of the summer recreational contact season which begins May 1.
- The process to populate the XY coordinates for all signs was completed on March 31, 2008. The data is scheduled to be added to the Hansen Inventory on April 1, 2008.

- Advertisements to inform the public on Project WIN activities were published during the months of January, February and March in three local publications: *Business First*, *Today's Woman* and the *Louisville Magazine*.
- MSD's 2007 Annual Report was published and distributed.

#### Regulatory Reporting and Data Management

- At the request of KDEP staff, Brad Kouns was removed from the email notification and Lisa Jeffries was added. Her email is [LisaA.Jeffries@ky.gov](mailto:LisaA.Jeffries@ky.gov). Request was completed on February 5, 2008.
- The additional field of Receiving Treatment Plant was added to the email notification on February 5, 2008.
- The additional data fields of City, State and Zip were requested to be added to the email notification on March 27, 2008.
- BLEND problem code has been added to Hansen for tracking blending events at the Jeffersontown WTP. MSD developed a process to remind staff when a 5 day letter is needed for a BYPASS or BLENDING event.
- MSD's Information Technology (IT) staff created a tool to automatically publish data from the rain gages to track the start and stop of rain events. This information is published internally on MSDNet.
- MSD continued to improve the accessibility of data reported to the SCADA system for pump station and Real Time Control information as well as standardize various environmental data sets in preparation for integrated data querying and display through an upcoming SharePoint site.
- Monthly meetings continue to be held with staff to perform quality control on Discharge Work Orders.
- A review of the historical Discharge work orders was completed for all data back to July 1, 2004. This review was performed to assist with the confirmation of documented overflow locations needed for the IOAP. The associated assets in Hansen were updated to track these overflow locations. A process to review this data monthly has been structured.

#### Staff Training and Communication

- Three makeup SORP classes were held for staff that were unable to attend the winter 2007 training sessions.
- During the first year of SORP training (2006) much of the focus was upon orienting field crews to new response and documentation requirements. Information was disseminated to crews and skill building exercises were conducted. The following year (2007) field training was conducted in similar fashion, though improvements were made to the skill building exercises (overflow simulations), and modifications were made to the content where system improvements were made (documentation guides).



Entering this third year of training, feedback from MSD field crews has been used to refine SORP training and to build on successes in the field. This year, training has been tailored to each area within MSD that plays a direct role in field responses to make the training content more pertinent to that area's response activities. Also, field crews would prefer that training that take place quarterly, rather than annually. This provides more immediate feedback on field performance, and allows for field crews to share best practices.

The first quarterly session of annual SORP training was conducted in March of 2008. Participants actively shared field experiences and mitigation problem-solving strategies, feedback was shared regarding MSD's overflow data for the previous period, and other performance information was reviewed. The consensus was that this shorter, more frequent format is a more effective method for training at this point in the program's development.

- Two SORP classes were held on March 28, 2008, for I&FP staff.
- Reports were created to review overflow response for the last 3 quarters. The reports were structured to use the EPA definition of a SSO.
- Field reviews were performed to evaluate MSD response to and documentation of unauthorized discharges for the February 4-6, 2008, and March 4, 2008, rain events.

#### Annual SORP Review

- A meeting was held on March 18, 2008, to discuss the annual review. Definitions were revised based on comments received from EPA and suggestions made will be incorporated in the 2008 SORP review.
- MSD anticipates modifications to several sections of the SORP. The revised document will be submitted to EPA by August 22, 2008.

### **1.3 Discharge Abatement Plans**

A requirement of the Consent Decree, per Paragraph 24, is to prepare and submit for review and approval discharge abatement plans for the elimination of unauthorized discharges from the separate sanitary sewer system and the combined sewer system, the reduction and control of discharges from the CSO locations identified in the Morris Forman WTP KPDES permit, and the improvement of water quality in the receiving waters.

#### **1.3.1 Sanitary Sewer Discharge Plan (SSDP)**

The SSDP will address the overflows and unauthorized discharges from the separate sanitary sewer system. Three separate plans will be submitted under this program as described below and outlined in Paragraph 24.a. of the Consent Decree.

##### **1.3.1.1 Updated SSOP Implementation**

MSD prepared and submitted an updated SSOP on February 10, 2006. This plan included an overview of the MSD sanitary sewer overflow abatement program and specific actions taken to reduce/eliminate overflows from the sanitary sewer system. This document included a list of the proposed improvements to be accomplished by December 31, 2008. Refer to Appendix A-1 for a chart showing a schedule of the activities described in this section.

The following projects were completed within the reporting period.

- Broadfern Pump Station Upgrade (Budget ID F02327) - Two new dry pit pumps have been installed along with new suction and discharge piping and pump level controller. Installation and initial testing was completed by December 28, 2007. The certification letter was sent January 25, 2008. This project is complete.

The following projects were active during the reporting period and will be completed as required by the Consent Decree:

- Interceptor Condition Assessment Phase 1 (Budget ID H04272) – The first phase of these interceptor rehabilitation projects have been identified and the contract plans and specifications are being prepared by MSD staff. The first capital projects (Northern Ditch Interceptor – H07298) is expected to be advertised for a construction contract by the end of April 2008. The contract documents for the remaining capital, rehabilitation projects (Budget IDs: H07294, H06301, H07295, H07296, H07297 and H04276) are being prepared for advertisement for construction contracts. The project will be completed by December 31, 2008, in accordance with the Consent Decree.
- Murray Hills Area Pump Station Upgrades (Budget ID F06297) – This project has been declared as substantially complete. The flow has been diverted and remains in the Morris Forman WTP service area. During this reporting period, the roadway and driveway paving have been completed. Final project close out is expected during the next reporting period. The project will be completed prior to September 30, 2008, in accordance with the Consent Decree.
- Fern Hill Subdivision Interceptor #8 (Budget ID C94086) – This construction contract was awarded January 28, 2008 and the notice to proceed for construction was issued on February 18, 2008. Included in this scope of work is the elimination of the Holly Oaks Pump Station. The flow which currently is being treated in the Cedar Creek WTP service area will be diverted to the West County WTP service area. The project will be completed by March 30, 2009, in accordance with the Consent Decree.
- Thurman Drive Pump Station Elimination (Budget ID B06299) - The construction contract was executed during the first quarter of 2008 with construction beginning in January 2008. As of March 2008, the contractor has mobilized on site. The flow will remain in the West County WTP service area but will be diverted to a new interceptor. The project will be completed by September 30, 2008, in accordance with the Consent Decree.
- Zabel Way Pump Station Elimination (Budget ID C06295) - The necessary easements were acquired during the first quarter of 2008 and the final construction plans prepared. The construction contract is expected to be advertised by mid April with construction being underway by June 2008. Construction will be completed by September 30, 2008, in accordance with the Consent Decree.

#### **1.3.1.2 Interim Sanitary Sewer Discharge Plan (ISSDP)**

MSD submitted for approval an ISSDP on September 30, 2007. Comments were received on January 8, 2008. The response was resubmitted on March 7, 2008. MSD is waiting to receive the final approval. The overall project concept includes reconstruction of the Beechwood Village



sanitary sewer system along with the construction of relief sewers, elimination of the Highgate Springs Pump Station and offloading sewers in the Hikes Point area that currently create unauthorized discharges during wet weather. The concept also involves conveying flow from the Southeast Diversion Structure through the Southeast Interceptor and the Northern Ditch Interceptor to a new relief sewer that will convey wet weather flows from the Northern Ditch Interceptor to the West County WTP. A high-rate secondary treatment system is proposed to treat some of the diluted wastewater conveyed by this relief sewer during wet weather

To meet the implementation schedule required by the Consent Decree, the following activities have occurred:

- Beechwood Village (Budget IDs E07261 and E08034) - The new collector system design has reached 90% point and now on hold while the route for the new outlet (Sinking Fork Interceptor Relief) for the east section is selected. At this time it is expected to begin east of Beechwood Village, cross Shelbyville Road, through the Shelbyville Road Plaza to Middle Fork of Beargrass Creek. MSD did a preliminary walk through of the route, completed geotechnical sampling and has set up meeting with the U.S. Army Corps of Engineers regarding the possible sewer route. MSD is also negotiating 585 temporary easements needed to complete the construction project. At this time 105 of the 585 easements have been signed. In the upcoming three months, it is expected to have selected the route for the Sinking Fork Interceptor Relief Sewer which will require additional negotiations with associated property owners. The project will be completed by April 2011, in accordance with the revised ISSDP.
- Southeast Diversion Structure (Budget ID H08358) - Construction will be required for a new relief interceptor parallel to the Southeast Interceptor from the Southeast Diversion Structure to the Northern Ditch Interceptor. A new junction structure is expected to be constructed to connect this relief sewer to the proposed Hikes Lane Interceptor and the existing Buechel Branch Interceptor. Professional services selection has been initiated during this reporting period. The construction to eliminate the Southeast Diversion overflow will be completed by December 2011, in accordance with the revised ISSDP. The junction structure and the Southeastern Relief Interceptor will be completed in coordination with the Hikes Lane Interceptor by May 2012, in accordance with the revised ISSDP.
- Highgate Springs and Hikes Point Area (Budget ID H07286 and H07287) – Work has started on the Preliminary Engineering Report for the design of the Hikes Point Interceptor and Hikes Point Relief Sewer Improvements. Construction will be completed by November 2012, in accordance with the revised ISSDP.
- West County WTP Wet Weather Equalization and Treatment Project (Budget ID H06302) - Improvements described in previous three paragraphs will result in significantly more wet weather flow in the West County WTP and Morris Forman WTP service areas. The proposed plan will include the installation of a new interceptor (Budget ID C85017) parallel to the Northern Ditch drainage channel, allowing wet weather flow to be diverted from the Morris Forman WTP service area (currently through the Northern Ditch Pump Station) to the West County WTP service area. Construction of flow equalization and high-rate secondary treatment at the West County WTP will be completed by December 31, 2011, in accordance with the revised ISSDP.

### **1.3.1.3 Final Sanitary Sewer Discharge Plan**

MSD is required to submit for approval a final SSDP by December 31, 2008. Refer to Appendix A-2 for a chart showing a schedule of the activities that will be in the SSDP. During this reporting period, MSD completed the following activities:

- Converted and calibrated the InfoWorks CS sewer models for its six regional treatment plant service areas and seventeen small service areas (one small service area has been diverted into a regional service area through the elimination of a package plant). Each model was upgraded with additional detail down to an 8-inch sewer diameter in the sanitary service area and to an 18-inch sewer diameter in the combined sewer area. In all, 25 models were upgraded with additional detail and standardization as well as calibrated to a flow monitoring period from the first half of 2007 (several service areas currently consist of multiple models [e.g. Morris Forman] due to their size and complexity). Review is complete on all models, and quality control comments are being addressed.
- The calibrated models were validated by evaluating the ability of the model to predict the known, documented SSOs in similar storm events. Documented SSOs were validated and overflow volumes during the 1, 2, 5, and 10-year storm events were produced and recorded.
- Seventy-three significant overflow points were predicted by the models in locations that are not associated with currently documented SSOs. To investigate these locations, inspection teams made field observations of the 73 modeled overflow points and surrounding, possible relief points during and immediately following a significant rain event on March 13, 2008. These field observations confirmed 10 previously unidentified SSOs, and 15 other locations of significant sewer surcharging. These locations will be added to SSOs being addressed by the SSDP. Fifty-eight of the modeled overflow points did not overflow or exhibit significant surcharging during this rain event, indicating conservatism in the models. Work will continue to address this issue.
- A statistical analysis of rainfall in the Louisville area was done to identify the critical storms for use in modeling. This same approach was used by the City of Atlanta, with similar results. The shorter duration, more intense 3-hour “cloudburst” storm was determined to be the most critical storm for overflow modeling within the sewage collection system, due to the modeling results most closely matching existing wet weather conditions. MSD has proposed that the 2-year, 3-hour storm be the lower boundary condition or level of protection for evaluation. Higher levels of protection will also be evaluated, and may be selected for solution implementation, depending on the outcome of the benefit/cost analysis.
- An evaluation of the flow monitoring data from 2007 resulted in the prediction of wet weather peaking factors in each of the monitoring basins. For areas with “normal” rainfall-derived infiltration and inflow (RDII) patterns, monitored flows will be used without any assumption of further reduction of RDII through system rehabilitation or illicit connection elimination. For basins with higher than normal RDII flow peaks, a sliding scale assumption of RDII reduction was developed, to account for the anticipated benefits of MSD’s proposed I&I reductions program, including a private property component. Assumed reductions due to these programs will be assessed prior to the

full engineering design of each overflow elimination project to determine the effectiveness the efforts. The size and performance of the elimination projects will be adjusted accordingly.

- Modeling teams completed the initial development of solution alternatives that laid out the project concepts for overflow elimination. This initial solution set was reviewed for consistency of approach and for broad feasibility. The modeling teams began conceptual development and sizing of these alternatives during this reporting period.
- The initial solutions development process indicated the need to use a “branching” approach to SSO solution development. This approach consolidates those SSO locations that are hydraulically connected, and develops solutions for the entire branch moving from upstream to downstream in the sewer service area. Branching also indicated the need to consider the impact of future growth on a larger sub-sewershed than an individual SSO solution might require. An approach to considering and sizing for upstream build-out conditions has been developed and communicated to the modeling teams. Impacts of downstream growth will not be included in the SSO solution set, but will be addressed by the on-going capacity assurance program.
- The evaluation of the capacity limitations of the Jeffersontown WTP continued during the reporting period, incorporating the requirements of the Composite Correction Program Comprehensive Performance Evaluation. In addition, a more comprehensive evaluation (Budget ID E07268) of the Floyd’s Fork WTP ability to be expanded continued during this reporting period, and the Preliminary Engineering Report on the expansion of the West County WTP continued, as discussed previously in this section.
- The values-based risk management approach to evaluating control alternatives for the SSDP was initiated. Minor modifications to the benefit/cost evaluation process and tool were performed to more appropriately address the SSO elimination targets.

### **1.3.2 Long Term Control Plan**

The LTCP will address the overflows and unauthorized discharges from the CSS. Two separate plans will be submitted under this program as described below and outlined in Paragraph 24.b. of the Consent Decree.

#### **1.3.2.1 Interim Long Term Control Plan**

The Interim CSO LTCP was initially submitted to EPA and KDEP on February 10, 2006. MSD received an approval letter dated February 22, 2007, for the Interim LTCP. The approved Interim LTCP can be viewed on the MSD Project WIN website [www.msdlouky.org/projectwin](http://www.msdlouky.org/projectwin).

This plan includes an overview of the MSD program, efforts taken to reduce/eliminate discharges from the CSS, and the list of proposed improvements to be accomplished by December 31, 2008. Refer to Appendix A-3 for a chart showing a schedule of the activities described in this section.

The following projects were completed or certified as complete during the reporting period:

- CSO 146 Solids and Floatables Control (Budget ID H07026) - The project was substantially completed by December 22, 2007. Per the Consent Decree deadline, the solids and floatables control structure was operational prior to December 31, 2007 and

the completion of the construction of the CSO 146 solids and floatables baffle vault was certified on January 16, 2008.

The following projects were active during the reporting period:

- RTC at Southwestern Outfall SWOR2 (Budget ID I05055) – This project, part of Phase 2 of the RTC program, involves the installation of an inflatable dam for storage near the upper end of the Southwestern Outfall. Storage will primarily occur in the Upper Dry Run Trunk and the Mill Creek Trunk. The storage will be integrated into the Global Optimization RTC system. High water levels in the sewer system are impacting the progress of this project. The dam has been delivered and is in storage at the contractor's yard. The contractor has been delayed in installing the concrete structure in the SWO sewer. This schedule delay is pushing the operational date by at least 30 days. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- RTC at CSO 108 (Budget ID I03588) – This project, part of Phase 2 of the RTC program, involves improving the connection between the Beargrass Interceptor and the Beargrass Interceptor Relief Sewer and automating the control of flow through these systems and, therefore, Nightingale Pump Station. The design phase continued during this period. MSD is negotiating an extension of the Memorandum of Understanding with the property owner. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- Integration of Southwestern Pump Station/Main Diversion Structure/Morris Forman WTP (Budget ID I05056) – This project, part of Phase 2 of the RTC program, links the Southwestern Pump Station, Main Diversion Structure, and the Morris Forman WTP with the Global Optimization RTC system. The design phase is nearing completion. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- Integration of Wheeler Basin (Budget ID I05057) – This project, part of Phase 2 of the RTC program, employs additional controls to better utilize approximately one million gallons of storage in the trunk line that drains the Wheeler Basin. The design of this project was underway during this period. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- CSO 206 Separation – This project includes the separation of combined sewers on the most upstream CSO on Middle Fork of Beargrass Creek. The sewershed had been divided into 15 sub-areas. Construction on the separation of areas 1-9 has been completed. Separation of areas 10-12 (Budget ID I01061) was on-going during the reporting period. The final walkthrough and punch list was developed for phases 10-12. The final design for areas 13 through 15 (Budget ID I01062) (of 15 total) is nearing completion. Plans for phases 13-15 were submitted for MSD review within the reporting period. An additional sewer line needs to be addressed by expanding the existing contract scope. This project will be completed in accordance with the Consent Decree by March 31, 2009.

### **1.3.2.2 Final Long Term Control Plan\**

Efforts associated with the final LTCP continued through this reporting period and included the following activities. Refer to Appendix A-4 for a chart showing a schedule of the activities described in this section.

- Completed calibration, validation, and review of the combined sewer system model. This process was described in Section 1.3.1.3. The process to address review comments on the model is ongoing.
- Completed evaluation of a “typical year” rainfall pattern to use in evaluating baseline annual overflow volumes and CSO control effectiveness. A “synthetic” year was developed, selecting 12 months that most closely represent average rainfall totals for that month. MSD has used a synthetic year since their start of CSO modeling. The CSO modeling team began developing baseline information using this typical year.
- Development of a new Average Annual Overflow Volume for this report is also underway. The typical year is being simulated using the newly developed CSO InfoWorks model, which contains much greater detail than the previous XP-SWMM model. A new AAOV table reporting individual CSO volumes and occurrences will be submitted in the next Quarterly Report.
- Identified, screened and developed preliminary CSO control strategies, for each of the CSOs or group of CSOs. Began developing design concepts, preliminary sizing, cost, and value-based benefit scores.
- Developed an approach to incorporating green infrastructure into the LTCP process. The process includes the development of flow reduction targets expected to result from green infrastructure implementation at a CSO basin level. These targets will be used in reducing the preliminary sizing of conventional “gray” solutions needed to complete the level of control required for that CSO. Green and gray projects will be evaluated using the benefit/cost evaluation process, and the most cost-effective combination of green/gray selected.

Where green solutions are selected, they will be implemented early in the LTCP schedule to allow evaluation and documentation of the effectiveness of the green solutions. Final sizing of gray infrastructure components will be deferred until the effectiveness of the green components is confirmed. The gray components will be resized prior to implementation based on this green efficacy analysis. This process was discussed with KDOW and EPA in the February 20, 2008, meeting, with general concurrence given for the overall process.

- The values-based risk management approach to evaluating control alternatives for the LTCP was initiated. Minor modifications to the benefit/cost evaluation process and tool were performed to more appropriately address the CSO elimination targets.
- Updated the cost estimating protocol to be used in both the LTCP and the SSDP.
- The Water Quality Tool model has been developed for use in the development of both dissolved oxygen and fecal coliform Total Maximum Daily Loads (TMDLs) for the three



branches of Beargrass Creek, and also in LTCP process to evaluate the effectiveness of various CSO and SSO control alternatives.

The WQT is comprised of three integrated models (HSPF, XP-SWMM and CE-QUAL Riv 1) that simulate the hydrologic and pollutant loads of the Beargrass Creek watershed. The Tool was calibrated and validated during this reporting period. Preliminary load allocations were completed and submitted to the University of Kentucky (UK), who is authoring both TMDLs. Draft TMDLs were developed by UK and are currently under review.

The WQT and the resultant load allocations will be used to determine the maximum impact that CSO control will have on streams in helping to achieve water quality standards. These allocations will help delineate the achievable boundary of meeting standards through CSO control and where non-point source controls would need to be implemented.

#### **1.4 Public Outreach, Education, Notification and Participation**

In addition to the technical aspects of Consent Decree implementation, MSD has enhanced programs to inform, educate and involve both staff and the local community. The program is broken down into different components aimed at accomplishing the goals for Discharge Abatement Plan development, as well as Consent Decree program implementation. The programs involve basic understanding of the community's water quality challenges and the personal behavioral changes necessary for complete success. A description of the programs follows.

##### **1.4.1 Public Outreach**

MSD has developed a public outreach program aimed at educating the public on MSD's primary business functions with emphasis on wastewater, stormwater and flood protection. Presentations were given to numerous community groups during the reporting period. A portion of the presentation contains information related to the Consent Decree, including potential program direction and anticipated costs.

Below is a chronological summary of the **general outreach activities** during the reporting period.

January 3, 2008	Meeting with Metro Public Works about bioswales for Meyzeek Middle School
January 19, 2008	The theme for the 2008 KY Derby Festival Conference is "Going Green"! The KY Derby festival committee has requested a representative from MSD to sit on the panel and talk about Green Initiatives
January 24, 2008	Keynote Speaker for Annual Meeting of Salt River Watershed Basin
January 26, 2008	Volunteer event -- Invasive Plant Removal with Living Lands and Waters and Metro Parks along Butchertown Greenway
February 6, 2008	Presentation on Consent Decree, Disconnect Down Spouts to Douglass Blvd. Neighborhood Association

February 8,15,22,28,	Storm Water Management and Rain Garden Design Class for Louisville Youthbuild
February 5, 2008 – April 22, 2008	MSD is sponsoring the 2008 Advertising Federation HS campaign. The Challenge: This year’s marketing challenge is to create a marketing/advertising campaign that increases awareness about MSD’s Project WIN and encourages our community to prevent both point and non-point sources of water pollution when possible.
February 21, 2008	Kentucky Nurseryman Association – Keynote Address
February 23, 2008	Volunteer event – Invasive Plant Removal with Metro Parks and Living Lands and Waters
March 3, 2008	Rain Garden Workshop, Jefferson Memorial Forest
March 7,14,	Storm Water Management and Rain Garden Design Class for Louisville Youthbuild
March 15, 2008	X-Stream Clean Sweep - 16 sites county wide, 140 volunteers
March 25, 2008	Presentation on Consent Decree, etc for Neighborhood Institute

In addition, MSD staff attended the following “**District 12 Dialogues**” at the request of Councilman Blackwell:

January 15, 2008	Incarnation Catholic Church - 2229 Lower Hunters
February 19, 2008	Hillview Baptist Church -5319 Dixie Highway
March 18, 2008	Beechland Baptist Church - 4613 Greenwood Road.

MSD staff also attended the following “**Mayor’s Community Conversations**”:

January 28, 2008	Stuart Middle School large gym, 4601 Valley Station Road
February 18, 2008	Atherton High School small gym, 3000 Dundee Road
March 17, 2008	Butler High School small gym, 2222 Crums Lane

#### **1.4.2 Project WIN Public Meetings**

During this reporting period MSD planned the third round of public meetings, to be held in May 2008, that will provide an update on progress of the community’s Consent Decree compliance, and to obtain input on the discharge abatement plans that are being developed.

#### **1.4.3 Wet Weather Team Meetings**

The process of organizing a Wet Weather Team (WWT) as outlined in Consent Decree Paragraph 22 has been completed and WWT meetings are underway. Two WWT meetings

were held during this reporting period, as detailed below.

- January 15, 2008 – In this meeting the preliminary results of water quality modeling updates for the Ohio River and Beargrass Creek water quality models were presented. A discussion was held on the regulatory compliance impacts of the model results. Discussions on the impacts of the different financing methods along with the start of discussions about potential refinements to the MSD rate structure were held.
- February 16, 2008 – This meeting included a report on green infrastructure opportunities in the community. Further discussion on regulatory compliance approaches and discussions about CSO control approaches were held.

All information provided to the WWT is available on the Project WIN website, at [www.msdlouky.org/projectwin/](http://www.msdlouky.org/projectwin/).

#### **1.4.4 Public Education and Notification**

MSD produced and distributed a number of products aimed at educating the community on the objectives of Project WIN and how to lessen the risks associated with coming into contact with sewage overflows. Descriptions of these products are provided in sections 1.1 and 1.2 of this report. The following activities occurred within this reporting period:

- The 2007 MSD Annual Report was published and distributed.
- Advertisements to inform the public on Project WIN activities were published during the months of January, February and March in two local publications: *Business First* and *Louisville Magazine*.
- Advertisements to inform the public on Project WIN activities were published during the months of January and March in the local publication *Today's Woman*.
- Project WIN articles were published in MSD "Update" Issues.
- The annual mailing to all residents within 500 feet of Beargrass Creek was prepared.
- An advertisement for the Project WIN program was developed for submission to the *Courier Journal*.
- Created the Project WIN mascot (Kid WIN) to include on communications to the public.

MSD continues to post Project WIN information on the website. On MSD's home page, the Project WIN area provides important information on the condition of area streams, and shows a warning if overflows are likely to be happening or have happened in the past 48 hours. Clicking on the Project WIN logo brings up the Project WIN site, which includes a repository of public documents related to Project WIN, tips for customers to help control overflows through their personal actions, information about the history and background of Project WIN, and a place to sign up for overflow advisory emails warning when significant precipitation has caused overflows in MSD's system.

- Updates were made to the wet weather notification process. Start and stop times of the rain events are now being captured on MSD's intranet so that consistent decisions can be made.



- Notifications of blending events at the Jeffersontown WTP are now posted on the Project WIN website.

MSD updated the “calendar” of public information activities for the upcoming year. It is anticipated that the calendar will address unique activities such as Project WIN public meetings held in support of SSDP and LTCP development, and also repetitive information and outreach activities. An example of repeating activities is MSD’s plan to develop and disseminate information about control of household fats, oils and grease prior to the holiday season. MSD anticipates repeating this message every year before the holidays. Messages will also be developed and disseminated prior to the winter wet weather season, the summer recreation season, and the autumn lawn-clean-up season.

Information related to this Consent Decree and Project WIN may be found at [www.msdlouky.org/projectwin/](http://www.msdlouky.org/projectwin/).

## **SECTION 2: Performance Overview**

### **2.1 Unauthorized Discharges to Waters of the United States**

Appendix B includes information related to MSD's discharges to waters of the United States for the reporting period. This information is entered and maintained in the Hansen Information Management System (Hansen) utilizing procedures reviewed and improved through efforts associated with various components of the Consent Decree. These discharges have been reported to KDEP and EPA through automated email, telephone calls, and monthly wastewater treatment plant discharge monitoring reports (DMRs).

Included in Appendix B is a report that lists all of the bypasses at our treatment plants during this reporting period. Bypasses were reported for the following treatment plants:

- Starview Estates
- Berrytown
- Cedar Creek
- Hunting Creek North
- Hunting Creek South
- Timberlake

Also included in Appendix B is a report that lists the blending events that occurred at the Jeffersontown WTP starting February 12, 2008. Blending events, as posted on the Project WIN website, started on the following days:

- February 12, 2008
- February 22, 2008
- March 4, 2008
- March 18, 2008
- March 19, 2008
- March 27, 2008

### **2.2 Overflows to Ground**

MSD recorded information related to overflows to the ground that did not reach waters of the United States for the reporting period. This information is entered and maintained in Hansen utilizing procedures reviewed and improved through efforts associated with various components of the Consent Decree. These overflows will be included in the FY 2008 Annual Report for the period of July 1, 2007, through June 30, 2008.

### **2.3 Overflows to Interior**

MSD recorded information related to overflows to building interiors for the reporting period. This information is entered and maintained in Hansen utilizing procedures reviewed and improved

through efforts associated with various components of the Consent Decree. These overflows will be included in the Annual Report for the period of July 1, 2007, through June 30, 2008.

## **2.4 CSO Reductions**

Appendix C includes the June 30, 2007, version of modeled Annual Average Overflow Volume (AAOV) for the permitted CSOs. As mentioned previously, a new AAOV for permitted CSOs will be submitted in the next Quarterly Report derived from the newly calibrated and detailed CSO hydraulic model.

Two projects were completed during this reporting period that impacted permitted CSOs, achieving a reduction in wet weather CSO volume.

- CSO 194 Elimination, as reported in Section 1.1 was completed. This CSO was estimated to have a CSO AAOV of approximately 0 million gallons per year. The overflow only occurred during storms exceeding those in a typical year.
- CSO 32 Elimination, as reported in Section 1.1 was completed. This CSO was estimated to have a CSO AAOV of approximately 0 million gallons per year. The overflow only occurred during storms exceeding those in a typical year.

In addition, the following occurred over the reporting period related to CSO monitoring. Appendix D includes CSO flow monitoring information for the reporting period.

- It should be noted that CSO 019 flow meter experienced some instrumentation problems and a power failure. MSD was unable to download data from March 2, 2008 to March 31, 2008.
- Project underway to install flow meters at CSO62, CSO97, CSO146 and CSO16
- Project underway to upgrade existing flow meters with telemetry and power at CSO210 and CSO211
- Flow meter installed at CSO125 during this reporting period.
- Process is underway to use existing Plant Information (PI) data tags to calculate the flow at CSO 15 and CSO 191. Difficulty in reporting overflows for these CSOs arises when the Ohio River is above normal stage.
- Process in development to install and use the level indicator to calculate flow at CSO20

### Morris Forman WTP

The average daily flow for March 2008 was 202.9 MGD, breaking the record of 171.4 MGD set in February 2008. Morris Forman WTP had an average daily flow of 313.3 MGD on March 19, 2008. There were 10 days during the month where the peak flow was over 300 MGD. The biggest impact on plant operations related to the unusually high sodium hypochlorite doses required to meet the fecal limit. Despite the record-setting flows in March, there were no KPDES permit violations, and the plant removed 91% of influent TSS and 89% of influent BOD.

### Jeffersontown WTP

Beginning July 1, 2008, the following activities will occur for this treatment plant:

- Plant effluent will be sampled 7 days per week, analyzing for the parameters listed per

the KPDES Permit. This data will be submitted in the Quarterly Reports starting October 30, 2008.

- Electronic monitoring of the water surface elevation in the siphon head box will begin. When this level indicates that SSOs are close to occurring, the constructed overflow siphon and manholes on the gravity interceptor within two thousand feet of the headworks of the Jeffersontown WTP that may overflow will be inspected. When these inspections identify an SSO, the occurrence will be documented and reported in accordance with the approved SORP for the 24-hour notification. Unauthorized Discharges will be submitted in the Quarterly Reports starting October 30, 2008.

## **2.5 SSO Reductions**

Estimation of SSO volume is not available in the same manner as it is for the CSO locations. The SSO volume reductions are estimates based on actual observations or from flow monitoring information.

The Acushnet Pump Station was eliminated (formerly known as the Murray Hills Area Pump Station Upgrade project - Budget ID F06297) in an effort to reduce or eliminate SSOs. During this reporting period, the roadway and driveway paving have been completed. Final project close out is expected during the next reporting period.

The Holly Oaks Pump Station is scheduled to be eliminated, as part of the Fern Hills Subdivision Interceptor #8 (Budget ID C94086), in the next reporting period in an effort to reduce or eliminate SSOs.

### **SECTION 3: Project WIN Program Activities for the Next Reporting Period**

This section describes the anticipated projects and activities (CMOM activities can be found in Section 4 of this document) that are scheduled to be performed during the next reporting period (April 1, 2008, through June 30, 2008) for continued compliance with the Consent Decree.

#### **3.1 Nine Minimum Controls Implementation**

Implementation of the NMC program is an on-going initiative. MSD will continue to review programs and assess the need to employ programmatic enhancements and CSS improvements. Specific enhancement activities to be implemented during the next reporting period, over and above the routine activities already in place and discussed in Section 1.1, are as follows:

##### NMC 1: Proper Operation and Maintenance Program

- Construction activities will continue to remove the mechanical regulators within the CSS on the last three regulators at CSO 108, CSO118 and CSO 132.
- Revisions to the CSO components will be made in Hansen to show that the regulators have been removed.
- The text in the CSO Inventory will be reviewed, and drawings will be updated and in some cases digitized to provide clarity during the next reporting period.
- Evaluation of CSO quick hits eliminations will continue into the reporting period.
- Plans will be developed for the elimination of CSO 30 and CSO 33 on the Central Relief Drain within the next reporting period.

##### NMC 2: Maximization of Storage in the Collection System

- Continuation of the review of pump stations within the CSS to determine if additional operational modifications are feasible, further maximizing operations and efficiently transporting more flow to the Morris Forman WTP for treatment. Discussions with the U.S. Army Corps of Engineers (USACE) will occur regarding proposed modifications to the operation of flood and sanitary pump stations that will minimize sewer overflows.
- Completion and bidding of RTC Phase II Final Design projects, which includes the four RTC projects described in Section 1.3.2.1 Interim LTCP. RTC Phase II construction is to be completed by December 31, 2008, as required within the Consent Decree.
- Completion of flapgate evaluation on CSO outfall pipes, further limiting the possibility for inflow of river/creek water into the CSS during high stream flow events. Note: High water conditions may delay this initiative.

##### NMC 3: Review and Modification of Pretreatment Requirements

- Follow-up inspections and meetings will be conducted at the top five NDDs to discuss the requests listed in their respective letters and to review forms used to document wet weather discharge minimization activities. Follow-up meetings will help determine the value in incorporating the voluntary commitments into permit requirements.

- Continue implementation of the CSO-SIU project in conjunction with the LTCP preparation. Data from the new hydraulic model of the Combined Sewer System will be used to reassess pollutants of concern and NDDs of interest in the spreadsheet models for conventional pollutants and metals. The revised models will be used to identify any new NDDs of interest and to base future data collection initiatives intended to validate the model predictions or confirm new NDDs of interest.
- Formalize and document internal procedures for regulation of new significant non-domestic dischargers in the CSS.

**NMC 4: Maximization of Flow at the Morris Forman Wastewater Treatment Plant**

- Evaluation of alternatives to sodium hypochlorite for disinfection during high flows. A successful replacement or addition may allow MSD to improve disinfection system effectiveness at high flows to ensure that disinfection performance does not become a constraint on treatment capacity.
- Continue the development of a system to track and continuously display the availability of the critical (i.e. rate-limiting) unit processes, the percentage of time the full firm capacity of the treatment system is available to treat wet weather flows, and the percentage of time during wet weather events that the plant operates within 95% of the peak flow capacity of the plant as determined by the capacity calculator.
- Continue the RTC Phase II final design. RTC Phase II includes a project that will allow the RTC computer system to regulate the flows into Morris Forman WTP, based on the current availability of treatment trains. Construction is to be completed by December 31, 2008, as required within the Consent Decree.

**NMC 5: Elimination of CSOs During Dry Weather**

- Continued the evaluation of dry weather overflows, with emphasis on the CSS, to determine causes and to determine the need for corrective activities, such as the addition of backup generators.

**NMC 6: Control of Solid and Floatable Materials in Combined Sewer Overflows**

- Development will begin on an expanded visual inspection program to determine the efficiency of installed controls.
- The CSO 146 solids and floatables control baffle vault (Budget ID H07026) is expected to have as-built drawings completed within the next reporting period.

**NMC 7: Pollution Prevention Programs to Reduce Contaminants in CSOs**

- Continue to facilitate clean sweep events and coordinate volunteers to remove trash and debris from the waterways in Jefferson County.
- Distribute a rain garden manual outlining design and installation procedures for homeowners.
- Facilitate rain barrel give-away events and a spring sale in partnership with the Louisville Nature Center.

- Prepare and distribute informational pieces, targeted to inform customers and residents on activities that can be practiced within their homes to assist in the reduction of overflows within the collection system.
- Continue to promote Green Infrastructure initiatives within Jefferson County, such as pervious pavement.
- Continue coordination with Louisville Metro staff for programs such as street sweeping, Operation Brightside, "Adopt-a-Highway" cleanup programs, and litter pick-up activities to maximize the efficiency of those operations and determine the amounts of materials as they relate to preventing solids and floatables from entering the CSS.

NMC 8: Public Notification

- Inspect the Overflow Advisory Signs annually, before May 1, which is the official start of the recreational contact season in Kentucky. Missing or damaged signs will be replaced.
- Distribute informational material, by May 1, providing a general overview and awareness relating to public health impacts associated with sewer overflows and an update of Project WIN initiatives. This will be accomplished by the development of a half page insert for publication in the Courier Journal outlining Project WIN initiatives and water quality information within the next reporting period. This insert is scheduled to be published the week of April 6, 2008.
- Distribute information material, by May 1, to residents living within 500 feet of the Ohio River and Beargrass Creek, alerting them to wet weather issues, particularly how to minimize the risks of coming into contact with water that may contain sewage. This distribution is scheduled to be mailed during the week of April 14<sup>th</sup>.
- Finalize the Recreational Contact Survey detailing the extent of potential human contact to impacted waterways during the recreational season. This study consisted of visual observations of recreational use in and around key locations along Beargrass Creek and the Ohio River within Jefferson County that are easily accessible to the public. The results of the study will be used to determine if additional signage, information displays or other public notification efforts are warranted at locations of high use.
- Write an article on the closure of CSO 194 and CSO 32 for the April addition of the MSD Update.
- Develop an advertisement for the Courier Journal promoting water quality issues and the Consent Decree.

NMC 9: Monitoring to Characterize CSO Impacts and the Efficacy of CSO Controls

- MSD will periodically review the potential impacts of Significant Industrial Users (SIUs) on pollutant discharges from CSOs. For those CSOs that have SIUs in the tributary sewershed, the SIU discharge characteristics (flows and loads) will be assessed to determine if these discharges could have a significant impact on the assumed Event Mean Concentration (EMC) of pollutants. If EMCs could be significantly increased due to SIU discharges during wet weather events, the EMC for that CSO will be adjusted to account for this load. This will have an impact on the scoring of the benefits of providing higher levels of control on the particular CSO during the benefit/cost evaluation being



conducted as part of the IOAP. This evaluation may also indicate that additional wet weather control strategies should be considered for implementation at SIUs discharging those pollutants, if the impacts on overflow control costs are potentially significant. MSD may also share the cost of control strategies at these SIUs.

- Development will continue on an expanded visual inspection program to determine the efficiency of installed controls.
- MSD will perform sampling upstream and downstream of CS0 206, as well as the overflow stream, during dry and wet weather to establish baseline conditions prior to its elimination. This sampling is scheduled to occur during the 2008 recreational season.
- Sonde data will continue to be collected through the USGS Automated Data Processing System (ADAPS) site and additional quality control review procedures will be defined.
- The InfoWorks combined sewer model has been calibrated in preparation for simulating the CSO mitigation projects to be included in the final LTCP. CSO mitigation projects will be simulated within the model and analyzed for efficacy, collective impact, and level of protection (e.g. 2, 4, or 8 overflows per year). Additionally, this model will be truly integrated with the contributing separate sanitary sewer service areas into a complete sewer model for all areas flowing to the Morris Forman WTP. Finally, more detailed Real Time Control point rules will be coded into the sewer model to include RTC storage and their related impact on the LTCP abatement solutions.
- Final, draft pollutant load allocations will be simulated to attribute load to each pollutant source for use in the TMDLs. The CSO control projects and their overflow volume reduction will be simulated to assess the LTCP's ability to meet water quality standards and the extent to which other loading sources are responsible. Overall impacts of CSOs on receiving streams will be summarized using the results of these models combined with professional opinion of model limitations and additional environmental parameters.
- Continued review and update of the CSS pollutant characterization table is planned for the next reporting period.

### **3.2 Sewer Overflow Response Protocol (SORP) Implementation**

The following activities will be performed in the next reporting period as identified in the approved SORP:

#### Overflow Management and Field Documentation

- Additional field reviews of SORP procedures to both ensure successful implementation and to assist with the annual SORP overall review will be performed.
- Additional field audits planned for the MOP verification.

#### Public Notification and Communication

- Annual inspection of Overflow Advisory signs will be completed by May 1, 2008.
- The XY coordinates for all signs are scheduled to be added to the Hansen Inventory on April 1, 2008.



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Regulatory Reporting and Data Management

- Review of Discharge Work Orders will continue and assets will be updated to reflect status.

Staff Training and Communication

- SORP Training will be scheduled and administered.

Annual SORP Review

- MSD will continue the annual SORP protocols and procedures review. Once review is completed any modifications, a new SORP will be submitted to EPA and KDEP for review and approval.

**3.3 Discharge Abatement Plans**

The schedules for the discharge abatement plans (SSDP and LTCP) are shown in Appendix A. While the schedules are shown separately, many of the same activities are required, such as alternative development and evaluation, performance evaluations etc. In addition, some of the activities such as affordability evaluation and rate impacts are programmatic in nature, applying to both discharge abatement plans. These are scheduled to be completed on an integrated program rather than the individual components.

**3.3.1 Sanitary Sewer Discharge Plan**

The schedule for development of the Sanitary Sewer System discharge abatement plan is shown in Appendix A.

**3.3.1.1 Updated SSOP Implementation**

The following projects are under design and/or construction, and will be active during the next reporting period: Refer to Appendix A-1 for a chart showing a schedule of the activities described in this section.

- Fern Hill Subdivision Interceptor #8 (Budget ID C94086) – Construction will continue during the next reporting period with the diversion of the Holly Oaks Pump Station expected at that time. The project will be completed by March 30, 2009, in accordance with the Consent Decree.
- Thurman Drive Pump Station Elimination (Budget ID B06299) - The contractor is expected to have completed 50 percent of the installation of the needed interceptor. Once completed, the Thurman Drive Pump Station will be taken out of service and the flow diverted to a gravity interceptor, remaining in the West County WTP service area. This project will be completed by September 30, 2008, in accordance with the Consent Decree.
- Zabel Way Pump Station Elimination (Budget ID C06295) - The construction contract is expected to be advertised and construction will begin by June 2008. The flow, once diverted from the Zabel Way Pump Station will remain in the West County WTP service area. The project will be completed by September 30, 2008, in accordance with the Consent Decree.

- Murray Hills Area Pump Station Upgrades (Budget ID F06297) – The flow from Acushnet Pump Station, (Murray Hills Area Pump Station Upgrade Project), was diverted to a gravity sewer in December 2007. Final project close out is expected during this reporting period. The project will be completed prior to September 30, 2008, in accordance with the Consent Decree.
- Interceptor Condition Assessment Phase 1 (Budget ID H04272) – In the next reporting period, MSD will continue to schedule and begin corrective/rehabilitation projects to address the Phase 1 findings from the Interceptor Condition Inspections.

The first project – Northern Ditch Int. Rehab Phase 1 (Budget ID H07298) will be advertised in early May.

In addition, construction contracts for at least three of the remaining six rehabilitation projects are expected to be advertised for bidders during this reporting period. An analysis of samples will be obtained to address concerns regarding disposal of the waste that results from the interceptor cleaning effort and nearby residents will be notified of the proposed work for the projects being bid. Projects will be completed prior to December 31, 2008, in accordance with the Consent Decree.

- H07294- Sinking Fork Int. Rehab Phase 1
- H06301-Beechwood Village SSO Abatement Phase 1
- H07295-Hikes Lane Rehab Phase 1
- H07296-Goldsmith Lane Rehab Phase 1
- H07297-Buechel Branch Rehab Phase 1
- H04276-Middle Fork System Improvements Phase 1

### **3.3.1.2 Interim Sanitary Sewer Discharge Plan (ISSDP)**

The revised ISSDP was submitted on March 7, 2008. The implementation of this plan, upon approval, will continue during the next reporting period, with preliminary engineering, route selection, easement acquisition and related activities underway on the following projects:

- Beechwood Village (Budget ID E07261 & E08036) - Design will remain at the 90 percent stage while easements are being negotiated and the downstream sewer is being designed. A meeting with the U.S. Army Corps of Engineers regarding the possible Sinking Fork Relief Sewer route will be held. MSD will continue to negotiate for the remaining temporary easements needed to complete the construction project. In the upcoming three months, it is expected to have selected the route for the Sinking Fork Interceptor Relief Sewer which will require additional negotiations with associated property owners. The project will be completed by April 2011, in accordance with the revised ISSDP.
- Southeast Diversion Structure Modifications (Budget ID H08359)– Construction will be required for a new relief interceptor parallel to the Southeast Interceptor from the Southeast Diversion Structure to the Northern Ditch Interceptor. A new junction structure is expected to be constructed to connect this relief sewer to the proposed Hikes Lane Interceptor and the existing Buechel Branch Interceptor. Professional

services selection will be continued during this reporting period. The construction to eliminate the Southeast Diversion overflow will be completed by December 2011, in accordance with the revised ISSDP. The junction structure and the Southeastern Relief Interceptor will be completed in coordination with the Hikes Lane Interceptor by May 2012, in accordance with the revised ISSDP.

- Highgate Springs and Hikes Point Area (Budget ID H07286 & H07287) – The Preliminary Design Report will continue with an analysis of the most feasible Hikes Lane Interceptor route, using utility I, geotechnical and traffic analyses. Construction will be completed by November 2012, in accordance with the revised ISSDP.
- West County WTP Wet Weather Equalization and Treatment Project (Budget ID H06302) - Technical Memos (TMs) will be prepared in draft and final format on the projected flows and loadings to the West County WTP and an analysis of treatment process alternatives during this reporting period. The design of the Northern Ditch Diversion Interceptor (Budget ID C8507) to divert wastewater to the West County WTP will continue, with easement negotiations expected to start in the next reporting period. MSD will continue communications with USACE regarding stream crossing and wetlands permits. Construction of flow equalization and high-rate secondary treatment at the West County WTP will be completed by December 31, 2011, in accordance with the revised ISSDP.
- Increased Performance for ISSDP Elements - Additional overflow eliminations that may require flow to be routed through the conveyance and treatment processes listed above are currently being analyzed. Adjustments to design parameters (size, storage) of the above are being considered to allow the projects to accommodate additional wet weather flows. A summary of these elimination projects will be included in the Final SSDP by December 31, 2008, in accordance with the Consent Decree.

### **3.3.1.3 Final Sanitary Sewer Discharge Plan**

Refer to Appendix A-2 for a chart showing a schedule of the activities described in this section. The following activities are planned for the next reporting period:

- Complete the calibration, validation, quality control reviews, and address all quality control comment for the hydraulic models addressing the regional treatment plant sewersheds (Jeffersontown, Floyd's Fork, Cedar Creek, Hite Creek and West County) and the sanitary sewer sub-sewershed that are tributary to the Morris Forman WTP.
- Continue to develop and evaluate mitigation approaches for SSOs occurring in the sewersheds of the small treatment plants using more limited modeling approaches.
- Conduct a second field investigation of "modeled overflow points" not previously identified as documented or suspected SSOs.
- Identification and mapping of system deficiencies to be addressed in the SSDP.
- Identification of potential solutions for all documented and suspected SSOs.
- "Ground-truthing" potential SSO solutions prior to alternative development.

- Complete the initial development, sizing based on the boundary condition, and the benefit/cost evaluation of SSO elimination alternatives, and begin the process of consolidating, validating, and prioritizing the alternatives.
- Begin to evaluate differing levels of control (as compared to the boundary condition) for the preferred alternative solution addressing each SSO.
- Conduct a capacity review in accordance with EPA guidance documents for those plants that are projected to receive additional flows as a result of SSO elimination. Note that this evaluation will draw upon the results of capacity analyses also underway in the CMOM program. The capacity evaluations will essentially be complete by the end of the next reporting period, and the resultant project costs included in the overall evaluation of alternatives.
- Analyze the programmatic performance of the alternatives following the initial development, evaluation, and prioritization.
- Begin an analysis of possible rate impacts after the preliminary list of preferred projects is developed.
- Present preliminary results of preferred projects to Wet Weather Team Stakeholder Group, and to the third round of Project WIN public meetings scheduled for May 2008.
- Begin drafting Integrated Overflow Abatement Plan (IOAP) Volume 1, Sections 1, 2, 3, and portions of Sections 4, 5, and 6.
- Begin drafting IOAP Volume 3 Sections 1 and 2.
- Meet with representatives of EPA and KDEP to discuss technical issues relative to IOAP development.

### **3.3.2 Long Term Control Plan**

The schedule for development of the LTCP is shown in Appendix A.

#### **3.3.2.1 Interim Long Term Control Plan**

The following projects are under design and/or construction, and will be active during the next reporting period: Refer to Appendix A-3 for a chart showing a schedule of the activities described in this section.

- RTC at Southwestern Outfall SWOR2 (Budget ID I05055) – Construction will continue during the next reporting period provided high water allows contractor to work in the live sewer safely. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- RTC at CSO 108 (Budget ID I03588) – During the next reporting period the design is expected to be completed and the project bid for construction. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- Integration of Southwestern Pump Station/Main Diversion Structure/Morris Forman Wastewater Treatment Plant (Budget ID I05056) – During the next reporting period the design is expected to be completed and the project bid for construction. This project will be completed by December 31, 2008, in accordance with the Consent Decree.

- Integration of Wheeler Basin (Budget ID I05057) – During the next reporting period the design is expected to be completed and the project bid for construction. This project will be completed by December 31, 2008, in accordance with the Consent Decree.
- CSO 206 Sewer Separation – During the next reporting period construction on Areas 10 through 12 (Budget ID I01061) will be completed. Areas 13 through 15 (of 15 total) of this project (Budget ID I01062) will have final design completed including the expanded scope of work to include the Roanoke Avenue sewer. This project will be completed in accordance with the Consent Decree by March 31, 2009.

### **3.3.2.2 Final Long Term Control Plan**

A brief description of the major activities planned in the next reporting period is as follows. Refer to Appendix A-4 for a chart showing a schedule of the activities described in this section.

- Complete written summary of CSO control technologies.
- Continue the ongoing CSS flow monitoring work and flow monitoring on approximately 25 CSO outfalls. Data obtained as part of this monitoring effort will continue to be used to validate the CSO model and provide general guidance on the operational characteristics of the CSS.
- Complete the calibration and validation of the hydraulic model of the CSS. Complete QC reviews and address QC comments. The models of the sanitary sewer system sewersheds that are tributary to the CSS will be merged into the CSS model, to allow a comprehensive evaluation of the impacts of SSO control project on the CSS. Detailed Real Time Control rules will be coded into the combined sewer model for Phase I & II to better define the model baseline for ultimate LTCP sizing.
- Complete modifications to the Ohio River Valley Water Sanitation Commission (ORSANCO) model of a segment of the Ohio River in the vicinity of Louisville. Complete calibration and validation, and begin to use the model for evaluating the water quality impacts of CSOs on the river and resulting benefits of certain CSO abatement scenarios.
- Initiate a water quality standards review in accordance with the CSO Policy and LTCP development guidance if final model results confirm the preliminary findings. The water quality standards review will address the inability of CSO controls to solely achieve water quality standards for bacteria during significant wet weather events.
- Use the Beargrass Creek Water Quality Tool to support the development of dissolved oxygen and fecal coliform TMDLs for Beargrass Creek, with submittal of draft TMDLs to the State anticipated during the reporting period. The WQT will also be utilized in LTCP process to evaluate the effectiveness of various CSO control alternatives and could also result in a review of the water quality standards to address the inability of CSO controls to solely achieve these standards for bacteria during wet weather.
- Complete calibration and validation of the Beargrass Creek Water Quality Tool, and provide loading information to the team drafting the TMDL.
- Begin drafting summary of CSS and receiving water monitoring activities to date.



- Complete draft of a new Average Annual Overflow Volume table for CSOs based on the new detailed InfoWorks model for the CSS.
- Identify the baseline conditions for CSS overflow abatement alternative analysis.
- Analyze opportunities for green infrastructure in each CSO basin. Quantify the potential efficacy and overflow volume reductions that could reasonably be achieved using green controls over a number of years following the submittal of the LTCP. This volume reduction will be recognized in the initial sizing of the traditional ‘gray’ solutions, assessed at an identified milestone during LTCP implementation, and adjusted according to the results of this assessment.
- Complete preliminary alternative development and sizing based on a control level of 4 overflows per year. Begin the process to evaluate, consolidate, validate, and prioritize potential abatement approaches.
- Begin evaluating different levels of control (e.g. other than 4 overflows/year) using the benefit/cost evaluation process for the preferred alternative approaches.
- Begin to analyze the programmatic performance of the alternatives following the initial development, evaluation, and prioritization of the alternatives.
- Begin to analyze possible rate impacts after the preliminary list of preferred projects is developed.
- Present preliminary results of the preferred to the Wet Weather Team Stakeholder Group and present at the third round of Project WIN public meetings.
- Begin drafting IOAP Volume 2, Sections 1 and 2, and portions of Section 3.
- Meet with representatives of EPA and KDEP to discuss technical issues relative to IOAP development.

### 3.4 Public Outreach, Education, Notification and Participation

The public participation process consists of several related components: Stakeholder involvement as part of the WWT; public outreach through community meetings and MSD’s Speaker’s Bureau; public education through MSD mailings, brochures, newsletters and MSD’s webpage; and, public input through a series of public meetings and a public hearing.

#### 3.4.1 Public Outreach

A series of public outreach meetings will be held during the next reporting period. The intent of these meetings is to discuss with the public the extent of the CSO and SSO issues, and potential mitigation/elimination strategies. This will be an opportunity to hear from the public what concerns they have about projects that might occur in their neighborhood, and what other opportunities for problem solving they might see.

Below is a chronological summary of the **general outreach activities** scheduled to occur during the next reporting period.

April 2, 2008	Presentation on Native Plants, Rain Gardens and Rain Barrels for Storm Water Management for Floyds Fork Watershed Group
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April 14, 2008	Rain Barrel Sale (on-going)
April 19, 2008	Rain Garden Workshop for Louisville Nature Center/Rain Garden Installation at Louisville Nature Center
May 10, 2008	Public presentation on Native Plants, Rain Gardens and Rain Barrels for Storm Water Management - Louisville Nature Center
May 18, 2008	Presentation on Native Plants, Rain Gardens and Rain Barrels for Storm Water Management for Old Louisville Neighborhood Association
June 21, 2008	Ohio River Sweep
June 28, 2008	Rain Garden/Rain Barrel Workshop for Bernheim Arboretum and Research Forest
June 2008	Rain Garden Installation for the Clifton Neighborhood

MSD staff is scheduled to attend the following “**District 12 Dialogues**” at the request of Councilmember Blackwell during the next reporting period

April 15, 2008	Shively Christian Church - 1822 Kendall Lane.
May 20 2008	St. Lawrence Catholic Church - 1925 Lewiston Drive.
June 17, 2008	Ormsby Heights Baptist Church - 2120 Lower Hunters Trace

**Mayor’s Community Conversation** meetings are scheduled for the next reporting period:

April 21, 2008	Fairdale High School small gym, 1001 Fairdale Road
May 19, 2008	Jeffersontown High School gym, 9600 Old Six Mile Lane
June 16, 2008	Knight Middle School large gym, 9803 Blue Lick Road

### 3.4.2 Project WIN Public Meetings

During the next reporting period, MSD will conduct the third round of public meetings to provide an update on progress of the community’s Consent Decree compliance, and to obtain input on the discharge abatement plans being developed. The first round of meetings informed the public about the Consent Decree, Project WIN, and what individual homeowners can do. The second round of meetings, held during the previous reporting periods, provided and update on Project WIN progress, and obtain feedback from customers on the proposed Project WIN rate increase.

The third round of public meetings is scheduled for May 5, 2008 through May 26, 2008. The purpose of these meetings will be to present preliminary overflow abatement projects tentatively

planned in the areas near the meeting center. Public input will be solicited relative to project location, project appearance, and project integration into the surrounding neighborhoods. Input from the public obtained during these meetings will be used to shape the final configuration of projects that are proposed for inclusion in the Wet Weather Plan.

### **3.4.3 Wet Weather Team Meetings**

The WWT has been formed, and regular meetings are being conducted approximately every four to six weeks during this reporting period. As previously discussed, this team will address the issues related both to the development of the SSDP and LTCP. Although the meetings are shown in both schedules, they are the same. The stakeholder component of this team is comprised of community leaders, environmental advocates, and industry representatives. The stakeholder group will assist MSD in the development and implementation of programs and projects that will satisfy the requirements of the Consent Decree while meeting the level of service objectives of the community.

The schedule of WWT meetings, along with the meeting topics, planned for the next reporting periods are as follows:

- April 3, 2008 – This meeting will review the preliminary list of projects and summary results from the benefit/cost evaluations. A discussion of the draft post-construction compliance monitoring approach is scheduled, along with a discussion of the draft on-going education and outreach plan.
- May 15, 2008 – In this meeting, MSD plans to report on the third round of Project WIN public meetings. An introductory discussion of the programmatic evaluation and selection of Wet Weather Plan (WWP) program elements is also scheduled, including a preview of the “knee of the curve” results, if available.
- June 19, 2008 – This meeting will continue the discussion of the draft list of potential projects, the knee of the curve evaluation, and how the overall cost of the program could affect future rates.

### **3.4.4 Public Education and Notification**

MSD will continue to update an annual “calendar” of public information activities. It is anticipated that the calendar will address unique activities such as Project WIN public meetings held in support of SSDP and LTCP development, and also repetitive information and outreach activities. An example of repeating activities is MSD’s plan to develop and disseminate information about control of household fats, oils and grease prior to the holiday season. MSD anticipates repeating this message every year before the holidays. Messages will also be developed and disseminated prior to the winter wet weather season, the summer recreation season, and the autumn lawn-clean-up season.

The following activities will occur during this reporting period:

- Advertisements to inform the public on Project WIN activities will be published during the months of April, May and June in *Business First* and the *Louisville Magazine*.
- Advertisements to inform the public on Project WIN activities will be published during the month of May in *Today’s Woman*.



- A mailing will be posted to approximately 15,700 residents within 500 feet of Beargrass Creek and the Ohio River during the week of April 14, 2008.
- An advertisement will be published in the Sunday Courier Journal on April 6, 2008 that will discuss water quality issues and the Consent Decree. This same publication will also appear in the Neighborhood Sections on Wednesday of that week.

Information related to this Consent Decree and Project WIN may be found at [www.msdlouky.org/projectwin/](http://www.msdlouky.org/projectwin/).

## **SECTION 4: Capacity Management Operations and Maintenance (CMOM)**

### **4.1 Program Activities for Reporting Period (January 1, 2008 to March 31, 2008)**

Per Paragraph 23.c of the Consent Decree, the Capacity Management Operations and Maintenance (CMOM) Self Assessment Report was submitted to EPA and KDEP on February 10, 2006. MSD received a letter of approval on August 22, 2006. The approved CMOM document can be viewed on the MSD Project WIN website [www.msdlouky.org/projectwin](http://www.msdlouky.org/projectwin). Highlights of the CMOM program implementation over this reporting period are outlined below:

MSD continued to implement the recommendations from the CMOM Self-Assessment report. The activities are being performed using a combination of in-house resources and consultants. A summary of the activities which occurred during this reporting period is presented below. Refer to Appendix A - 5 for a chart showing a schedule of the activities described in this section.

#### **4.1.1 Activities for this Reporting Period (January 1, 2008 to March 31, 2008)**

- M-D-4 Revise Utility Information Management (UIM) Support Plan (Due May 14, 2009). MSD began to develop a web-based information and collaboration portal to improve the accessibility of document control and project control systems, and also to update the performance measure dashboard that was originally developed in CMOM Task M-D-3 "Implement UIM Support Plan". An assessment of hardware and software needs to implement a SharePoint web site was prepared. This assessment was then used to develop hardware and software purchase specifications that will be taken to MSD's Board for approval in the next reporting period.
- M-E-4 Annual Continuing Sewer System Assessment Update (Due December 31, 2008). MSD has begun developing the Annual Continuing Sewer System Assessment (CSSA) Update Report. The CSSA Update Report will address accomplishments for each fiscal year and identify specific infrastructure rehabilitation/replacement projects and O&M actions based on asset condition assessment. The Annual CSSA Update Report will also propose areas of the system to assess for the coming year. MSD participated in the review of the SIMPLE software and started performing a GAPX analysis. Training on the use of PACP TV Inspection Codes has been scheduled and will occur during the next reporting period. Following the training, a series of task meetings will be held to continue the implementation of the CSSA.
- M-E-5 Continuing Sewer System Assessment (Due June 30, 2008). MSD continued to incorporate the findings and recommendations of the Phase 1 Assessment into the Continuing Sewer System Assessment (CSSA) and has scheduled corrective/rehabilitation projects to address the Interceptor Condition Assessment Phase 1 (Budget ID H04272) findings. MSD began the process to identify the next round of proposed interceptor condition assessments, and develop projects and budgets for inclusion in the next fiscal year budget. This process will be completed in the next reporting period as part of MSD's annual budgeting process.

MSD will continue to schedule and begin corrective/rehabilitation projects to address the Phase 1 findings from the Interceptor Condition Inspections. The first project – Northern Ditch Int. Rehab Phase 1 (Budget ID H07298) will be advertised in early May. In addition, construction contracts for at least three of the remaining six rehabilitation

projects are expected to be advertised for bidders during this reporting period. An analysis of samples will be obtained to address concerns regarding disposal of the waste that results from the interceptor cleaning effort and nearby residents will be notified of the proposed work for the projects being bid. The projects are scheduled to be completed by December 31, 2008, in accordance with the Sanitary Sewer Overflow Plan (SSOP).

- H07294- Sinking Fork Int. Rehab Phase 1
  - H06301-Beechwood Village SSO Abatement Phase 1
  - H07295-Hikes Lane Rehab Phase 1
  - H07296-Goldsmith Lane Rehab Phase 1
  - H07297-Buechel Branch Rehab Phase 1
  - H04276-Middle Fork System Improvements Phase 1
- M-E-8 Current and Committed Capacity (Due February 28, 2008). As part of the development of the System Capacity Assurance Plan and the Integrated Overflow Abatement Plan (IOAP), MSD developed hydraulic models for the entire service area using InfoWorks CS modeling software. The sewer system models contain pump stations, hydraulic structures, interceptors, real time control features, and collector sewers (to 18" sewers in the CSS and 8" sewers in the SSS) within the MSD service area. During this reporting period, the process for documenting current and committed capacity in each treatment plant watershed was reviewed and updated. Work also began to update and improve the processes for tracking current and committed capacity for pump stations and sewer lines. This work includes the development of standard report templates to track new lateral extension requests that will flow to each pump station, similar to the way new flow requests are tracked for treatment plants. Additionally, collection system and pump station surcharge reports and GIS information are currently being generated for the SCAP design event using the hydraulic sewer models as a basis to make this information more readily available to the LE review team.
  - M-E-10 Available Capacity SOP (Due February 28, 2008). The available capacity Standard Operating Procedures (SOP) are described in the System Capacity Assurance Plan (SCAP), dated February 28, 2008. The SCAP provides a programmatic approach from items such as: confirming capacity of wastewater treatment plants (WTP), pump stations, and conveyance system; identifying hydraulic constrictions, and proposing capacity improvements that support interim and Wet Weather Plan (WWP) performance objectives.
  - M-L-1 Implement Back-up Power (Due December 31, 2008). (Budget ID F07226) MSD installed and successfully tested the generator at the Westover Pump Station. The installation of the natural gas generators began in late March at Trail Ridge and Grand Isle Pump Stations. The propane generator and storage buildings for the Wind Ridge and Breakwater Pump Stations have been delivered to the site. In a separate contract, the natural gas generator for the Anchor Estates #2 Pump Station and the propane generator systems for the St. Patrick and Fairway Lane Pump Stations have been ordered by the construction contractor.

- O-F-3 Flow Monitoring Program (Due September 29, 2008). MSD continued to develop a long-term flow monitoring plan that includes 45 locations for permanent sewer flow monitors. The flow monitoring plan includes equipment for measurement and telemetry. Several CSO sites have had flow monitoring equipment installed during the last reporting period. The flow monitoring program is being integrated with the post construction compliance monitoring plan that will be implemented to track performance of the Integrated Overflow Abatement Plan. The post construction compliance monitoring will include a combination of sewer flow monitoring, event observation, in addition to a number of activities not directly related to sewer flow (stream monitoring, plant performance testing, etc.) The program will provide long term flow data that will be used to trend the system's wet weather reaction and improve sewer model calibration.
- S-C-1 Gravity Line PM Risk Evaluation (Due January 31, 2008). MSD prepared an overall plan for preventive maintenance of gravity sewers, dated January 31, 2008. (Infrastructure & Flood Protection Staffing & Resource Plan). As part of this effort, MSD developed a staffing and resource plan for the Division that maintains the sewers (sanitary, storm and combined) to ensure that the proper resources are available to maintain the system. This plan was revised in March 2008, modifying the phasing of the proposed pilot program for sewer lateral PM, and clarifying the proposed work split between internal forces and external contractors.

#### **4.1.2 Continued CMOM Program Implementation for this reporting period**

Although the program implementation deadlines from the CMOM Self Assessment Report were previously met, MSD continued to enhance the following activities during this reporting period:

- M-E-2 Design and Construction Standards. MSD continued to review its design and construction standards to identify opportunities to reduce infiltration and inflow of new construction. As part of the updating process, MSD has initiated a third party review of the design and construction standards for other desired improvements. A professional services contract has been negotiated with a consulting engineer to provide additional resources to aid in updating the standards preparing new documentation for distribution.
- M-H-1 Fleet Management. MSD issued a request for information from software vendors relative to an upgraded shop management software program. Submittals were received from SAP and Hansen, and are being reviewed by MSD.
- M-H-2 Inventory and Spare Parts Plan. MSD is continuing to implement the strategic inventory and spare parts plan. Major activities during this reporting period included: taking a physical inventories of spare parts, organizing the heavy spare parts, organizing the bulk stock and updating the storeroom security at both Morris Forman WTP and the Central Maintenance Facility (CMF).
- M-K-1 Water Quality Data Access. MSD continued to improve the accessibility of data reported to the SCADA system for pump station and Real Time Control information as well as standardize various environmental data sets in preparation for integrated data querying and display through an upcoming SharePoint site.
- O-A-5 Identify Facility Upgrades. MSD Engineering staff meets with Operations staff on a monthly basis to determine capital project priorities. On a quarterly basis this

information is used to adjust budgetary needs. During this reporting period MSD began preparation the April 2008 budget meetings.

- O-D-1 Fats, Oil and Grease (FOG) Program. Inspected 11 sites for Fats, Oils, and Grease obstructions in known hotspot, and completed preventive maintenance cleaning where appropriate.
- M-J-1 Ordinance Private Property. MSD discussed the proposed Ordinance with the Wet Weather Team Stakeholder group. Redraft of the ordinance was completed. Development of the financial impacts of implementation is being worked on as part of the Integrated Overflow Abatement Plan. In support of this effort, MSD identified for implementation in the next fiscal year a pilot program to inspect and rehabilitate property service connections (PSCs) in areas prone to interior discharges.
- O-A-1 Update Pump Station SOPs. MSD continued to work on draft flow schematics showing the flow path at different river elevations for the combination flood/sanitary pump stations.
- S-A-1 Modify/Develop PS PM Plan. MSD continued the process of updating its preventive maintenance and inspection plan for its flood pump stations based on a review of the *USACE Inspection Guide*. Several of the flood pump stations provide sanitary and/or combined sewerage capabilities.
- S-B-2 Implement Force Main and Air Relief Valve Preventive Maintenance Program. The program was implemented in June 2007. No force mains were inspected over this reporting period: Inspection walks for Lea Ann Way, Meadowstream and the ORFM scheduled during this reporting period were cancelled due to rain events. These walks have been rescheduled for the next reporting period. The annual review of the Force Main program was performed January 11, 2008. Discharge Work Orders on all force main components were reviewed to see if any adjustments were needed to the force mains assigned to Groups 2 or 3. The Beckley Station force main was re-assigned to Group 2 and will be inspected annually for 3 years. The force mains in the Group 4 subsets were also reviewed and changes were made to the scheduled inspections. Lea Ann Way, Stannye Drive and Diode Court were moved into Group 4B. Yorktown was moved into Group 4D because it is scheduled to be eliminated as part of the Northern Ditch Diversion Interceptor. Group 4B is scheduled for inspection in 2008 in addition to the force mains in Group 1, 2 and some of the force mains in Group 3. As defined in the program, Groups 1 & 2 are inspected annually, Group 3 force mains are on a three year inspection cycle and Group 4 force mains are on a ten year inspection cycle.

#### **4.2 Program Activities for the Next Reporting Period (April 1, 2008, through June 30, 2008)**

Section 4.2.1 describes those activities that are still in progress and have upcoming deadlines. Refer to Appendix A-5 for a chart showing a schedule of the activities described in this section.

##### **4.2.1 Activities for Reporting Period (April 1, 2008, through June 30, 2008)**

- M-D-4 Revise Utility Information Management (UIM) Support Plan (Due May 14, 2009). MSD will request Board approval to order hardware and software required to implement a SharePoint web portal for improved information management. If the request is



approved, MSD will order the hardware and software necessary and upon receipt will begin to implement the work plan previously drafted. It is anticipated that a combination of in-house and external consultants will begin the development of the SharePoint site during the next reporting period, but the full implementation will take several months.

- M-E-4 Annual Continuing Sewer System Assessment Update (Due December 31, 2008). MSD will continue to work on the Annual Continuing Sewer System Assessment (CSSA) Update Report, which will address accomplishments for each fiscal year and identify specific infrastructure rehabilitation/replacement projects and O&M actions based on asset condition assessment. The Annual CSSA Update Report will also propose areas of the system to assess for the coming year.
- M-E-5 Continuing Sewer System Assessment (Due June 30, 2008). MSD completed an Interceptor Condition Assessment Phase 1 (Budget ID H04272) project. In the next reporting period, MSD will prepare the budget requests for the next round of condition assessment projects as part of the annual budgeting process. MSD will also continue to incorporate the findings and recommendations of the Phase 1 Assessment into the CSSA and will schedule corrective/rehabilitation projects to address the Phase 1 findings. PACP training is scheduled for MSD staff and consultants the week of April 21, 2008. MSD will continue to implement the sewer condition assessment protocol outlined in the CSSA report in December 2007.
- M-E-9 Build-Out Capacity (Due September 30, 2008). MSD has begun development of flow projections for build-out conditions of each sewershed. The analysis will identify the timing of flow additions, and the location and timing of potential future capacity limitations. During the next reporting period, MSD will complete the initial steps of the Floyds Fork Action Plan Update which will provide an analysis of the build out capacity of the major infrastructure of the sewersheds of the Hite Creek, Cedar Creek, Floyds Fork, West County, and Jefferstontown WTPs. The Morris Forman service area is considered to be in a built out condition with only infill development projects occurring.
- M-L-1 Implement Back-up Power (Due December 31, 2008). The permanent emergency generators at Wind Ridge, Trail Ridge, Breakwater and Grand Isle Pump Stations are expected to be installed and started up by the end of June 2008. The emergency generators are expected to be delivered and installed for the Anchor Estates #2, St. Patrick, and Fairway Lane Pump Station sites during the next reporting period.
- O-F-3 Flow Monitoring Plan (Due September 29, 2008). The flow monitoring plan will be updated as the LTCP and SSDP are developed to support the post construction compliance monitoring program being developed as part of the Wet Weather Plan. The equipment purchase, data delivery and quality control plan for an expanded sewer monitoring network is currently under review.
- S-C-2 Integrate Maintenance Activities & Capital Improvement Plan (Due December 31, 2008). MSD will begin the process to integrate the information obtained in the CSSA Report to assist MSD's I&FP Division in identifying potential infrastructure assets requiring consideration for renewal or replacement. This CSSA Report will also be used to identify maintenance issues that should be dealt with proactively.

#### **4.2.2 Continued CMOM Program Implementation for the next reporting period**

Although the program implementation deadlines from the CMOM Self Assessment Report were previously met, MSD will continue to enhance the following activities during the next reporting period:

- M-E-2 Design and Construction Standards. MSD will continue to review its design and construction standards to identify opportunities to reduce overflows. As part of the updating process, MSD will continue the third party review of the design and construction standards for other desired improvements and will continue with the comprehensive updating of the standards during the next reporting period.
- M-E-8 Current and Committed Capacity. Treatment plant capacities and new development flows are continued to be tracked in accordance with the SCAP, as previously described.
- M-H-1 Fleet Management. MSD will review information submitted to determine the preferred approach to upgraded shop management software. Pricing will be requested from vendors.
- M-H-2 Inventory and Spare Parts Plan. MSD will continue to implement activities identified in the Storeroom Enhancement Plan, which was developed as part of the Inventory and Spare Parts Plan. The following activities are examples of those scheduled for the next reporting period: Reorganize and label high-turnover stock, set up new fastener room with new vendor managed contracts at various sites, begin a new vendor managed, plumbing contract, continue work with obsolete stock (150 more items), revise tool list.
- O-A-1 Update Pump Station SOPs. MSD will finalize flow schematics for the flood pump stations. The flow schematics will show the gate positions for the various modes of operation.
- O-A-2 Greenline Analysis. MSD will continue to review overflow elevations at pump stations and small wastewater treatment plants to improve information management and alarm notifications and to find opportunities to reduce the frequency and volume of unauthorized discharges while at the same time protecting properties from interior discharges.
- O-F-1 Flow Meter Inventory and SOP. The inventory of the meters owned by MSD is being updated to include more detailed information on each meter, such as the manufacturer, model, age, features, location, and purpose. Additionally, an expanded flow monitoring and telemetry system is under development in support of the post construction compliance monitoring plan being developed as part of the IOAP, the SCAP being implemented as part of M-E-10, and others. Flow meters are being added as asset in the Hansen system to better track the location and history of these assets.
- O-F-2 Flow Data Access Improvement. MSD will install additional permanent flow meters with telemetry equipment to facilitate remote communication of flow data and meter status back through MSD's website to the Oracle database. This process will preserve the flow data integrity and provide early indication of the need for calibration or maintenance. MSD staff will have the ability to see meter data in real time and identify



meters in need of cleaning, calibration, or battery replacement. MSD will integrate the efforts of the Operations and Regulatory Services Division to set common goals in monitoring different points of sewer the system.

- M-J-1 Ordinance Private Property. MSD will complete the financial impacts analysis and present the redrafted ordinance and the financial analysis to Metro Council members of the Stakeholder Group.
- M-K-1 Water Quality Data Access. MSD completed work on improving and broadening staff access to the Laboratory Information Management System (LIMS), the Plant Information System (PI), sonde data, and sewer flow data. MSD is working toward developing its flow meter and sonde data warehouses to an Oracle application interfaced with its Hansen asset management system. MSD is also working toward having its radar rainfall vendor provide more extensive Quality Assurance and correction on the data it provides.
- O-A-5 Identify Facility Upgrades. MSD Engineering staff will continue to meet on a monthly basis with Operations staff to determine capital project priorities and advise on the budgetary needs on a quarterly basis.
- O-D-1 Fats, Oil and Grease Program. MSD plans to present the updated FOG program and policy from the MSD Board in 2008. Once the program has been approved, MSD will initiate the Certified Haulers / Plumbers program which will involve training grease haulers and plumbers involved with grease control equipment installation and maintenance on the requirements of the program.
- S-A-1 Modify/Develop Pump Station Preventive Maintenance Plan. MSD currently uses SAP as its computerized maintenance management system (CMMS) for its pump stations. MSD will continue the process of converting its pump station CMMS to Hansen.
- S-B-2 Implement Force Main and Air Relief Valve Preventive Maintenance Program. The program was implemented in June 2007. The following force mains are scheduled for inspection over the next reporting period:
  - Meadowstream
  - Lea Ann Way
  - Ohio River Force Main
  - Long Creek Way
  - Landherr and Diode
  - West County Sludge Main
- S-C-1 Gravity Line PM Risk Evaluation. Infrastructure & Flood Protection Resource and Staffing Plan will be updated prior to establishing operating budgets for the next fiscal year. Budgets will be established during the next reporting period.

Appendix A – Activity Schedules (A-1 to A-5)

# Appendix A-1

## Updated Sanitary Sewer Overflow Plan (SSOP) Implementation Schedule

Activity ID	Activity Name	2008														
		Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4		
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Capital Improvement Project List</b>																
<b>Broadfern Pump Station Upgrade</b>																
A.1.1	Installation and Initial Testing															
A.1.2	Final Testing and Certification															
<b>Interceptor Cond Assessmt Ph 1 &amp; Other Rehab Projects</b>																
A.2.1	Inspection (Completed)															
A.2.2	Rehabilitation															
<b>Murray Hills Area Pump Station Upgrades</b>																
A.3.1	Design (Completed)															
A.3.2	Construction															
A.3.3	Certification															
<b>Fern Hill Subdivision Interceptor #8</b>																
A.4.1	Design															
A.4.2	Bid and Award															
A.4.3	Easement Acquisition															
A.4.4	Construction															
<b>Thurman Drive Pump Station Elimination</b>																
A.5.1	Design															
A.5.2	Bid and Award															
A.5.3	Construction															
<b>Zabel Way Pump Station Elimination</b>																
A.6.1	Design															
A.6.2	Easement Acquisition															
A.6.3	Bid and Award															
A.6.4	Construction															



Refer to Sections 1.4.1.1 and 3.3.1.1

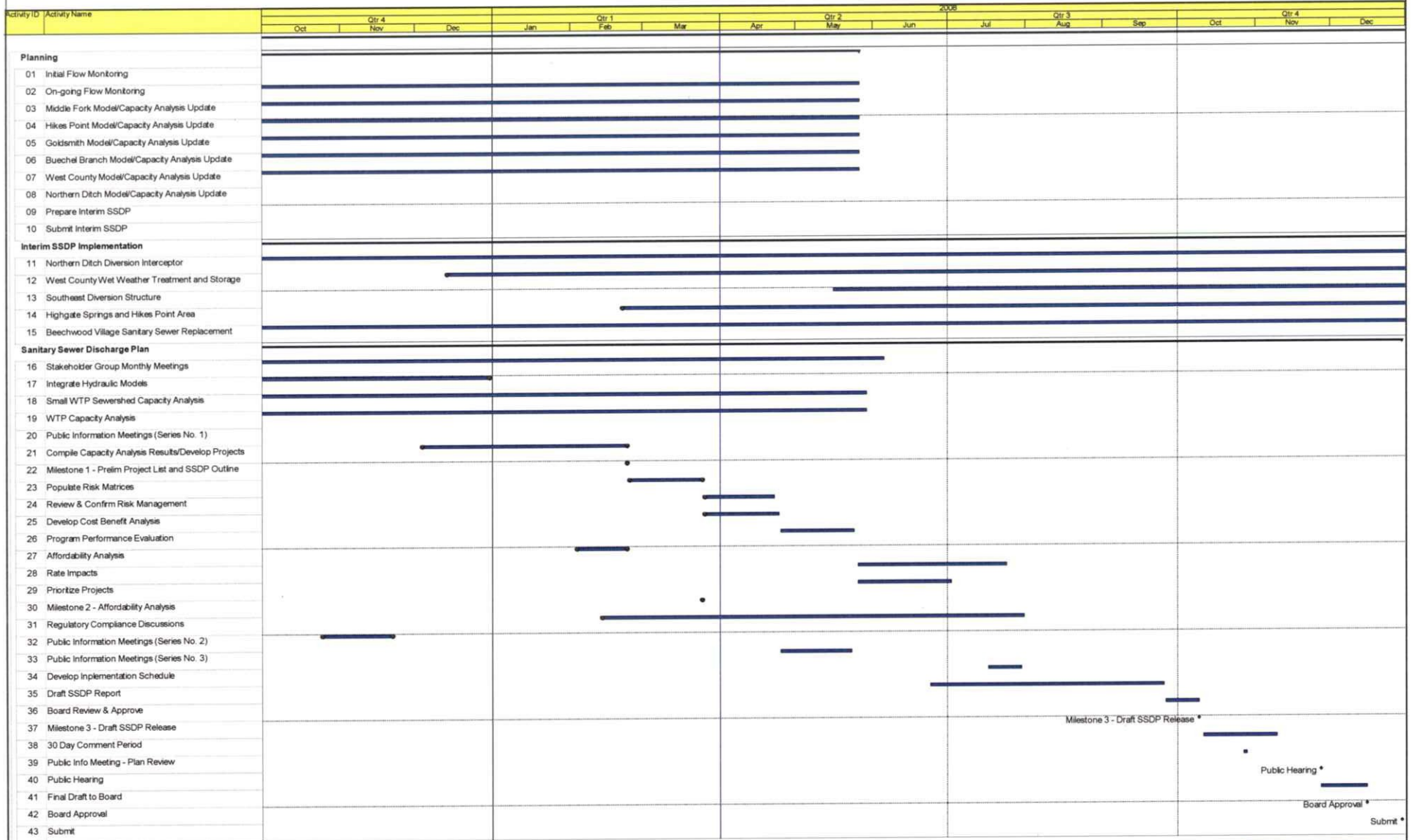
Data Date: 01-Apr-08

Summary     
 Actual Finish  
 Activity Schedule     
 Project Summary  
 Actual Start     
 Milestone



# Appendix A-2

## Sanitary Sewer Discharge Plan (SSDP) Schedule



Refer to Sections 1.4.1.2; 1.4.1.3; 3.3.1.2  
 Data Date: 01-Apr-08

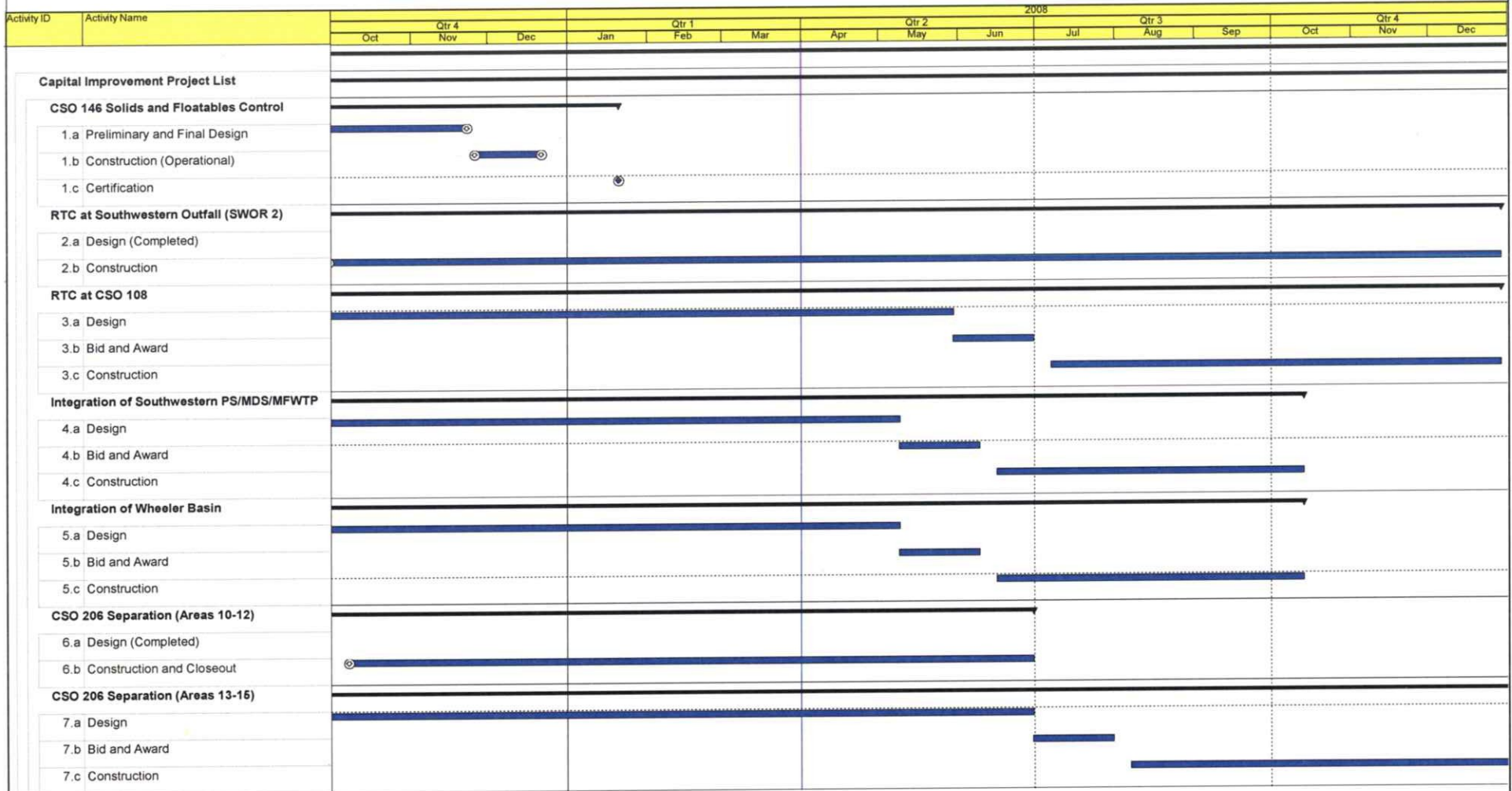
Summary  
 Activity Schedule  
 Actual Start  
 Actual Finish  
 Project Summary  
 Milestone





# Appendix A-3

## Interim Long Term Control Plan (ILTCP) Schedule



Refer to Sections 1.4.2.1 and 3.3.2.1

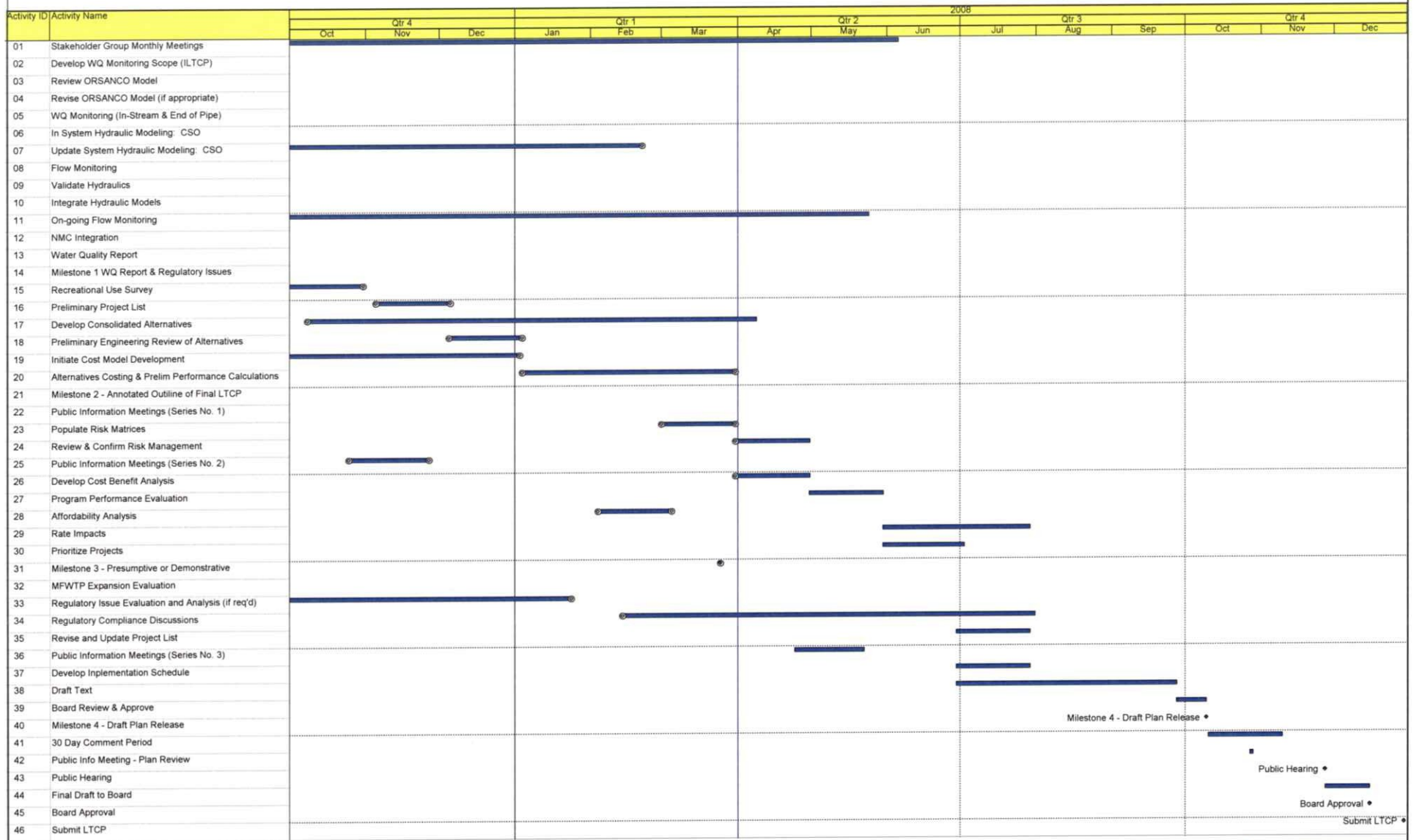
Data Date: 01-Apr-08

Summary  
 Activity Schedule  
 Actual Start  
 Actual Finish  
 Project Summary  
 Milestone



# Appendix A-4

## Final Long Term Control Plan (LTCP) Schedule



Refer to Sections 1.4.2.2 and 3.3.2.2

Data Date: 01-Apr-08

Activity Schedule
  Project Summary

Actual Start
  Milestone

Actual Finish





# Appendix A-5

## CMOM Implementation Schedule



Refer to Sections 4.1 and 4.2

Data Date: 01-Apr-08

Activity Schedule  
 Actual Start  
 Actual Finish



Appendix B-1 - Discharge Work Orders – Waters of the US



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

<b>KPDES #</b> 000000	<b>Facility ID</b> MSD0000	<b>Treatment Plant Name</b> NO PLANT-GOES TO STREAM/RIVER	<b>Receiving Stream of Treatment Plant</b> NONE	<b>Region</b>
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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	MSD0247A-PS	423 BERMUDA WAY	STARVIEW ESTATES - EFFLUENT	CHENOWETH RUN	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISDW: DRY WEATHER DISCHARGE	737982	01/24/08 09:00 PM	SINGLETON	PORTER JR	R	01/24/08	BYPASS AT TREATMENT PLANT	DISCHARGE TO WATERS OF THE US	01/25/08 01:15 PM

**Spot Inspections:**

Discharge Amount:	1,950 GAL
Cause:	FORCE MAIN BREAK
Clean Up:	CLEAN UP NOT NEEDED. DISCHARGED CLEAN, TREATED WATER TO THE CREEK.
Control Zone:	TEMPORARY SIGNS WERE POSTED.
Impact:	NO VISUAL IMPACT. CLEAN, TREATED WATER FROM THE EFFLUENT WAS DISCHARGED.
Repair:	SAP EMERGENCY WO#4012271 & 5180399 USED FOR REPAIRS. HAULING WO#738502

**Notifications:**

01/25/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov
01/25/08 11:07 AM	Temporary signs were posted
01/25/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



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

<b>KPDES #</b> KY0022420	<b>Facility ID</b> MSD0202	<b>Treatment Plant Name</b> HITE CREEK	<b>Receiving Stream of Treatment Plant</b> HITE CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 90776	<b>Facility Address</b> 7250 FLOYDSBURG RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> FLOYDS FORK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 756639	<u>Initiated</u> 03/18/08 04:15 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> DUNN JR	<u>Disch Stat</u> D	<u>Event Date</u> 01/03/05	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 02:00 AM
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**Spot Inspections:**

Discharge Amount:	48,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	PERSONAL HYGIENE PRODUCTS
Repair:	HAULING TO PREVENT OVER FLOW WORK ORDER#756496

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022420 (Cont'd)	<b>Facility ID</b> MSD0202	<b>Treatment Plant Name</b> HITE CREEK	<b>Receiving Stream of Treatment Plant</b> HITE CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 91087	<b>Facility Address</b> 7510 MEADOW STREAM CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK HARRODS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 756681	<u>Initiated</u> 03/18/08 06:40 PM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> HOWARD	<u>Disch Stat</u> D	<u>Event Date</u> 03/18/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 02:30 AM
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**Spot Inspections:**

Discharge Amount:	1,440,000 GAL
Cause:	STORM FLOW CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO VISUAL IMPACT OBSERVED BY MSD PERSONNEL
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022420 (Cont'd)	<b>Facility ID</b> MSD0202	<b>Treatment Plant Name</b> HITE CREEK	<b>Receiving Stream of Treatment Plant</b> HITE CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD1086-PS	<b>Facility Address</b> 7250 FLOYDSBURG RD	<b>If Pump Station, Name of Pump Station:</b> FLOYDSBURG ROAD	<b>Receiving Stream</b> FLOYDS FORK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740068	<u>Initiated</u> 02/05/08 11:15 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> COOMER	<u>Disch Stat</u> D	<u>Event Date</u> 08/30/05	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/05/08 11:18 AM
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**Spot Inspections:**

Discharge Amount:	50 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	AREA CLEANED AND SANITIZED
Control Zone:	SIGNS POSTED AREA TAPED OFF AND CONES PLACED
Impact:	DEBRIS ON GROUND LEADING TO STREAM WAS BAGGED AND HAULED OFF.
Repair:	HAULING FROM STATION UNTIL RAIN EVENT ENDS

**Notifications:**

02/05/08 11:54 AM	Signs & cones placed and area taped off
02/05/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022420 (Cont'd)	MSD0202	HITE CREEK		HITE CREEK			EAST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750806	03/04/08 07:20 AM	MARKS JR	KAISER	D	08/30/05	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/04/08 10:00 AM

**Spot Inspections:**

Discharge Amount:	2,000 GAL
Cause:	STORM FLOW CAUSED A LACK OF SYSTEM CAPACITY
Clean Up:	AREA RAKED AND DEBRIS HAULED AREA LIMED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	DEBRIS OBSERVED
Repair:	HAULED TO PREVENT DISCHARGE WO# 750812

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022420 (Cont'd)	MSD0202	HITE CREEK		HITE CREEK			EAST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	752173	03/10/08 07:30 PM	MARKS JR	HOWARD	D	08/30/05	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/10/08 09:50 PM

**Spot Inspections:**

Discharge Amount:	1,200 GAL
Cause:	SNOW STORM MELT CAUSED INCREASE IN FLOW AND LED TO LACK OF SYSTEM CAPACITY
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED BY MSD PESONNEL
Repair:	HAULING TO PREVENT ADDITIONAL DISCHARGE, HAULOP WO#752174

**Notifications:**

03/10/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/10/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0036501	<b>Facility ID</b> MSD0209	<b>Treatment Plant Name</b> BERRYTOWN WTP	<b>Receiving Stream of Treatment Plant</b> FLOYDS FORK	<b>Region</b> EAST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0209A-PS	<b>Facility Address</b> 1203 HEAFER RD	<b>If Pump Station, Name of Pump Station:</b> BERRYTOWN WTP PS	<b>Receiving Stream</b> FLOYDS FORK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750891	<u>Initiated</u> 03/04/08 06:00 AM	<u>Initiated By</u> SINGLETON	<u>Assigned To</u> PORTER JR	<u>Disch Stat</u> D	<u>Event Date</u> 12/17/01	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 09:30 AM
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**Spot Inspections:**

Discharge Amount:	500 GAL
Cause:	TREATMENT PLANT OVERFLOWED DUE TO STORM FLOW.
Clean Up:	DEBRIS WAS RAKED, BAGGED AND HAULED OFF.
Control Zone:	TEMPORARY SIGNS WERE PLACED AROUND THE AFFECTED AREA.
Impact:	SOLIDS FOUND ON THE GROUND.
Repair:	THIS SITE WAS FOUND DURING RAIN EVENT RECON. IT WILL BE MONITORED AND EVALUATED FOR REPAIR.

**Notifications:**

03/04/08 10:24 AM	Temporary signs were placed around the affected area.
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 28173	<b>Facility Address</b> 3258 RUCKRIEGEL PKY	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751163	<u>Initiated</u> 03/04/08 05:36 PM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 03/04/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 06:47 PM
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**Spot Inspections:**

Discharge Amount:	2,340 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE NEEDED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 04:36 PM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/04/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757298	03/19/08 11:57 AM	SIVADO	GRIFFITH	D	03/04/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/19/08 07:30 PM

**Spot Inspections:**

Discharge Amount:	1,350 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 11:57 AM	NONE NEEDED
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 28249	<b>Facility Address</b> 3500 ST EDWARDS DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> DITCH
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	751159	03/04/08 04:33 PM	GRIFFITH	GRIFFITH	D	03/12/06	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 08:47 AM

**Spot Inspections:**

Discharge Amount:	24,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	CONE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 04:33 PM	ADVISED CUSTOMERS BY TEMPORARY SIGNS AND DOOR HANGERS
03/04/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757267	03/19/08 09:00 AM	SIVADO	GRIFFITH	D	03/12/06	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 09:20 AM

**Spot Inspections:**

Discharge Amount:	12,960 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751680
Control Zone:	DOOR HANGERS, BARRICADES AND TEMPORARY SIGNS WERE POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 28250	<b>Facility Address</b> 3506 CHARLANE PKY	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750795	<u>Initiated</u> 03/04/08 06:02 AM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 01/03/05	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 08:40 AM
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**Spot Inspections:**

Discharge Amount:	39,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 06:02 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757263	03/19/08 09:00 AM	SIVADO	GRIFFITH	D	01/03/05	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 09:20 AM

**Spot Inspections:**

Discharge Amount:	12,960 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751677
Control Zone:	BARRICADE, TEMPORARY SIGNS AND DOOR HANGERS
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:00 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 28336	<b>Facility Address</b> 9707 WILLOWOOD WAY	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750798	<u>Initiated</u> 03/04/08 06:01 AM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 08/30/05	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 08:49 AM
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**Spot Inspections:**

Discharge Amount:	84,240 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGNS AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 06:01 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757268	03/19/08 09:05 AM	SIVADO	GRIFFITH	D	08/30/05	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 09:26 AM

**Spot Inspections:**

Discharge Amount:	351,360 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751708
Control Zone:	TEMPORARY SIGNS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:50 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28340	3620 CHARLANE PKY		CHENOWETH RUN	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750804	03/04/08 06:00 AM	GRIFFITH	GRIFFITH	D	01/03/05	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 08:50 AM

**Spot Inspections:**

Discharge Amount:	39,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 06:00 AM	ADVISED CUSTOMER BY DOOR HANGERS AND SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757271	03/19/08 09:05 AM	SIVADO	GRIFFITH	D	01/03/05	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 09:25 AM

**Spot Inspections:**

Discharge Amount:	12,960 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751734
Control Zone:	TEMPORARY SIGNS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 09:05 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	28395	2901 LIVINGSTON AVE		CHENOWETH RUN	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	751168	03/04/08 05:00 PM	GRIFFITH	GRIFFITH	D	12/15/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 08:58 AM

**Spot Inspections:**

Discharge Amount:	52,812 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 05:00 PM	ADVISED CUSTOMERS BY TEMPORARY SIGN AND DOOR HANGERS
03/04/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757306	03/19/08 02:00 PM	SIVADO	GRIFFITH	D	12/15/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 09:10 AM

**Spot Inspections:**

Discharge Amount:	322,080 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN AFTER RAIN EVENT - WO# 757306
Control Zone:	BARRICADE, TEMPORARY SIGNS AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 02:00 PM	ADVISED CUSTOMERS BY DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 28414	<b>Facility Address</b> 3400 DELL RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750783	<u>Initiated</u> 03/04/08 05:53 AM	<u>Initiated By</u> MITCHELL	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 01/03/05	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 06:39 PM
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**Spot Inspections:**

Discharge Amount:	42,120 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 05:53 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757220	03/19/08 08:50 AM	SIVADO	GRIFFITH	D	01/03/05	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 09:15 AM

**Spot Inspections:**

Discharge Amount:	12,960 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751674
Control Zone:	BARRICADE, TEMPORARY SIGNS AND DOOR HANGERS
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 08:50 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 28415	<b>Facility Address</b> 3406 DELL RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750793	<u>Initiated</u> 03/04/08 05:54 AM	<u>Initiated By</u> MITCHELL	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 12/19/02	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 06:40 PM
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**Spot Inspections:**

Discharge Amount:	78,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 05:54 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757256	03/19/08 08:50 AM	SIVADO	GRIFFITH	D	12/19/02	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 09:15 AM

**Spot Inspections:**

Discharge Amount:	351,360 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751678
Control Zone:	BARRICADE, TEMPORARY SIGNS AND DOOR HANGERS
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 08:50 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	64096	4710 CHENOWETH RUN 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 Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756851	03/19/08 10:15 AM	RICHARDSON	RICHARDSON	D	03/19/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/19/08 10:35 AM

**Spot Inspections:**

Discharge Amount:	250 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	ADVISED CUSTOMER TO AVOID DIRECT CONTACT WITH SEWAGE
Impact:	SEWAGE DISCHARGING FROM THE MANHOLE
Repair:	REFERRED TO MSD OPERATION TO CHECK THE PUMP STATION

**Notifications:**

03/19/08 10:15 AM	ADVISED CUSTOMER ON SITE
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0151-PS	<b>Facility Address</b> 4304 RIVANNA DR	<b>If Pump Station, Name of Pump Station:</b> MONTICELLO PLACE	<b>Receiving Stream</b> FERN CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757618	<u>Initiated</u> 03/19/08 01:00 PM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> PORTER JR	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 04:00 PM
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**Spot Inspections:**

Discharge Amount:	10,000 GAL
Cause:	LACK OF SYSTEM CAPACITY CAUSED BY STORM FLOW
Clean Up:	NOT FEASIBLE AREA WATER LEVEL NEEDS TO RECEDE
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	DEBRI AND SOILDS OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON WILL MONITOR AND EVALUATE

**Notifications:**

03/21/08 05:56 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0196-PS	<b>Facility Address</b> 4710 CHENOWETH RUN RD	<b>If Pump Station, Name of Pump Station:</b> CHENOWETH RUN	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757363	<u>Initiated</u> 03/19/08 10:40 AM	<u>Initiated By</u> SINGLETON	<u>Assigned To</u> PORTER JR	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 11:00 PM
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**Spot Inspections:**

Discharge Amount:	55,350 GAL
Cause:	LACK OF CAPACITY DUE TO STORM FLOW
Clean Up:	DEBRIS RAKED, BAGGED & HAULED OFF
Control Zone:	TEMPORARY SIGNS PLACED AROUND IMPACTED AREA.
Impact:	DEBRIS ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08.

**Notifications:**

04/17/08 03:11 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0025194 (Cont'd)	<b>Facility ID</b> MSD0255	<b>Treatment Plant Name</b> JEFFERSONTOWN	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0255	<b>Facility Address</b> 10725 OLD TAYLORSVILLE RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751281	<u>Initiated</u> 02/12/08 11:43 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> PORTER JR	<u>Disch Stat</u> D	<u>Event Date</u> 01/14/07	<u>Problem</u> BLENDING AT JTOWN WTP	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/13/08 08:40 PM
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**Spot Inspections:**

Discharge Amount:	2,894,355 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	SIGNS POSTED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

04/17/08 03:22 PM	SYSTEM WAS NOT SET UP TO REPORT THESE UNTIL 3/12/08
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Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	745234	02/22/08 12:39 PM	ELDER	PORTER JR	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	02/23/08 05:49 AM

**Spot Inspections:**

Discharge Amount:	1,056,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	NO CONTROL ZONE REQUIRED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

02/22/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/22/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750707	03/04/08 12:53 AM	MARKS JR	TUTTLE	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	03/06/08 06:25 AM

**Spot Inspections:**

Discharge Amount:	10,733,700 GAL
Cause:	STORM FLOW TO TREATMENT PLANT CAUSED PLANT TO BLEND
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	NO CONTROL ZONE REQUIRED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	752263	03/10/08 05:55 PM	ELDER	STEPHENSON	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	03/10/08 11:34 PM

**Spot Inspections:**

Discharge Amount:	101,450 GAL
Cause:	REV 03/07/2008, SNOW MELTING
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	NO CONTROL ZONE REQUIRED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

03/11/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0025194 (Cont'd)	Facility ID MSD0255	Treatment Plant Name JEFFERSONTOWN		Receiving Stream of Treatment Plant CHENOWETH RUN			Region CENT		
DISREV: RAIN EVENT DISCHARGE	756626	03/18/08 01:18 PM	ELDER	TUTTLE	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	03/21/08 04:23 AM

**Spot Inspections:**

Discharge Amount:	10,457,592 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	NO CONTROL ZONE REQUIRED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	760987	03/27/08 06:11 AM	ELDER	STEPHENSON	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	03/28/08 11:28 PM

**Spot Inspections:**

Discharge Amount:	4,859,194 GAL
Cause:	CAUSE OF DISCHARGE: LACK OF SYSTEM CAPACITY DUE TO RAIN
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	NO CONTROL ZONE REQUIRED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

03/28/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/31/08 02:20 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0028801	<b>Facility ID</b> MSD0258	<b>Treatment Plant Name</b> SILVER HEIGHTS	<b>Receiving Stream of Treatment Plant</b> MUD CREEK	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 61667	<b>Facility Address</b> 9718 TITAN DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MUD CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750896	<u>Initiated</u> 03/04/08 09:50 AM	<u>Initiated By</u> MARINO	<u>Assigned To</u> RIES	<u>Disch Stat</u> R	<u>Event Date</u> 03/04/08	<u>Problem</u> MECHANICAL FAILURE	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 10:25 AM
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**Spot Inspections:**

Discharge Amount:	875 GAL
Cause:	#1 PUMP FAILURE DUE TO BLOCKAGE
Clean Up:	MSD PERSONNEL SCRUBBED CLEAN & SANITIZED AFFECTED AREA.
Control Zone:	ADVISED CUSTOMER TO AVOID DIRECT CONTACT WITH SEWAGE & SIGNS WERE PLACED AROUND AREA.
Impact:	SOLIDS WERE FOUND.
Repair:	UNCLOG #1 PUMP & RETURN TO SERVICE

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 09:50 AM	ADVISED CUSTOMER BY DOOR CARD
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0029459	<b>Facility ID</b> MSD0263	<b>Treatment Plant Name</b> CHENOWETH HILLS	<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN	<b>Region</b> CENT
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	94187	11022 ST RENE RD		CHENOWETH RUN	CATCH BASIN

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757234	03/19/08 10:40 AM	ELDER	ALEXANDER	D	03/19/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/19/08 06:00 PM

**Spot Inspections:**

Discharge Amount:	4,380 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	DEBRIS RAKED, BAGGED & HAULED OFF
Control Zone:	TEMPORARY SIGNS PLACED AT IMPACTED AREA
Impact:	SEWAGE ON THE GROUND
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL BE EVALUATED FOR REPAIR.

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 102339	<b>Facility Address</b> 9114 CINDERELLA LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> FISHPOOL CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751073	<u>Initiated</u> 03/04/08 02:15 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> AVERETTE	<u>Disch Stat</u> R	<u>Event Date</u> 03/04/08	<u>Problem</u> ELECTRICAL PROBLEMS AT MSD	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 07:30 PM
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**Spot Inspections:**

Discharge Amount:	110,250 GAL
Cause:	#1 PUMP OVERLOADED AND TRIPPED THE BREAKER.
Clean Up:	MSD PERSONNEL CLEANED & SANITIZED THE AREA.
Control Zone:	TEMPORARY SIGNS WERE PLACED AROUND THE AFFECTED AREA.
Impact:	SOLIDS WERE FOUND ON THE GROUND.
Repair:	RESET BREAKER WO#4012452 FOR REPAIRS

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 02:23 PM	Temporary signs were placed around affected area.



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

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 22385	<b>Facility Address</b> 10000 PLAUDIT WAY	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> BLACK POND CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751158	<u>Initiated</u> 03/04/08 04:05 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> PATTERSON	<u>Disch Stat</u> D	<u>Event Date</u> 03/12/06	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 08:05 AM
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**Spot Inspections:**

Discharge Amount:	1,728,000 GAL
Cause:	LACK OF SYSTEM CAPACITY. RAIN EVENT IN AREA.
Clean Up:	MSD PERSONNEL CLEANED & SANITIZED THE IMPACTED AREA.
Control Zone:	TEMPORARY SIGNS WERE POSTED.
Impact:	SEWAGE, SOLIDS & DEBRIS WERE OBSERVED.
Repair:	THIS SITE FOUND DURING RAIN EVENT RECON. WILL BE MONITORED AND EVALUATED FOR REPAIR.

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/05/08 08:05 AM	Temporary signs were posted.



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0078956 (Cont'd)	Facility ID MSD0277	Treatment Plant Name WEST COUNTY	Receiving Stream of Treatment Plant OHIO RIVER	Region WEST					
DISREV: RAIN EVENT DISCHARGE	757314	03/19/08 12:37 PM	GRIFFITH	GRIFFITH	D	03/12/06	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 02:49 PM

**Spot Inspections:**

Discharge Amount:	162,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANTARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC.31, 2008

**Notifications:**

03/19/08 12:37 PM	NONE NEEDED
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> 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	25484	9317 LANTANA DR		PENNSYLVANIA RUN	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757034	03/19/08 09:30 AM	ELDER	HATHAWAY	D	10/23/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 05:00 AM

**Spot Inspections:**

Discharge Amount:	234,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	MSD CLEANED & SANITIZED AFFECTED AREA
Control Zone:	PLACED TEMPORARY SIGNS AROUND AFFECTED AREA
Impact:	SEWAGE ON THE GROUND
Repair:	BEGAN HAULING TO ELIMINATE DISCHARGE, WO# 757494, SAP WO# 5184212, HAULED 2000 GALLONS

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 29948	<b>Facility Address</b> 6810 SANDSTONE BLVD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> FERN CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751151	<u>Initiated</u> 03/04/08 03:15 PM	<u>Initiated By</u> MARINO	<u>Assigned To</u> MARINO	<u>Disch Stat</u> D	<u>Event Date</u> 03/04/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 03:45 PM
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**Spot Inspections:**

Discharge Amount:	100 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PLACED SIGNS AROUND THE IMPACTED AREA
Impact:	SEWAGE DISCHARGING FROM MANHOLE
Repair:	REPAIRS NOT WARRANTED

**Notifications:**

03/04/08 03:15 PM	ADVISED CUSTOMER BY DOOR CARD
03/04/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 32682	<b>Facility Address</b> 6707 W ORELL RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> ALVEY DITCH	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751152	<u>Initiated</u> 03/04/08 01:04 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> PATTERSON	<u>Disch Stat</u> D	<u>Event Date</u> 03/12/06	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 08:05 AM
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**Spot Inspections:**

Discharge Amount:	1,944,000 GAL
Cause:	LACK OF CAPICITY,RAIN EVENT IN AREA
Clean Up:	MSD PERSONNEL CLEANED & SANITIZED THE IMPACTED AREA.
Control Zone:	TEMPORARY SIGNS WERE POSTED
Impact:	SEWAGE, SOLIDS & DEBRIS WERE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON. WILL BE MONITORED AND EVALUATED FOR REPAIR.

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/05/08 08:05 AM	Temporary signs were posted.



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0078956 (Cont'd)	Facility ID MSD0277	Treatment Plant Name WEST COUNTY		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	757311	03/19/08 01:42 PM	GRIFFITH	GRIFFITH	D	03/12/06	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 01:51 PM

**Spot Inspections:**

Discharge Amount:	1,944,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE DUE TO THE MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 01:42 PM	NONE NEEDED
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 59169	<b>Facility Address</b> 9801 EVENING STAR DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MILL CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751161	<u>Initiated</u> 03/04/08 05:00 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> PATTERSON	<u>Disch Stat</u> D	<u>Event Date</u> 03/12/06	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 08:05 AM
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**Spot Inspections:**

Discharge Amount:	1,620,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	MSD PERSONNEL CLEANED & SANITIZED THE IMPACTED AREA.
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE, SOLIDS & DEBRIS WERE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON, WILL BE MONITORED AND EVALUATED FOR REPAIR.

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/05/08 08:05 AM	Temporary signs posted



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

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0078956 (Cont'd)	MSD0277	WEST COUNTY		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757312	03/19/08 02:35 PM	GRIFFITH	GRIFFITH	D	03/12/06	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/27/08 07:44 AM

**Spot Inspections:**

Discharge Amount:	1,377,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION IS IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 02:35 PM	NONE NEEDED
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 81814-W	<b>Facility Address</b> 2601 PIONEER RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MILL CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757058	<u>Initiated</u> 03/19/08 02:30 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> BOARD	<u>Disch Stat</u> D	<u>Event Date</u> 01/24/02	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 04:00 PM
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**Spot Inspections:**

Discharge Amount:	11,500 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PLACED TEMPORARY SIGNS AROUND AFFECTED AREA
Impact:	SEWAGE TO STORM DRAIN
Repair:	BEGAN HAULING TO ELIMINATE DISCHARGE,WO#756546,SAP WO#5184098, 109250GAL HAULED

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0111-LS	<b>Facility Address</b> 13908 PETWOOD BLVD	<b>If Pump Station, Name of Pump Station:</b> VALLEY VILLAGE	<b>Receiving Stream</b> POND CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 756775	<u>Initiated</u> 03/19/08 08:00 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> JONES	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 08:22 AM
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**Spot Inspections:**

Discharge Amount:	19,200 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	MSD CLEANED & SANITIZED AFFECTED AREA
Control Zone:	TEMPORARY SIGNS & TAPED OFF AREA
Impact:	SEWAGE OBSERVED ON GROUND
Repair:	DISCONTINUED PUMPING ON GROUND WHEN B&H BEGAN HAULING, WO#756865, SAP WO#5184131, HAULED 32500 GALLONS

**Notifications:**

03/19/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0133-PS	<b>Facility Address</b> 10212 CAVEN AVE	<b>If Pump Station, Name of Pump Station:</b> CAVEN AVE	<b>Receiving Stream</b> MUD CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE	<u>WO #</u> 736110	<u>Initiated</u> 01/11/08 12:35 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> PATTERSON	<u>Disch Stat</u> R	<u>Event Date</u> 01/11/08	<u>Problem</u> STRUCTURAL FAILURE	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/11/08 12:45 PM
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**Spot Inspections:**

Discharge Amount:	5,000 GAL
Cause:	STRUCTURAL PIPE FAILURE
Clean Up:	AREA RAKED & DEBRIS HAULED, AREA SCRUBBED & SANITIZED
Control Zone:	TEMPORARY SIGNS POSTED AROUND AFFECTED AREA.
Impact:	DEBRIS, SOLIDS, PERSONAL HYGIENE PRODUCTS
Repair:	FAILED PIPE REPLACED WITH NEW

**Notifications:**

01/11/08 02:17 PM	Temporary signs around affected area. Knocked on doors to speak with neighbors, Placed door hangers on homes, 10212, 10210, 10208, 10206 Caven Ave.
01/11/08 12:59 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov





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

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0180-PS	<b>Facility Address</b> 7201 OUTER LOOP	<b>If Pump Station, Name of Pump Station:</b> GOVERNMENT CENTER	<b>Receiving Stream</b> PENNSYLVANIA RUN	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757277	<u>Initiated</u> 03/19/08 06:57 PM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> MAYES	<u>Disch Stat</u> D	<u>Event Date</u> 12/16/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 01:30 AM
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**Spot Inspections:**

Discharge Amount:	9,825 GAL
Cause:	STORM FLOW CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NONE OBSERVED BY MSD PERSONNEL
Repair:	SITE FOUND DURING RAIN EVENT RECON . WILL MONITOR AND EVALUATE.

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> 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	MSD1010-PS	5007 LEA ANN WAY	LEA ANN WAY	NORTHERN DITCH	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750767	03/04/08 05:20 AM	MARKS JR	RHEINLAEND ER JR	D	12/15/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/04/08 10:30 PM

**Spot Inspections:**

Discharge Amount:	2,697,000 GAL
Cause:	STORM FLOW LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED & SANITIZED THE AREA. SAP CLEANUP #5183188
Control Zone:	TEMPORARY SIGNS WERE PLACED AROUND THE AFFECTED AREA.
Impact:	SEWAGE & SOLIDS WERE FOUND ON THE GROUND.
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 10:30 PM	Temporary signs were placed around the affected area.



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0078956 (Cont'd)	Facility ID MSD0277	Treatment Plant Name WEST COUNTY		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756817	03/19/08 08:30 AM	ELDER	PATTERSON	D	12/15/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 02:00 AM

**Spot Inspections:**

Discharge Amount:	3,855,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	TEMPORARY SIGNS WERE PLACED AROUND THE IMPACTED AREA
Impact:	SEWAGE & DEBRIS NOTICED
Repair:	HAULED TO STOP SEWER DISCHARGE

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> 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	MSD1013-PS	9114 CINDERELLA LN	CINDERELLA	FISHPOOL CREEK	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757027	03/19/08 08:15 AM	ELDER	HATHAWAY	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 05:00 AM

**Spot Inspections:**

Discharge Amount:	369,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	MSD CLEANED & SANITIZED AFFECTED AREA
Control Zone:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA
Impact:	SEWAGE ON THE GROUND
Repair:	BEGAN HAULING TO ELIMINATE DISCHARGE

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:30 AM	Temporary signs placed around affected area



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

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Treatment Plant Name</b> WEST COUNTY	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD1048-PS	<b>Facility Address</b> 7801 EDSEL LN	<b>If Pump Station, Name of Pump Station:</b> EDSEL	<b>Receiving Stream</b> FERN CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750710	<u>Initiated</u> 03/04/08 01:45 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> LAMB DIN JR	<u>Disch Stat</u> D	<u>Event Date</u> 03/04/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 10:50 PM
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**Spot Inspections:**

Discharge Amount:	94,500 GAL
Cause:	STORM FLOW EXCEEDED SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	DEBRIS ,SOLIDS AND PERSONAL HYGIENE PRODUCTS
Repair:	REPAIR AND PUT BACK IN SERVICE #1 PUMP

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0078956 (Cont'd)	Facility ID MSD0277	Treatment Plant Name WEST COUNTY		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	757047	03/19/08 12:00 PM	SINGLETON	PORTER JR	D	03/04/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/19/08 09:05 PM

**Spot Inspections:**

Discharge Amount:	49,500 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO STORM FLOW
Clean Up:	DEBRIS RAKED, BAGGED & HAULED OFF
Control Zone:	TEMPORARY SIGNS WERE POSTED AROUND THE IMPACTED AREA
Impact:	DEBRIS ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:00 PM	Temporary signs posted around the impacted area
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

**KPDES #** KY0078956 (Cont'd)      **Facility ID** MSD0277      **Treatment Plant Name** WEST COUNTY      **Receiving Stream of Treatment Plant** OHIO RIVER      **Region** WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD1099-LS	8901 ZABEL WAY	ZABEL	FERN CREEK	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	740411	02/06/08 08:00 AM	SINGLETON	PORTER JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/06/08 11:00 AM

**Spot Inspections:**

Discharge Amount:	500 GAL
Cause:	STORM FLOW, LACK OF CAPACITY IN COLLECTION SYSTEM
Clean Up:	DEBRIS RAKED, BAGGED & HAULED OFF
Control Zone:	TEMPORARY SIGNS WERE POSTED
Impact:	DEBRIS FOUND ON THE GROUND
Repair:	SAP WORK ORDER #5181220 THIS SITE FOUND DURING RAIN EVENT RECON. WILL BE MONITORED & EVALUATED FOR REPAIR.

**Notifications:**

02/06/08 08:48 AM	Temporary signs were posted
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0078956 (Cont'd)	Facility ID MSD0277	Treatment Plant Name WEST COUNTY		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	750887	03/04/08 03:00 AM	SINGLETON	PORTER JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 02:10 AM

**Spot Inspections:**

Discharge Amount:	25,000 GAL
Cause:	STATION OVERFLOW DUE TO STORM FLOW
Clean Up:	NO DEBRIS DISCHARGED
Control Zone:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA.
Impact:	NO IMPACT OBSERVED BY MSD PERSONNEL
Repair:	HAULED TO PREVENT FURTHER DISCHARGE

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 10:19 AM	Temporary signs placed around affected area.
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name	Receiving Stream of Treatment Plant	Region					
KY0078956 (Cont'd)	MSD0277	WEST COUNTY	OHIO RIVER	WEST					
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	756824	03/19/08 09:50 AM	SINGLETON	PORTER JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 11:00 PM

**Spot Inspections:**

Discharge Amount:	22,800 GAL
Cause:	LACK OF CAPACITY DUE TO STORM FLOW
Clean Up:	DEBRIS RAKED, BAGGED & HAULED OFF
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE AREA
Impact:	DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION TO BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08.

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:50 AM	Temporary signs placed around the area
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 00056-W	<b>Facility Address</b> 804 N ARBOR DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750883	<u>Initiated</u> 03/04/08 08:30 AM	<u>Initiated By</u> SINGLETON	<u>Assigned To</u> PORTER JR	<u>Disch Stat</u> D	<u>Event Date</u> 12/15/07	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 12:30 AM
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**Spot Inspections:**

Discharge Amount:	500 GAL
Cause:	STATION OVERFLOWED DUE TO STORM FLOW
Clean Up:	NO DEBRIS DISCHARGED
Control Zone:	TEMPORARY SIGNS WERE PLACED AROUND AFFECTED AREA
Impact:	NONE OBSERVED BY MSD PERSONNEL.
Repair:	HAULING TO PREVENT FURTHER DISCHARGE

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 10:15 AM	Temporary signs placed around affected area.
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISDW: DRY WEATHER DISCHARGE	752762	03/12/08 06:00 PM	SINGLETON	PORTER JR	D	12/15/07	MECHANICAL FAILURE	DISCHARGE TO WATERS OF THE US	03/12/08 06:30 PM

**Spot Inspections:**

Discharge Amount:	200 GAL
Cause:	#1 PUMP NOT PUMPING PROPERLY
Clean Up:	CLEAN UP NOT POSSIBLE. NO DEBRIS, JUST DILUTED WATER.
Control Zone:	TEMPORARY SIGNS WERE PLACED
Impact:	NO VISUAL IMPACT OBSERVED, JUST DILUTED WATER.
Repair:	WORK ORDER WRITTEN TO REPAIR #1 PUMP.

**Notifications:**

03/12/08 06:00 PM	Temporary signs were placed
03/13/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756812	03/19/08 09:00 AM	SINGLETON	PORTER JR	D	12/15/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/19/08 08:00 PM

**Spot Inspections:**

Discharge Amount:	16,500 GAL
Cause:	LACK OF CAPACITY DUE TO STORM FLOW
Clean Up:	DEBRIS WAS RAKED, BAGGED & HAULED OFF
Control Zone:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA
Impact:	DEBRIS ON GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:00 AM	Temporary signs placed around affected area
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	760605	03/27/08 08:15 AM	SINGLETON	ALEXANDER	D	12/15/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 08:30 PM

**Spot Inspections:**

Discharge Amount:	21,825 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA.
Impact:	SEWAGE OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08.

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 08:15 AM	Temporary signs placed around the affected area.
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 01793	<b>Facility Address</b> 9 MUIRFIELD PL	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751171	<u>Initiated</u> 03/04/08 04:07 PM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 03/04/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 09:20 AM
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**Spot Inspections:**

Discharge Amount:	256,200 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC.31, 2008

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 04:07 PM	ADVISED CUSTOMERS BY TEMPORARY SIGN AND DOOR HANGERS
03/04/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	757290	03/19/08 11:40 AM	SIVADO	GRIFFITH	D	03/04/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 08:50 AM

**Spot Inspections:**

Discharge Amount:	126,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT
Control Zone:	CONE, TEMPORARY SIGNS AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 11:40 AM	ADVISED CUSTOMERS BY CONE, TEMPORARY SIGNS AND DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 02932	<b>Facility Address</b> 8021 CHRISTIAN CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757187	<u>Initiated</u> 03/19/08 09:40 AM	<u>Initiated By</u> JOHNSON JR	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 04:40 PM
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**Spot Inspections:**

Discharge Amount:	837,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER THE 3/18/08 RAIN EVENT - WO# 758133
Control Zone:	CAUTION TAPE AND TEMPORARY SIGNS
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:40 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN		<b>Receiving Stream of Treatment Plant</b> OHIO RIVER			<b>Region</b> WEST		
<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 760974	<u>Initiated</u> 03/28/08 08:26 AM	<u>Initiated By</u> MITCHELL	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/28/08 08:15 PM

**Spot Inspections:**

Discharge Amount:	18,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEANING AFTER RAIN EVENT - WO# 761594
Control Zone:	TEMPORARY SIGN AND TAPE WERE POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/28/08 08:26 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 02933	<b>Facility Address</b> 7900 SHELBYVILLE RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751299	<u>Initiated</u> 03/04/08 09:07 PM	<u>Initiated By</u> FRENCH	<u>Assigned To</u> LEVITZ	<u>Disch Stat</u> D	<u>Event Date</u> 03/04/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 01:37 PM
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**Spot Inspections:**

Discharge Amount:	150,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR I&FP TO CLEAN THIS MANHOLE
Control Zone:	NO CONTROL ZONE REQUIRED - PERMANENT SIGNS POSTED ALONG CREEK
Impact:	SEWAGE OVERFLOWING THROUGH LID
Repair:	THE SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED DECEMBER 2008

**Notifications:**

03/05/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/06/08 02:40 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/06/08 03:29 PM	Signs posted along creek



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

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 02935	<b>Facility Address</b> 7900 SHELBYVILLE RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757286	<u>Initiated</u> 03/19/08 11:05 AM	<u>Initiated By</u> MITCHELL	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 09:38 AM
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**Spot Inspections:**

Discharge Amount:	3,420 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 757662
Control Zone:	PERMANENT SIGNS POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 11:05 AM	PERMANENT SIGNS ARE POSTED ALONG THE CREEK AT THIS LOCATION
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

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

<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 08426	<b>Facility Address</b> 4315 PRUITT CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	740843	02/06/08 01:24 PM	FRENCH	GRIFFITH	D	09/03/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/06/08 03:00 PM

**Spot Inspections:**

Discharge Amount:	2,350 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	NO DEBRIS OBSERVED, NO CLEANUP REQUIRED
Control Zone:	BARRICADES AND TEMPORARY SIGNS PLACED ON ADJACENT MANHOLE 2-3 FEET AWAY.
Impact:	SMALL AMOUNT OF DILUTE SEWAGE SEEPING FROM PICKHOLES AT MANHOLE
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SSDP TO BE SUBMITTED TO EPA DECEMBER 2008

**Notifications:**

02/07/08 12:59 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 11:13 AM	Public notified with temporary signs and barricades



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

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	761593	03/28/08 10:05 AM	MITCHELL	GRIFFITH	D	09/03/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 12:37 PM

**Spot Inspections:**

Discharge Amount:	414 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEANING AFTER RAIN EVENT - WO# 761599
Control Zone:	DOOR HANGERS, BARRICADE, TEMPORARY SIGN AND TAPE HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/29/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 10:05 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND TEMPORARY SIGN
03/31/08 02:16 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 08427	<b>Facility Address</b> 4313 PRUITT CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757307	<u>Initiated</u> 03/19/08 08:00 PM	<u>Initiated By</u> JOHNSON JR	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 05:25 PM
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**Spot Inspections:**

Discharge Amount:	13,500 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGNS AND DOOR HANGERS
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 08:00 PM	ADVISED CUSTOMER BY DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 08430	<b>Facility Address</b> 4341 PRUITT CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740646	<u>Initiated</u> 02/06/08 01:24 AM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/08/08 07:10 AM
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**Spot Inspections:**

Discharge Amount:	1,800 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	CLEAN UP NEEDED
Control Zone:	DOOR HANGERS WERE POSTED
Impact:	SEWAGE AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

02/06/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 01:24 PM	ADVISED CUSTOMERS BY DOOR HANGERS
02/06/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	750749	03/04/08 05:10 AM	MITCHELL	GRIFFITH	D	02/17/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 01:13 PM

**Spot Inspections:**

Discharge Amount:	189,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGNS AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 05:10 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	751548	03/04/08 05:10 AM	MITCHELL	GRIFFITH	D	02/17/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 01:35 PM

**Spot Inspections:**

Discharge Amount:	189,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 05:10 AM	ADVISED CUSTOMERS BY TEMPORARY SIGN AND DOOR HANGERS
03/06/08 02:45 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	757164	03/19/08 09:20 AM	MITCHELL	GRIFFITH	D	02/17/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 08:25 PM

**Spot Inspections:**

Discharge Amount:	113,400 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751547
Control Zone:	BARRICADE, TEMPORARY SIGNS, CAUTION TAPE AND DOOR HANGERS HAVE POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 09:20 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS AND DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	761586	03/28/08 09:58 AM	MITCHELL	GRIFFITH	D	02/17/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 12:30 PM

**Spot Inspections:**

Discharge Amount:	1,242 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEANING AFTER RAIN EVENT - WO# 761598
Control Zone:	DOOR HANGERS, BARRICADE, TEMPORARY SIGN AND TAPE HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/29/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 09:58 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND TEMPORARY SIGN
03/31/08 02:15 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 08935-SM	<b>Facility Address</b> 1001 BRECKENRIDGE LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 735798	<u>Initiated</u> 01/10/08 04:32 PM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 11/29/01	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/11/08 03:40 AM
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**Spot Inspections:**

Discharge Amount:	110,880 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO THE MAGNITUDE OF THE STORM
Control Zone:	PERMANENT SIGNS ARE POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

01/10/08 12:59 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov
01/10/08 04:32 PM	ADVISED CUSTOMERS WITH PERMANENT SIGNS
01/10/08 12:59 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	740271	02/05/08 12:58 PM	GRIFFITH	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/11/08 12:45 PM

**Spot Inspections:**

Discharge Amount:	1,620,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE NEEDED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

02/05/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/05/08 12:58 PM	ADVISED CUSTOMERS WITH PERMANENT SIGNS
02/05/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	743419	02/12/08 05:05 PM	GRIFFITH	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/13/08 01:00 AM

**Spot Inspections:**

Discharge Amount:	585,268 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

02/12/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/12/08 05:05 PM	ADVISED CUSTOMERS BY PERMANENT SIGNS
02/12/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	750722	03/04/08 02:34 AM	GRIFFITH	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/06/08 12:08 PM

**Spot Inspections:**

Discharge Amount:	12,397,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NO CLEAN UP NEEDED
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION IS IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 02:34 AM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	752175	03/10/08 08:21 PM	GRIFFITH	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/14/08 11:20 PM

**Spot Inspections:**

Discharge Amount:	5,574,432 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/10/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/10/08 08:45 PM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/10/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	756551	03/18/08 12:50 PM	MITCHELL	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/22/08 01:19 AM

**Spot Inspections:**

Discharge Amount:	16,979,740 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:50 PM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760914	03/27/08 06:28 AM	LASLEY JR	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/30/08 12:56 PM

**Spot Inspections:**

Discharge Amount:	7,225,620 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	BARRICADE, TEMPORARY SIGN AND CONE PLACED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOACATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/31/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 11:33 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 12:58 PM	TEMPORARY SIGNS WERE POSTED



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

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

**Activity Code / Description** DISREV: RAIN EVENT DISCHARGE      **WO #** 762239      **Initiated** 03/31/08 11:54 AM      **Initiated By** GRIFFITH      **Assigned To** GRIFFITH      **Disch Stat** D      **Event Date** 11/29/01      **Problem** LACK OF SYSTEM CAPACITY      **Resolution** DISCHARGE TO WATERS OF THE US      **Completed** Ongoing

**Spot Inspections:**

Discharge Amount:	19,916 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED
Repair:	THIS WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/31/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/31/08 11:54 AM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/31/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	13931	1562 MCKAY AVE			

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	751021	03/04/08 02:38 PM	RICHARDSON	RICHARDSON	D	03/04/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 10:30 AM

**Spot Inspections:**

Discharge Amount:	6,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PLACED SIGNS AROUND IMPACTED AREA
Impact:	SEWAGE DISCHARGING FROM MANHOLE
Repair:	REPAIRS NOT WARRANTED

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 02:51 PM	ADVISED CUSTOMER BY TELEPHONE MESSAGE
03/04/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 13943	<b>Facility Address</b> 4119 LEE AVE	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 756901	<u>Initiated</u> 03/19/08 10:30 AM	<u>Initiated By</u> MARINO	<u>Assigned To</u> MARINO	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 11:00 AM
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**Spot Inspections:**

Discharge Amount:	250 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PLACED SIGNS AND BARRICADES AROUND THE IMPACTED AREA
Impact:	SEWAGE COMING OUT OF THE MANHOLE
Repair:	REPAIRS NOT WARRANTED

**Notifications:**

03/19/08 10:30 AM	ADVISED CUSTOMER BY DOOR CARD
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 16649	<b>Facility Address</b> 1726 FRASER DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740659	<u>Initiated</u> 02/06/08 10:15 AM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 01/24/02	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/08/08 11:00 AM
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**Spot Inspections:**

Discharge Amount:	481,013 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED
Repair:	WILL BE MONITORED AND EVALUATED FOR REPAIR

**Notifications:**

02/06/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 10:15 AM	ADVISED CUSTOMERS BY DOOR HANGERS
02/06/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	743394	02/12/08 04:00 PM	MITCHELL	GRIFFITH	D	01/24/02	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/13/08 01:15 PM

**Spot Inspections:**

Discharge Amount:	74,013 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

02/12/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/12/08 04:00 PM	ADVISED CUSTOMERS BY DOOR HANGERS
02/12/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750736	03/04/08 03:44 AM	MITCHELL	GRIFFITH	D	01/24/02	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/07/08 08:00 PM

**Spot Inspections:**

Discharge Amount:	1,389,212 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 03:44 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756449	03/18/08 11:45 AM	MITCHELL	GRIFFITH	D	01/24/02	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/23/08 09:15 AM

**Spot Inspections:**

Discharge Amount:	3,058,786 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF THIS STORM
Control Zone:	DOOR HANGERS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/18/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 11:45 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/18/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

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

**Activity Code / Description** DISREV: RAIN EVENT DISCHARGE      **WO #** 760811      **Initiated** 03/27/08 11:16 AM      **Initiated By** MITCHELL      **Assigned To** GRIFFITH      **Disch Stat** D      **Event Date** 01/24/02      **Problem** LACK OF SYSTEM CAPACITY      **Resolution** DISCHARGE TO WATERS OF THE US      **Completed** Ongoing

**Spot Inspections:**

Discharge Amount:	1,261,809 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF THE STORM
Control Zone:	DOOR HANGERS WERE POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/27/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 11:16 AM	DOOR HANGERS WERE POSTED
03/27/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 17571	<b>Facility Address</b> 3035 CARSON WAY	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 735844	<u>Initiated</u> 01/10/08 07:22 PM	<u>Initiated By</u> BRIGHT	<u>Assigned To</u> BRIGHT	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> PUMPED OVERFLOW	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/10/08 09:59 PM
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**Spot Inspections:**

Discharge Amount:	204,100 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

01/10/08 07:22 PM	MSD PERSONNEL PLACED SIGNS
01/10/08 12:59 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	740338	02/06/08 01:15 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	02/06/08 12:00 PM

**Spot Inspections:**

Discharge Amount:	838,500 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/06/08 01:15 AM	MSD PERSONNEL PLACED SIGNS
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	750714	03/04/08 02:15 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/05/08 02:02 AM

**Spot Inspections:**

Discharge Amount:	1,855,100 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 02:15 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756540	03/18/08 01:33 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/19/08 03:30 AM

**Spot Inspections:**

Discharge Amount:	1,088,100 GAL
Cause:	SET PUMP TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 01:33 PM	MSD PERSONNEL PLACED SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	756715	03/19/08 05:00 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/20/08 01:10 PM

**Spot Inspections:**

Discharge Amount:	2,775,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 05:00 AM	MSD PERSONNEL PLACED SIGNS
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760582	03/27/08 07:32 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/27/08 03:50 PM

**Spot Inspections:**

Discharge Amount:	647,400 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 07:32 AM	MSD PERSONNEL PLACED SIGNS
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760854	03/28/08 03:30 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/28/08 05:55 PM

**Spot Inspections:**

Discharge Amount:	1,211,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 03:30 AM	MSD PERSONNEL PLACED SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 18471	<b>Facility Address</b> 3107 DELL BROOKE AVE	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 735845	<u>Initiated</u> 01/10/08 07:40 PM	<u>Initiated By</u> BRIGHT	<u>Assigned To</u> BRIGHT	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> PUMPED OVERFLOW	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/11/08 01:30 AM
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**Spot Inspections:**

Discharge Amount:	420,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

01/10/08 12:59 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov
01/10/08 07:40 PM	MSD PERSONNEL PLACED SIGNS
01/10/08 12:59 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	740349	02/06/08 02:10 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	02/07/08 02:58 AM

**Spot Inspections:**

Discharge Amount:	2,080,400 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 02:10 AM	MSD PERSONNEL PLACED SIGNS
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	750715	03/04/08 03:03 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/05/08 10:40 PM

**Spot Inspections:**

Discharge Amount:	3,794,400 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 03:03 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756542	03/18/08 01:54 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/21/08 03:30 AM

**Spot Inspections:**

Discharge Amount:	5,640,800 GAL
Cause:	SET PUMP TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 01:54 PM	MSD PERSONNEL PLACED SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KY0022411 (Cont'd) DISREV: RAIN EVENT DISCHARGE	MSD0278 760583	03/27/08 08:00 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/27/08 04:37 PM

**Spot Inspections:**

Discharge Amount:	722,900 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 08:00 AM	MSD PERSONNEL PLACED SIGNS
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KY0022411 (Cont'd) DISREV: RAIN EVENT DISCHARGE	MSD0278 760858	03/28/08 05:45 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/29/08 02:15 AM

**Spot Inspections:**

Discharge Amount:	1,882,600 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 05:45 AM	MSD PERSONNEL PLACED SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 18483	<b>Facility Address</b> 3015 BOAIRES LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 735847	<u>Initiated</u> 01/10/08 06:21 PM	<u>Initiated By</u> BRIGHT	<u>Assigned To</u> BRIGHT	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> PUMPED OVERFLOW	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/10/08 10:11 PM
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**Spot Inspections:**

Discharge Amount:	299,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

01/10/08 04:21 PM	MSD PERSONNEL PLACED SIGNS
01/10/08 12:59 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov





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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	740350	02/06/08 02:18 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	02/07/08 01:03 AM

**Spot Inspections:**

Discharge Amount:	1,725,400 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 02:18 AM	MSD PERSONNEL PLACED SIGNS
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	743412	02/12/08 06:13 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	02/13/08 02:10 AM

**Spot Inspections:**

Discharge Amount:	620,100 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/12/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/12/08 06:13 PM	MSD PERSONNEL PLACED SIGNS
02/12/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	750713	03/04/08 02:28 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/05/08 01:35 PM

**Spot Inspections:**

Discharge Amount:	3,139,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 02:28 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name	Receiving Stream of Treatment Plant	Region					
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST					
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	756585	03/18/08 03:00 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/20/08 11:20 PM

**Spot Inspections:**

Discharge Amount:	5,207,700 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 03:00 PM	MSD PERSONNEL PLACED SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760609	03/27/08 09:05 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/27/08 08:30 PM

**Spot Inspections:**

Discharge Amount:	909,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 09:05 AM	MSD PERSONNEL PLACED SIGNS
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760863	03/28/08 05:45 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/29/08 01:20 AM

**Spot Inspections:**

Discharge Amount:	1,828,200 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 05:45 AM	MSD PERSONNEL PLACED SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 18505	<b>Facility Address</b> 3540 RAMONA AVE	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750737	<u>Initiated</u> 03/04/08 04:27 AM	<u>Initiated By</u> RICHARDSON	<u>Assigned To</u> BRIGHT	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> PUMPED OVERFLOW	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 10:09 AM
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**Spot Inspections:**

Discharge Amount:	2,462,400 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 04:27 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN	Receiving Stream of Treatment Plant OHIO RIVER	Region WEST					
DISREV: RAIN EVENT DISCHARGE	756749	03/19/08 06:45 AM	RICHARDSO	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/20/08 02:11 PM

**Spot Inspections:**

Discharge Amount:	2,569,800 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 06:45 AM	MSD PERSONNEL PLACED SIGNS
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name	Receiving Stream of Treatment Plant	Region					
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST					
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	760866	03/28/08 08:10 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/28/08 01:15 PM

**Spot Inspections:**

Discharge Amount:	396,500 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 08:10 AM	MSD PERSONNEL PLACED SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 18595	<b>Facility Address</b> 3101 WEDGEWOOD WAY	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> WEDGEWOOD DITCH	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 735848	<u>Initiated</u> 01/10/08 07:35 PM	<u>Initiated By</u> BRIGHT	<u>Assigned To</u> BRIGHT	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> PUMPED OVERFLOW	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/10/08 10:07 PM
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**Spot Inspections:**

Discharge Amount:	197,600 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

01/10/08 07:35 PM	MSD PERSONNEL PLACED SIGNS
01/10/08 12:59 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	740340	02/06/08 01:32 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	02/06/08 11:45 AM

**Spot Inspections:**

Discharge Amount:	790,400 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/06/08 01:32 AM	MSD PERSONNEL PLACED SIGNS
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	750711	03/04/08 02:03 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/05/08 01:56 AM

**Spot Inspections:**

Discharge Amount:	1,950,300 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 02:03 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756538	03/18/08 01:47 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/18/08 07:43 PM

**Spot Inspections:**

Discharge Amount:	462,800 GAL
Cause:	SET PUMP TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 01:47 PM	MSD PERSONNEL PLACED SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756707	03/18/08 10:35 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/19/08 01:15 AM

**Spot Inspections:**

Discharge Amount:	208,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 10:35 PM	MSD PERSONNEL PLACED SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756714	03/19/08 04:42 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/20/08 11:40 AM

**Spot Inspections:**

Discharge Amount:	2,542,400 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 04:42 AM	MSD PERSONNEL PLACED SIGNS
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760581	03/27/08 07:53 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/27/08 04:32 PM

**Spot Inspections:**

Discharge Amount:	674,700 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 07:53 AM	MSD PERSONNEL PLACED SIGNS
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KY0022411 (Cont'd) DISREV: RAIN EVENT DISCHARGE	MSD0278 760857	03/28/08 03:40 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/28/08 06:15 PM

**Spot Inspections:**

Discharge Amount:	1,050,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 03:40 AM	MSD PERSONNEL PLACED SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 21061	<b>Facility Address</b> 4432 CORDOVA RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> UPPER SINKING FORK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 735850	<u>Initiated</u> 01/10/08 06:55 PM	<u>Initiated By</u> BRIGHT	<u>Assigned To</u> BRIGHT	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> PUMPED OVERFLOW	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/10/08 10:15 PM
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**Spot Inspections:**

Discharge Amount:	240,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

01/10/08 06:55 PM	MSD PERSONNEL PLACED SIGNS
01/10/08 12:59 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	740335	02/06/08 12:56 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	02/07/08 05:40 AM

**Spot Inspections:**

Discharge Amount:	2,413,600 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 12:56 AM	MSD PERSONNEL PLACED SIGNS
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant				Region	
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER				WEST	
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750718	03/04/08 03:10 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/05/08 06:15 PM

**Spot Inspections:**

Discharge Amount:	3,338,900 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANATARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 03:10 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	756544	03/18/08 01:33 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/20/08 10:15 PM

**Spot Inspections:**

Discharge Amount:	4,635,800 GAL
Cause:	SET PUMP TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 01:33 PM	MSD PERSONNEL PLACED SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760584	03/27/08 08:13 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/27/08 11:21 PM

**Spot Inspections:**

Discharge Amount:	1,180,400 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 08:13 AM	MSD PERSONNEL PLACED SIGNS
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KY0022411 (Cont'd) DISREV: RAIN EVENT DISCHARGE	MSD0278 760860	03/28/08 03:45 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/29/08 02:20 AM

**Spot Inspections:**

Discharge Amount:	1,773,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 03:45 AM	MSD PERSONNEL PLACED SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 21089	<b>Facility Address</b> 207 BRUNSWICK RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> UPPER SINKING FORK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740343	<u>Initiated</u> 02/06/08 01:50 AM	<u>Initiated By</u> BRIGHT	<u>Assigned To</u> BRIGHT	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> PUMPED OVERFLOW	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/07/08 03:15 AM
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**Spot Inspections:**

Discharge Amount:	2,297,700 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 01:50 AM	MSD PERSONNEL PLACED SIGNS
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	750730	03/04/08 03:30 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/05/08 06:10 PM

**Spot Inspections:**

Discharge Amount:	3,105,600 GAL
Cause:	SET PUMP TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 03:30 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756548	03/18/08 01:55 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/21/08 07:50 AM

**Spot Inspections:**

Discharge Amount:	5,499,000 GAL
Cause:	SET PUMP TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 01:55 PM	MSD PERSONNEL PLACED SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760590	03/27/08 08:20 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/27/08 11:15 PM

**Spot Inspections:**

Discharge Amount:	1,163,500 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 08:20 AM	MSD PERSONNEL PLACED SIGNS
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KY0022411 (Cont'd) DISREV: RAIN EVENT DISCHARGE	MSD0278 760861	03/28/08 04:16 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/29/08 12:50 AM

**Spot Inspections:**

Discharge Amount:	1,810,200 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 04:16 AM	MSD PERSONNEL PLACED SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	21101	4302 SHELBYVILLE RD		UPPER SINKING FORK	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	740332	02/06/08 12:43 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	02/07/08 02:00 PM

**Spot Inspections:**

Discharge Amount:	3,131,800 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/05/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 12:43 AM	MSD PERSONNEL PLACED SIGNS
02/05/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	750750	03/04/08 05:10 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/06/08 12:20 PM

**Spot Inspections:**

Discharge Amount:	4,972,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 05:10 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756571	03/18/08 02:35 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/21/08 02:38 PM

**Spot Inspections:**

Discharge Amount:	6,700,300 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 02:35 PM	MSD PERSONNEL PLACED SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760591	03/27/08 08:10 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/29/08 02:47 PM

**Spot Inspections:**

Discharge Amount:	4,426,200 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 08:10 AM	MSD PERSONNEL PLACED SIGNS
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 21103	<b>Facility Address</b> 210 MARSHALL DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757302	<u>Initiated</u> 03/19/08 06:20 PM	<u>Initiated By</u> MORRISON	<u>Assigned To</u> MORRISON	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 06:40 PM
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**Spot Inspections:**

Discharge Amount:	50 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	PLACED SIGNS, BARRICADES AND CONES AROUND MANHOLE
Impact:	WATER AND DEBRIS AROUND MANHOLE
Repair:	REPAIRS NOT WARRANTED

**Notifications:**

03/19/08 06:20 PM	ADVISED CUSTOMER ON SITE
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 21153	<b>Facility Address</b> 4522 CORDOVA RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> UPPER SINKING FORK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 735853	<u>Initiated</u> 01/10/08 07:09 PM	<u>Initiated By</u> BRIGHT	<u>Assigned To</u> BRIGHT	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> PUMPED OVERFLOW	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/11/08 01:11 AM
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**Spot Inspections:**

Discharge Amount:	470,600 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

01/10/08 12:59 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov
01/10/08 07:09 PM	MSD PERSONNEL PLACED SIGNS
01/10/08 12:59 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	740339	02/06/08 01:27 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	02/07/08 06:29 AM

**Spot Inspections:**

Discharge Amount:	2,438,800 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 01:27 AM	MSD PERSONNEL PLACED SIGNS
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	750720	03/04/08 03:15 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/06/08 01:10 AM

**Spot Inspections:**

Discharge Amount:	3,752,400 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 03:15 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756550	03/18/08 02:15 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/21/08 12:46 PM

**Spot Inspections:**

Discharge Amount:	6,426,500 GAL
Cause:	SET PUMP TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 02:15 PM	MSD PERSONNEL PLACED SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760585	03/27/08 07:45 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/27/08 10:55 PM

**Spot Inspections:**

Discharge Amount:	1,229,700 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 07:45 AM	MSD PERSONNEL PLACED SIGNS
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760855	03/28/08 04:21 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/29/08 04:46 AM

**Spot Inspections:**

Discharge Amount:	1,904,500 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANATARY SEWER DISCHARGE PLAN

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 04:21 AM	MSD PERSONNEL PLACED SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> 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	21156	4601 STONEHENGE DR		UPPER SINKING FORK	CATCH BASIN

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	735852	01/10/08 06:37 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	01/11/08 01:16 AM

**Spot Inspections:**

Discharge Amount:	518,700 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

01/10/08 12:59 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov
01/10/08 06:37 PM	MSD PERSONNEL PLACED SIGNS
01/10/08 12:59 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov





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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	740341	02/06/08 01:40 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	02/07/08 06:56 AM

**Spot Inspections:**

Discharge Amount:	2,792,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 01:40 AM	MSD PERSONNEL PLACED SIGNS
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	750719	03/04/08 03:24 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/06/08 12:42 AM

**Spot Inspections:**

Discharge Amount:	4,456,900 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 03:24 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 05:50 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756547	03/18/08 02:01 PM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/21/08 02:12 PM

**Spot Inspections:**

Discharge Amount:	6,803,800 GAL
Cause:	SET PUMP TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 02:01 PM	MSD PERSONNEL PLACED SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760588	03/27/08 08:02 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/29/08 06:24 AM

**Spot Inspections:**

Discharge Amount:	4,350,500 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 08:02 AM	MSD PERSONNEL PLACED SIGNS
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 21506	<b>Facility Address</b> 901 FALGATE CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MUDDY FORK BEARGRASS CREEK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740524	<u>Initiated</u> 02/06/08 11:05 AM	<u>Initiated By</u> BRIGHT	<u>Assigned To</u> BRIGHT	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> PUMPED OVERFLOW	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/07/08 11:37 AM
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**Spot Inspections:**

Discharge Amount:	1,913,600 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 11:05 AM	MSD PERSONNEL PLACED SIGNS
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	750764	03/04/08 06:10 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/05/08 10:56 AM

**Spot Inspections:**

Discharge Amount:	2,243,800 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 06:10 AM	MSD PERSONNEL PLACED SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	756713	03/19/08 04:20 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/21/08 03:40 AM

**Spot Inspections:**

Discharge Amount:	1,822,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 04:20 AM	MSD PERSONNEL PLACED SIGNS
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	757749	03/21/08 04:50 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/21/08 08:55 AM

**Spot Inspections:**

Discharge Amount:	318,500 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMPS
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/21/08 04:50 AM	MSD PERSONNEL PLACED SIGNS
03/21/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760625	03/27/08 09:20 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/27/08 11:40 PM

**Spot Inspections:**

Discharge Amount:	1,118,000 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 09:20 AM	MSD PERSONNEL PLACED SIGNS
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KY0022411 (Cont'd) DISREV: RAIN EVENT DISCHARGE	MSD0278 760865	03/28/08 03:45 AM	BRIGHT	BRIGHT	D	02/17/00	PUMPED OVERFLOW	DISCHARGE TO WATERS OF THE US	03/29/08 01:50 AM

**Spot Inspections:**

Discharge Amount:	1,716,500 GAL
Cause:	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	MSD PERSONNEL SET OUT BARRICADES AND TEMPORARY SIGNS ON THE PUMP
Impact:	SEWAGE VISIBLE AROUND PUMPED DISCHARGE SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 03:45 AM	MSD PERSONNEL PLACED SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 21628-W	<b>Facility Address</b> 7404 ARROWWOOD RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> GOOSE CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740393	<u>Initiated</u> 02/06/08 05:30 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> DUNN JR	<u>Disch Stat</u> D	<u>Event Date</u> 12/16/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/06/08 12:00 PM
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**Spot Inspections:**

Discharge Amount:	682,500 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	AREA CLEANED AND SANITIZED DEBRIS REMOVED
Control Zone:	TEMPORARY SIGNS POSTED AND AREA WAS TAPED OFF.
Impact:	DISCOLORATION OF STREAM AND SOME DEBRIS
Repair:	WILL HAUL TO PREVENT DISCHARGE

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 08:26 AM	Temporary signs posted and area taped off
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KY0022411 (Cont'd) DISREV: RAIN EVENT DISCHARGE	MSD0278 750895	03/04/08 10:22 AM	MORRIS FORMAN MARKS JR	SIMMS	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 03:00 AM

**Spot Inspections:**

Discharge Amount:	20,400 GAL
Cause:	STORM FLOW CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	AREA RAKED AND DEBRI HAULED
Control Zone:	SIGNS POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	TEMPORARY SIGNS POSTED

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	756596	03/18/08 02:30 PM	ELDER	DUNN JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/21/08 02:00 AM

**Spot Inspections:**

Discharge Amount:	37,800 GAL
Cause:	LACK OF CAPACITY
Clean Up:	RAKED DEBRI, HAULED AWAY
Control Zone:	PERMANENT SIGN
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	HAULED TO PREVENT WORK ORDER 756690

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN	Receiving Stream of Treatment Plant OHIO RIVER	Region WEST					
DISREV: RAIN EVENT DISCHARGE	760663	03/27/08 08:00 AM	MARKS JR	SIMMS	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/27/08 07:55 PM

**Spot Inspections:**

Discharge Amount:	36,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	DEBRIS
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 21640	<b>Facility Address</b> 1200 GIRARD DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MUDDY FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 760673	<u>Initiated</u> 03/27/08 11:55 AM	<u>Initiated By</u> GOODWIN SR	<u>Assigned To</u> GOODWIN SR	<u>Disch Stat</u> R	<u>Event Date</u> 03/27/08	<u>Problem</u> ROOTS	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/27/08 12:10 PM
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**Spot Inspections:**

Discharge Amount:	50 GAL
Cause:	ROOTS IN THE MAIN SEWER
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	NO SIGNS WERE NEEDED; DISCHARGE CONTAINED TO CATCH BASIN
Impact:	SEWAGE FROM MANHOLE WENT INTO THE CATCH BASIN
Repair:	WORK ORDER 760675 - ROOTCUT THE SEWER

**Notifications:**

03/27/08 11:55 AM	ADVISED CUSTOMER ON SITE
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Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 23211	<b>Facility Address</b> 3302 TROUT CREEK DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 756741	<u>Initiated</u> 03/19/08 07:40 AM	<u>Initiated By</u> MITCHELL	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 02/22/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 05:17 PM
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**Spot Inspections:**

Discharge Amount:	17,820 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	BARRICADES, TEMPORARY SIGNS AND DOOR HANGERS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 07:40 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND TEMPORARY SIGNS
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 24152-W	<b>Facility Address</b> 3733 CANOE LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MUDDY FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 756654	<u>Initiated</u> 03/18/08 04:00 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> DUNN JR	<u>Disch Stat</u> D	<u>Event Date</u> 12/16/07	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 08:00 PM
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**Spot Inspections:**

Discharge Amount:	23,400 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA RAKED AND DEBRI HAULED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 25012	<b>Facility Address</b> 4641 BEAVER RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> UPPER SINKING FORK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740693	<u>Initiated</u> 02/06/08 11:24 AM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 05/28/04	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/06/08 02:45 PM
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**Spot Inspections:**

Discharge Amount:	900 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	CLEAN UP IS NEEDED
Control Zone:	TEMPORARY SIGNS, CONES AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SEWAGE AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION IS IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

02/06/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 11:24 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS, DOOR HANGARS AND CONES
02/06/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	750731	03/04/08 03:13 AM	MITCHELL	GRIFFITH	D	05/28/04	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 10:18 AM

**Spot Inspections:**

Discharge Amount:	186,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TAPE AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION IS IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 03:13 AM	ADVISED CUSTOMERS BY BARRICADE, TAPE AND DOOR HANGERS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	760934	03/28/08 08:01 AM	MITCHELL	GRIFFITH	D	05/28/04	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/29/08 08:05 AM

**Spot Inspections:**

Discharge Amount:	74,520 GAL
Cause:	HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	BARRICADE, TAPE AND DOOR HANGERS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 08:01 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 25676	<b>Facility Address</b> 3703 ALCONA LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750772	<u>Initiated</u> 03/04/08 06:00 AM	<u>Initiated By</u> MITCHELL	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 02/18/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 11:45 PM
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**Spot Inspections:**

Discharge Amount:	888,300 GAL
Cause:	LACK OF SYSTEM CAPACIY - HEAVY RAIN
Clean Up:	A DISCLN WORK ODER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	TAPE, CONE AND TEMPORARY SIGNS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 06:00 AM	ADVISED CUSTOMERS BY SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	756764	03/19/08 08:46 AM	MITCHELL	GRIFFITH	D	02/18/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 10:10 AM

**Spot Inspections:**

Discharge Amount:	380,640 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751570
Control Zone:	CONE, TEMPORARY SIGNS, DOOR HANGERS AND CAUTION TAPE HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 08:46 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS AND DOOR HANGERS
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	757346	03/19/08 09:25 PM	DUNLAP	DUNLAP	D	02/18/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/19/08 09:35 PM

**Spot Inspections:**

Discharge Amount:	20 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	ADVISED CUSTOMER TO AVOID DIRECT CONTACT WITH SEWAGE
Impact:	WATER AND PAPER PRODUCTS DISCHARGING FROM THE MANHOLE
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/19/08 09:25 PM	ADVISED CUSTOMER BY DOOR CARD
03/20/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 26650	<b>Facility Address</b> 3715 BRIARBRIDGE LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757337	<u>Initiated</u> 03/19/08 07:30 PM	<u>Initiated By</u> GOODWIN SR	<u>Assigned To</u> GOODWIN SR	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 08:00 PM
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**Spot Inspections:**

Discharge Amount:	150 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	NO CLEAN UP WAS NEED
Control Zone:	SIGNS ALREADY PLACED AT THIS LOCATION
Impact:	CLEAR WATER COMING FROM MANHOLE
Repair:	NO REPAIRS WARRANTED

**Notifications:**

03/19/08 07:30 PM	MSD PERSONNEL PLACED SIGN
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 26752	<b>Facility Address</b> 3317 BROWNSBORO RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MUDDY FORK BEARGRASS CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE	<u>WO #</u> 758055	<u>Initiated</u> 03/21/08 12:45 PM	<u>Initiated By</u> DUNLAP	<u>Assigned To</u> DUNLAP	<u>Disch Stat</u> R	<u>Event Date</u> 03/21/08	<u>Problem</u> OBSTRUCTION-NOT GREASE / ROOTS	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/21/08 03:00 PM
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**Spot Inspections:**

Discharge Amount:	25 GAL
Cause:	OBSTRUCTION IN MAIN SEWER
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	ADVISED CUSTOMER TO AVOID DIRECT CONTACT WITH SEWAGE
Impact:	WATER, DEBRI AND PAPER PRODUCTS AROUND MANHOLE
Repair:	WORK ORDER 758023 - ROOT CUT LINE TO STOP DISCHARGE

**Notifications:**

03/21/08 12:45 PM	ADVISED CUSTOMER BY TELEPHONE
03/21/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 27005	<b>Facility Address</b> 1012 ALTA CIR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 735876	<u>Initiated</u> 01/10/08 06:00 PM	<u>Initiated By</u> MITCHELL	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 09/02/03	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/10/08 07:15 PM
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**Spot Inspections:**

Discharge Amount:	31,050 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT
Control Zone:	POSTED TAPE, CONES, BARRICADES AND TEMPORARY SIGNS
Impact:	PERMANENT SIGNS ARE POSTED, SETUP BARRICADES WITH TEMPORARY SIGNS, CONES AND CAUTION TAPE
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

01/11/08 12:59 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov
01/10/08 06:00 PM	ADVISED CUSTOMERS WITH CONE, TAPE, BARRICADES AND TEMPORARY SIGNS
01/11/08 12:59 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



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

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	740424	02/06/08 02:25 AM	GRIFFITH	GRIFFITH	D	09/02/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/07/08 06:20 PM

**Spot Inspections:**

Discharge Amount:	432,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS OBSERVED ON GROUND, CLEAN UP REQUIRED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 02:25 AM	ADVISED CUSTOMERS BY PERMANENT SIGNS



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

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	743364	02/12/08 01:17 PM	GRIFFITH	GRIFFITH	D	09/02/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/13/08 11:00 AM

**Spot Inspections:**

Discharge Amount:	9,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Control Zone:	PERMANENT SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

02/12/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/12/08 01:17 PM	ADVISED CUSTOMERS BY PERMANENT SIGNS
02/12/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750717	03/04/08 01:09 AM	MITCHELL	GRIFFITH	D	09/02/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 02:05 PM

**Spot Inspections:**

Discharge Amount:	972,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	PERMANENT SIGNS, CONE, BARRICADE AND TAPE HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS OBSERVED ON THE GROUND
Repair:	THIS LOCATION IS IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 01:09 AM	ADVISED CUSTOMERS BY PERMANENT SIGNS, CONE, TAPE AND BARRICADE
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756569	03/18/08 01:18 PM	MITCHELL	GRIFFITH	D	09/02/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/22/08 07:35 AM

**Spot Inspections:**

Discharge Amount:	2,403,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 757672
Control Zone:	BARRICADE, TEMPORARY SIGNS AND CONE HAVE BEEN POSTED
Impact:	SOILS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 01:18 PM	ADVISED CUSTOMERS BY TEMPORARY SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name	Receiving Stream of Treatment Plant	Region					
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST					
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	760802	03/27/08 07:35 AM	MITCHELL	GRIFFITH	D	09/02/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/29/08 08:10 PM

**Spot Inspections:**

Discharge Amount:	1,309,500 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGN AND CONE WAS POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/27/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 07:35 AM	TEMPORARY SIGN WAS POSTED
03/27/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

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

**Activity Code / Description** DISREV: RAIN EVENT DISCHARGE      **WO #** 762253      **Initiated** 03/31/08 12:36 PM      **Initiated By** GRIFFITH      **Assigned To** GRIFFITH      **Disch Stat** D      **Event Date** 09/02/03      **Problem** LACK OF SYSTEM CAPACITY      **Resolution** DISCHARGE TO WATERS OF THE US      **Completed** Ongoing

**Spot Inspections:**

Discharge Amount:	19,500 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO THE MAGNITUDE OF THE STORM
Control Zone:	BARRICADE, TEMPORARY SIGN AND CONE HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/31/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/31/08 12:36 PM	ADVISED CUSTOMERS BY TEMPORARY SIGN
03/31/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 30680	<b>Facility Address</b> 3420 FOUNTAIN DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750768	<u>Initiated</u> 03/04/08 05:30 AM	<u>Initiated By</u> MITCHELL	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 05/30/04	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 12:30 PM
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**Spot Inspections:**

Discharge Amount:	10,260 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A CLEANING WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 05:30 AM	ADVISED CUSTOMERS BY SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KY0022411 (Cont'd) DISREV: RAIN EVENT DISCHARGE	MSD0278 757199	03/19/08 10:00 AM	JOHNSON JR	GRIFFITH	D	05/30/04	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 05:40 PM

**Spot Inspections:**

Discharge Amount:	15,660 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751616
Control Zone:	CONE, TEMPORARY SIGNS AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 10:00 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	761582	03/28/08 09:47 AM	MITCHELL	GRIFFITH	D	05/30/04	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 12:55 PM

**Spot Inspections:**

Discharge Amount:	540 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	DOOR HANGERS, TEMPORARY SIGN AND CONE HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/29/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 09:47 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND TEMPORARY SIGN
03/31/08 02:14 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 40871	<b>Facility Address</b> 2120 INDIAN HILLS TRL	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MUDDY FORK BEARGRASS CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751037	<u>Initiated</u> 03/04/08 08:40 AM	<u>Initiated By</u> COWARD	<u>Assigned To</u> KAISER	<u>Disch Stat</u> D	<u>Event Date</u> 03/04/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 01:00 AM
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**Spot Inspections:**

Discharge Amount:	18,000 GAL
Cause:	STORM FLOW CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	BARRICADES ARE PLACED AROUND AREA
Impact:	SOILS AND DEBRIS ON GROUND
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED DEC 2008

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756685	03/18/08 05:20 PM	MARKS JR	DUNN JR	D	03/04/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 05:00 AM

**Spot Inspections:**

Discharge Amount:	312,200 GAL
Cause:	STORM FLOW CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	SIGNS POSTED AND BARRICADES SET UP
Impact:	DEBRI
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 40872	<b>Facility Address</b> 2105 INDIAN HILLS TRL	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MUDDY FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740575	<u>Initiated</u> 02/06/08 09:45 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> KUSTES	<u>Disch Stat</u> D	<u>Event Date</u> 12/15/07	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/06/08 03:40 PM
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**Spot Inspections:**

Discharge Amount:	5,400 GAL
Cause:	STORM FLOW CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	AREA CLEANED AND SANITIZED DEBRI WAS REMOVED
Control Zone:	TEMPORARY SIGNS POSTED AND AREA TAPED OFF
Impact:	SOME DEBRI AND SLIGHT STREAM DISCOLORAZTION
Repair:	HAULING TO PREVENT DISCHARGE

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750881	03/04/08 08:40 AM	MARKS JR	KAISER	D	12/15/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 01:00 AM

**Spot Inspections:**

Discharge Amount:	204,000 GAL
Cause:	STORM FLOW CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	AREA RAKED AND DEBRI HAULED
Control Zone:	BARRICADES ARE PLACED AROUND AREA
Impact:	SOILS AND DEBRIS
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED DEC 2008



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

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756687	03/18/08 05:20 PM	MARKS JR	DUNN JR	D	12/15/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 05:00 AM

**Spot Inspections:**

Discharge Amount:	108,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO STORM FLOW
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	SIGNS POSTED AND BARRICADES SET UP
Impact:	DEBRIS
Repair:	THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	760819	03/27/08 11:50 AM	MARKS JR	KAISER	D	12/15/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/29/08 02:05 AM

**Spot Inspections:**

Discharge Amount:	342,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	BARRICADES SET UP AND TEMPORARY SIGNS POSTED
Impact:	DEBRI OBSERVED
Repair:	THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/27/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 42680	<b>Facility Address</b> 4640 BARBOUR LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> LITTLE GOOSE CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757019	<u>Initiated</u> 03/19/08 09:30 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> DUNN JR	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 02:30 AM
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**Spot Inspections:**

Discharge Amount:	162,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA RAKED AND DEBRI HAULED AND AREA SANITIZED
Control Zone:	SIGNS POSTED
Impact:	DISCOLORATION OF STREAM
Repair:	THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 43472	<b>Facility Address</b> 8409 SABERDEE DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> GOOSE CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 756664	<u>Initiated</u> 03/18/08 05:20 PM	<u>Initiated By</u> RICHARDSO N	<u>Assigned To</u> RICHARDSO N	<u>Disch Stat</u> D	<u>Event Date</u> 03/04/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/18/08 06:07 PM
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**Spot Inspections:**

Discharge Amount:	200 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	ADVISED CUSTOMER TO AVOID DIRECT CONTACT WITH SEWAGE
Impact:	SEWER WATER DISCHARGING FROM THE MANHOLE
Repair:	REFERRED TO MSD OPERATION TO CHECK THE PUMP STATION

**Notifications:**

03/18/08 05:20 PM	ADVISED CUSTOMER BY DOOR CARDS
03/18/08 05:20 PM	ADVISED CUSTOMER BY DOOR CARDS AND POSTED DISCHARGE SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 44397	<b>Facility Address</b> 4000 FINCASTLE RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750743	<u>Initiated</u> 03/04/08 04:00 AM	<u>Initiated By</u> MITCHELL	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 05/27/04	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 12:10 PM
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**Spot Inspections:**

Discharge Amount:	10,800 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	CONE, TAPE AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 04:00 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756738	03/19/08 05:25 AM	JOHNSON JR	GRIFFITH	D	05/27/04	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/21/08 01:15 PM

**Spot Inspections:**

Discharge Amount:	27,540 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751672
Control Zone:	DOOR HANGERS AND CAUTION TAPE HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 05:25 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	760808	03/27/08 08:41 AM	MITCHELL	GRIFFITH	D	05/27/04	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 09:20 PM

**Spot Inspections:**

Discharge Amount:	16,740 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO THE MAGNITUDE OF THE STORM
Control Zone:	DOOR HANGERS, TAPE AND PERMANENT SIGNS WAS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/27/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 08:41 AM	DOOR HANGERS AND PERMANENT SIGNS WAS POSTED
03/27/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 45835	<b>Facility Address</b> 1132 ROSTREVOR CIR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740421	<u>Initiated</u> 02/06/08 02:05 AM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 09/02/03	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/07/08 06:15 PM
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**Spot Inspections:**

Discharge Amount:	432,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	CLEAN UP NEEDED
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	SEWAGE AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 02:05 AM	ADVISED CUSTOMERS BY PERMANENT SIGNS



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

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750815	03/04/08 06:32 AM	MITCHELL	GRIFFITH	D	09/02/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 09:45 AM

**Spot Inspections:**

Discharge Amount:	395,280 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, CONE, TAPE AND PERMANENT SIGN HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 06:32 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND PERMANENT SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN	Receiving Stream of Treatment Plant OHIO RIVER	Region WEST					
DISREV: RAIN EVENT DISCHARGE	756562	03/18/08 01:08 PM	MITCHELL	GRIFFITH	D	09/02/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/22/08 07:30 AM

**Spot Inspections:**

Discharge Amount:	1,302,960 GAL
Cause:	HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751661
Control Zone:	BARRICADES, TEMPORARY SIGNS AND CONE HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 31, 2008

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 01:08 PM	ADVISED CUSTOMERS BY TEMPORARY SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	760795	03/27/08 07:29 AM	MITCHELL	GRIFFITH	D	09/02/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/29/08 08:15 PM

**Spot Inspections:**

Discharge Amount:	294,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF THE STORM
Control Zone:	BARRICADE, TEMPORARY SIGNS AND CONES WERE POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/27/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 07:29 AM	TEMPORARY SIGNS WERE POSTED
03/27/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

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

**Activity Code / Description** DISREV: RAIN EVENT DISCHARGE      **WO #** 762244      **Initiated** 03/31/08 12:34 PM      **Initiated By** GRIFFITH      **Assigned To** GRIFFITH      **Disch Stat** D      **Event Date** 09/02/03      **Problem** LACK OF SYSTEM CAPACITY      **Resolution** DISCHARGE TO WATERS OF THE US      **Completed** Ongoing

**Spot Inspections:**

Discharge Amount:	15,120 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	BARRICADE, TEMPORARY SIGNS AND CONES HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/31/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/31/08 12:34 PM	ADVISED CUSTOMERS BY TEMPORARY SIGN
03/31/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 46891	<b>Facility Address</b> 7800 WESTPORT RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> GOOSE CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757218	<u>Initiated</u> 03/19/08 05:00 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> SIMMS	<u>Disch Stat</u> D	<u>Event Date</u> 06/15/03	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 08:20 PM
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**Spot Inspections:**

Discharge Amount:	40,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	SIGNS POSTED
Impact:	DISCOLORATION OF STREAM
Repair:	THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	MSD0278		MORRIS FORMAN				OHIO RIVER	Region WEST	
DISREV: RAIN EVENT DISCHARGE	757225	03/19/08 05:30 PM	ELDER	SIMMS	D	06/15/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/19/08 11:50 PM

**Spot Inspections:**

Discharge Amount:	246,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	SIGNS POSTED
Impact:	DISCOLORATION OF STREAM
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 47583	<b>Facility Address</b> 202 OXMOOR LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740696	<u>Initiated</u> 02/06/08 11:41 AM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 02/06/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/07/08 06:35 PM
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**Spot Inspections:**

Discharge Amount:	117,120 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	NO CONTROL ZONE REQUIRED AT THIS LOCATION
Impact:	SEWAGE OBSERVED IN STREAM
Repair:	THIS LOCATION IS IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

02/06/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 11:42 AM	PERMANENT SIGNS POSTED ALONG CREEK
02/06/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	750824	03/04/08 06:55 AM	MITCHELL	GRIFFITH	D	02/06/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/06/08 07:45 AM

**Spot Inspections:**

Discharge Amount:	1,296,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 06:55 AM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756608	03/18/08 02:55 PM	MITCHELL	GRIFFITH	D	02/06/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/21/08 09:20 PM

**Spot Inspections:**

Discharge Amount:	6,318,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 757656
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 02:55 PM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	760806	03/27/08 07:53 AM	MITCHELL	GRIFFITH	D	02/06/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/29/08 05:50 PM

**Spot Inspections:**

Discharge Amount:	1,458,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF THE STORM
Control Zone:	PERMANENT SIGNS WERE POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/27/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 07:53 AM	PERMANENT SIGNS WERE POSTED
03/27/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 47593	<b>Facility Address</b> 8021 CHRISTIAN CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757178	<u>Initiated</u> 03/19/08 09:10 AM	<u>Initiated By</u> JOHNSON JR	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 04:35 PM
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**Spot Inspections:**

Discharge Amount:	837,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO#758132
Control Zone:	BARRICADE, TEMPORARY SIGNS, CAUTION TAPE AND DOOR HANGERS
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:10 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS AND DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	761581	03/28/08 08:49 AM	MITCHELL	GRIFFITH	D	03/19/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 08:25 PM

**Spot Inspections:**

Discharge Amount:	38,880 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEANING AFTER RAIN EVENT - WO# 761595
Control Zone:	DOOR HANGERS, BARRICADE, TEMPORARY SIGN AND TAPE HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/29/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 08:49 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND TEMPORARY SIGN
03/31/08 02:14 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 47603	<b>Facility Address</b> 8016 SHELBYVILLE RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751200	<u>Initiated</u> 03/04/08 05:25 PM	<u>Initiated By</u> DUNLAP	<u>Assigned To</u> DUNLAP	<u>Disch Stat</u> D	<u>Event Date</u> 03/04/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 05:35 PM
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**Spot Inspections:**

Discharge Amount:	200 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	PLACED SIGNS AND BARRICADES AROUND MANHOLE
Impact:	WATER AND DEBRIS AROUND MANHOLE
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/04/08 05:25 PM	ADVISED CUSTOMER ON SITE
03/05/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 47604	<b>Facility Address</b> 8016 SHELBYVILLE RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757172	<u>Initiated</u> 03/19/08 09:17 AM	<u>Initiated By</u> JOHNSON JR	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 04:25 PM
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**Spot Inspections:**

Discharge Amount:	45,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 757669
Control Zone:	BARRICADE, TEMPORARY SIGNS, CAUTION TAPE AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:17 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS AND DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	760936	03/28/08 09:00 AM	MITCHELL	GRIFFITH	D	03/19/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 08:35 PM

**Spot Inspections:**

Discharge Amount:	6,210 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 760936
Control Zone:	BARRICADE, TEMPORARY SIGN, TAPE AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 09:00 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND TEMPORARY SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 49224	<b>Facility Address</b> 3544 GOLDSMITH LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757285	<u>Initiated</u> 03/19/08 05:40 AM	<u>Initiated By</u> MORRISON	<u>Assigned To</u> MORRISON	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 04:00 PM
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**Spot Inspections:**

Discharge Amount:	100 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED
Control Zone:	PLACED SIGNS AROUND MANHOLE
Impact:	WATER COMING OUT OF MANHOLE
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/19/08 03:40 PM	ADVISED CUSTOMER ON SITE
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 49647	<b>Facility Address</b> 4315 PRUITT CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740651	<u>Initiated</u> 02/06/08 01:25 AM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 11/29/01	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/06/08 07:15 AM
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**Spot Inspections:**

Discharge Amount:	1,800 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	DOOR HANGERS WERE POSTED
Impact:	SEWAGE AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

02/06/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 01:25 PM	ADVISED CUSTOMERS BY DOOR HANGERS
02/06/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	750756	03/04/08 05:20 AM	MITCHELL	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 01:13 PM

**Spot Inspections:**

Discharge Amount:	945,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 05:20 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757123	03/19/08 09:10 AM	MITCHELL	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 05:20 PM

**Spot Inspections:**

Discharge Amount:	468,480 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER THE RAIN EVENT - WO# 751537
Control Zone:	BARRICADE, TEMPORARY SIGNS, CAUTION TAPE AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:10 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND TEMPORARY SIGNS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	761590	03/28/08 10:13 AM	MITCHELL	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 12:40 PM

**Spot Inspections:**

Discharge Amount:	1,242 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEANING FROM 3/28/08 AFTER RAIN EVENT - WO# 761596
Control Zone:	DOOR HANGERS, BARRICADE, TEMPORARY SIGN AND TAPE HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/29/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/29/08 10:13 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND TEMPORARY SIGN
03/31/08 02:16 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 49672	<b>Facility Address</b> 3603 BARDSTOWN RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750769	<u>Initiated</u> 03/04/08 05:48 AM	<u>Initiated By</u> MITCHELL	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 12/15/07	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 12:30 PM
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**Spot Inspections:**

Discharge Amount:	97,200 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 05:48 AM	ADVISED CUSTOMERS BY SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	757472	03/18/08 10:25 AM	JOHNSON JR	GRIFFITH	D	12/15/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 09:10 AM

**Spot Inspections:**

Discharge Amount:	344,040 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER RAIN EVENT - WO# 751740
Control Zone:	BARRICADE, TEMPORARY SIGNS AND CAUTION TAPE HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/18/08 10:25 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS
03/21/08 05:56 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 51200-W	<b>Facility Address</b> 3337 NEWBURG RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE	<u>WO #</u> 744451	<u>Initiated</u> 02/18/08 12:45 PM	<u>Initiated By</u> RICHARDSON	<u>Assigned To</u> RICHARDSON	<u>Disch Stat</u> R	<u>Event Date</u> 02/18/08	<u>Problem</u> OBSTRUCTION-NOT GREASE / ROOTS	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/18/08 01:45 PM
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**Spot Inspections:**

Discharge Amount:	4 GAL
Cause:	PROBLEM WITH THE PUMP STATION
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	ADVISED CUSTOMER TO AVOID DIRECT CONTACT WITH SEWAGE
Impact:	SEWAGE COMING FROM THE MSD MANHOLE AND FLOWING TO CATCH BASIN
Repair:	MSD PERSONNEL (OPERATIONS) REPAIRED THE PUMP STATION AND NOW THE MAIN SEWER IS FLOWING FINE

**Notifications:**

02/18/08 12:45 PM	ADVISED CUSTOMER BY DOORCARDS AND POSTED SIGNS
02/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 51221	<b>Facility Address</b> 3118 SUNNY LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751190	<u>Initiated</u> 03/04/08 02:15 PM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 03/04/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 11:35 PM
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**Spot Inspections:**

Discharge Amount:	13,500 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	CONE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31,2008

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 02:15 PM	ADVISED CUSTOMERS BY TEMPORARY SIGN AND DOOR HANGERS
03/04/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 55665	<b>Facility Address</b> 4802 HAZELWOOD AVE	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> UPPER MILL CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 756969	<u>Initiated</u> 03/19/08 09:00 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> BOARD	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 06:20 PM
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**Spot Inspections:**

Discharge Amount:	28,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	MSD CLEANED & SANITIZED AFFECTED AREA
Control Zone:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA
Impact:	SEWAGE ON THE GROUND
Repair:	BEGAN HAULING TO ELIMINATE DISCHARGE,WO#756583, SAP WO#5184101, 50000 GALLONS HAULED

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:00 AM	Temporary signs placed around affected area





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

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 63319	<b>Facility Address</b> 4613 BLENHEIM RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> UPPER SINKING FORK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751177	<u>Initiated</u> 03/04/08 04:33 PM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 10/23/07	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/05/08 10:38 AM
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**Spot Inspections:**

Discharge Amount:	59,940 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	CLEAN UP NEEDED
Control Zone:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC.31, 2008

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 04:33 PM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/04/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757386	03/19/08 11:38 AM	MITCHELL	GRIFFITH	D	10/23/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 08:56 AM

**Spot Inspections:**

Discharge Amount:	33,750 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 11:38 AM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/21/08 05:57 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	761584	03/28/08 09:30 AM	MITCHELL	GRIFFITH	D	10/23/07	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 09:30 PM

**Spot Inspections:**

Discharge Amount:	6,480 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/29/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 09:30 AM	ADVISED CUSTOMERS BY PERMANENT SIGN
03/31/08 02:15 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 63779	<b>Facility Address</b> 4315 PRUITT CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740654	<u>Initiated</u> 02/06/08 01:27 AM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 02/17/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/06/08 07:05 AM
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**Spot Inspections:**

Discharge Amount:	1,800 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	DOOR HANGERS WERE POSTED
Impact:	SEWAGE AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

02/06/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 01:26 PM	ADVISED CUSTOMERS BY DOOR HANGERS
02/06/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	750766	03/04/08 05:00 AM	MITCHELL	GRIFFITH	D	02/17/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 01:10 PM

**Spot Inspections:**

Discharge Amount:	850,500 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGN AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC.31,2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 05:00 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757144	03/19/08 09:15 AM	MITCHELL	GRIFFITH	D	02/17/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 08:20 PM

**Spot Inspections:**

Discharge Amount:	945,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEAN UP AFTER THE RAIN EVENT - WO#751557
Control Zone:	BARRICADE, TEMPORARY SIGNS, CAUTION TAPE AND DOOR HANGERS HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:15 AM	ADVISED CUSTOMERS BY TEMPORARY SIGNS AND DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	761592	03/28/08 10:02 AM	MITCHELL	GRIFFITH	D	02/17/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 12:35 PM

**Spot Inspections:**

Discharge Amount:	1,242 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	REFERRED TO IFP FOR CLEANING AFTER RAIN EVENT - WO# 761597
Control Zone:	DOOR HANGERS, BARRICADE, TEMPORARY SIGN AND TAPE HAVE BEEN POSTED
Impact:	SOLIDS AND DEBRIS FOUND ON THE GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/29/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 10:02 AM	ADVISED CUSTOMERS BY DOOR HANGERS AND TEMPORARY SIGN
03/31/08 02:16 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 72571-X	<b>Facility Address</b> 4600 CHAMPIONS TRACE LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 735941	<u>Initiated</u> 01/10/08 07:40 PM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 11/29/01	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/11/08 12:21 PM
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**Spot Inspections:**

Discharge Amount:	140,940 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO THE MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS ARE POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

01/11/08 12:59 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
01/10/08 07:40 PM	ADVISED CUSTOMERS WITH PERMANENT SIGNS
01/11/08 12:59 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov





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

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	740328	02/05/08 10:52 PM	GRIFFITH	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/08/08 11:58 AM

**Spot Inspections:**

Discharge Amount:	1,200,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION WILL BE IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/05/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/05/08 10:52 PM	ADVISED CUSTOMERS WITH PERMANENT SIGNS
02/05/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN	Receiving Stream of Treatment Plant OHIO RIVER	Region WEST					
DISREV: RAIN EVENT DISCHARGE	743421	02/12/08 07:34 PM	LASLEY JR	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/13/08 11:54 PM

**Spot Inspections:**

Discharge Amount:	29,119 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/12/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/12/08 07:34 PM	ADVISED CUSTOMERS BY PERMANENT SIGNS
02/12/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN	Receiving Stream of Treatment Plant OHIO RIVER	Region WEST					
DISREV: RAIN EVENT DISCHARGE	750727	03/04/08 03:05 AM	GRIFFITH	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 03:44 PM

**Spot Inspections:**

Discharge Amount:	3,403,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 03:05 AM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756554	03/18/08 01:15 PM	MITCHELL	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/21/08 01:51 PM

**Spot Inspections:**

Discharge Amount:	3,623,670 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 01:15 PM	ADVISED CUSTOMER BY PERMANENT SIGNS
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	760932	03/28/08 06:35 AM	MITCHELL	GRIFFITH	D	11/29/01	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/28/08 04:24 PM

**Spot Inspections:**

Discharge Amount:	183,170 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PERMANENT SIGNS HAVE BEEN POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/28/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/28/08 10:35 AM	ADVISED CUSTOMERS BY PERMANENT SIGNS
03/28/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 90700	<b>Facility Address</b> 8021 CHRISTIAN CT	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> CATCH BASIN
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757316	<u>Initiated</u> 03/19/08 10:30 AM	<u>Initiated By</u> GRIFFITH	<u>Assigned To</u> GRIFFITH	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/20/08 04:35 PM
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**Spot Inspections:**

Discharge Amount:	5,400 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	A DISCLN WORK ORDER HAS BEEN CREATED FOR IFP TO COMPLETE THIS WORK
Control Zone:	BARRICADE, TEMPORARY SIGNS AND DOOR HANGERS
Impact:	SOLIDS AND DEBRIS OBSERVED ON GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008

**Notifications:**

03/19/08 10:30 AM	ADVISED CUSTOMERS BY DOOR HANGERS
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 91629	<b>Facility Address</b> 1723 WEST CREEK WAY	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> GOOSE CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757202	<u>Initiated</u> 03/19/08 07:00 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> SIMMS	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 08:30 PM
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**Spot Inspections:**

Discharge Amount:	15,750 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	SIGNS POSTED
Impact:	DISCOLORATION OF STREAM
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 91630	<b>Facility Address</b> 1723 WEST CREEK WAY	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> GOOSE CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757207	<u>Initiated</u> 03/19/08 09:00 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> SIMMS	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 09:30 PM
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**Spot Inspections:**

Discharge Amount:	5,250 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	SIGNS POSTED
Impact:	DISCOLORATION OF STREAM
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> CSO015	<b>Facility Address</b> 4010 BELLS LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> OHIO RIVER	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE	<u>WO #</u> 758272	<u>Initiated</u> 03/23/08 01:42 AM	<u>Initiated By</u> FRENCH	<u>Assigned To</u> FRENCH	<u>Disch Stat</u> D	<u>Event Date</u> 12/19/07	<u>Problem</u> PUMPED DUE TO COE MANUAL	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/23/08 06:01 PM
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**Spot Inspections:**

Discharge Amount:	31,875,000 GAL
Cause:	ELEVATED OHIO RIVER
Clean Up:	NO CLEAN UP PERFORMED - PIPES DICHARGE UNDERWATER, DIRECTLY TO RIVER
Control Zone:	NO CONTROL ZONE SET UP - PIPES DISCHARGE UNDERWATER DIRECTLY TO RIVER
Impact:	NONE OBSERVED - OUTLETS SUBMERGED
Repair:	IN COMPLIANCE WITH USACE FLOOD PUMPING PROTOCOLS

**Notifications:**

03/24/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/24/08 01:13 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> CSO191	<b>Facility Address</b> 4010 BELLS LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> OHIO RIVER	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE	<u>WO #</u> 758270	<u>Initiated</u> 03/23/08 12:00 AM	<u>Initiated By</u> COWARD	<u>Assigned To</u> COWARD	<u>Disch Stat</u> D	<u>Event Date</u> 03/23/08	<u>Problem</u> PUMPED DUE TO COE MANUAL	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/23/08 06:01 PM
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**Spot Inspections:**

Discharge Amount:	31,875,000 GAL
Cause:	ELEVATED OHIO RIVER
Clean Up:	NO CLEANUP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER
Control Zone:	NO CONTROL ZONE SET UP - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER
Impact:	NONE OBSERVED - OUTLETS SUBMERGED
Repair:	IN COMPLIANCE WITH USACE FLOOD PUMPING PROTOCOLS

**Notifications:**

03/24/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/23/08 01:42 AM	NO PUBLIC NOTIFICATION PERFORMED, INSIDE AREA OF SOUTHWESTERN PUMP STATION
03/24/08 01:13 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0012-PS	<b>Facility Address</b> 3246 RADIANCE RD	<b>If Pump Station, Name of Pump Station:</b> HIGHGATE SPRINGS	<b>Receiving Stream</b> SOUTH FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 735863	<u>Initiated</u> 01/10/08 04:40 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> PORTER JR	<u>Disch Stat</u> D	<u>Event Date</u> 12/16/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/11/08 03:00 PM
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**Spot Inspections:**

Discharge Amount:	1,134,600 GAL
Cause:	LACK OF CAPACITY
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL
Control Zone:	PERMANENT SIGN, NO ADDITIONAL CONTROL ZONE SET UP
Impact:	NONE OBSERVED BY MSD PERSONNEL, ELEVATED CREEK LEVEL
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

01/10/08 12:59 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov
01/10/08 12:59 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	740191	02/05/08 12:35 PM	SINGLETON	PORTER JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/08/08 12:00 PM

**Spot Inspections:**

Discharge Amount:	5,566,980 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	CLEAN UP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NONE NOTICED BY MSD PERSONNEL WATER WASHED AWAY DUE TO ELEVATED CREEK LEVEL.
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/05/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/05/08 01:24 PM	Temporary signs posted
02/05/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	743358	02/12/08 01:00 PM	MARKS JR	PORTER JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/13/08 06:00 PM

**Spot Inspections:**

Discharge Amount:	1,469,400 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE AREA
Control Zone:	AREA TAPED OFF AND TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/12/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/12/08 02:32 PM	Area taped off, temporary signs posted
02/12/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	744225	02/16/08 12:00 PM	ELDER	PORTER JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/16/08 04:00 PM

**Spot Inspections:**

Discharge Amount:	183,000 GAL
Cause:	SNOW MELT FROM REV 02/12/2008
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	PERMANENT SIGNS INSTALLED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/16/08 12:00 PM	PERMANENT SIGNS POSTED
03/10/08 04:52 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	744227	02/17/08 12:15 PM	ELDER	PORTER JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/17/08 08:00 PM

**Spot Inspections:**

Discharge Amount:	130,200 GAL
Cause:	RAIN EVENT 02/17/2007 & SNOW MELT FROM 02/12/2008
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL
Control Zone:	PERMANENT SIGNS POSTED
Impact:	NON OBSERVED BY MSD PERSONNEL
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

02/17/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/17/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/18/08 07:23 AM	Permanent signs posted around area



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	750708	03/04/08 01:20 AM	MARKS JR	TUTTLE	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/07/08 03:00 PM

**Spot Inspections:**

Discharge Amount:	14,805,600 GAL
Cause:	STORM FLOW TO PUMP STATION
Clean Up:	CLEAN UP NOT FEASIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	PERMANENT SIGNS POSTED
Impact:	DILUTED SEWAGE OVERFLOWED TO CREEK.
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISHARGE PLAN

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	751993	03/09/08 06:59 PM	MARKS JR	PORTER JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/12/08 05:00 PM

**Spot Inspections:**

Discharge Amount:	2,399,400 GAL
Cause:	SNOW STORM MELT CAUSED INCREASE IN FLOW TO EXCEED STATION CAPACITY
Clean Up:	NOT FEASIBLE DUE TO ELEVATED CREEK LEVEL
Control Zone:	SIGNS ARE POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISHARGE PLAN

**Notifications:**

03/09/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/09/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	754201	03/15/08 07:56 PM	MARKS JR	PORTER JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/15/08 10:00 PM

**Spot Inspections:**

Discharge Amount:	93,000 GAL
Cause:	WET WEATHER EVENT CAUSED STATION TO EXCEED CAPACITY AND DISCHARGE.
Clean Up:	NOT FEASIBLE DUE TO ELEVATED CREEK LEVEL
Control Zone:	SIGNS ARE POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISHARGE PLAN

**Notifications:**

03/15/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/15/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756513	03/18/08 12:59 PM	ELDER	WHITTAKER SR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/21/08 06:00 PM

**Spot Inspections:**

Discharge Amount:	23,361,600 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL
Control Zone:	PERMANENT SIGNS POSTED
Impact:	SEWAGE FOUND AT SITE
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	Permanent signs posted



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

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 760579	<u>Initiated</u> 03/27/08 05:30 AM	<u>Initiated By</u> SINGLETON	<u>Assigned To</u> WHITTAKER SR	<u>Disch Stat</u> D	<u>Event Date</u> 12/16/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> Ongoing
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**Spot Inspections:**

Discharge Amount:	11,718,000 GAL
Cause:	LACK OF CAPACITY DUE TO STORM FLOW
Clean Up:	CLEAN UP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	PERMANENT SIGN IN PLACE- NO ADDITIONAL CONTROL ZONE SET UP
Impact:	SEWAGE FOUND
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 05:30 AM	Permanent signs are posted
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0023-PS	<b>Facility Address</b> 501 MOCKINGBIRD VALLEY RD	<b>If Pump Station, Name of Pump Station:</b> MELLWOOD AVENUE	<b>Receiving Stream</b> MUDDY FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 740415	<u>Initiated</u> 02/06/08 08:30 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> COOMER	<u>Disch Stat</u> D	<u>Event Date</u> 01/02/04	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/06/08 09:55 PM
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**Spot Inspections:**

Discharge Amount:	120,750 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	AREA CLEANED AND SANITIZED AND DEBRIS REMOVED
Control Zone:	TEMPORARY SIGNS POSTED AND AREA TAPED OFF
Impact:	DISCOLORATION OF STREAM AND SOME DEBRIS
Repair:	HAULING TO PREVENT DISCHARGE

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 09:07 AM	Temporary signs posted and area taped off
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	750823	03/04/08 02:40 AM	MARKS JR	KUSTES	D	01/02/04	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/05/08 10:23 PM

**Spot Inspections:**

Discharge Amount:	67,500 GAL
Cause:	STORM FLOW CAUSED A LACK OF SYSTEM CAPACITY
Clean Up:	PIPE DISCHARGED SUBMERGED - NO CLEANUP
Control Zone:	PERMANENT SIGN POSTED PIPE DISCHARGE SUBMERGED -NO CONTROL ZONE
Impact:	NO IMPACT OBSERVED
Repair:	HAULING TO PREVENT WO#7513334 SAP# 5183155

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756658	03/18/08 05:00 PM	ELDER	LARUE	D	01/02/04	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/25/08 06:00 AM

**Spot Inspections:**

Discharge Amount:	936,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	CLEAN UP NOT FEASIBLE DISCHARGE PIPE IS UNDERWATER
Control Zone:	PERMANENT SIGNS POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	HAULED TO PREVENT DISCHARGE WORK ORDER #756503

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	760563	03/27/08 05:45 AM	MARKS JR	DUNN JR	D	01/02/04	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/29/08 07:00 AM

**Spot Inspections:**

Discharge Amount:	225,000 GAL
Cause:	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	PIPE DISCHARGE SUBMERGED NO CLEAN UP
Control Zone:	SIGNS POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISHARGE PLAN

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0024-PS	<b>Facility Address</b> 3733 CANOE LN	<b>If Pump Station, Name of Pump Station:</b> CANOE LANE	<b>Receiving Stream</b> MUDDY FORK BEARGRASS CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 760668	<u>Initiated</u> 03/27/08 09:15 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> SIMMS	<u>Disch Stat</u> D	<u>Event Date</u> 12/16/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/27/08 11:00 PM
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**Spot Inspections:**

Discharge Amount:	12,600 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	DEBRI REMOVED
Repair:	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0057-LS	<b>Facility Address</b> 806 PINE WAY	<b>If Pump Station, Name of Pump Station:</b> ANCHOR ESTATES #2	<b>Receiving Stream</b> MIDDLE FORK BEARGRASS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751195	<u>Initiated</u> 03/04/08 03:00 PM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> PORTER JR	<u>Disch Stat</u> D	<u>Event Date</u> 12/16/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 06:30 PM
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**Spot Inspections:**

Discharge Amount:	3,000 GAL
Cause:	STORM FLOW LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL WILL CLEAN & SANITIZE THE AFFECTED AREA.
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	DEBRIS
Repair:	HAULING TO PREVENT DISCHARGE WO#5183193

**Notifications:**

03/04/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/05/08 07:37 AM	Temporary sign are posted around the affected area.



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	756805	03/19/08 09:00 AM	SINGLETON	PORTER JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 04:00 AM

**Spot Inspections:**

Discharge Amount:	57,000 GAL
Cause:	LACK OF CAPACITY DUE TO STORM FLOW
Clean Up:	DEBRIS WAS RAKED, BAGGED & HAULED OFF
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA
Impact:	DEBRIS ON GROUND
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 09:49 AM	Temporary signs placed around the affected area.
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISREV: RAIN EVENT DISCHARGE	760599	03/27/08 08:15 AM	SINGLETON	ALEXANDER	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/29/08 01:00 AM

**Spot Inspections:**

Discharge Amount:	97,800 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	DEBRIS RAKED, BAGGED & HAULED AWAY
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA
Impact:	SEWAGE OBSERVED
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08.

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 08:15 AM	Temporary signs placed around the affected area.
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0082-PS	<b>Facility Address</b> 816 N 34TH ST	<b>If Pump Station, Name of Pump Station:</b> 34TH STREET	<b>Receiving Stream</b> OHIO RIVER	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE	<u>WO #</u> 742855	<u>Initiated</u> 02/08/08 01:45 PM	<u>Initiated By</u> COWARD	<u>Assigned To</u> HUMPHREY	<u>Disch Stat</u> R	<u>Event Date</u> 01/19/01	<u>Problem</u> PUMPED DUE TO COE MANUAL	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/12/08 08:00 AM
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**Spot Inspections:**

Discharge Amount:	7,600,000 GAL
Cause:	STATION PLACED IN IDLE MODE PER USACE PROTOCOL DURING ELEVATED RIVER LEVELS
Clean Up:	NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER
Control Zone:	NO CONTROL ZONE SET UP - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER
Impact:	NONE OBSERVED - OUTLETS SUBMERGED
Repair:	IN COMPLIANCE WITH USACE FLOOD PUMPING PROTOCOLS

**Notifications:**

02/08/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/08/08 02:01 PM	Given by voluntary email notification system
02/08/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISDW: DRY WEATHER DISCHARGE	758130	03/23/08 02:41 AM	COWARD	HUMPHREY	R	01/19/01	PUMPED DUE TO COE MANUAL	DISCHARGE TO WATERS OF THE US	03/26/08 07:15 AM

**Spot Inspections:**

Discharge Amount:	6,600,000 GAL
Cause:	STATION PLACED IN IDLE MODE PER USACE PROTOCOL DURING ELEVATED RIVER LEVELS
Clean Up:	NO CLEAN-UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER
Control Zone:	NO CONTROL ZONE SETUP - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER
Impact:	NONE OBSERVED - OUTLETS SUBMERGED
Repair:	IN COMPLIANCE WITH USACE FLOOD PUMPING PROTOCOLS

**Notifications:**

03/23/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/23/08 02:41 AM	given by voluntary email notification
03/23/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0087-PS	<b>Facility Address</b> 342 W MAIN ST	<b>If Pump Station, Name of Pump Station:</b> 4TH STREET	<b>Receiving Stream</b> OHIO RIVER	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE	<u>WO #</u> 742833	<u>Initiated</u> 02/07/08 11:21 PM	<u>Initiated By</u> COWARD	<u>Assigned To</u> HUMPHREY	<u>Disch Stat</u> D	<u>Event Date</u> 02/07/08	<u>Problem</u> PUMPED DUE TO COE MANUAL	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 02/12/08 07:00 PM
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**Spot Inspections:**

Discharge Amount:	9,200,000 GAL
Cause:	STATION PLACED IN IDLE MODE PER USACE PROTOCOL DURING ELEVATED RIVER LEVELS
Clean Up:	NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER
Control Zone:	NO CONTROL ZONE SET UP - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER
Impact:	NONE OBSERVED - OUTLETS SUBMERGED
Repair:	IN COMPLIANCE WITH USACE FLOOD PLUMPING PROTOCOLS

**Notifications:**

02/08/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/07/08 06:45 PM	Given by voluntary email notification system
02/08/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISDW: DRY WEATHER DISCHARGE	758131	03/23/08 02:41 AM	COWARD	HUMPHREY	D	02/07/08	PUMPED DUE TO COE MANUAL	DISCHARGE TO WATERS OF THE US	03/26/08 08:45 AM

**Spot Inspections:**

Discharge Amount:	6,295,000 GAL
Cause:	STATION PLACED IN IDLE MODE PER USACE PROTOCOL DURING ELEVATED RIVER
Clean Up:	NO CLEAN UP PERFORMED - PIPE DISCHARGE UNDERWATER, DIRECTLY INTO RIVER
Control Zone:	NO CONTROL ZONE SET UP - PIPES DISCHARGE UNDERWATER DIRECTLY INTO RIVER
Impact:	NONE OBSERVED - OUTLETS SUBMERGED
Repair:	IN COMPLIANCE WITH USACE FLOOD PUMPING PROTOCOLS

**Notifications:**

03/23/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/23/08 02:41 AM	GIVEN BY VOLUNTARY EMAIL NOTIFICATION SYSTEM
03/23/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> 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	MSD0095-PS	3011 DERINGTON CT	DERINGTON COURT	GOOSE CREEK	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750913	03/04/08 07:40 AM	MARKS JR	LARUE	D	01/01/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/04/08 08:00 AM

**Spot Inspections:**

Discharge Amount:	400 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	HAULING TO PREVENT DISCHARGE WO#750914

**Notifications:**

03/04/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0022411 (Cont'd)	MSD0278	MORRIS FORMAN		OHIO RIVER			WEST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	757012	03/19/08 10:10 AM	ELDER	DUNN JR	D	01/01/03	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/19/08 05:00 PM

**Spot Inspections:**

Discharge Amount:	20,500 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA CLEANED AND SANITIZED BY MSD PERSONNEL
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	MSD PERSONNEL CLEANED AND SANITIZED THE AREA

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

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

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 Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	740504	02/06/08 09:15 AM	MARKS JR	COOMER	D	09/28/02	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	02/06/08 09:30 PM

**Spot Inspections:**

Discharge Amount:	36,750 GAL
Cause:	STORM FLOW LACK OF CAPACITY IN COLLECTION SYSTEM
Clean Up:	AREA WAS CLEANED AND SANITIZED DEBRI WAS REMOVED
Control Zone:	TEMPORARY SIGNS POSTED AND AREA TAPED OFF
Impact:	SLIGHT DISCOLORATION OF STREAM
Repair:	HAULING TO PREVENT DISCHARGE

**Notifications:**

02/06/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/06/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0183-PS	<b>Facility Address</b> 3450 GLENVIEW AVE	<b>If Pump Station, Name of Pump Station:</b> GLENVIEW HILLS	<b>Receiving Stream</b> OHIO RIVER	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757024	<u>Initiated</u> 03/18/08 09:45 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> DUNN JR	<u>Disch Stat</u> D	<u>Event Date</u> 03/20/02	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 11:10 PM
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**Spot Inspections:**

Discharge Amount:	114,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	MSD PERSONNEL CLEANED AND SANITIZED THE AREA

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0192-PS	<b>Facility Address</b> 4640 BARBOUR LN	<b>If Pump Station, Name of Pump Station:</b> BARBOUR LANE	<b>Receiving Stream</b> LITTLE GOOSE CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750908	<u>Initiated</u> 03/04/08 08:55 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> LARUE	<u>Disch Stat</u> D	<u>Event Date</u> 12/16/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 11:50 AM
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**Spot Inspections:**

Discharge Amount:	72,000 GAL
Cause:	STORM FLOW CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	RAKED AND DEBRI HAULED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NOT OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED DEC 2008

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	751699	03/06/08 08:00 PM	MARKS JR	HOWARD	D	12/16/00	MECHANICAL FAILURE	DISCHARGE TO WATERS OF THE US	03/06/08 10:00 PM

**Spot Inspections:**

Discharge Amount:	9,000 GAL
Cause:	MECHANICAL FAILURE OF PUMP CONTROLS
Clean Up:	AREA RAKED AND DEBRI HAULED AND AREA SANITIZED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	DEBRIS AND SOLIDS OBSERVED
Repair:	CALLED MAINTENANCE TO REPAIR CONTROLS AND PUT PUMPS BACK IN SERVICE

**Notifications:**

03/06/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411 (Cont'd)	<b>Facility ID</b> MSD0278	<b>Treatment Plant Name</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Plant</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD1044-PS	<b>Facility Address</b> 2630 PHOENIX HILL DR	<b>If Pump Station, Name of Pump Station:</b> PHOENIX HILL	<b>Receiving Stream</b> MUDDY FORK BEARGRASS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 738931	<u>Initiated</u> 01/30/08 04:30 PM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> HOWARD	<u>Disch Stat</u> D	<u>Event Date</u> 03/20/02	<u>Problem</u> GREASE BLOCKAGE	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/30/08 05:30 PM
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**Spot Inspections:**

Discharge Amount:	3,000 GAL
Cause:	GREASE BLOCKAGE OF CONTROL TILT BULBS
Clean Up:	AREA RAKED AND DEBRI HAULED AREA WAS SCRUBBED AND SANITIZED BY MSD PERSONNEL
Control Zone:	TEMPORARY SIGNS POSTED AND AREA TAPED OFF
Impact:	PERSONAL HYGIENE PRODUCTS FOUND IN STREAM AND REMOVED
Repair:	GREASE BLOCKAGE REMOVED AND STATION CONTROLS BACK IN SERVICE . REINFORCE PUBLIC KNOWLEDGE OF MSD FOG PROGRAM

**Notifications:**

01/30/08 06:52 PM	
01/30/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	757668	03/20/08 08:20 PM	MARKS JR	KESSEL	D	03/20/02	GREASE BLOCKAGE	DISCHARGE TO WATERS OF THE US	03/20/08 08:30 PM

**Spot Inspections:**

Discharge Amount:	1,000 GAL
Cause:	GREASE BLOCKAGE
Clean Up:	NOT FEASIBLE
Control Zone:	AREA TAPED OFF TEMPORARY SIGNS POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	GREASE BROKEN UP AND WET WELL PUMPED DOWN

**Notifications:**

03/20/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0022411 (Cont'd)	Facility ID MSD0278	Treatment Plant Name MORRIS FORMAN		Receiving Stream of Treatment Plant OHIO RIVER			Region WEST		
DISREV: RAIN EVENT DISCHARGE	761554	03/28/08 06:00 PM	MARKS JR	CARTER SR	D	03/20/02	MECHANICAL FAILURE	DISCHARGE TO WATERS OF THE US	03/28/08 08:00 PM

**Spot Inspections:**

Discharge Amount:	9,000 GAL
Cause:	ELECTRICAL AND MECHANICAL PROBLEMS WITH EQUIPMENT
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE AND DEBRI OBSERVED
Repair:	CALLED IN MAINTENANCE TO MAKE REPAIRS AND PUT STATION BACK IN SERVICE

**Notifications:**

03/28/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0098540	<b>Facility ID</b> MSD0289	<b>Treatment Plant Name</b> CEDAR CREEK	<b>Receiving Stream of Treatment Plant</b> CEDAR CREEK	<b>Region</b> CENT
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<b>Facility Type</b> SSL Sewer Service Line	<b>Facility ID</b> 160264	<b>Facility Address</b> 6023 COOPER CHAPEL RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> FISHPOOL CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751096	<u>Initiated</u> 03/04/08 02:00 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> RHEINLAEND ER JR	<u>Disch Stat</u> D	<u>Event Date</u> 06/03/06	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 09:00 PM
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**Spot Inspections:**

Discharge Amount:	14,700 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED AREA CLEANUP WO#5183183
Control Zone:	TEMPORARY SIGNS WERE PLACED
Impact:	PERSONAL HYGIENE PRODUCTS WERE FOUND ALSO DISCOLORATION IN THE STREAM.
Repair:	SAP HAULING WO#5183179

**Notifications:**

03/04/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/05/08 02:34 PM	Temporary signs were placed around affected area.



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

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0098540 (Cont'd)	MSD0289	CEDAR CREEK		CEDAR CREEK			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756882	03/19/08 07:00 AM	ELDER	HATHAWAY	D	06/03/06	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/20/08 05:00 AM

**Spot Inspections:**

Discharge Amount:	66,000 GAL
Cause:	LACK OF SYSEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA
Impact:	SEWAGE ON THE GROUND
Repair:	BEGAN HAULING TO ELIMINATE DISCHARGE,WO#757490, SAP WO# 5184213, HAULED 24800 GALLONS

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 07:00 AM	Temporary signs placed around affected area



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

<b>KPDES #</b> KY0098540 (Cont'd)	<b>Facility ID</b> MSD0289	<b>Treatment Plant Name</b> CEDAR CREEK	<b>Receiving Stream of Treatment Plant</b> CEDAR CREEK	<b>Region</b> CENT
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0161-LS	<b>Facility Address</b> 9017 BRANDYWYNE DR	<b>If Pump Station, Name of Pump Station:</b> HOLLY OAKS	<b>Receiving Stream</b> FERN CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 751035	<u>Initiated</u> 03/04/08 12:15 PM	<u>Initiated By</u> SINGLETON	<u>Assigned To</u> PORTER JR	<u>Disch Stat</u> E	<u>Event Date</u> 04/11/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 12:30 PM
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**Spot Inspections:**

Discharge Amount:	200 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NO DEBRIS- JUST WATER
Control Zone:	PERMANENT SIGN POSTED
Impact:	NO VISUAL IMPACT OBSERVED
Repair:	THIS PUMP STATION WILL BE OUT OF SERVICE BY THE END OF APRIL 2008

**Notifications:**

03/04/08 02:50 PM	Permanent sign posted
03/04/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0098540 (Cont'd)	MSD0289	CEDAR CREEK		CEDAR CREEK			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	751194	03/04/08 03:30 PM	MARKS JR	PORTER JR	E	04/11/08	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/04/08 06:00 PM

**Spot Inspections:**

Discharge Amount:	4,000 GAL
Cause:	STORM FLOW LACK OF SYSTEM CAPACITY
Clean Up:	CLEAN UP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED ON GROUND
Repair:	HAULED TO STOP DISCHARGE WO#5183194

**Notifications:**

03/04/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/05/08 07:39 AM	Temporary sign posted



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

<b>KPDES #</b> KY0098540 (Cont'd)	<b>Facility ID</b> MSD0289	<b>Treatment Plant Name</b> CEDAR CREEK	<b>Receiving Stream of Treatment Plant</b> CEDAR CREEK	<b>Region</b> CENT
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<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0289	<b>Facility Address</b> 8605 CEDAR CREEK RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CEDAR CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE	<u>WO #</u> 737051	<u>Initiated</u> 01/18/08 09:45 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> VIERLING	<u>Disch Stat</u> R	<u>Event Date</u> 01/18/08	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/18/08 10:00 AM
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**Spot Inspections:**

Discharge Amount:	100 GAL
Cause:	DRAIN LINES OVERWHELMED
Clean Up:	MSD'S CONTRACTOR CLEANED AREA
Control Zone:	TEMPORARY SIGNS & TAPED OFF AREA
Impact:	SOLIDS ON THE GROUND
Repair:	STOPPED DRAINING PROCESS

**Notifications:**

01/18/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov
01/18/09 09:45 AM	Temporary signs & taped off area.



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

<b>KPDES #</b> KY0098540 (Cont'd)	<b>Facility ID</b> MSD0289	<b>Treatment Plant Name</b> CEDAR CREEK	<b>Receiving Stream of Treatment Plant</b> CEDAR CREEK	<b>Region</b> CENT
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD1080-LS	<b>Facility Address</b> 8605 RUNNING FOX CIR	<b>If Pump Station, Name of Pump Station:</b> RUNNING FOX	<b>Receiving Stream</b> LITTLE CEDAR CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757052	<u>Initiated</u> 03/19/08 01:30 PM	<u>Initiated By</u> SINGLETON	<u>Assigned To</u> PORTER JR	<u>Disch Stat</u> D	<u>Event Date</u> 03/19/08	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 09:30 PM
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**Spot Inspections:**

Discharge Amount:	48,000 GAL
Cause:	SET-UP TRASH PUMP DUE TO STORM FLOW
Clean Up:	CLEAN UP NOT POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	MSD PERSONNEL PLACED BARRICADES AROUND THE IMPACTED AREA
Impact:	SOLIDS NOTICED ON THE GROUND
Repair:	SET UP PUMP TO PREVENT BACK UPS

**Notifications:**

03/19/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 01:30 PM	MSD personnel placed barricades around the impacted area.
03/19/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0029106	<b>Facility ID</b> MSD0291	<b>Treatment Plant Name</b> HUNTING CREEK NORTH	<b>Receiving Stream of Treatment Plant</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0291	<b>Facility Address</b> 7300 SHADWELL LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> HARRODS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 760667	<u>Initiated</u> 03/27/08 07:45 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> COOMER	<u>Disch Stat</u> R	<u>Event Date</u> 09/07/06	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/29/08 08:30 AM
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**Spot Inspections:**

Discharge Amount:	10,299 GAL
Cause:	CREEK BACKED UP INTO CL2 CHAMBEER
Clean Up:	NO DEBRI PIPE DISCHARGE SUBMERGED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT PIPE DISCHARGE SUBMERGED
Repair:	ONCE CREEK LEVEL DROPS PLANT WILL FLOW AS NORMAL

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0029106 (Cont'd)	<b>Facility ID</b> MSD0291	<b>Treatment Plant Name</b> HUNTING CREEK NORTH	<b>Receiving Stream of Treatment Plant</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD1060-LS	<b>Facility Address</b> 7501 HUNTING CREEK DR	<b>If Pump Station, Name of Pump Station:</b> RIDING RIDGE	<b>Receiving Stream</b> HARRODS CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 756603	<u>Initiated</u> 03/18/08 02:30 PM	<u>Initiated By</u> ELDER	<u>Assigned To</u> LARUE	<u>Disch Stat</u> D	<u>Event Date</u> 12/16/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 11:10 PM
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**Spot Inspections:**

Discharge Amount:	10,200 GAL
Cause:	LACK OF CAPACITY
Clean Up:	AREA RAKED AND DEBRI HAULED
Control Zone:	SIGNS POSTED
Impact:	DEBRIS
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0029106 (Cont'd)	MSD0291	HUNTING CREEK NORTH		HARRODS CREEK			EAST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	760672	03/27/08 09:20 AM	MARKS JR	COOMER	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/27/08 01:00 PM

**Spot Inspections:**

Discharge Amount:	600 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED AND SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED BY MSD
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0029114	<b>Facility ID</b> MSD0292	<b>Treatment Plant Name</b> HUNTING CREEK SOUTH	<b>Receiving Stream of Treatment Plant</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0292	<b>Facility Address</b> 6530 MONTERO DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> HARRODS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757626	<u>Initiated</u> 03/20/08 02:00 PM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> COOMER	<u>Disch Stat</u> D	<u>Event Date</u> 03/20/08	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/24/08 07:55 AM
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**Spot Inspections:**

Discharge Amount:	117,436 GAL
Cause:	CREEK FLOODED SECONDARY LAGOON
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS PROBLEM WAS IDENTIFIED DURING RAIN EVENT RECON AND WILL BE EVALUATED FOR REPAIR

**Notifications:**

03/20/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/20/08 12:58 PM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0029114 (Cont'd)	<b>Facility ID</b> MSD0292	<b>Treatment Plant Name</b> HUNTING CREEK SOUTH	<b>Receiving Stream of Treatment Plant</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD1063-PS	<b>Facility Address</b> 6210 DEEP CREEK CT	<b>If Pump Station, Name of Pump Station:</b> DEEP CREEK	<b>Receiving Stream</b> HARRODS CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 750775	<u>Initiated</u> 03/04/08 03:28 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> KAISER	<u>Disch Stat</u> D	<u>Event Date</u> 12/16/00	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/04/08 01:00 PM
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**Spot Inspections:**

Discharge Amount:	15,000 GAL
Cause:	STORM FLOW CAUSED A LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	HAULED TO PREVENT WO#751324

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0029114 (Cont'd)	MSD0292	HUNTING CREEK SOUTH		HARRODS CREEK			EAST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756466	03/18/08 10:45 AM	ELDER	DUNN JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/18/08 05:00 PM

**Spot Inspections:**

Discharge Amount:	11,625 GAL
Cause:	LACK OF CAPACITY,RAIN EVENT IN AREA
Clean Up:	NO DEBRI OR CLEANUP NEEDED DUE TO CREEK LEVEL
Control Zone:	SIGNS POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08

**Notifications:**

03/18/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0029114 (Cont'd)	MSD0292	HUNTING CREEK SOUTH		HARRODS CREEK			EAST		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	756979	03/19/08 10:30 AM	ELDER	DUNN JR	D	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	03/19/08 11:10 PM

**Spot Inspections:**

Discharge Amount:	76,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED BY MSD PERSONNEL
Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0029114 (Cont'd)	<b>Facility ID</b> MSD0292	<b>Treatment Plant Name</b> HUNTING CREEK SOUTH	<b>Receiving Stream of Treatment Plant</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD1065-PS	<b>Facility Address</b> 6808 FAIRWAY VIEW CT	<b>If Pump Station, Name of Pump Station:</b> FAIRWAY VIEW	<b>Receiving Stream</b> HARRODS CREEK	<b>Discharge to</b> DITCH
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 756982	<u>Initiated</u> 03/19/08 10:40 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> DUNN JR	<u>Disch Stat</u> D	<u>Event Date</u> 10/14/02	<u>Problem</u> LACK OF SYSTEM CAPACITY	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/19/08 11:05 PM
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**Spot Inspections:**

Discharge Amount:	8,400 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA RAKED DEBRI HAULED AREA SANITIZED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NOT OBSERVED BY MSD PERSONNEL
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

03/19/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/19/08 12:58 AM	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, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0043087	<b>Facility ID</b> MSD0293	<b>Treatment Plant Name</b> TIMBERLAKE	<b>Receiving Stream of Treatment Plant</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0293	<b>Facility Address</b> 5504 TIMBER RIDGE DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> HARRODS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757717	<u>Initiated</u> 03/20/08 05:00 PM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> KUSTES	<u>Disch Stat</u> R	<u>Event Date</u> 12/05/07	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/24/08 07:25 AM
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**Spot Inspections:**

Discharge Amount:	19,388 GAL
Cause:	RAIN EVENT CAUSED CREEK TO BACK UP INTO CONTACT CHAMBER
Clean Up:	NO DEBRIS
Control Zone:	PIPE DISCHARGE SUBMERGED NO CONTROL ZONE
Impact:	NO IMPACT OBSERVED
Repair:	THIS PROBLEM WAS IDENTIFIED DURING RAIN EVENT RECON AND WILL BE EVALUATED FOR REPAIR

**Notifications:**

03/21/08 05:54 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Total Facilities Printed: 113



Appendix B-2 - Discharge Work Orders – Bypass



Report Selections: Excluding PPI, CSO, Prob Code: BYPAS

<b>KPDES #</b> 000000	<b>Facility ID</b> MSD0000	<b>Treatment Plant Name</b> NO PLANT-GOES TO STREAM/RIVER	<b>Receiving Stream of Treatment Plant</b> NONE	<b>Region</b>
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0247A-PS	<b>Facility Address</b> 423 BERMUDA WAY	<b>If Pump Station, Name of Pump Station:</b> STARVIEW ESTATES - EFFLUENT	<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISDW: DRY WEATHER DISCHARGE	737982	01/24/08 09:00 PM	SINGLETON	PORTER JR	R	01/24/08	BYPASS AT TREATMENT PLANT	DISCHARGE TO WATERS OF THE US	01/25/08 01:15 PM

**Spot Inspections:**

Discharge Amount:	1,950 GAL
Cause:	FORCE MAIN BREAK
Clean Up:	CLEAN UP NOT NEEDED. DISCHARGED CLEAN, TREATED WATER TO THE CREEK.
Control Zone:	TEMPORARY SIGNS WERE POSTED.
Impact:	NO VISUAL IMPACT. CLEAN, TREATED WATER FROM THE EFFLUENT WAS DISCHARGED.
Repair:	SAP EMERGENCY WO#4012271 & 5180399 USED FOR REPAIRS. HAULING WO#738502

**Notifications:**

01/25/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov
01/25/08 11:07 AM	Temporary signs were posted
01/25/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov



Report Selections: Excluding PPI, CSO, Prob Code: BYPAS

<b>KPDES #</b> KY0036501	<b>Facility ID</b> MSD0209	<b>Treatment Plant Name</b> BERRYTOWN WTP	<b>Receiving Stream of Treatment Plant</b> FLOYDS FORK	<b>Region</b> EAST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD0209A-PS	<b>Facility Address</b> 1203 HEAFER RD	<b>If Pump Station, Name of Pump Station:</b> BERRYTOWN WTP PS	<b>Receiving Stream</b> FLOYDS FORK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750891	03/04/08 06:00 AM	SINGLETON	PORTER JR	D	12/17/01	BYPASS AT TREATMENT PLANT	DISCHARGE TO WATERS OF THE US	03/04/08 09:30 AM

**Spot Inspections:**

Discharge Amount:	500 GAL
Cause:	TREATMENT PLANT OVERFLOWED DUE TO STORM FLOW.
Clean Up:	DEBRIS WAS RAKED, BAGGED AND HAULED OFF.
Control Zone:	TEMPORARY SIGNS WERE PLACED AROUND THE AFFECTED AREA.
Impact:	SOLIDS FOUND ON THE GROUND.
Repair:	THIS SITE WAS FOUND DURING RAIN EVENT RECON. IT WILL BE MONITORED AND EVALUATED FOR REPAIR.

**Notifications:**

03/04/08 10:24 AM	Temporary signs were placed around the affected area.
03/04/08 12:58 AM	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, Prob Code: BYPAS

<b>KPDES #</b> KY0098540	<b>Facility ID</b> MSD0289	<b>Treatment Plant Name</b> CEDAR CREEK	<b>Receiving Stream of Treatment Plant</b> CEDAR CREEK	<b>Region</b> CENT
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<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0289	<b>Facility Address</b> 8605 CEDAR CREEK RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> CEDAR CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE	<u>WO #</u> 737051	<u>Initiated</u> 01/18/08 09:45 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> VIERLING	<u>Disch Stat</u> R	<u>Event Date</u> 01/18/08	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 01/18/08 10:00 AM
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**Spot Inspections:**

Discharge Amount:	100 GAL
Cause:	DRAIN LINES OVERWHELMED
Clean Up:	MSD'S CONTRACTOR CLEANED AREA
Control Zone:	TEMPORARY SIGNS & TAPED OFF AREA
Impact:	SOLIDS ON THE GROUND
Repair:	STOPPED DRAINING PROCESS

**Notifications:**

01/18/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and bradley.kouns@ky.gov
01/18/09 09:45 AM	Temporary signs & taped off area.



Report Selections: Excluding PPI, CSO, Prob Code: BYPAS

<b>KPDES #</b> KY0029106	<b>Facility ID</b> MSD0291	<b>Treatment Plant Name</b> HUNTING CREEK NORTH	<b>Receiving Stream of Treatment Plant</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0291	<b>Facility Address</b> 7300 SHADWELL LN	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> HARRODS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 760667	<u>Initiated</u> 03/27/08 07:45 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> COOMER	<u>Disch Stat</u> R	<u>Event Date</u> 09/07/06	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/29/08 08:30 AM
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**Spot Inspections:**

Discharge Amount:	10,299 GAL
Cause:	CREEK BACKED UP INTO CL2 CHAMBEER
Clean Up:	NO DEBRI PIPE DISCHARGE SUBMERGED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT PIPE DISCHARGE SUBMERGED
Repair:	ONCE CREEK LEVEL DROPS PLANT WILL FLOW AS NORMAL

**Notifications:**

03/27/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/27/08 12:58 AM	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, Prob Code: BYPAS

<b>KPDES #</b> KY0029114	<b>Facility ID</b> MSD0292	<b>Treatment Plant Name</b> HUNTING CREEK SOUTH	<b>Receiving Stream of Treatment Plant</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0292	<b>Facility Address</b> 6530 MONTERO DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> HARRODS CREEK	<b>Discharge to</b> STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757626	<u>Initiated</u> 03/20/08 02:00 PM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> COOMER	<u>Disch Stat</u> D	<u>Event Date</u> 03/20/08	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/24/08 07:55 AM
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**Spot Inspections:**

Discharge Amount:	117,436 GAL
Cause:	CREEK FLOODED SECONDARY LAGOON
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	THIS PROBLEM WAS IDENTIFIED DURING RAIN EVENT RECON AND WILL BE EVALUATED FOR REPAIR

**Notifications:**

03/20/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/20/08 12:58 PM	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, Prob Code: BYPAS

<b>KPDES #</b> KY0043087	<b>Facility ID</b> MSD0293	<b>Treatment Plant Name</b> TIMBERLAKE	<b>Receiving Stream of Treatment Plant</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0293	<b>Facility Address</b> 5504 TIMBER RIDGE DR	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> HARRODS CREEK	<b>Discharge to</b> GROUND
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 757717	<u>Initiated</u> 03/20/08 05:00 PM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> KUSTES	<u>Disch Stat</u> R	<u>Event Date</u> 12/05/07	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Resolution</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 03/24/08 07:25 AM
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**Spot Inspections:**

Discharge Amount:	19,388 GAL
Cause:	RAIN EVENT CAUSED CREEK TO BACK UP INTO CONTACT CHAMBER
Clean Up:	NO DEBRIS
Control Zone:	PIPE DISCHARGE SUBMERGED NO CONTROL ZONE
Impact:	NO IMPACT OBSERVED
Repair:	THIS PROBLEM WAS IDENTIFIED DURING RAIN EVENT RECON AND WILL BE EVALUATED FOR REPAIR

**Notifications:**

03/21/08 05:54 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Total Facilities Printed: 6

Appendix B-3 - Discharge Work Orders – Blending





Report Selections: Excluding PPI, CSO, Prob Code: BLEND

**KPDES #** KY0025194      **Facility ID** MSD0255      **Treatment Plant Name** JEFFERSONTOWN      **Receiving Stream of Treatment Plant** 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 Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	751281	02/12/08 11:43 AM	MARKS JR	PORTER JR	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	02/13/08 08:40 PM

**Spot Inspections:**

Discharge Amount:	2,894,355 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	SIGNS POSTED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

04/17/08 03:22 PM	SYSTEM WAS NOT SET UP TO REPORT THESE UNTIL 3/12/08
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Report Selections: Excluding PPI, CSO, Prob Code: BLEND

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	745234	02/22/08 12:39 PM	ELDER	PORTER JR	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	02/23/08 05:49 AM

**Spot Inspections:**

Discharge Amount:	1,056,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	NO CONTROL ZONE REQUIRED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

02/22/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/22/08 12:58 PM	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, Prob Code: BLEND

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	750707	03/04/08 12:53 AM	MARKS JR	TUTTLE	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	03/06/08 06:25 AM

**Spot Inspections:**

Discharge Amount:	10,733,700 GAL
Cause:	STORM FLOW TO TREATMENT PLANT CAUSED PLANT TO BLEND
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	NO CONTROL ZONE REQUIRED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

03/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	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, Prob Code: BLEND

KPDES #	Facility ID	Treatment Plant Name		Receiving Stream of Treatment Plant			Region		
KY0025194 (Cont'd)	MSD0255	JEFFERSONTOWN		CHENOWETH RUN			CENT		
<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Stat</u>	<u>Event Date</u>	<u>Problem</u>	<u>Resolution</u>	<u>Completed</u>
DISREV: RAIN EVENT DISCHARGE	752263	03/10/08 05:55 PM	ELDER	STEPHENSON	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	03/10/08 11:34 PM

**Spot Inspections:**

Discharge Amount:	101,450 GAL
Cause:	REV 03/07/2008, SNOW MELTING
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	NO CONTROL ZONE REQUIRED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

03/11/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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Report Selections: Excluding PPI, CSO, Prob Code: BLEND

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0025194 (Cont'd)	Facility ID MSD0255	Treatment Plant Name JEFFERSONTOWN		Receiving Stream of Treatment Plant CHENOWETH RUN			Region CENT		
DISREV: RAIN EVENT DISCHARGE	756626	03/18/08 01:18 PM	ELDER	TUTTLE	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	03/21/08 04:23 AM

**Spot Inspections:**

Discharge Amount:	10,457,592 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	NO CONTROL ZONE REQUIRED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	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, Prob Code: BLEND

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
KPDES # KY0025194 (Cont'd)	Facility ID MSD0255	Treatment Plant Name JEFFERSONTOWN		Receiving Stream of Treatment Plant CHENOWETH RUN			Region CENT		
DISREV: RAIN EVENT DISCHARGE	760987	03/27/08 06:11 AM	ELDER	STEPHENSON	D	01/14/07	BLENDING AT JTOWN WTP	DISCHARGE TO WATERS OF THE US	03/28/08 11:28 PM

**Spot Inspections:**

Discharge Amount:	4,859,194 GAL
Cause:	CAUSE OF DISCHARGE: LACK OF SYSTEM CAPACITY DUE TO RAIN
Clean Up:	NO CLEANUP REQUIRED, EFFLUENT RECEIVED PRIMARY AND UV TREATMENT
Control Zone:	NO CONTROL ZONE REQUIRED
Impact:	NO IMPACTS OBSERVED
Repair:	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

**Notifications:**

03/28/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/31/08 02:20 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

Total Facilities Printed: 1

Appendix C – Summary of Wet Weather Combined Overflows

APPENDIX C

**SUMMARY OF WET WEATHER COMBINED OVERFLOWS  
STATUS THROUGH MARCH 2008**

CSO NO.	CSO NAME	LOCATION	RECEIVING STREAM	NUMBER OF OVERFLOW INCIDENTS (NO./YR)	AVG. DURATION OF OVERFLOW (HRS)	AVG VOLUME PER INCIDENT (1000 G/INCIDENT)	STATUS	
<b>OHIO RIVER WATERSHED</b>								
015	SOUTHWESTERN PS	BELLS LN & I-264	OR	39	7.46	21,660	ACTIVE	
016	MILES PARK BYPASS	S OF 45th & WINNROSE	OR	0	0.00	0	ACTIVE	
019	34th STREET PS	34th & RUDD	OR	49	5.02	1,940	ACTIVE	
020	BUCHANAN PS	BUCHANAN & FRANKLIN	OR	41	3.65	980	ACTIVE	
022	FOURTH ST PS	FOURTH & MAIN	OR	13	1.15	570	ACTIVE	
023	ORI @ 4th ST PS	FOURTH & MAIN	OR	3	1.33	280	ACTIVE	
026	CRD 6th & BROADWAY	6th & BROADWAY	OR	0	0.00	0	ACTIVE	
027	CRD 7th & BROADWAY	7th & BROADWAY	OR	0	0.00	0	ACTIVE	
028	CRD 6th & YORK	6TH & YORK	OR	4	1.00	20	ACTIVE	
029	CRD 8th & YORK	8th & YORK	OR	24	1.50	120	ACTIVE	
030	CRD 9th & YORK "A"	9th & YORK	OR	17	1.17	80	ACTIVE	
031	CRD 6th & BRECKINRIDGE	6th & BRECKINRIDGE	OR	0	0.00	0	ACTIVE	
032	CRD 4th & BRECKINRIDGE	4th & BRECKINRIDGE	OR	0	0.00	Eliminated	ELIMINATED	closed 3/12/2008
033	CRD ON YORK E OF 4th	ON YORK E OF 4th	OR	2	1.00	6	ACTIVE	
034	CRD 4th & YORK	4th & YORK	OR	35	1.82	40	ACTIVE	
035	CRD 2nd & BROADWAY NO 1	2nd & BROADWAY	OR	0	0.00	0	ACTIVE	
036	CRD 3rd & BROADWAY	3rd & BROADWAY	OR	12	1.08	20	ACTIVE	
038	CRD 5th & BROADWAY	5th & BROADWAY	OR	2	1.00	2	ACTIVE	
049	PRESTON ST	PRESTON N OF JACKSON	OR			Eliminated	ELIMINATED	CSO Plugged
050	12th STREET	12th ST N OF MAIN	OR	34	4.23	200	ACTIVE	
051	11th STREET	11th ST N OF MAIN	OR	9	1.11	40	ACTIVE	
052	10th STREET	10th ST N OF MAIN	OR	8	1.25	60	ACTIVE	
053	8th STREET	8th ST N OF MAIN	OR	32	1.75	170	ACTIVE	
054	7th STREET	7th ST N OF MAIN	OR	18	2.38	50	ACTIVE	
055	6th STREET	6th ST N OF MAIN	OR	18	1.33	150	ACTIVE	
056	5th STREET	5th ST N OF MAIN	OR	33	2.93	130	ACTIVE	
057	FIRST STREET OVFL WEIR	1st & MAIN	OR	0	0.00	0	ACTIVE	
058	PRESTON ST OVFL WEIR	PRESTON & MAIN	OR	22	2.36	230	ACTIVE	
062	LOGAN COMPANY	N OF BUCHANAN PS	OR	47	9.74	1,030	ACTIVE	
104	SW PKWY SEWER @ BROADWAY	SW PKWY & BROADWAY	OR	21	1.90	290	ACTIVE	
105	WESTERN OUTFALL @ BROADWAY	BROADWAY @ SW PKWY	OR	82	6.26	4,280	ACTIVE	
150	8th ST @ COMMON PLACE	8th ST & COMMON PLACE	OR	49	2.42	80	ACTIVE	
155	ROWAN ST @ 12th ST	ROWAN & 12th	OR	4	1.25	10	ACTIVE	
156	6th & WASHINGTON SAN DIV	WASHINGTON W OF 6th	OR	0	0.00	0	ACTIVE	
160	SEWER IN ALLEY SAN DIV	1ST ST BTW MAIN & MARKET	OR	22	1.45	10	ACTIVE	



APPENDIX C

161	MARKET ST SAN DIV	FIRST & MARKET	OR	16	2.31	10	ACTIVE	
172	ADAMS STREET	ADAMS ST & I-64	OR	14	1.21	10	ACTIVE	
178	CRD 9th & YORK "B"	9th & YORK	OR	5	1.00	20	ACTIVE	
181	CRD 2nd & BROADWAY NO 2	2nd & BROADWAY	OR	14	1.21	20	ACTIVE	
189	NORTHWESTERN SAN DIV	SHAWNEE PARK FLOOD PS	OR	54	8.59	10,240	ACTIVE	
190	SEVENTEENTH ST SAN DIV	17th ST & NW PKWY	OR	36	3.52	290	ACTIVE	
191	ALGONQUIN PKWY SAN DIV	SOUTHWESTERN PS	OR	14	1.21	290	ACTIVE	
192	CRD S 6th & GARLAND	6th & GARLAND	OR	14	1.21	10	ACTIVE	
193	CRD S 6th & KENTUCKY	6th & KENTUCKY	OR	14	1.21	10	ACTIVE	
194	CRD S OAK W OF 4th	OAK ST W OF 4th ST	OR	0	0.00	Eliminated	ELIMINATED	closed 3/6/2008
195	CRD S 4th & OAK	4th & OAK	OR	0	0.00	0	ACTIVE	
196	CRD S 3rd & OAK	3rd & OAK	OR	58	3.22	20	ACTIVE	
197	CRD S 3rd S OF OAK	3rd ST S OF OAK ST	OR	33	1.81	10	ACTIVE	
198	CRD S 3rd & ORMSBY	3rd & ORMSBY	OR	57	2.66	30	ACTIVE	
199	CRD S 3rd N OF MAGNOLIA	3rd ST N OF MAGNOLIA	OR	11	1.18	1	ACTIVE	
200	CRD S 3rd & MAGNOLIA	3rd & MAGNOLIA	OR	31	1.54	8	ACTIVE	
201	CRD S 5th & KENTUCKY	5th & KENTUCKY	OR	27	2.70	10	ACTIVE	
202	CRD S ORMSBY W OF 3rd	ORMSBY W OF 3rd ST	OR	19	1.15	4	ACTIVE	
203	CRD S 4th & ORMSBY	4th & ORMSBY	OR	0	0.00	0	ACTIVE	
204	CRD S 5th & BRECKINRIDGE	5th & BRECKINRIDGE	OR			Eliminated	ELIMINATED	CSO Plugged - 5/19/00
207	2nd & JEFFERSON	2ND & JEFFERSON	OR	0	0.00	0	ACTIVE	
208	12th & JEFFERSON	12th & JEFFERSON	OR	0	0.00	0	ACTIVE	
210	45th STREET-GREENWOOD	S OF 45th & WINNROSE	OR	54	3.96	390	ACTIVE	
211	MAIN DIVERSION STRUCTURE	WAYNE SUPPLY	OR	43	5.72	11,900	ACTIVE	

APPENDIX C

BEARGRASS CREEK WATERSHED

018	NIGHTINGALE PS	NIGHTINGALE & SFBGC	SF BGC	1	29.00	640	ACTIVE	
065	LAMPTON STREET	LAMPTON & SWAN	SF BGC			Eliminated	ELIMINATED	CSO Plugged
080	PAYNE STREET	LEXINGTON RD W OF PAYNE	MF BGC			Eliminated	ELIMINATED	Sewers Separated
081	LETTERLE	LETTERLE @ BGC PS	SF BGC			Eliminated	ELIMINATED	CSO Plugged 9/07/06
082	BGI AT BGC	BGC @ OMFT	SF BGC	12	1.25	40	ACTIVE	
083	BRENT ST & BROADWAY CONNECT	BRENT & BROADWAY	SF BGC	36	1.86	70	ACTIVE	
084	BRENT ST @ BGC	BRENT ST @ BGC	SF BGC	15	1.20	140	ACTIVE	
086	PAYNE AT SPRING	PAYNE ST @ SPRING ST	MF BGC	0	0.00	0	ACTIVE	
087	BLUEHORSE	FRANKFORT @ BLUEHORSE	SF BGC			Eliminated	ELIMINATED	CSO Plugged 9/18/06
088	MELLWOOD AVE INT	BROWNSBORO RD @ BGC	SF BGC	0	0.00	0	ACTIVE	Sewers Separated
091	SCHILLER AVE OVFL	SCHILLER & HIGHLAND	SF BGC	3	1.33	20	ACTIVE	
092	ST CATHERINE @ BGC	SCHILLER BTW KY & ST CATHERINE	SF BGC	2	1.00	15	ACTIVE	
093	SPRING STREET	SPRING ST N OF MELLWOOD	SF BGC	0	0.00	0	ACTIVE	
097	CANTONMENT SIPHON NO 2	BGC S OF EASTERN PKWY	SF BGC	56	6.98	880	ACTIVE	
106	ROYAL - NEFF	BACKYARD OF 1212 ROYAL	SF BGC	11	1.09	10	ACTIVE	
108	REG NO 1 - NEWBURG	NEWBURG @ TREVILIAN	SF BGC	34	2.17	1,160	ACTIVE	
109	REG NO 2 - DEER PARK	BEHIND O. L. O. P.	SF BGC	19	1.15	150	ACTIVE	
110	REG NO 3 - GOSS AVE	BGC S OF EASTERN PKWY	SF BGC	32	1.90	120	ACTIVE	
111	EMERSON STREET SEWER	BGC N OF EASTERN PKWY	SF BGC	39	2.74	240	ACTIVE	
113	ELLISON AVENUE SEWER	ELLISON & SCHILLER	SF BGC	46	5.13	170	ACTIVE	
117	REG NO 11 - DRY RUN	LOGAN & CALDWELL	SF BGC	37	3.02	2,230	ACTIVE	
118	REG NO 15 - E BRDWDY	BROADWAY W OF BGC	SF BGC	64	7.29	2,650	ACTIVE	
119	BRENT STREET SEWER	BGC N OF BROADWAY	SF BGC	27	1.62	80	ACTIVE	
120	PHOENIX HILL SEWER	E OF BGC & S OF BAXTER	SF BGC	24	1.50	180	ACTIVE	
121	REG NO 18 - GREEN ST	LEXINGTON RD W OF BGC	SF BGC	23	1.39	130	ACTIVE	
123	REG NO 20 - RUTH-SULGRV	ON BGC OP SPRING VALLEY	MF BGC			Eliminated	ELIMINATED	CSO Plugged
125	REG NO 24 - GRINSTEAD DR	GRINSTEAD @ I-64	MF BGC	30	7.16	610	ACTIVE	
126	REG NO 26 - RAYMOND AVE	I-64 & SAUNDERS LN	MF BGC	6	1.16	40	ACTIVE	
127	ETLEY AVENUE	LEXINGTON RD OP ETLEY	MF BGC	29	1.86	450	ACTIVE	
130	WEBSTER STREET	S OF STORY OP WEBSTER	SF BGC	26	3.53	250	ACTIVE	
131	REG NO 33 - MELWD & FRANKFORT	FRANKFORT AVE @ BGC	SF BGC	3	1.33	70	ACTIVE	
132	REG NO 35 - BROWNSBORO	BROWNSBORO & DRESCHER B	MudF BGC	64	6.62	1,830	ACTIVE	
137	CALVARY CEMETARY	CALVARY CEMETARY @ BGC	SF BGC	19	1.63	50	ACTIVE	
140	LOCUST STREET	LOCUST SW OF SPRING	MF BGC	28	1.92	180	ACTIVE	
141	BAXTER AVE @ BGC	BAXTER AVE & BGC	SF BGC	0	0.00	0	ACTIVE	
142	SBR LOGAN ST @ ST CATHERINE	LOGAN & ST CATHERINE	SF BGC	N/A	N/A	N/A	ACTIVE	
143	KENTUCKY STREET BLOW-OFF	OAK & BGC	SF BGC			Eliminated	ELIMINATED	Plugged-CSO not needed
144	VANCE ST REGULATOR	S END OF VANCE & I-64	MF BGC	27	3.70	20	ACTIVE	
145	POINT PUMP STATION	POINT PUMP STATION	SF BGC			Eliminated	ELIMINATED	CSO Plugged
146	SNEADS BRANCH DIVERSION	SWAN ST S OF BGC	SF BGC	51	6.72	1,790	ACTIVE	
147	SWAN STREET DIVERSION	SWAN ST N OF BGC	SF BGC			Eliminated	ELIMINATED	CSO Plugged 8/14/07
148	EASTERN PKWY DIVERSION	EASTERN PKWY E OF BGC	SF BGC	12	1.16	20	ACTIVE	
149	DRY RUN DIVERSION	KENTUCKY STREET & ST PAUL CT	SF BGC	19	8.26	360	ACTIVE	
151	REG NO 5 - CASTLEWOOD	BGC & CASTLEWOOD DELL	SF BGC	64	7.40	2,240	ACTIVE	

## APPENDIX C

152	REG NO 7 - SOUTHEASTERN	BGC & RUFER AVENUE	SF BGC	42	2.88	810	ACTIVE	
153	COOPER STREET	LEXINGTON & COOPER	SF BGC	53	3.37	130	ACTIVE	
154	MELLWOOD @ SCHOEFFEL	MELLWOOD AVE & EDWD POND BR	MudF BGC	12	1.33	120	ACTIVE	
162	BEALS BRANCH HW REG	ON MFT S OF LEXINGTON	MF BGC			Eliminated	ELIMINATED	Overflow Plugged
166	BEALS BRANCH SAN DIV	LEXINGTON RD & I-64	MF BGC	31	1.83	520	ACTIVE	
167	BROWNSBORO LAT NO 2	BROWNSBORO & DRESCHER B	MudF BGC	0	0.00	0	ACTIVE	
174	SBR GOSS & BOYLE	GOSS AVE & BOYLE ST	SF BGC	18.0	1.2	110	ACTIVE	
179	KENTUCKY ST SEWER OVFL	KENTUCKY ST & ST PAUL CT	SF BGC	14	1.21	6	ACTIVE	
180	SBR ORMSBY AVE RELIEF	ORMSBY & CLAY	SF BGC	0	0.00	0	ACTIVE	
182	SBR SHELBY & BURNETT	BURNETT W OF SHELBY ST	SF BGC	38	2.00	290	ACTIVE	
183	SBR ALEXANDER & KESWICK	ALEXANDER & KESWICK	SF BGC	0	0.00	0	ACTIVE	
184	SBR FETTER & ALEXANDER	FETTER & ALEXANDER	SF BGC	14	1.21	20	ACTIVE	
185	SBR SHELBY & KESWICK	SHELBY & KESWICK	SF BGC	23	1.34	50	ACTIVE	
186	SBR LOGAN & OAK	LOGAN & OAK	SF BGC	0	0.00	0	ACTIVE	
187	SBR SHELBY & CAMP	SHELBY & CAMP	SF BGC	0	0.00	0	ACTIVE	
188	SBR SHELBY & CLAY	SHELBY & CLAY	SF BGC	0	0.00	0	ACTIVE	
205	SBR MORGAN STREET RELIEF	MORGAN & HOERTZ	SF BGC	0	0.00	0	ACTIVE	
206	CHEROKEE PARK @ SPRING DR	CHEROKEE RD & SPRING DR	MF BGC	63	10.50	1,410	ACTIVE	
209	CHEROKEE PK @ PARK BD RD	CHEROKEE PK @ PARK BD RD	MF BGC			Eliminated	ELIMINATED	Sewers Separated

TOTAL ACTIVE CSOs = 108

**Notes:**

This information was developed through computer model simulations processed on March 10, 2004. It is NOT measured data.

The rainfall data utilized as input was an average rainfall year developed through a statistical analysis evaluating 54 years of rainfall data (1948 to 2002) for Jefferson County, KY.

The model simulation was done assuming the peak capacity at MFWTP equal to 350 mgd. However, sustainability of 350 mgd has not yet been proven.

OR - Ohio River

SF-BGC - South Fork of Beargrass Creek

MF-BGC - Middle Fork of Beargrass Creek

L-BGC - Lower Beargrass Creek

SBR - Sneads Branch Relief Sewer

CRD - Central Relief Drain

CSO Eliminate	
Sewer Separated	

Appendix D – Flow Monitoring Data





**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
January 5, 2008	10:00	0	0	0	0	0	0	0	0.006	0	0	0.639	0		0.275	0	0	0	0	0	0	1.137	0
January 5, 2008	11:00	0	0	0	0	0	0	0	0.004	0	0	0.279	0		0.063	0	0	0	0	0	0	0.794	0
January 5, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.029	0		0	0	0	0	0	0	0	0.222	0
January 5, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.05	0
January 5, 2008	14:00	0	0	0	0	0	0	0	0.012	0	0	0.03	0		0	0	0	0	0	0	0	0.123	0
January 5, 2008	15:00	0	0	0	0	0	0	0	0.008	0	0	0.681	0		0.439	0.146	0	0.009	0	0	0	1.19	0
January 5, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0.247	0		0.045	0	0	0	0	0	0	0.583	0
January 5, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.186	0
January 5, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.019	0
January 5, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.022	0
January 5, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.018	0
January 5, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.007	0
January 5, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.009	0
January 5, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.002	0
January 6, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.007	0
January 6, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.007	0
January 6, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.006	0
January 6, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 6, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 7, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
January 7, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 7, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 7, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 7, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 7, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 7, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 7, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 7, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 7, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 8, 2008	19:00	0	0	0.02	0.018	0.252	0	3.352	14.672	2.999	2.153	0	3.146	2.451	5.032	0.001	0	0	3.405	0	1.524	0	0
January 8, 2008	20:00	32.689	0	27.785	1.523	2.467	0	12.47	30.244	3.97	3.529	0	0	3.044	7.63	4.148	0.067	13.152	8.152	0.281	2.396	44.115	0
January 8, 2008	21:00	11.989	0	21.445	0.017	0.046	0	1.197	1.249	0	0.003	0.284	0	0.293	0.209	0	0.05	5.012	0	0	0.22	76.556	0
January 8, 2008	22:00	0	0	1.965	0	0	0	0	0.01	0	0	0.269	0	0.173	0	0	0.005	0	0	0	0.813	9.567	0
January 8, 2008	23:00	0	0	0.004	0	0	0	0	0.017	0	0	0.553	0	0.288	0	0	0.027	0	0	0	0.448	1.244	0
January 9, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0.003	0	0	0	0	0	0	0	0	0	0	0.024
January 9, 2008	1:00	0	0	0	0	0	0	0	0.091	0	0	0	0	0	0	0	0	0	0	0	0	0	0.006
January 9, 2008	2:00	0	0	0	0	0	0	0	0.051	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	3:00	0	0	0	0	0	0	0	0.011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	4:00	0	0	0	0	0	0	0	0.093	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	5:00	0	0	0	0	0	0	0	0.024	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	6:00	0	0	0	0	0	0	0	0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
January 9, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 9, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 10, 2008	12:00	0	0	0	0	0	0	0	0.152	0	0.195	0.046	0	0	0.323	0.962	0	0.089	0	0.232	0	1.299	0
January 10, 2008	13:00	15.051	0	2.373	0	0	0	3.744	10.855	0.694	1.221	0	0.586	1.383	5.76	0	0.203	0.427	4.083	0	2.934	0.005	0
January 10, 2008	14:00	36.289	0	28.041	0.809	0.757	0	10.175	21.452	5.174	3.69	0	1.653	2.452	9.36	0.591	0	13.376	6.52	0.254	3.988	29.821	0
January 10, 2008	15:00	46.668	0	38.844	1.362	1.133	0	12.466	26.909	3.758	3.901	0	4.368	3.804	9.614	1.495	0	20.027	7.674	0.803	2.725	113.346	0
January 10, 2008	16:00	23.184	0	29.968	0.72	0.635	0	4.186	6.671	2.097	1.131	0.076	0	1.215	2.465	1.852	0.191	10.974	0.186	0.122	1.551	95.954	0
January 10, 2008	17:00	11.232	0	13.56	0.273	0.293	0	3.174	7.293	1.94	1.353	0.107	0	1.689	4.094	0.007	0.246	5.473	1.785	0.447	1.5	42.333	0
January 10, 2008	18:00	13.247	0	10.422	0.063	0.118	0	0.952	1.11	0.155	0.066	0.374	0	0.773	0.188	0.501	0.133	5.777	0	0	0.549	32.366	0
January 10, 2008	19:00	0.001	0	0.738	0	0.015	0	0	0	0	0	0.443	0	0.218	0	0	0	0.085	0	0	0.023	13.113	0
January 10, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.519	0	0.036	0	0	0	0.083	0	0	0.002	1.39	0
January 10, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.609	0	0	0	0	0	0.002	0	0	0	0.024	0
January 10, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.518	0	0	0	0	0	0.01	0	0	0	0.011	0
January 10, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0.792	0	0	0	0	0	0	0	0	0	0.002	0
January 11, 2008	0:00	0	0	0	0	0	0	0	0.065	0	0	0.635	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	1:00	0	0	0	0	0	0	0	0.046	0	0	0.53	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	2:00	0	0	0	0	0	0	0	0.053	0	0	0.423	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	3:00	0	0	0	0	0	0	0	0.058	0	0	0.383	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	4:00	0	0	0	0	0	0	0	0.023	0	0	0.384	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	5:00	0	0	0	0	0	0	0	0	0.023	0	0.293	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0.453	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0.359	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.502	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.359	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	10:00	0	0	0	0	0	0	0	0.023	0	0	0.419	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0.352	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.218	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0.221	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	14:00	0	0	0	0	0	0	0	0.044	0	0	0.275	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	15:00	0	0	0	0	0	0	0	0.033	0	0	0.484	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	16:00	0	0	0	0	0	0	0	0.035	0	0	0.317	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.291	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	18:00	0	0	0	0	0	0	0	0	0	0	1.115	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.242	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.004	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.003	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.003	0	0	0	0	0	0	0	0	0	0	0
January 11, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0.002	0	0	0	0	0	0	0	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
January 12, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 12, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	9:00	0	0	0	0	0	0	0	0.002	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.214
January 13, 2008	10:00	0	0	0	0	0	0	0	0.012	0	0	0.72	0	0.725	0.364	0	0.016	0	0	0	0	0.958	0
January 13, 2008	11:00	0	0	0	0	0	0	0	0.011	0	0	0.664	0	0.759	0.015	0	0	0	0	0	0	0.306	0
January 13, 2008	12:00	0	0	0	0	0	0	0	0.015	0	0	0.478	0	0.206	0	0	0	0	0	0	0	0.075	0
January 13, 2008	13:00	0	0	0	0	0	0	0	0.009	0	0	0.373	0	0.06	0	0	0	0	0	0	0	0.036	0
January 13, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0.007	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0.001	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 13, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 14, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 14, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 14, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 14, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 14, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0















**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
January 27, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 27, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 28, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 29, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 29, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 29, 2008	2:00	0	0	0	0	0	0	0	0.019	0	0	0.822	0	0	0.147	0	0	0	0	0.004	0	1.496	0
January 29, 2008	3:00	0	0	0	0	0	0	0	0.008	0	0	0.484	0	0	0.022	0	0	0	0	0.002	0	1.221	0
January 29, 2008	4:00	0	0	0	0	0	0	0	0.002	0	0	0	0	0	0	0	0	0	0.035	0	0.193	0	
January 29, 2008	5:00	0	0	0	0	0	0	0	0.005	0	0	0	0	0	0	0	0	0	0.245	0	0.009	0	
January 29, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.026	0	0.288	0	
January 29, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.028	0	0.652	0	
January 29, 2008	8:00	0	0	0	0	0	0	0	0.008	0	0	0	0	0	0.207	0	0	0.069	0	0.054	0	1.672	0
January 29, 2008	9:00	1.19	0	0	0	0	0	0	0.009	0	0	0.167	0	0	0	0	0	0	0	0	0	0.234	0
January 29, 2008	10:00	0	0	0	0	0	0	0	0.007	0	0	0.35	0	0	0	0	0	0	0	0	0	0	0
January 29, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.131	0	0.006	0
January 29, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 29, 2008	13:00	0	0	0	0	0	0	0	0.013	0	0	0	0	0	0.044	0	0	0	0	0.005	0	1.994	0
January 29, 2008	14:00	18.34	0	1.831	0	0	0	3.256	10.248	0.67	1.122	0.547	0.696	2.285	6.963	0	0.011	3.701	4.279	0	2.681	2.175	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
January 29, 2008	15:00	25.66	0	19.519	0.468	0.205	0	6.39	12.651	2.686	1.36	6.153	0.646		1.792	5.239	0.785	0.239	8.662	2.714	0	3.433	8.72
January 29, 2008	16:00	9.928	0	11.317	0	0	0	0.577	1.087	0	0	1.837	0		0.712	0.235	0	0.005	3.247	0	0	0.757	11.055
January 29, 2008	17:00	0	0	0.726	0	0	0	0	0.011	0	0	2.208	0		0.645	0	0	0.038	0	0	0	0.856	1.705
January 29, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0.391	0		0	0	0	0	0	0	0	0.094	0.027
January 29, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.031	0.035
January 29, 2008	20:00	10.3	0	0.014	0	0	0	0.037	3.466	0	0	2.621	1.801		0.922	2.189	0	0.167	0.287	5.594	0	1.513	0.064
January 29, 2008	21:00	2.96	0	0.001	0	0	0	0	0.006	0	0	1.063	6.001		0.593	0	0	0.029	0	0	0	0.67	0.033
January 29, 2008	22:00	2.739	0	0.001	0	0	0	0	0	0	0	0.004	11.892		0	0	0	0	0	0.007	0	0.076	0.015
January 29, 2008	23:00	1.771	0	0	0	0	0	0	0	0	0	0	12.641		0	0	0	0	0	0	0	0.044	0.196
January 30, 2008	0:00	1.523	0	0	0	0	0	0	0	0	0	0	13.65		0	0	0	0	0	0	0	0.029	0.199
January 30, 2008	1:00	1.052	0	0	0	0	0	0	0	0	0	0	12.566		0	0	0	0	0	0	0	0.025	0
January 30, 2008	2:00	0.803	0	0	0	0	0	0	0	0	0	0	13.229		0	0	0	0	0	0	0	0.012	0
January 30, 2008	3:00	0.544	0	0	0	0	0	0	0	0	0	0	6.43		0	0	0	0	0	0	0	0.009	0
January 30, 2008	4:00	0.4	0	0	0	0	0	0	0.035	0	0	0	14.558		0	0	0	0	0	0	0	0.004	0
January 30, 2008	5:00	0.291	0	0	0	0	0	0	0	0	0	0	6.392		0	0	0	0	0	0	0	0.005	0
January 30, 2008	6:00	0.31	0	0	0	0	0	0	0.067	0	0	0	0		0	0	0	0	0	0	0	0.006	0
January 30, 2008	7:00	0.405	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.007	0
January 30, 2008	8:00	0.335	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.007	0
January 30, 2008	9:00	0	0	0	0	0	0	0	0.046	0	0	0	0		0	0	0	0	0	0	0	0.005	0
January 30, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.004	0
January 30, 2008	11:00	0	0	0	0	0	0	0	0.028	0	0	0	0		0	0	0	0	0	0	0	0.004	0
January 30, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.004	0
January 30, 2008	13:00	0	0	0	0	0	0	0	0.017	0	0	0	0		0	0	0	0	0	0	0	0.004	0
January 30, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.003	0
January 30, 2008	15:00	0	0	0	0	0	0	0	0.027	0	0	0	0		0	0	0	0	0	0	0	0.003	0
January 30, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.002	0
January 30, 2008	17:00	0	0	0	0	0	0	0	0.013	0	0	0	0		0	0	0	0	0	0	0	0.004	0
January 30, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.002	0
January 30, 2008	19:00	0	0	0	0	0	0	0	0.076	0	0	0	0		0	0	0	0	0	0	0	0.004	0
January 30, 2008	20:00	0	0	0	0	0	0	0	0.026	0	0	0	0		0	0	0	0	0	0	0	0.003	0
January 30, 2008	21:00	0	0	0	0	0	0	0	0.017	0	0	0	0		0	0	0	0	0	0	0	0.002	0
January 30, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.003	0
January 30, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.003	0
January 31, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.002	0
January 31, 2008	1:00	0	0	0	0	0	0	0	0.022	0	0	0	0		0	0	0	0	0	0	0	0.001	0
January 31, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.001	0
January 31, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.002	0
January 31, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 31, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 31, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.001	0
January 31, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.001	0
January 31, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.001	0
January 31, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.001	0
January 31, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.002	0
January 31, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.001	0
January 31, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.001	0
January 31, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.002	0
January 31, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.001	0
January 31, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 31, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 31, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 31, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
January 31, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
January 31, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 31, 2008	21:00	0	0	0	0	0	0	0	0.008	0	0	0	0	0	0.029	0	0	0	0	0	0	0.336	0
January 31, 2008	22:00	0.528	0	0	0	0	0	1.031	4.383	0	0.231	2.04	0	0	0.971	2.435	0	0.237	0	0.274	0	1.278	0
January 31, 2008	23:00	10.131	0	0	0	0	0	2.496	5.413	0	0.181	3.213	0	0	1.584	3.049	0	0.221	0	0.006	0	1.354	0.008
February 1, 2008	0:00	11.352	0	7.219	0	0	0	2.898	5.502	0	0.305	5.509	0	0	1.375	2.395	0	0.185	3.465	0.558	0	1.16	2.401
February 1, 2008	1:00	3.399	0	3.698	0	0	0	0	0.02	0	0	1.149	0	0	0.753	0	0	0	1.226	0.001	0	0.832	8.03
February 1, 2008	2:00	0	0	0	0	0	0	0	0.002	0	0	0.177	0	0	0.013	0	0	0	0	0	0	0.2	2.443
February 1, 2008	3:00	0	0	0	0	0	0	0	0.013	0	0	0.22	0	0	0.019	0	0	0	0	0.026	0	0.605	0.18
February 1, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0.008	0	0	0	0	0	0	0	0	0	0.165	0.038
February 1, 2008	5:00	0	0	0	0	0	0	0	0.003	0	0	0	0	0	0	0	0	0	0	0	0	0.028	0.035
February 1, 2008	6:00	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0.061	0	0	0	0	0	0	0.342	0.028
February 1, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0.004	0	0	0	0	0	0	0	0	0	0.252	0.023
February 1, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.056	0.046
February 1, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.023	0.035
February 1, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.012	0.001
February 1, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.007	0
February 1, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.006	0
February 1, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.006	0
February 1, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.003	0
February 1, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.007	0
February 1, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.003	0
February 1, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.003	0
February 1, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.003	0
February 1, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0
February 1, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.003	0
February 1, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0
February 1, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.002	0
February 1, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.002	0
February 2, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.002	0
February 2, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.002	0
February 2, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.001	0
February 2, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 3, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.001	0
February 3, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 3, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 4, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.001	0
February 4, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 4, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.017	0
February 4, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.002	0
February 4, 2008	4:00	0	0	0	0	0	0	0	0.007	0	0	0	0	0	0	0	0	0	0	0	0	0.324	0
February 4, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.51	0
February 4, 2008	6:00	0	0	0	0	0	0	0	0.002	0	0	0	0	0	0.12	0	0	0	0	0	0	0.244	0
February 4, 2008	7:00	0	0	0	0	0	0	2.315	8.354	1.691	1.429	1.222	2.916	0	1.842	5.628	0	0	0	1.1	0	1.327	0.012
February 4, 2008	8:00	9.088	0	1.671	0.059	0.012	0	2.276	2.292	0	0.556	0.564	0	0	0.687	1.094	0.406	0.116	0	0	0	1.056	0.012
February 4, 2008	9:00	1.282	0	0.329	0	0	0	0	0	0	0	0.11	0	0	0	0	0	0	0	0	0	0.081	0.018
February 4, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0.011
February 4, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.035	0.009
February 4, 2008	12:00	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0.022	0.003
February 4, 2008	13:00	0	0	0	0	0	0	0	0.018	0	0	0	0	0	0	0	0	0	0	0	0	0.011	0
February 4, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.013	0
February 4, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0
February 4, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0
February 4, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.012	0
February 4, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0
February 4, 2008	19:00	0	0	0	0	0	0	0	0.067	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0
February 4, 2008	20:00	0	0	0	0	0	0	0	0.029	0	0	0	0	0	0	0	0	0	0	0	0	0.009	0
February 4, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.011	0
February 4, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.009	0
February 4, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.009	0
February 5, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.007	0
February 5, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.006	0
February 5, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.007	0
February 5, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.003	0
February 5, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.003	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 5, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0
February 5, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0
February 5, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.006	0
February 5, 2008	8:00	25.024	0	8.65	0.508	0.731	0	8.512	27.702	1.57	3.762	0.697	4.657	3.362	8.08	1.731	0	7.901	12.074	0.052	2.858	0.084	
February 5, 2008	9:00	30.821	0	36.841	0.911	1.978	0	7.589	15.997	5.639	4.027	1.691	0	2.818	7.285	1.722	0.038	16.826	3.227	0	1.622	60.172	
February 5, 2008	10:00	10.766	0	17.02	0.085	0.222	0	1.321	2.266	0	0.305	1.367	2.202	0.834	1.782	1.007	0.223	4.082	0	0	1.455	52.047	
February 5, 2008	11:00	2.446	0	3.873	0.53	0.955	0	5.715	7.238	2.744	3.956	1.068	6.071	3.602	6.36	1.221	0.206	1.503	0	0	1.44	44.828	
February 5, 2008	12:00	0.097	0	0.029	0.066	0.1	0	0.151	0.03	0.011	0	0.698	9.929	0.97	0.108	1.034	0.181	0.001	0	0	1.29	42.15	
February 5, 2008	13:00	0.482	0	0	0	0	0	0	0.026	0	0.809	9.919	0	0.466	0	0	0	0	0	0	0.442	9.243	
February 5, 2008	14:00	0.217	0	0	0	0	0	0	0	0.131	0	0.592	9.305	0.052	0	0	0	0	0	0	0.224	0.094	
February 5, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0.552	8.81	0.027	0	0	0	0	0	0	0.202	0.014	
February 5, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0.414	9.338	0	0	0	0	0	0	0	0.175	0.006	
February 5, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.44	9.493	0	0	0	0	0	0	0	0.161	0.04	
February 5, 2008	18:00	0	0	0	0	0	0	0	0	0.085	0	0.583	10.978	0	0	0	0	0	0	0	0.148	0.004	
February 5, 2008	19:00	0	0	0	0	0	0	0	0	0.408	0	0.536	11.286	0	0	0	0	0	0	0	0.158	0	
February 5, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.478	11.063	0	0	0	0	0	0	0	0.116	0	
February 5, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.474	9.104	0	0	0	0	0	0	0	0.134	0	
February 5, 2008	22:00	0	0	0	0	0	0	0	0.001	0	0	0.684	0	0.107	0	0	0	0	0	0	0.56	0	
February 5, 2008	23:00	0.698	0	0	0	0	0	0	0.002	0	0	0.571	0	0.058	0	0	0	0	0.019	0	0.286	0.001	
February 6, 2008	0:00	85.31	0	62.739	1.217	0.341	0	21.16	48.456	2.435	14.802	1.242	9.691	7.545	20.035	10.749	0	69.905	17.301	0.093	20.398	73.142	
February 6, 2008	1:00	47.035	0	74.64	0.834	0.47	0	9.815	18.309	22.696	3.373	0.328	6.955	3.468	7.42	0.63	0	40.727	5.659	0.516	1.778	204.121	
February 6, 2008	2:00	46.481	0	63.712	1.009	0.662	0	12.347	24.546	27.758	4.695	0.303	6.924	3.339	9.084	1.387	0	33.495	12.724	0	2.49	152.687	
February 6, 2008	3:00	33.678	0	49.946	1.099	0.592	0	6.651	9.561	14.864	2.639	1.325	3.716	2.978	4.364	2.547	0.155	27.725	1.243	0.132	1.496	108.866	
February 6, 2008	4:00	12.147	0	20.508	0.463	0.25	0	0.158	0.022	29.565	0.929	2.588	4.809	1.282	0.347	1.536	1.029	6.431	0	0	1.14	26.084	
February 6, 2008	5:00	4.03	0	3.386	0.245	0.235	0	0	0	1.034	0.531	1.674	6.083	0.767	0	0.395	0.343	2.122	0	0	0.828	7.869	
February 6, 2008	6:00	1.807	0	0	0.177	0.182	0	0	0	0	0.066	1.073	6.33	0.817	0	1.1	0.045	0.052	0	0	0.733	0.762	
February 6, 2008	7:00	0.162	0	0	0.225	0.162	0	0	0	0.248	0	0.805	5.929	0.973	0	0.501	0.002	0.065	0	0	0.678	0.019	
February 6, 2008	8:00	0.002	0	0	0.124	0.151	0	0	0	0	0	0.51	5.142	0.483	0	0.495	0	0.033	0	0	0.622	0	
February 6, 2008	9:00	0	0	0	0.199	0.133	0	0	0.005	0	0.026	0.943	5.464	1.185	0	0.477	0.037	0.001	0	0	0.913	0	
February 6, 2008	10:00	0.495	0	0	0.386	0.273	0	0	0.004	1.045	2.801	0.812	5.308	1.266	0.046	0.642	0.174	0.001	0	0	1.422	0	
February 6, 2008	11:00	0.008	0	0	0.192	0.111	0	0	0	0	1.265	0.285	4.138	0.812	0	0.692	0.012	0	0	0	0.747	0	
February 6, 2008	12:00	0	0	0	0.378	0.203	0	0	2.277	3.789	1.375	0.249	2.802	1.44	2.271	0.291	0	0	0	0	1.269	0.006	
February 6, 2008	13:00	5.319	0	0	0.304	0.213	0	0.659	2.334	1.863	1.221	0.54	4.671	1.319	0.655	1.513	0.233	0	0	0	0.993	0	
February 6, 2008	14:00	0.011	0	0	0.088	0.102	0	0	0.001	0	0.031	0.601	5.519	0.964	0	0.446	0	0	0	0	0.652	0.05	
February 6, 2008	15:00	0	0	0	0.062	0.066	0	0	0	0	0	0.549	6.112	0.757	0	0	0	0	0	0	0.578	0.508	
February 6, 2008	16:00	0	0	0	0.071	0.069	0	0	0	0	0	0.363	6.89	0.672	0	0	0	0	0	0	0.5	0.742	
February 6, 2008	17:00	0	0	0	0.047	0.062	0	0	0	0	0	0.494	7.822	0.829	0	0	0	0	0	0	0.573	1.373	
February 6, 2008	18:00	0	0	0	0.047	0.07	0	0	0	0	0	0.513	8.48	0.551	0	0	0	0	0	0	0.603	2.065	
February 6, 2008	19:00	0	0	0	0.035	0.047	0	0	0	0	0	0.726	7.863	0.59	0	0	0	0	0	0	0.635	1.992	
February 6, 2008	20:00	0	0	0	0.033	0.043	0	0	0	0	0	0.862	8.134	0.546	0	0	0	0	0	0	0.65	2.221	
February 6, 2008	21:00	0	0	0	0.026	0.052	0	0	0	0.041	0	0.689	9.009	0.669	0	0	0	0	0	0	0.546	3.007	
February 6, 2008	22:00	0	0	0	0.017	0.035	0	0	0	0.029	0	0.815	9.553	0.467	0	0	0	0	0	0	0.535	1.826	
February 6, 2008	23:00	0	0	0	0.013	0.028	0	0	0	0	0	0.764	10.287	0.183	0	0	0	0	0	0	0.482	0	
February 7, 2008	0:00	0	0	0	0.006	0.013	0	0	0	0	0	1.035	10.73	0.044	0	0	0	0	0	0.019	0.428	0	
February 7, 2008	1:00	0	0	0	0.003	0.007	0	0	0	0	0	0.898	11.792	0.042	0	0	0	0	0	0	0.19	0.426	0
February 7, 2008	2:00	0	0	0	0.004	0.002	0	0	0	0	0	0.954	13.095	0.032	0	0	0	0	0	0	0.145	0.412	0
February 7, 2008	3:00	0	0	0	0	0.001	0	0	0	0	0	0.837	7.547	0.037	0	0	0	0	0	0	0.431	0.435	0
February 7, 2008	4:00	0	0	0	0	0.001	0	0	0	0	0	0.918	0	0.022	0	0	0	0	0	0	0.257	0.44	0
February 7, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0.958	0	0.009	0	0	0	0	0	0	0.547	0.452	0
February 7, 2008	6:00	0	0	0	0	0.001	0	0	0	0	0	0.869	0	0.035	0	0	0	0	0	0	0.463	0.439	0
February 7, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0.868	0	0.066	0	0	0	0	0	0	0.505	0.464	0
February 7, 2008	8:00	0	0	0	0	0.001	0	0	0	0	0	0.749	0	0.115	0	0	0	0	0	0	0.892	0.431	0
February 7, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.705	0	0.063	0	0	0	0	0	0	0.561	0.46	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211	
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 7, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0.717	0	0	0.076	0	0	0	0	0	0	0.847	0.384	0
February 7, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0.782	0	0	0.039	0	0	0	0	0	0	0.365	0.398	0
February 7, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.698	0	0	0.017	0	0	0	0	0	0	0.384	0.429	0
February 7, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0.738	0	0	0.044	0	0	0	0	0	0	0.689	0.385	0
February 7, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0.645	0	0	0.028	0	0	0	0	0	0	0	0.383	0
February 7, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0.678	0	0	0.017	0	0	0	0	0	0	0	0.346	0
February 7, 2008	16:00	0.002	0	0	0	0	0	0	0	0	0	0.704	0	0	0.034	0	0	0	0	0	0	0	0.361	0
February 7, 2008	17:00	0.033	0	0	0	0	0	0	0	0	0	0.578	0	0	0.008	0	0	0	0	0	0	0	0.397	0
February 7, 2008	18:00	0.065	0	0	0	0	0	0	0	0	0	0.538	0	0	0.039	0	0	0	0	0	0	0	0.367	0
February 7, 2008	19:00	0.019	0	0	0	0	0	0	0	0	0	0.591	0	0	0.02	0	0	0	0	0	0	0	0.322	0
February 7, 2008	20:00	0.016	0	0	0	0	0	0	0	0	0	0.661	0	0	0.049	0	0	0	0	0	0	0	0.334	0
February 7, 2008	21:00	0.424	0	0	0	0	0	0	0	0	0	0.646	0	0	0.033	0	0	0	0	0	0	0	0.343	0
February 7, 2008	22:00	0.103	0	0	0	0	0	0	0	0	0	0.579	0	0	0.009	0	0	0	0	0	0	0	0.345	0
February 7, 2008	23:00	0.068	0	0	0	0	0	0	0	0	0	0.615	0	0	0	0	0	0	0	0	0	0	0.323	0
February 8, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0.551	0	0	0	0	0	0	0	0	0	0.334	0	
February 8, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0.598	0	0	0	0	0	0	0	0	0	0	0.264	0
February 8, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	0.303	0
February 8, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0.466	0	0	0	0	0	0	0	0	0	0	0.252	0
February 8, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0.401	0	0	0	0	0	0	0	0	0	0	0.213	0
February 8, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0.401	0	0	0	0	0	0	0	0	0	0	0.235	0
February 8, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0.552	0	0	0	0	0	0	0	0	0	0	0.242	0
February 8, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0.591	0	0	0	0	0	0	0	0	0	0	0.247	0
February 8, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.592	0	0	0	0	0	0	0	0	0	0	0.256	0
February 8, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.758	0	0	0	0	0	0	0	0	0	0	0.251	0
February 8, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0.587	0	0	0	0	0	0	0	0	0	0	0.242	0
February 8, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0.552	0	0	0	0	0	0	0	0	0	0	0.233	0
February 8, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.355	0	0	0	0	0	0	0	0	0	0	0.254	0
February 8, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0.418	0	0	0	0	0	0	0	0	0	0	0.254	0
February 8, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0.409	0	0	0	0	0	0	0	0	0	0	0.255	0
February 8, 2008	15:00	1.333	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0.218	0
February 8, 2008	16:00	1.705	0	0	0	0	0	0	0	0	0	0.398	0	0	0	0	0	0	0	0	0	0	0.214	0
February 8, 2008	17:00	2.06	0	0	0	0	0	0	0	0	0	0.41	0	0	0	0	0	0	0	0	0	0	0.216	0
February 8, 2008	18:00	2.414	0	0	0	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0.194	0
February 8, 2008	19:00	2.943	0	0	0	0	0	0	0	0	0	0.356	0	0	0	0	0	0	0	0	0	0	0.194	0
February 8, 2008	20:00	2.419	0	0	0	0	0	0	0	0	0	0.273	0	0	0	0	0	0	0	0	0	0	0.2	0
February 8, 2008	21:00	2.107	0	0	0	0	0	0	0	0	0	0.234	0	0	0	0	0	0	0	0	0	0	0.215	0
February 8, 2008	22:00	2.636	0	0	0	0	0	0	0	0	0	0.205	0	0	0	0	0	0	0	0	0	0	0.15	0
February 8, 2008	23:00	2.279	0	0	0	0	0	0	0	0	0	0.157	0	0	0	0	0	0	0	0	0	0	0.159	0
February 9, 2008	0:00	5.16	0	0	0	0	0	0	0	0	0	0.068	0	0	0	0	0	0	0	0	0	0	0.169	0
February 9, 2008	1:00	9.153	0	0	0	0	0	0	0	0	0	0.076	0	0	0	0	0	0	0	0	0	0	0.152	0
February 9, 2008	2:00	1.837	0	0	0	0	0	0	0	0	0	0.035	0	0	0	0	0	0	0	0	0	0	0.133	0
February 9, 2008	3:00	1.229	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0.154	0
February 9, 2008	4:00	2.501	0	0	0	0	0	0	0	0	0	0.006	0	0	0	0	0	0	0	0	0	0	0.121	0
February 9, 2008	5:00	1.615	0	0	0	0	0	0	0	0	0	0.013	0	0	0	0	0	0	0	0	0	0	0.129	0
February 9, 2008	6:00	1.994	0	0	0	0	0	0	0	0	0	0.012	0	0	0	0	0	0	0	0	0	0	0.141	0
February 9, 2008	7:00	8.124	0.023	0	0	0	0	0	0	0	0	0.122	0	0	0	0	0	0	0	0	0	0	0.16	0
February 9, 2008	8:00	1.213	0	0	0	0	0	0	0	0	0	0.164	0	0	0	0	0	0	0	0	0	0	0.159	0
February 9, 2008	9:00	1.164	0	0	0	0	0	0	0	0	0	0.102	0	0	0	0	0	0	0	0	0	0	0.167	0
February 9, 2008	10:00	1.684	0	0	0	0	0	0	0	0	0	0.272	0	0	0	0	0	0	0	0	0	0	0.149	0
February 9, 2008	11:00	1.875	0.001	0	0	0	0	0	0	0	0	0.204	0	0	0	0	0	0	0	0	0	0	0.148	0
February 9, 2008	12:00	1.751	0	0	0	0	0	0	0	0	0	0.131	0	0	0	0	0	0	0	0	0	0	0.175	0
February 9, 2008	13:00	4.722	0	0	0	0	0	0	0	0	0	0.224	0	0	0	0	0	0	0	0	0	0	0.136	0
February 9, 2008	14:00	2.67	0	0	0	0	0	0	0	0	0	0.076	0	0	0	0	0	0	0	0	0	0	0.15	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 9, 2008	15:00	3.252	0	0	0	0	0	0	0	0	0	0.199	0		0	0	0	0	0	0	0	0.14	0
February 9, 2008	16:00	3.118	0.006	0	0	0	0	0	0	0	0	0.111	0		0	0	0	0	0	0	0	0.125	0
February 9, 2008	17:00	3.937	0	0	0	0	0	0	0	0	0	0.133	0		0	0	0	0	0	0	0	0.13	0
February 9, 2008	18:00	8.171	0	0	0	0	0	0	0	0	0	0.425	0		0	0	0	0	0	0	0	0.129	0
February 9, 2008	19:00	5.589	0	0	0	0	0	0	0	0	0	0.526	0		0	0	0	0	0	0	0	0.118	0
February 9, 2008	20:00	7.528	0	0	0	0	0	0	0	0	0	0.376	0		0	0	0	0	0	0	0	0.122	0
February 9, 2008	21:00	4.288	0	0	0	0	0	0	0	0	0	0.171	0		0	0	0	0	0	0	0	0.115	0
February 9, 2008	22:00	1.87	0	0	0	0	0	0	0	0	0	0.103	0		0	0	0	0	0	0	0	0.104	0
February 9, 2008	23:00	0.726	0.007	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.109	0
February 10, 2008	0:00	1.527	0	0	0	0	0	0	0	0	0	0.02	0		0	0	0	0	0	0	0	0.094	0
February 10, 2008	1:00	2.499	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.079	0
February 10, 2008	2:00	3.832	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.055	0
February 10, 2008	3:00	2.788	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.059	0
February 10, 2008	4:00	2.785	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.05	0
February 10, 2008	5:00	3.777	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.047	0
February 10, 2008	6:00	0.286	0	0	0	0	0	0	0	0	0	0.021	0		0	0	0	0	0	0	0	0.036	0
February 10, 2008	7:00	0.76	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.037	0
February 10, 2008	8:00	3.159	0	0	0	0	0	0	0	0	0	0.001	0		0	0	0	0	0	0	0	0.053	0
February 10, 2008	9:00	0.667	1.191	0	0	0	0	0	0	0	0	0.001	0		0	0	0	0	0	0	0	0.063	0
February 10, 2008	10:00	2.616	0	0	0	0	0	0	0	0	0	0.012	0		0	0	0	0	0	0	0	0.095	0
February 10, 2008	11:00	1.642	0.008	0	0	0	0	0	0	0	0	0.053	0		0	0	0	0	0	0	0	0.085	0
February 10, 2008	12:00	1.405	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.077	0
February 10, 2008	13:00	0.958	0.006	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.077	0
February 10, 2008	14:00	2.9	0.004	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.076	0
February 10, 2008	15:00	2.76	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.065	0
February 10, 2008	16:00	2.867	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.046	0.001
February 10, 2008	17:00	2.031	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.056	0.004
February 10, 2008	18:00	0.532	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.06	0.004
February 10, 2008	19:00	1.001	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.062	0
February 10, 2008	20:00	1.404	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.077	0
February 10, 2008	21:00	2.854	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.061	0
February 10, 2008	22:00	2.325	0	0	0	0	0	0	0	0	0	0.262	0		0	0	0	0	0	0	0	0.046	0
February 10, 2008	23:00	3.211	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.043	0
February 11, 2008	0:00	1.701	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.035	0
February 11, 2008	1:00	1.42	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.033	0
February 11, 2008	2:00	1.258	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.029	0
February 11, 2008	3:00	3.049	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.033	0
February 11, 2008	4:00	2.117	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.032	0
February 11, 2008	5:00	3.575	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.024	0
February 11, 2008	6:00	3.019	0	0	0	0	0	0	0	0	0	0.004	0		0	0	0	0	0	0	0	0.024	0
February 11, 2008	7:00	0.31	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.028	0
February 11, 2008	8:00	0.795	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.031	0
February 11, 2008	9:00	2.915	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.038	0
February 11, 2008	10:00	2.203	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.03	0
February 11, 2008	11:00	0.689	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.038	0
February 11, 2008	12:00	3.514	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.035	0
February 11, 2008	13:00	1.352	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.032	0
February 11, 2008	14:00	1.756	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.035	0
February 11, 2008	15:00	1.537	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.043	0
February 11, 2008	16:00	2.194	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.044	0
February 11, 2008	17:00	2.221	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.041	0
February 11, 2008	18:00	2.283	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.039	0
February 11, 2008	19:00	1.337	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.031	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211	
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	
February 11, 2008	20:00	2.001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	
February 11, 2008	21:00	1.857	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0.004	
February 11, 2008	22:00	2.383	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.048	0	
February 11, 2008	23:00	1.988	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.029	0	
February 12, 2008	0:00	1.453	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.014	0	
February 12, 2008	1:00	1.104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.015	0	
February 12, 2008	2:00	1.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0	
February 12, 2008	3:00	2.411	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.021	0	
February 12, 2008	4:00	2.306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0	
February 12, 2008	5:00	6.177	0	0	0	0	0	0	0	0	0	0	0	0.063	0	0	0	0	0	0	0	0.386	0	
February 12, 2008	6:00	11.944	0	0	0	0	1.837	0	0.037	0	0	0.997	0	0.718	0.045	0	0	0	0	0	0	0.889	0	
February 12, 2008	7:00	9.005	0	0	0	0	14.496	0	0.019	0	0	0.875	0	1.659	0.59	0	0.118	0	0	0	0	1.432	0	
February 12, 2008	8:00	0	0	0	0	0	9.547	0	0.017	0	0	1.069	0	1.309	0.547	0	0.207	0	0	0	4.121	1.674	0	
February 12, 2008	9:00	0.326	0	0	0	0	11.344	0	0.838	0	0	0.872	0	1.451	1.098	0	0.363	0	0	0	5.947	1.559	0	
February 12, 2008	10:00	3.3	0	0	0	0	10.279	0.431	3.59	0	0	0.717	0	1.188	1.998	0	0.529	0	0	0	7.891	1.478	0.005	
February 12, 2008	11:00	7.543	0	0	0	0	13.551	2.373	6.387	0	0.58	0.538	0	1.837	2.489	0	0.492	0	0	0	7.341	1.853	0.16	
February 12, 2008	12:00	9.487	0	2.228	0	0	12.971	2.746	6.05	0	1.876	0.636	0	1.335	1.78	0.056	0.541	1.379	0	0	3.326	1.912	6.303	
February 12, 2008	13:00	6.806	0	2.959	0	0	13.26	1.62	4.162	0	0.494	0.419	0	1.261	1.733	0	0.459	2.143	0	0	3.18	1.683	15.547	
February 12, 2008	14:00	3.405	0	0.591	0	0.028	13.034	0.851	3.764	0	0	0.174	0	2.045	1.541	0	0.424	0.869	0	0	4.221	1.452	8.712	
February 12, 2008	15:00	4.268	0	0.086	0.048	0.252	9.757	0.145	2.833	0	0	0.427	0	1.195	1.138	0	0.284	0.793	0	0	3.813	1.162	7.666	
February 12, 2008	16:00	6.224	0	0.277	0.924	0.157	21.428	0.492	3.687	0	0	0.346	2.101	1.667	1.687	0	0.425	1.071	0.001	0	6.026	1.63	6.812	
February 12, 2008	17:00	6.15	0	0.723	1.496	0.298	23.036	0.775	3.006	0	0	0.131	6.83	1.686	1.492	0	0.467	1.15	0	0	8.025	1.417	7.266	
February 12, 2008	18:00	1.299	0	0	0.941	0.18	21.068	0.087	2.658	0	0	0.168	7.949	1.148	1.257	0	0.346	0.075	0	0	3.345	1.251	6.333	
February 12, 2008	19:00	0.853	0	0	0.843	0.243	24.809	0.096	1.781	0	0	0.242	7.486	1.364	0.923	0	0.306	0	0	0	14.018	1.174	5.48	
February 12, 2008	20:00	0.707	0	0	0.561	0.17	17.039	0	0.419	0	0	0.261	7.336	1.13	0.15	0	0.06	0	0	0	3.668	0.855	4.03	
February 12, 2008	21:00	0.611	0	0	0	0.193	5.747	0	0.037	0	0	0.611	0	1.068	0	0	0	0	0	0	1.915	0.623	0.886	
February 12, 2008	22:00	0.237	0	0	0	0	0	0	0	0	0	0.77	2.365	0.826	0	0	0	0	0	0	0	1.342	0.474	0.075
February 12, 2008	23:00	0.23	0	0	0	0	0	0	0	0	0	0.632	0	0.451	0	0	0	0	0	0	0	1.421	0.473	0.086
February 13, 2008	0:00	0.324	0	0	0	0	0	0	0	0	0	0.692	0	0.122	0	0	0	0	0	0	0	4.145	0.409	0.524
February 13, 2008	1:00	0.11	0	0	0	0	0	0	0	0	0	0.611	0	0.069	0	0	0	0	0	0	0	8.78	0.357	64.421
February 13, 2008	2:00	0.09	0	0	0	0	0	0	0	0	0	0.567	0	0.031	0	0	0	0	0	0	0	5.684	0.3	46.02
February 13, 2008	3:00	0.068	0	0	0	0	0	0	0	0	0	0.371	0	0	0	0	0	0	0	0	0	0.317	0.231	28.954
February 13, 2008	4:00	0.058	0	0	0	0	0	0	0	0	0	0.316	0	0	0	0	0	0	0	0	0	0.544	0.226	17.781
February 13, 2008	5:00	0.057	0	0	0	0	0	0	0	0	0	0.419	0	0	0	0	0	0	0	0	0	4.084	0.217	1.903
February 13, 2008	6:00	0.048	0	0	0	0	0	0	0	0	0	0.378	0	0	0	0	0	0	0	0	0	10.828	0.211	0.223
February 13, 2008	7:00	0.031	0	0	0	0	0	0	0	0	0	0.582	0	0	0	0	0	0	0	0	0	4.558	0.219	0.031
February 13, 2008	8:00	0.002	0	0	0	0	0	0	0	0	0	0.483	0	0.015	0	0	0	0	0	0	0	1.615	0.22	0
February 13, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.4	0	0.006	0	0	0	0	0	0	0	3.078	0.218	0
February 13, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0.434	0	0	0	0	0	0	0	0	0	1.239	0.203	0
February 13, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0.404	0	0.014	0	0	0	0	0	0	0	2.615	0.257	0
February 13, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.325	0	0.058	0	0	0	0	0	0	0	4.006	0.282	0
February 13, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0.394	0	0.05	0	0	0	0	0	0	0	3.877	0.381	0
February 13, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0.398	0	0.052	0	0	0	0	0	0	0	0.51	0.351	0
February 13, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0.514	0	0.05	0	0	0	0	0	0	0	0.53	0.411	0
February 13, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0.376	0	0.064	0	0	0	0	0	0	0	0.61	0.342	0
February 13, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.34	0	0.054	0	0	0	0	0	0	0	0.42	0.236	0
February 13, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0.379	0	0.021	0	0	0	0	0	0	0	0.472	0.218	0
February 13, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.301	0	0.007	0	0	0	0	0	0	0	0.359	0.187	0.003
February 13, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.249	0	0	0	0	0	0	0	0	0	0.095	0.182	0
February 13, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.246	0	0	0	0	0	0	0	0	0	0.193	0.156	0
February 13, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.141	0	0	0	0	0	0	0	0	0	0.168	0.15	0
February 13, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0.27	0	0	0	0	0	0	0	0	0	0.266	0.175	0



**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 14, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0.002	0		0	0	0	0	0	0	0.001	0.179	0
February 14, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0.279	0.147	0
February 14, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	1.279	0.127	0
February 14, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	1.097	0.1	0
February 14, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0.846	0.109	0
February 14, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0.023	0.121	0
February 14, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0.036	0.112	0
February 14, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0.03	0.13	0
February 14, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.007	0		0	0	0	0	0	0	0.002	0.124	2.431
February 14, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.004	0		0	0	0	0	0	0	0	0.127	2.91
February 14, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0.002	0		0	0	0	0	0	0	0	0.14	1.044
February 14, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0.034	0		0	0	0	0	0	0	0	0.134	0
February 14, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.374	0		0.031	0	0	0	0	0	0	0.339	1.158
February 14, 2008	13:00	0	0	0	0	0	0	0	0.046	0	0	0.591	0		0.476	0	0	0	0	0	0	0.544	0.838
February 14, 2008	14:00	0	0	0	0	0	0	0	0.042	0	0	0.781	0		0.924	0	0	0	0	0	0	0.669	1.62
February 14, 2008	15:00	0	0	0	0	0	0	0	0.039	0	0	0.71	0		0.541	0	0	0	0	0	0	0.576	1.83
February 14, 2008	16:00	0	0	0	0	0	0	0	0.047	0	0	0.629	0		0.619	0	0	0	0	0	0	0.464	1.371
February 14, 2008	17:00	0	0	0	0	0	0	0	0.007	0	0	0.425	0		0.087	0	0	0	0	0	0	0.341	0.866
February 14, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0.308	0		0.008	0	0	0	0	0	0	0.233	0.733
February 14, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.167	0		0	0	0	0	0	0	0	0.148	1.067
February 14, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.162	0		0	0	0	0	0	0	0	0.162	0.415
February 14, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.109	0		0.08	0	0	0	0	0	0	0.159	0.196
February 14, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.01	0		0	0	0	0	0	0	0	0.14	0.093
February 14, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0.013	0		0	0	0	0	0	0	0	0.14	0.01
February 15, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.149	0.009
February 15, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.133	0
February 15, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.117	0
February 15, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.093	0
February 15, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.072	0
February 15, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.078	0
February 15, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.122	0
February 15, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.133	0
February 15, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.069	0		0	0	0	0	0	0	0	0.128	0
February 15, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.062	0		0	0	0	0	0	0	0	0.157	0
February 15, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0.372	0		0.042	0	0	0	0	0	0	0.297	0
February 15, 2008	11:00	0	0	0	0	0	0	0	0.013	0	0	0.742	0		0.321	0	0	0	0	0	0	0.537	0
February 15, 2008	12:00	0	0	0	0	0	0	0	0.042	0	0	0.698	0		0.638	0	0	0	0	0	0	0.549	0.02
February 15, 2008	13:00	0	0	0	0	0	0	0	0.013	0	0	0.707	0		0.435	0	0	0	0	0	0	0.598	0.009
February 15, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0.401	0		0.092	0	0	0	0	0	0	0.491	0.003
February 15, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0.369	0		0.075	0	0	0	0	0	0	0.396	0.055
February 15, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0.201	0		0.027	0	0	0	0	0	0	0.299	0.003
February 15, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.119	0		0	0	0	0	0	0	0	0.224	0.003
February 15, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0.079	0		0	0	0	0	0	0	0	0.187	0.002
February 15, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.046	0		0	0	0	0	0	0	0	0.2	0.001
February 15, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.072	0		0	0	0	0	0	0	0	0.187	0.002
February 15, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.011	0		0	0	0	0	0	0	0	0.19	0
February 15, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.019	0		0	0	0	0	0	0	0	0.186	0
February 15, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0.016	0		0	0	0	0	0	0	0	0.169	0
February 16, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0.002	0		0	0	0	0	0	0	0	0.152	0
February 16, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.126	0
February 16, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.101	0
February 16, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.095	0
February 16, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.099	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 16, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.081	0
February 16, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0
February 16, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.062	0
February 16, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0
February 16, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.098	0
February 16, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0.002	0	0	0.076	0	0	0	0	0	0	0.094	0
February 16, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0.068	0	0	0	0	0	0	0	0	0	0.152	0
February 16, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.055	0	0	0	0	0	0	0	0	0	0.193	0
February 16, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0.078	0	0	0.008	0	0	0	0	0	0	0.18	0
February 16, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0.142	0	0	0	0	0	0	0	0	0	0.156	0
February 16, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0.021	0	0	0	0	0	0	0	0	0	0.169	0
February 16, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0.029	0	0	0	0	0	0	0	0	0	0.159	0
February 16, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.076	0	0	0	0	0	0	0	0	0	0.18	0
February 16, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0.048	0	0	0.045	0	0	0	0	0	0	0.189	0
February 16, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.015	0	0	0	0	0	0	0	0	0	0.178	0
February 16, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.014	0	0	0	0	0	0	0	0	0	0.158	0
February 16, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.006	0	0	0	0	0	0	0	0	0	0.16	0
February 16, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.004	0	0	0	0	0	0	0	0	0	0.148	0
February 16, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0.003	0	0	0	0	0	0	0	0	0	0.154	0
February 17, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.151	0
February 17, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.136	0
February 17, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.129	0
February 17, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.127	0
February 17, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.083	0
February 17, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.11	0
February 17, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.11	0
February 17, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.109	0
February 17, 2008	8:00	0	0	0	0	0	0	0	0.004	0	0	0	0	0	0.012	0	0	0	0	0	0	0.145	0
February 17, 2008	9:00	0	0	0	0	0	0	0	0.01	0	0	0.615	0	0	0.21	0	0	0.077	0	0	0	0.331	0
February 17, 2008	10:00	0	0	0	0	0	20,363	0	0.623	0	0	1.223	0	0	0.728	1.03	0	0.146	0	0.011	0	1.189	0
February 17, 2008	11:00	5.171	0	0	0	0	21,063	0	0.82	0	0.461	1.809	0	0	1.957	0.567	0	0.264	0	0	0	1.347	0.001
February 17, 2008	12:00	0.877	0	0	0	0	0	0	0.036	0	0	1.218	0	0	0.186	0	0	0	0	0.198	0	0.567	0.011
February 17, 2008	13:00	1.37	0	0	0	0	0	0	0.025	0	0	1.029	0	0	0.176	0	0	0	0	0	0	0.428	0.007
February 17, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0.642	0	0	0.016	0	0	0	0	0	0	0.232	0.007
February 17, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0.166	0.006
February 17, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0.434	0	0	0	0	0	0	0	0	0	0.181	0.006
February 17, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.324	0	0	0	0	0	0	0	0	0	0.166	0.001
February 17, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0.215	0	0	0	0	0	0	0	0	0	0.154	0
February 17, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.156	0	0	0	0	0	0	0	0	0	0.163	0
February 17, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.628	0	0	0	0	0	0	0	0	0	0.146	0
February 17, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.019	0	0	0	0	0	0	0	0	0	0.149	0
February 17, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.004	0	0	0	0	0	0	0	0	0	0.142	0
February 17, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0.139	0
February 18, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.13	0
February 18, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.159	0
February 18, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.115	0
February 18, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.11	0
February 18, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.108	0
February 18, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.108	0
February 18, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.096	0
February 18, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.126	0
February 18, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.142	0
February 18, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.125	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 18, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.14	0
February 18, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.135	0
February 18, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.141	0
February 18, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.118	0
February 18, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.11	0
February 18, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.113	0
February 18, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.119	0
February 18, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.107	0
February 18, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.111	0
February 18, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.142	0
February 18, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.122	0
February 18, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.107	0
February 18, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.084	0
February 18, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.066	0
February 19, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.06	0
February 19, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0
February 19, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.045	0
February 19, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.048	0
February 19, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.049	0
February 19, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.049	0
February 19, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.051	0
February 19, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.057	0
February 19, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.077	0
February 19, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.069	0
February 19, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.064	0
February 19, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.057	0
February 19, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.057	0
February 19, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.055	0
February 19, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0
February 19, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.053	0
February 19, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.053	0
February 19, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.057	0
February 19, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.057	0
February 19, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.069	0
February 19, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.071	0
February 19, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.079	0
February 19, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.063	0
February 19, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.055	0
February 20, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.055	0
February 20, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.061	0
February 20, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0
February 20, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.052	0
February 20, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.053	0
February 20, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.056	0
February 20, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.064	0
February 20, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.061	0
February 20, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.068	0
February 20, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.064	0
February 20, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.061	0
February 20, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.064	0
February 20, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.059	0
February 20, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.062	0
February 20, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.068	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 20, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.061	0
February 20, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.057	0
February 20, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.073	0
February 20, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.067	0
February 20, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.067	0
February 20, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.083	0
February 20, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0
February 20, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.07	0
February 20, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.062	0
February 21, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.052	0
February 21, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.055	0
February 21, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.054	0
February 21, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.048	0
February 21, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0
February 21, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.033	0
February 21, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.051	0
February 21, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.055	0
February 21, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.056	0
February 21, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.061	0
February 21, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.057	0
February 21, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.063	0
February 21, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.066	0
February 21, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.064	0
February 21, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.098	0
February 21, 2008	15:00	0	0	0	0	0	0	0	0.017	0	0	0	0	0	0.016	0	0	0	0	0	0	0.538	0
February 21, 2008	16:00	0	0	0	0	0	0	0	0.001	0	0	0.88	0	0	0.337	0	0	0	0	0	0	0.72	0
February 21, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.075	0	0	0.025	0	0	0	0	0	0	0.229	0
February 21, 2008	18:00	0	0	0	0	0	0	0	0.01	0	0	0.192	0	0	0.338	0.277	0	0	0	0	0	0.873	0
February 21, 2008	19:00	3.597	0	0	0	0	4.556	2.413	7.254	0	2.249	1.077	0	0	4.03	5.564	0	0.122	0	0.523	0	1.876	0
February 21, 2008	20:00	12.746	0	5.663	0.61	0.347	5.133	4.44	7.837	1.261	3.883	1.08	0	0	2.434	3.635	0.504	0.187	1.744	0.563	0	1.977	0.002
February 21, 2008	21:00	2.096	0	2.777	0	0	1.9	0.085	0.129	0	0	1.086	0	0	0.627	0.015	0	0.004	0.01	0	0	0.633	0.053
February 21, 2008	22:00	0	0	0	0	0	0	0	0.004	0	0	0.539	0	0	0	0	0	0	0	0	0	0.286	0.002
February 21, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0.012	0	0	0	0	0	0	0	0	0	0.18	0.002
February 22, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.144	0.001
February 22, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.162	0
February 22, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0
February 22, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.145	0
February 22, 2008	4:00	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0.012	0	0	0	0	0	0	0.313	0
February 22, 2008	5:00	0	0	0	0	0	0	0	0.037	0	0	0.142	0	0	0.097	0	0	0	0	0	0	0.53	0
February 22, 2008	6:00	0	0	0	0	0	0	0	0.019	0	0	1.222	0	0	0.689	0.215	0	0.008	0	0	0	1.022	0
February 22, 2008	7:00	0	0	0	0	0	3.912	0	0.052	0	0	1.287	0	0	1.493	0.277	0	0.19	0	0	0	1.14	0
February 22, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.599	0	0	0.144	0	0	0	0	0	0	0.363	0.001
February 22, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.247	0	0	0.029	0	0	0	0	0	0	0.231	0.001
February 22, 2008	10:00	0	0	0	0	0	0	0	0.037	0	0	0.64	0	0	0.152	0	0	0	0	0	0	0.481	0.037
February 22, 2008	11:00	0	0	0	0	0	0	0	0.071	0	0	1.084	0	0	0.934	0	0	0	0	0	0	0.75	0.017
February 22, 2008	12:00	0	0	0	0	0	0	0	0.015	0	0	1.031	0	0	0.318	0	0	0	0	0	0	0.633	0.137
February 22, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0.603	0	0	0.121	0	0	0	0	0	0	0.46	0.061
February 22, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0.452	0	0	0.048	0	0	0	0	0	0	0.402	0.093
February 22, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0.404	0	0	0	0	0	0	0	0	0	0.336	0.096
February 22, 2008	16:00	0	0	0	0	0	0	0	0.009	0	0	0.843	0	0	0.048	0	0	0	0	0	0	0.435	0.075
February 22, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.156	0	0	0	0	0	0	0	0	0	0.157	0.171
February 22, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0.135	0	0	0	0	0	0	0	0	0	0.116	0.141
February 22, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.342	0	0	0	0	0	0	0	0	0	0.094	0.051

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 22, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.01	0		0	0	0	0	0	0	0	0.102	0.001
February 22, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.002	0		0	0	0	0	0	0	0	0.108	0.001
February 22, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.09	0
February 22, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.09	0
February 23, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.111	0
February 23, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.089	0
February 23, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.093	0
February 23, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.104	0
February 23, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.073	0
February 23, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.102	0
February 23, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.104	0
February 23, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.105	0
February 23, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.095	0
February 23, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.103	0
February 23, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.093	0
February 23, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.081	0
February 23, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.086	0
February 23, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.111	0
February 23, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.114	0
February 23, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.092	0.002
February 23, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.094	0.002
February 23, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.075	0
February 23, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.101	0
February 23, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.082	0
February 23, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.083	0
February 23, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.072	0
February 23, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.093	0
February 23, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.086	0
February 24, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.085	0
February 24, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.072	0
February 24, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.058	0
February 24, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.065	0
February 24, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.068	0
February 24, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.053	0
February 24, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.055	0
February 24, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.049	0
February 24, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.053	0
February 24, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.058	0
February 24, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.072	0
February 24, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.065	0
February 24, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.063	0
February 24, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.059	0
February 24, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.061	0
February 24, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.064	0
February 24, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.049	0
February 24, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.064	0
February 24, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.046	0
February 24, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.402	0		0	0	0	0	0	0	0	0.055	0
February 24, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.297	0		0	0	0	0	0	0	0	0.066	0
February 24, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.003	0		0	0	0	0	0	0	0	0.049	0
February 24, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.06	0
February 24, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.059	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 25, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.064	0
February 25, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.057	0
February 25, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.053	0
February 25, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.066	0
February 25, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.059	0
February 25, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.057	0
February 25, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.057	0
February 25, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.067	0
February 25, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.078	0
February 25, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.059	0
February 25, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.059	0
February 25, 2008	11:00	0	0	0	0	0	0	0	0	0	0.212	0	0	0	0	0	0	0	0	0	0	0.054	0
February 25, 2008	12:00	0	0	0	0	0	0	0	0	0	0.005	0	0	0	0	0	0	0	0	0	0	0.054	0
February 25, 2008	13:00	0	0	0	0	0	0	0	0	0	0.67	0	0	0	0	0	0	0	0	0	0	0.053	0
February 25, 2008	14:00	0	0	0	0	0	0	0	0	0	1.144	0	0	0	0	0	0	0	0	0	0	0.07	0
February 25, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.054	0
February 25, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.063	0
February 25, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.058	0
February 25, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.058	0
February 25, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.067	0
February 25, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.061	0
February 25, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.063	0
February 25, 2008	22:00	0	0	0	0	0	0	0	0.098	0	0	0	0	0	0	0	0	0	0	0	0	0.262	0
February 25, 2008	23:00	0	0	0	0	0	0	0	0.306	0	0	0	0	0	0	0	0	0	0	0	0	0.336	0
February 26, 2008	0:00	0	0	0	0	0	0	0	0.049	0	0	0.342	0	0	0.04	0	0	0	0	0	0	0.429	0
February 26, 2008	1:00	0	0	0	0	0	28.16	0.22	2.134	0	1.849	2.251	0	2.209	2.741	0	0.051	0	0	0	0	1.484	0
February 26, 2008	2:00	0	0	0	0	0	17.813	0.112	1.254	0	0.55	2.112	0	1.818	1.043	0	0.201	0	0	0	0	1.225	0.024
February 26, 2008	3:00	0	0	0	0	0	7.653	0	0.049	0	0	1.303	0	1.002	0	0	0.051	0	0	0	0	1.477	0
February 26, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0.255	0	0.123	0	0	0	0	0	0	0	0.322	0.058
February 26, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.121	0.001
February 26, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.078	0
February 26, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.082	0
February 26, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.025	0	0	0	0	0	0	0	0	0	0.088	0
February 26, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.223	0	0	0	0	0	0	0	0	0	0.078	0
February 26, 2008	10:00	0	0	0	0	0	0	0	0	0	0	1.51	0	0	0	0	0	0	0	0	0	0.19	0
February 26, 2008	11:00	0	0	0	0	0	0	0	0	0	0	1.608	0	0	0	0	0	0	0	0	0	0.329	0
February 26, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.474	0	0	0	0	0	0	0	0	0	0.259	0
February 26, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0.078	0	0	0	0	0	0	0	0	0	0.178	0
February 26, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0
February 26, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.093	0
February 26, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.066	0
February 26, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.056	0
February 26, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.056	0
February 26, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.06	0
February 26, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.071	0
February 26, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.059	0
February 26, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.053	0
February 26, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.042	0
February 27, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0
February 27, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.032	0
February 27, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.028	0
February 27, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.019	0
February 27, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.031	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 27, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.039	0
February 27, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.03	0
February 27, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.031	0
February 27, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.034	0
February 27, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.02	0
February 27, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.037	0
February 27, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.036	0
February 27, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.037	0
February 27, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.027	0
February 27, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.024	0
February 27, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.039	0
February 27, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.032	0
February 27, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.032	0
February 27, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.029	0
February 27, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.033	0
February 27, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.036	0
February 27, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.04	0
February 27, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.037	0
February 27, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.032	0
February 28, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.033	0
February 28, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.031	0
February 28, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.029	0
February 28, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.025	0
February 28, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.015	0
February 28, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.017	0
February 28, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.025	0
February 28, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.032	0
February 28, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.035	0
February 28, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.034	0
February 28, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.034	0
February 28, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.035	0
February 28, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.036	0
February 28, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.034	0
February 28, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.038	0
February 28, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.034	0
February 28, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.035	0
February 28, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.031	0
February 28, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.047	0
February 28, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.042	0
February 28, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.051	0
February 28, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.04	0
February 28, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.047	0
February 28, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.05	0
February 29, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.04	0
February 29, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.034	0
February 29, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.033	0
February 29, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.034	0
February 29, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.036	0
February 29, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.036	0
February 29, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.032	0
February 29, 2008	7:00	0	0	0	0	0	0	0	0.024	0	0	0	0		0	0.012	0	0	0	0	0	0.338	0
February 29, 2008	8:00	0	0	0	0	0	0	0	0.08	0	0	1.281	0		0.683	0.026	0	0.075	0	0	0	0.523	0
February 29, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.006	0		0	0	0	0	0	0	0	0.098	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
February 29, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.022	0
February 29, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0.06	0	0	0	0	0	0	0.572	0
February 29, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.201	0
February 29, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.081	0
February 29, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.055	0
February 29, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.031	0
February 29, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.049	0
February 29, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.035	0
February 29, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0
February 29, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.031	0
February 29, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.027	0
February 29, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.03	0
February 29, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.031	0
February 29, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.029	0
March 1, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.028	0
March 1, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.044	0
March 1, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.028	0
March 1, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.018	0
March 1, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.033	0
March 1, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.026	0
March 1, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.021	0
March 1, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.021	0
March 1, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.023	0
March 1, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.021	0
March 1, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.034	0
March 1, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.029	0
March 1, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.027	0
March 1, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.033	0
March 1, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.038	0
March 1, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0
March 1, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.048	0
March 1, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.038	0
March 1, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.031	0
March 1, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.031	0
March 1, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.035	0
March 1, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.035	0
March 1, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.041	0
March 1, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.035	0
March 2, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.042	0
March 2, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.039	0
March 2, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.035	0
March 2, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.035	0
March 2, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0
March 2, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.035	0
March 2, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.028	0
March 2, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.032	0
March 2, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.03	0
March 2, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.024	0
March 2, 2008	10:00	0	0	0	0	0	0	0	0.028	0	0	0	0.099	0	0	0	0	0	0	0	0	0.034	0
March 2, 2008	11:00	0	0	0	0	0	0	0	0.439	0	0	0.614	0	0.55	0	0	0	0	0	0	0	0.485	0
March 2, 2008	12:00	0	0	0	0	0	0	0	0	0	0.045	0	0	0	0	0	0	0	0	0	0	0.061	0
March 2, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.027	0
March 2, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.019	0



**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 2, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.011	0
March 2, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0
March 2, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.014	0
March 2, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.015	0
March 2, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.006	0
March 2, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 3, 2008	19:00	0	0	0	0	0	0	0.023	0	0	0	0	0	0	0	0	0	0	0	0	0.081	0
March 3, 2008	20:00	0	0.006	0	0	0	0.745	4.364	0	1.012	0.951	0	1.218	1.52	0	0.126	0	1.678	0	1.035	0	0
March 3, 2008	21:00	0.207	21.109	0.935	0.634	0	11.588	27.551	6.73	6.636	2.828	2.205	4.093	8.259	1.442	0	14.112	10.256	0.366	1.51	2.114	0
March 3, 2008	22:00	0.227	43.065	1.394	1.184	0	9.984	22.516	5.626	5.319	4.143	0.775	3.787	7.367	2.14	0	20.693	5.35	0.351	0.923	72.183	0
March 3, 2008	23:00	0.229	40.994	1.247	1.214	0	11.295	24.492	8.581	5.889	5.611	2.06	3.415	11.246	3.377	0	19.435	7.423	0.733	2.201	75.761	0
March 4, 2008	0:00	0.032	47.78	2.84	1.518	0	10.685	23.029	9.236	6.779	4.524	2.809	4.045	10.725	4.124	0	23.323	6.329	0.546	2.139	110.705	0
March 4, 2008	1:00	0.146	51.864	1.225	1.305	0	10.644	24.748	13.967	4.879	2.008	2.456	3.626	11.89	4.124	0	29.139	7.317	0.108	1.829	100.639	0
March 4, 2008	2:00	0.044	50.539	1.674	1.578	0	12.378	25.51	21.395	6.019	1.007	3.871	4.468	10.578	5.929	0	28.864	8.78	0.175	2.21	117.566	0
March 4, 2008	3:00	0.101	56.543	2.432	2.465	0	11.916	22.91	27.036	8.556	0.219	1.663	5.35	12.219	4.415	0	33.507	7.559	0	3.018	130.097	0
March 4, 2008	4:00	0.174	68.908	3.88	2.83	0	14.046	21.237	31.344	9.929	0	3.269	6.372	11.981	9.242	0	44.247	10.247	0	2.463	167.46	0
March 4, 2008	5:00	0.02	49.432	1.933	1.939	0	5.895	8.828	51.222	4.26	0.277	2.809	2.805	7.952	2.347	0	22.123	0.398	0.136	1.829	76.929	0
March 4, 2008	6:00	0	19.706	1.368	1.525	0	1.875	1.918	19.056	2.583	0.14	4.407	1.954	2.025	4.259	0.049	7.722	0	0	1.006	26.362	0
March 4, 2008	7:00	0	3.609	2.507	1.884	0	0	0.069	0.566	0.085	0.09	6.352	1.392	0.056	2.097	0.442	1.702	0	0	0.473	9.126	0
March 4, 2008	8:00	0	0	1.468	1.58	0	0	0.032	0	0	0.255	5.616	1.209	0	1.545	0.351	0.031	0	0	0.538	0.413	0
March 4, 2008	9:00	0	0	0.956	1.334	0	0	0.03	0.319	0	0.32	6.843	1.229	0	1.365	0.189	0.032	0	0	0.689	0.018	0
March 4, 2008	10:00	0	0	0.854	1.275	0	0	0.013	0.333	0	0	5.879	1.038	0	1.241	0.03	0.057	0	0	0.43	0.003	0
March 4, 2008	11:00	0	0	0.816	1.054	0	0	0	0	0	0.041	6.7	1.104	0	0.992	0	0.014	0	0	0.297	0	0
March 4, 2008	12:00	0	0.009	1.026	1.44	0	0	0.011	12.976	1.335	0.055	6.759	1.879	0.372	1.053	0.005	0.02	0	0	1.059	0.001	0
March 4, 2008	13:00	0.087	0	1.771	2.106	0	1.532	5.382	35.088	5.865	0	3.25	2.641	5.229	3.847	0.117	0.041	1.088	0	1.263	0.011	0
March 4, 2008	14:00	0.008	8.828	1.13	1.417	0	1.992	5.333	23.436	2.108	0.739	3.817	2.026	3.873	3.534	0.431	2.879	2.068	0	1.092	0.085	0
March 4, 2008	15:00	0	9.815	0.892	1.287	0	0.003	0.132	6.261	0.281	0.716	5.347	1.357	0.374	2.453	0.264	2.323	0	0	0.65	0.146	0
March 4, 2008	16:00	0	0.723	0.708	1.043	0	0	0	0.931	0.003	0.223	7.602	1.482	0	1.22	0	0.069	0	0	0.435	0.033	0
March 4, 2008	17:00	0	0	0.8	1.192	0	0	0.004	0	0	0.011	9.566	1.111	0	1.474	0.055	0.054	0	0	0.916	0.011	0
March 4, 2008	18:00	0	0	0.558	0.947	0	0	0.006	0	0.04	0	6.847	1.195	0	3.225	0.084	0.015	0	0	0.551	0.008	0
March 4, 2008	19:00	0	0	0.445	0.925	0	0	0	0	0	0.169	8.198	1.377	0	0.884	0	0	0	0	0.381	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 4, 2008	20:00	0	0	0	0.398	0.9	0	0	0	0	0	0.004	8.664	1.488	0	0.823	0	0	0	0	0	0.311	0
March 4, 2008	21:00	0	0	0	0.361	0.802	0	0	0	0.372	0	0.004	8.322	1.17	0	0.865	0	0	0	0	0	0.283	0
March 4, 2008	22:00	0	0	0	0.237	0.689	0	0	0	0	0	0.203	8.855	0.71	0	1.837	0	0	0	0	0	0.228	0
March 4, 2008	23:00	0	0	0	0.184	0.639	0	0	0.004	0	0	0.079	8.941	0.974	0	0.73	0	0	0	0	0	0.257	0
March 5, 2008	0:00	0	0	0	0.174	0.536	0	0	0.004	0	0	0.428	8.704	1.063	0	0.641	0	0	0	0	0	0.361	0
March 5, 2008	1:00	0	0.002	0.122	0.444	0	0	0.008	0	0	0	8.643	1.481	0	0.795	0	0	0	0	0	0	0.484	0.057
March 5, 2008	2:00	0	0.01	0.106	0.386	0	0	0	0	0	0.102	2.736	1.62	0	0.553	0	0	0	0	0	0	0.39	1.085
March 5, 2008	3:00	0	0	0.102	0.369	0	0	0	0	0	0	0.093	0	0.801	0	0.053	0	0	0	0	0	0.206	2.07
March 5, 2008	4:00	0	0	0.067	0.271	0	0	0	0	0	0	0.156	0	0.745	0	0	0	0	0	0	0	0.111	2.555
March 5, 2008	5:00	0	0	0.067	0.307	0	0	0	0	0	0	0.403	0	0.7	0	0	0	0	0	0	0	0.068	3.045
March 5, 2008	6:00	0	0	0.042	0.256	0	0	0	0	0	0	0.156	0	0.511	0	0	0	0	0	0	0	0.078	2.51
March 5, 2008	7:00	0	0	0.041	0.236	0	0	0	0	0	0	0.183	0	0.539	0	0	0	0	0	0.078	0.081	1.396	
March 5, 2008	8:00	0	0	0.034	0.185	0	0	0	0	0	0	0.109	0	0.546	0	0	0	0	0	0	0.461	0.076	0
March 5, 2008	9:00	0	0	0.02	0.135	0	0	0	0	0	0	0.404	0	0.327	0	0	0	0	0	0	0.441	0.061	0
March 5, 2008	10:00	0	0	0.018	0.138	0	0	0	0	0	0	0.18	0	0.689	0	0	0	0	0	0	0.511	0.06	0
March 5, 2008	11:00	0	0	0.014	0.12	0	0	0	0	0	0	0.02	0	0.357	0	0	0	0	0	0	0.859	0.054	0
March 5, 2008	12:00	0	0	0.014	0.129	0	0	0	0	0	0	0.243	0	0.364	0	0	0	0	0	0	1.878	0.043	0
March 5, 2008	13:00	0	0	0.028	0.167	0	0	0	0	0	0	0.245	0	0.358	0	0	0	0	0	0	0.107	0.081	0
March 5, 2008	14:00	0	0	0.012	0.199	0	0	0	0	0	0	0.211	0	0.457	0	0	0	0	0	1.308	0	0.006	
March 5, 2008	15:00	0	0	0.016	0.143	0	0	0	0	0	0	0.257	0	0.176	0	0	0	0	0	0	0.45	0.011	0.093
March 5, 2008	16:00	0	0	0.003	0.104	0	0	0	0	0	0	0.379	0	0.201	0	0	0	0	0	0	2.604	0.027	0
March 5, 2008	17:00	0	0	0.002	0.062	0	0	0	0	0	0	0.575	0	0.123	0	0	0	0	0	0	9.544	0.021	0
March 5, 2008	18:00	0	0	0.001	0.035	0	0	0	0	0	0	0.238	0	0.258	0	0	0	0	0	0	13.973	0.026	0
March 5, 2008	19:00	0	0	0.001	0.099	0	0	0	0	0	0	0.027	0	0.326	0	0	0	0	0	0	4.777	0.023	0
March 5, 2008	20:00	0	0	0.001	0.173	0	0	0	0	0	0	0.19	0	0.275	0	0	0	0	0	0	7.187	0.006	0
March 5, 2008	21:00	0	0	0	0.014	0	0	0	0	0	0	0.135	0	0.139	0	0	0	0	0	0	3.76	0	0
March 5, 2008	22:00	0	0	0	0.002	0	0	0	0	0	0	0.309	0	0.091	0	0	0	0	0	0	0	0	0
March 5, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0.313	0	0.081	0	0	0	0	0	0	0	0	0
March 6, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0.307	0	0.046	0	0	0	0	0	0	0	0	0
March 6, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0.28	0	0.052	0	0	0	0	0	0	0	0	0
March 6, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0.482	0	0.079	0	0	0	0	0	0	0	0	0
March 6, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0.27	0	0.028	0	0	0	0	0	0	0	0	0
March 6, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0.314	0	0.026	0	0	0	0	0	0	0	0	0
March 6, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0.254	0	0.023	0	0	0	0	0	0	0	0	0
March 6, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0.396	0	0.057	0	0	0	0	0	0	0	0	0
March 6, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0.468	0	0.084	0	0	0	0	0	0	0	0	0
March 6, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.348	0	0.099	0	0	0	0	0	0	0	0	0
March 6, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.313	0	0.128	0	0	0	0	0	0	0	0	0
March 6, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0.421	0	0.094	0	0	0	0	0	0	0	0	0
March 6, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0.223	0	0.013	0	0	0	0	0	0	0	0	0
March 6, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.314	0	0.016	0	0	0	0	0	0	0.725	0	0
March 6, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0.182	0	0.055	0	0	0	0	0	0	0	0	0
March 6, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0.176	0	0.009	0	0	0	0	0	0	0	0	0
March 6, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0.246	0	0.007	0	0	0	0	0	0	0	0	0
March 6, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0.185	0	0.019	0	0	0	0	0	0	0	0	0
March 6, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.222	0	0.035	0	0	0	0	0	0	0	0	0
March 6, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0.167	0	0.03	0	0	0	0	0	0	0	0	0.008
March 6, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.182	0	0.036	0	0	0	0	0	0	0	0	0
March 6, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.229	0	0	0	0	0	0	0	0	0	0	0.014
March 6, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.236	0	0	0	0	0	0	0	0	0	0	0
March 6, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.236	0	0.004	0	0	0	0	0	0	0	0	0
March 6, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0.16	0	0	0	0	0	0	0	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 7, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0.132	0	0	0	0	0	0	0	0	0	0	0
March 7, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0.217	0	0	0	0	0	0	0	0	0	0	0
March 7, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0.159	0	0	0	0	0	0	0	0	0	0	0
March 7, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0.148	0	0	0	0	0	0	0	0	0	0	0
March 7, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0.193	0	0	0	0	0	0	0	0	0	0	0
March 7, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0.216	0	0	0	0	0	0	0	0	0	0	0
March 7, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0.28	0	0	0	0	0	0	0	0	0	0	0
March 7, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0.173	0	0.023	0	0	0	0	0	0	0	0	0
March 7, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.247	0	0.05	0	0	0	0	0	0	0	0.005	0
March 7, 2008	9:00	0	0	0	0	0	0	0	0.004	0	0	0.298	0	0.06	0	0	0	0	0	0	0	0.009	0.085
March 7, 2008	10:00	0	0	0	0	0	0	0	0.005	0	0	0.213	0	0.006	0	0	0	0	0	0	0	0	0.103
March 7, 2008	11:00	0	0	0	0	0	0	0	0.012	0	0	0.302	0	0.06	0	0	0	0	0	0	0	0.008	0.126
March 7, 2008	12:00	0	0	0	0	0	0	0	0.007	0	0	0.234	0	0.089	0	0	0	0	0	0	0	0.004	0.312
March 7, 2008	13:00	0.001	0	0	0	0	0	0	0.011	0	0	0.169	0	0.042	0	0	0	0	0	0	0	0	0.137
March 7, 2008	14:00	0.002	0	0	0	0	0	0	0.006	0	0	0.322	0	0.23	0	0	0	0	0	0	0	0.02	0.112
March 7, 2008	15:00	0.003	0	0	0	0	0	0	0.017	0	0	0.465	0	0.256	0	0	0	0	0	0	2.507	0.059	0
March 7, 2008	16:00	0.003	0	0	0	0	0	0	0	0	0	0.349	0	0.276	0	0	0	0	0	0	3.593	0.11	0
March 7, 2008	17:00	0.002	0	0	0	0	0	0	0	0	0	0.307	0	0.237	0	0	0	0	0	0	0	0.114	0
March 7, 2008	18:00	0.062	0	0	0	0	0	0	0	0	0	0.259	0	0.142	0	0	0	0	0	0	0	0.013	0
March 7, 2008	19:00	0.007	0	0	0	0	0	0	0	0	0	0.259	0	0.066	0	0	0	0	0	0	0	0	0
March 7, 2008	20:00	0.071	0	0	0	0	0	0	0	0	0	0.199	0	0.022	0	0	0	0	0	0	0	0	0
March 7, 2008	21:00	0.092	0	0	0	0	0	0	0	0	0	0.246	0	0	0	0	0	0	0	0	0	0	0
March 7, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.23	0	0	0	0	0	0	0	0	0	0	0
March 7, 2008	23:00	0.007	0	0	0	0	0	0	0	0	0	0.195	0	0	0	0	0	0	0	0	0	0	0
March 8, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0.123	0	0	0	0	0	0	0	0	0	0	0.072
March 8, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0.088	0	0	0	0	0	0	0	0	0	0	0
March 8, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0.064	0	0	0	0	0	0	0	0	0	0	0.084
March 8, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0.041	0	0	0	0	0	0	0	0	0	0	0.163
March 8, 2008	4:00	0.004	0	0	0	0	0	0	0	0	0	0.012	0	0	0	0	0	0	0	0	0	0	0.46
March 8, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0.018	0	0	0	0	0	0	0	0	0	0	0.284
March 8, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0.011	0	0	0	0	0	0	0	0	0	0	0
March 8, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0.029	0	0	0	0	0	0	0	0	0	0	0
March 8, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.06	0	0	0	0	0	0	0	0	0	0	0
March 8, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0
March 8, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0.165	0	0.009	0	0	0	0	0	0	0	0	0
March 8, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0.253	0	0	0	0	0	0	0	0	0	0	0
March 8, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.222	0	0.006	0	0	0	0	0	0	0	0	0
March 8, 2008	13:00	0.009	0	0	0	0	0	0	0	0	0	0.289	0	0.043	0	0	0	0	0	0	0	0	0
March 8, 2008	14:00	0.016	0	0	0	0	0	0	0	0	0	0.36	0	0.093	0	0	0	0	0	0	0.451	0	0
March 8, 2008	15:00	0	0	0	0	0	0	0	0.004	0	0	0.579	0	0.305	0	0	0	0	0	0	1.112	0.026	0.002
March 8, 2008	16:00	0.016	0	0	0	0	0	0	0.002	0	0	0.487	0	0.26	0	0	0	0	0	0	0	0.08	0
March 8, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.426	0	0.196	0	0	0	0	0	0	3.952	0.043	0
March 8, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0.289	0	0.169	0	0	0	0	0	0	0	0	0
March 8, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.296	0	0.089	0	0	0	0	0	0	0	0	0
March 8, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.192	0	0	0	0	0	0	0	0	7.452	0	0
March 8, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.182	0	0	0	0	0	0	0	0	0	0	0
March 8, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.061	0	0	0	0	0	0	0	0	0	0	0
March 8, 2008	23:00	0.051	0	0	0	0	0	0	0	0	0	0.066	0	0	0	0	0	0	0	0	0	0	0
March 9, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0.068	0	0	0	0	0	0	0	0	0	0	0
March 9, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0.19	0	0	0	0	0	0	0	0	0	0	0
March 9, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0.12	0	0	0	0	0	0	0	0	0	0	0
March 9, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0.119	0	0	0	0	0	0	0	0	0	0	0
March 9, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 9, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 9, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.17
March 9, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 9, 2008	8:00	0	0	0	0	0	0	0	0	0	0.221	0	0	0	0	0	0	0	0	0	0	0	0.631
March 9, 2008	9:00	0	0	0	0	0	0	0	0	0	0.608	0	0	0	0	0	0	0	0	0	0	0	0
March 9, 2008	10:00	0	0	0	0	0	0	0	0	0	0.427	0	0	0.015	0	0	0	0	0	0	0	0	0
March 9, 2008	11:00	0.796	0	0	0	0	0	0	0	0	0.427	0	0	0.08	0	0	0	0	0	0	0	0.009	0
March 9, 2008	12:00	0.219	0	0	0	0.007	0	0.021	0	0	0.718	0	0	0.697	0.02	0	0	0	0	0	1.264	0.37	0
March 9, 2008	13:00	3.381	0	0	0	0.082	0	0.027	0	0	0.838	0	0	1.143	1.124	0	0.08	0	0	0	3.164	0.823	0
March 9, 2008	14:00	4.206	0	0	0	0.105	0.138	0.47	0	0.051	1.457	0	0	1.639	2.015	0	0.201	0	0	0	13.396	1.225	0
March 9, 2008	15:00	4.11	0	0	0	0.181	0.699	1.661	0	0.376	0.836	0	0	1.633	1.913	0	0.155	0	0	0	12.711	1.152	0.006
March 9, 2008	16:00	3.734	0	0	0	0.172	0.107	0.905	0	0.205	1.611	0	0	1.678	1.17	0	0.024	0	0	0	5.481	0.863	0.109
March 9, 2008	17:00	5.13	0	0	0	0.102	0	0.016	0	0	1.561	0	0	1.249	0.179	0	0	0	0	0	4.033	0.396	0.006
March 9, 2008	18:00	6.142	0	0	0	0.006	0	0.008	0	0	1.625	0	0	0.888	0	0	0	0	0	0	2.456	0.121	0.001
March 9, 2008	19:00	5.388	0	0	0	0	0	0	0	0	1.296	0	0	0.504	0	0	0	0	0	0	5.954	0.007	0.007
March 9, 2008	20:00	5.502	0	0	0	0	0	0	0	0	1.623	0	0	0.183	0	0	0	0	0	0	10.471	0	0.064
March 9, 2008	21:00	5.635	0	0	0	0	0	0	0	0	1.227	0	0	0.124	0	0	0	0	0	0	0	0	0.078
March 9, 2008	22:00	5.48	0	0	0	0	0	0	0	0	1.096	0	0	0.057	0	0	0	0	0	0	0	0	0
March 9, 2008	23:00	6.386	0	0	0	0	0	0	0	0	0.746	0	0	0	0	0	0	0	0	0	0	0	0
March 10, 2008	0:00	6.617	0	0	0	0	0	0	0	0	0.765	0	0	0	0	0	0	0	0	0	0	0	0
March 10, 2008	1:00	6.907	0	0	0	0	0	0	0	0	0.58	0	0	0	0	0	0	0	0	0	0	0	0
March 10, 2008	2:00	7.216	0	0	0	0	0	0	0	0	0.58	0	0	0	0	0	0	0	0	0	0	0	0
March 10, 2008	3:00	7.009	0	0	0	0	0	0	0	0	0.377	0	0	0	0	0	0	0	0	0	0	0	0
March 10, 2008	4:00	7.092	0	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0	0	0	0
March 10, 2008	5:00	7.289	0	0	0	0	0	0	0	0	0.505	0	0	0	0	0	0	0	0	0	0	0	0
March 10, 2008	6:00	7.3	0	0	0	0	0	0	0	0	1.016	0	0	0.012	0	0	0	0	0	0	0	0	0
March 10, 2008	7:00	7.31	0	0	0	0	0	0	0	0	0.892	0	0	0.031	0	0	0	0	0	0	0	0	0
March 10, 2008	8:00	7.638	0	0	0	0	0	0	0	0	0.852	0	0	0	0	0	0	0	0	0	0	0	0
March 10, 2008	9:00	8.052	0	0	0	0	0	0	0	0	0.677	0	0	0.031	0	0	0	0	0	0	0	0	0
March 10, 2008	10:00	7.805	0	0	0	0	0	0	0	0	1.696	0	0	0.069	0	0	0	0	0	0	0	0	0
March 10, 2008	11:00	7.454	0	0	0	0	0	0.022	0	0	2.728	0	0	0.55	0.016	0	0	0	0	0	0	0.494	0
March 10, 2008	12:00	7.27	0	0	0	0.005	0	0.003	0	0	2.945	0	0	0.933	0	0	0	0	0	0	1.092	0.225	0.013
March 10, 2008	13:00	7.155	0	0	0	0	0	0	0	0	3.643	0	0	0.906	0	0	0	0	0	0	0	0.367	0.053
March 10, 2008	14:00	6.996	0	0	0	0	0	0	0	0	2.032	0	0	1.038	0	0	0	0	0	0	1.086	0.614	0
March 10, 2008	15:00	7.035	0	0	0	0.057	0	0	0	0	3.387	0	0	0.975	0	0	0	0.044	0	0	0.835	0.515	0.235
March 10, 2008	16:00	7.625	0	0	0	0	0	0	0	0	2.794	0	0	1.313	0	0	0	0.026	0	0	0	0.137	0.002
March 10, 2008	17:00	7.933	0	0	0	0	0	0	0	0	3.696	0	0	0.782	0	0	0	0	0	0	0	0.001	0.001
March 10, 2008	18:00	7.903	0	0	0	0	0	0	0	0	3.107	0	0	0.274	0	0	0	0	0	0	0	0	0.001
March 10, 2008	19:00	7.866	0	0	0	0	0	0	0	0	1.333	0	0	0.16	0	0	0	0	0	0	0	0	0.002
March 10, 2008	20:00	7.795	0	0	0	0	0	0	0	0	1.096	0	0	0.096	0	0	0	0	0	0	0	0	0
March 10, 2008	21:00	7.65	0	0	0	0	0	0	0	0	0.816	0	0	0.069	0	0	0	0	0	0	0	0	0
March 10, 2008	22:00	7.27	0	0	0	0	0	0	0	0	0.878	0	0	0.028	0	0	0	0	0	0	0	0	0
March 10, 2008	23:00	7.532	0	0	0	0	0	0	0	0	1.266	0	0	0	0	0	0	0	0	0	0	0	0
March 11, 2008	0:00	8.614	0	0	0	0	0	0	0	0	0.659	0	0	0	0	0	0	0	0	0	0	0	0
March 11, 2008	1:00	6.555	0	0	0	0	0	0	0	0	1.13	0	0	0	0	0	0	0	0	0	0	0	0
March 11, 2008	2:00	8.254	0	0	0	0	0	0	0	0	1.091	0	0	0	0	0	0	0	0	0	2.74	0	0
March 11, 2008	3:00	6.603	0	0	0	0	0	0	0	0	1.364	0	0	0	0	0	0	0	0	0	0	0	0
March 11, 2008	4:00	7.231	0	0	0	0	0	0	0	0	0.9	0	0	0	0	0	0	0	0	0	0	0	0
March 11, 2008	5:00	7.432	0	0	0	0	0	0	0	0	2.11	0	0	0	0	0	0	0	0	0	0	0	0
March 11, 2008	6:00	7.679	0	0	0	0	0	0	0	0	1.279	0	0	0.015	0	0	0	0	0	0	0	0	0
March 11, 2008	7:00	7.786	0	0	0	0	0	0	0	0	1.296	0	0	0.026	0	0	0	0	0	0	0	0	0
March 11, 2008	8:00	6.791	0	0	0	0	0	0	0	0	1.276	0	0	0.009	0	0	0	0	0	0	0	0	0
March 11, 2008	9:00	7.152	0	0	0	0	0	0	0	0	1.956	0	0	0	0	0	0	0	0	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 11, 2008	10:00		7.505	0	0	0	0	0	0	0	0	0.979	0		0.018	0	0	0	0	0	0	0	0
March 11, 2008	11:00		7.311	0	0	0	0	0	0	0	0	0.579	0		0.073	0	0	0	0	0	0	0	0
March 11, 2008	12:00		6.84	0	0	0	0	0	0	0	0	0.903	0		0.088	0	0	0	0	0	0	0	0
March 11, 2008	13:00		6.636	0	0	0	0	0	0	0	0	1.165	0		0.114	0	0	0	0	0	0	0	0
March 11, 2008	14:00		7.288	0	0	0	0	0	0	0	0	0.58	0		0.155	0	0	0	0	0	0	0	0
March 11, 2008	15:00		6.859	0	0	0	0	0	0	0	0	1.426	0		0.086	0	0	0	0	0	0	0	0
March 11, 2008	16:00		6.386	0	0	0	0	0	0	0	0	0.85	0		0.088	0	0	0	0	0	0	0	0
March 11, 2008	17:00		6.431	0	0	0	0	0	0	0	0	1.033	0		0.085	0	0	0	0	0	0	0	0
March 11, 2008	18:00		6.138	0	0	0	0	0	0	0	0	0.625	0		0.092	0	0	0	0	0	0	0	0
March 11, 2008	19:00		6.102	0	0	0	0	0	0	0	0	1.882	0		0.073	0	0	0	0	0	0	0	0
March 11, 2008	20:00		6.525	0	0	0	0	0	0	0	0	1.539	0		0.068	0	0	0	0	0	0	0	0
March 11, 2008	21:00		6.162	0	0	0	0	0	0	0	0	1.248	0		0.052	0	0	0	0	0	0	0	0
March 11, 2008	22:00		6.684	0	0	0	0	0	0	0	0	1.11	0		0.048	0	0	0	0	0	0	0	0
March 11, 2008	23:00		6.015	0	0	0	0	0	0	0	0	1.072	0		0.029	0	0	0	0	0	0	0	0
March 12, 2008	0:00		6.277	0	0	0	0	0	0	0	0	0.403	0		0	0	0	0	0	0	0	0	0
March 12, 2008	1:00		7.934	0	0	0	0	0	0	0	0	0.404	0		0.01	0	0	0	0	0	0	0	0
March 12, 2008	2:00		9.262	0	0	0	0	0	0	0	0	0.482	0		0	0	0	0	0	0	0	0	0
March 12, 2008	3:00		7.243	0	0	0	0	0	0	0	0	0.378	0		0	0	0	0	0	0	0	0	0
March 12, 2008	4:00		8.507	0	0	0	0	0	0	0	0	0.566	0		0	0	0	0	0	0	0	0	0
March 12, 2008	5:00		4.068	0	0	0	0	0	0	0	0	1.059	0		0	0	0	0	0	0	0	0	0.938
March 12, 2008	6:00		0	0	0	0	0	0	0	0	0	0.974	0		0.017	0	0	0	0	0	0	0	0
March 12, 2008	7:00		0	0	0	0	0	0	0	0	0	1.061	0		0.031	0	0	0	0	0	0	0	0
March 12, 2008	8:00		0	0	0	0	0	0	0	0	0	1.031	0		0.025	0	0	0	0	0	0	0	0
March 12, 2008	9:00		0	0	0	0	0	0	0	0	0	0.838	0		0.011	0	0	0	0	0	0	0	0
March 12, 2008	10:00		0	0	0	0	0	0	0	0	0	0.942	0		0	0	0	0	0	0	0	0	0
March 12, 2008	11:00		0	0	0	0	0	0	0	0	0	0.379	0		0	0	0	0	0	0	0	0	0
March 12, 2008	12:00		0	0	0	0	0	0	0	0	0	0.202	0		0	0	0	0	0	0	0	0	0
March 12, 2008	13:00		0	0	0	0	0	0	0	0	0	0.212	0		0	0	0	0	0	0	0	0	0
March 12, 2008	14:00		0	0	0	0	0	0	0	0	0	0.115	0		0.01	0	0	0	0	0	0	0	0
March 12, 2008	15:00		0	0	0	0	0	0	0	0	0	0.091	0		0	0	0	0	0	0	0	0	0
March 12, 2008	16:00		0	0	0	0	0	0	0	0	0	0.065	0		0	0	0	0	0	0	0	0	0
March 12, 2008	17:00		0	0	0	0	0	0	0	0	0	0.38	0		0	0	0	0	0	0	0	0	0
March 12, 2008	18:00		0	0	0	0	0	0	0	0	0	0.469	0		0	0	0	0	0	0	0	0	0
March 12, 2008	19:00		0	0	0	0	0	0	0	0	0	0.288	0		0.023	0	0	0	0	0	0	0	0
March 12, 2008	20:00		0	0	0	0	0	0	0	0	0	0.448	0		0.044	0	0	0	0	0	0	0	0
March 12, 2008	21:00		0	0	0	0	0	0	0	0	0	0.316	0		0.015	0	0	0	0	0	0	0	0
March 12, 2008	22:00		0	0	0	0	0	0	0	0	0	0.176	0		0	0	0	0	0	0	0	0	0
March 12, 2008	23:00		0	0	0	0	0	0	0	0	0	0.063	0		0	0	0	0	0	0	0	0	0
March 13, 2008	0:00		0	0	0	0	0	0	0	0	0	0.012	0		0	0	0	0	0	0	0	0	0
March 13, 2008	1:00		0	0	0	0	0	0	0	0	0	0.008	0		0	0	0	0	0	0	0	0	0
March 13, 2008	2:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.144	
March 13, 2008	3:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 13, 2008	4:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 13, 2008	5:00		0	0	0	0	0	0	0	0	0	0.006	0		0	0	0	0	0	0	0	0	0
March 13, 2008	6:00		0	0	0	0	0	0	0	0	0	0.221	0		0.007	0	0	0	0	0	0	0	0
March 13, 2008	7:00		0	0	0	0	0	0	0	0	0	0.264	0		0.017	0	0	0	0	0	0	0	0
March 13, 2008	8:00		0	0	0	0	0	0	0	0	0	0.282	0		0.012	0	0	0	0	0	0	0	0
March 13, 2008	9:00		0	0	0	0	0	0	0	0	0	0.068	0		0	0	0	0	0	0	0	0	0
March 13, 2008	10:00		0	0	0	0	0	0	0	0	0	0.15	0		0	0	0	0	0	0	0	0	0
March 13, 2008	11:00		0	0	0	0	0	0	0	0	0	0.1	0		0	0	0	0	0	0	0	0	0
March 13, 2008	12:00		0	0	0	0	0	0	0	0	0	0.1	0		0	0	0	0	0	0	0	0	0
March 13, 2008	13:00		0	0	0	0	0	0	0	0	0	0.071	0		0	0	0	0	0	0	0	0	0
March 13, 2008	14:00		0	0	0	0	0	0	0	0	0	0.123	0		0	0	0	0	0	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 13, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0.194	0	0	0	0	0	0	0	0	0	0	0
March 13, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0.164	0	0	0	0	0	0	0	0	0	0	0
March 13, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0.142	0	0	0	0	0	0	0	0	0	0	0
March 13, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0
March 13, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0.148	0	0.005	0	0	0	0	0	0	0	0	0
March 13, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0.087	0	0	0	0	0	0	0	0	0	0	0
March 13, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0.068	0	0	0	0	0	0	0	0	0	0	0
March 13, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0.021	0	0	0	0	0	0	0	0	0	0	0
March 13, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.016
March 14, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 14, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.148	0	0
March 14, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 14, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.039
March 14, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 14, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 14, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.122	0	0
March 14, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0.035	0	0	0	0	0	0	0	0	0.112	0	0
March 14, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.211	0	0.054	0	0	0	0	0	0	0	0	0
March 14, 2008	9:00	0	0	0	0	0	0	0.001	0	0	0.689	0	0.436	0	0	0	0	0	0	0	0	0.568	0
March 14, 2008	10:00	0	0.052	0	0	0.208	0	0.129	0	0	1.404	0	1.677	1.069	0	0	0	0	0	0	1.901	1.128	0
March 14, 2008	11:00	0	0.006	0	0	0.223	0	0.148	0	0	0.214	0	1.535	0.489	0	0	0	0	0	0	0.659	0.931	0
March 14, 2008	12:00	0	0	0	0	0.04	0	0.021	0	0	0.137	0	1.604	0.012	0	0	0	0	0	0	4.421	0.227	0
March 14, 2008	13:00	0	0	0	0	0	0	0.01	0	0	0.211	0	1.027	0	0	0	0	0	0	0	0.547	0.255	0
March 14, 2008	14:00	0	0.023	0	0	0	0	0.006	0	0	0.426	0	0.12	0	0	0	0	0	0	0	0.229	0	0
March 14, 2008	15:00	0	0.032	0	0	0.122	0	0.017	0	0	0.763	0	1.436	0.312	0	0	0	0	0	0	1.362	0.778	0
March 14, 2008	16:00	0	0	0	0	0	0	0	0	0	0.787	0	0.202	0	0	0	0	0	0	0	0.781	0	0.001
March 14, 2008	17:00	0	0	0	0	0	0	0	0	0	0.496	0	0.027	0	0	0	0	0	0	0	0.507	0	0.001
March 14, 2008	18:00	0	0	0	0	0	0	0	0	0	0.372	0	0.024	0	0	0	0	0	0	0	0.5	0	0
March 14, 2008	19:00	0	0	0	0	0	0	0	0	0	0.235	0	0.016	0	0	0	0	0	0	0	0.249	0	0.05
March 14, 2008	20:00	0	0	0	0	0	0	0	0	0	0.138	0	0	0	0	0	0	0	0	0	0.247	0	0
March 14, 2008	21:00	0	0	0	0	0	0	0	0	0	0.064	0	0	0	0	0	0	0	0	0	0.731	0	0
March 14, 2008	22:00	0	0.008	0	0	0	0	0	0	0	0.027	0	0	0	0	0	0	0	0	0	0.124	0	1.996
March 14, 2008	23:00	0	0	0	0	0	0	0	0	0	0.001	0	0	0	0	0	0	0	0	0	0.011	0	1.823
March 15, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.001	0	1.691
March 15, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.291
March 15, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.87
March 15, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.05
March 15, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.098
March 15, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.573
March 15, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.798
March 15, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.31
March 15, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.997
March 15, 2008	9:00	0	0	0	0	0	0	0	0	0	0.011	0	0	0	0	0	0	0	0	0	0	0	1.176
March 15, 2008	10:00	0	0	0	0	0	0	0	0	0	0.067	0	0	0	0	0	0	0	0	0	0	0	2.123
March 15, 2008	11:00	0	0	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0	0	0	0	0	1.375
March 15, 2008	12:00	0	0	0	0	0	0	0	0	0	0.004	0	0	0	0	0	0	0	0	0	0	0	0.838
March 15, 2008	13:00	0	0.041	0	0	0	0	0.004	0	0	0.212	0	0.138	0	0	0	0	0	0	0	0	0.113	1.165
March 15, 2008	14:00	0	0.096	0	0	1.072	0.891	2.916	3.583	1.188	1.194	0	2.152	3.838	0.228	0.012	0	0	0	0	2.195	1.107	
March 15, 2008	15:00	0	0.018	0.649	0.354	1.247	2.288	2.673	1.341	2.2	0.489	0	1.977	2.019	4.034	0	0	0	0	0	0.926	1.196	
March 15, 2008	16:00	0.005	0.071	0	0.006	0.38	0	2.774	0	0	0.739	0	1.432	1.147	0	0	0	0	0.217	0	0.049	1.099	
March 15, 2008	17:00	0.069	0.125	0	0	0.67	2.542	7.121	1.628	1.928	1.083	0	1.542	2.418	3.114	0.025	0	0.201	0	0.966	0.738		
March 15, 2008	18:00	0	0.255	0	0	0.217	0.002	0.227	0	0.085	1.178	0	0.979	0.08	0.247	0	0	0	0	0	0.004	0.699	
March 15, 2008	19:00	0	0.038	0	0	0	0	0.012	0	0	0.581	0	0.215	0	0	0	0	0	0	0	0	0	1.022

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 15, 2008	20:00		0	0.058	0	0	0	0	0	0	0	0.503	0		0.037	0	0	0	0	0	0	0	0.962
March 15, 2008	21:00		0	0.055	0	0	0	0	0	0	0	0.396	0		0.016	0	0	0	0	0	0	0	1.115
March 15, 2008	22:00		0	0.049	0	0	0	0	0	0	0	0.349	0		0	0	0	0	0	0	0	0	0.647
March 15, 2008	23:00		0	0.038	0	0	0	0	0	0	0	0.155	0		0	0	0	0	0	0	0	0	0.778
March 16, 2008	0:00		0	0.016	0	0	0	0	0	0	0	0.012	0		0	0	0	0	0	0	0	0	0.231
March 16, 2008	1:00		0	0.02	0	0	0	0	0	0	0	0.011	0		0	0	0	0	0	0	0	0	0.588
March 16, 2008	2:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0.491
March 16, 2008	3:00		0	0.07	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0.522
March 16, 2008	4:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0.188
March 16, 2008	5:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0.168
March 16, 2008	6:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0.1
March 16, 2008	7:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0.046
March 16, 2008	8:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0.055
March 16, 2008	9:00		0	0	0	0	0	0	0	0	0	0.084	0		0	0	0	0	0	0	0	0	0.02
March 16, 2008	10:00		0	0	0	0	0	0	0	0	0	0.094	0		0	0	0	0	0	0	0	0	0.014
March 16, 2008	11:00		0	0	0	0	0	0	0	0	0	0.072	0		0	0	0	0	0	0	0	0	0
March 16, 2008	12:00		0	0	0	0	0	0	0	0	0	0.053	0		0	0	0	0	0	0	0	0	0
March 16, 2008	13:00		0	0	0	0	0	0	0	0	0	0.04	0		0	0	0	0	0	0	0	0	0
March 16, 2008	14:00		0	0	0	0	0	0	0	0	0	0.015	0		0	0	0	0	0	0	0	0	0
March 16, 2008	15:00		0	0.022	0	0	0	0	0	0	0	0.004	0		0	0	0	0	0	0	0	0	0
March 16, 2008	16:00		0	0	0	0	0	0	0	0	0	0.015	0		0	0	0	0	0	0	0	0	0
March 16, 2008	17:00		0	0.013	0	0	0	0	0	0	0	0.12	0		0	0	0	0	0	0	0	0	0
March 16, 2008	18:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 16, 2008	19:00		0	0.041	0	0	0	0	0	0	0	0.032	0		0	0	0	0	0	0	0	0	0
March 16, 2008	20:00		0	0	0	0	0	0	0	0	0	0.115	0		0	0	0	0	0	0	0	0	0
March 16, 2008	21:00		0	0.019	0	0	0	0	0	0	0	0.014	0		0	0	0	0	0	0	0	0	0
March 16, 2008	22:00		0	0.012	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 16, 2008	23:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	0:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	1:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	2:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	3:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	4:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	5:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	6:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	7:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	8:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	9:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	10:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	11:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	12:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	13:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	14:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	15:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	16:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	17:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	18:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	19:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	20:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	21:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	22:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
March 17, 2008	23:00		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0

**Appendix D  
Louisville MSD Flow Monitoring Data  
January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 18, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 18, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 18, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 18, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 18, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 18, 2008	5:00	0	0.036	0	0	0	0	0	0	0	0	0	0	6.349	0	0	0	0	0	0	0	0	0
March 18, 2008	6:00	0	0.11	0	0	0	0	0.016	0	0	0	0	0	10.664	0.013	0	0	0	0	0.151	0	0	0
March 18, 2008	7:00	0.103	14.198	0.54	0.498	2.553	8.864	28.754	6.073	7.632	3.641	0	4.147	4.998	7.776	4.381	0	10.929	12.065	0	2.899	0.035	
March 18, 2008	8:00	0.053	50.046	0.351	0.347	1.905	10.272	21.339	6.337	5.116	9.347	0	5.361	3.25	4.628	5.282	0	26.262	5.919	0.08	1.463	59.037	
March 18, 2008	9:00	0.009	42.317	0.108	0.102	1.715	7.684	19.131	3.222	3.283	6.183	0	11.728	3.049	7.819	1.829	0	20.942	7.675	0	2.074	58.351	
March 18, 2008	10:00	0.055	55.098	1.279	1.275	2.482	10.326	19.236	6.271	7.36	6.884	0	6.815	3.837	6.477	7.938	0	35.195	6.781	0	2.98	88.464	
March 18, 2008	11:00	0.295	55.338	1.314	1.32	3.316	12.407	26.822	3.62	5.695	8.994	0	5.602	4.458	7.584	4.895	0	25.178	11.005	0	3.219	92.62	
March 18, 2008	12:00	0.154	74.526	1.564	1.281	3.308	14.925	29.336	7.173	5.948	15.283	0	1.874	4.696	8.407	6.877	0.026	41.034	13.422	0	2.424	225.065	
March 18, 2008	13:00	0.126	54.668	0.742	0.582	1.416	6.688	10.2	5.942	2.866	8.662	0	0.405	2.151	2.599	3.275	0	25.631	0.866	0	0.955	166.808	
March 18, 2008	14:00	0.004	25.137	0.212	0.395	0.724	0.904	1.36	1.682	0.414	5.308	0	2.373	1.166	0.384	2.353	0.177	8.085	0	0	0.072	61.474	
March 18, 2008	15:00	0.004	7.706	0.061	0.253	0.265	0	0.166	0.365	0	6.92	0	1.271	1.439	1.384	1.484	0.076	4.48	0.505	0	0.116	25.902	
March 18, 2008	16:00	0.007	11.024	0.195	0.345	1.065	1.546	5.207	2.129	1.097	8.544	0	0.116	1.34	1.773	1.441	0.149	6.518	0.246	0	0.349	22.127	
March 18, 2008	17:00	0	6.236	0.063	0.238	0.398	0.01	0.44	0.383	0.042	5.559	0	0	1.064	0.354	0.794	0.063	2.903	0	0	0.067	13.387	
March 18, 2008	18:00	0	0.19	0.068	0.23	0.183	0	0.003	0	4.47	0	0	0.652	1.047	0	1.501	0	0.143	0	0	0.047	3.281	
March 18, 2008	19:00	0	0.006	0.041	0.162	0.098	0	0	0	0	3.225	0	0.194	1.139	0	0.151	0	0	0	0	0	0.056	
March 18, 2008	20:00	0	0.024	0.128	0.297	0.4	0	0.007	0	0.038	4.577	0	0	1.134	0.308	0.728	0.239	0	0	0	0.681	1.097	
March 18, 2008	21:00	0	0.032	0.054	0.244	0.228	0	0.004	0.089	0	4.676	0	1.78	1.051	0	1.944	0.023	0	0	0	0.126	2.3	
March 18, 2008	22:00	0	0.165	0.038	0.154	0.069	0	0.006	0.323	0	4.575	0	1.926	0.706	0.223	0.216	0.063	0	0.399	0	0.208	1.532	
March 18, 2008	23:00	0	0.106	0.136	0.338	0.767	0	2.102	0	0.154	6.347	0	2.189	1.264	1.063	1.706	0.299	0.672	0.103	0	0.795	1.196	
March 19, 2008	0:00	0.001	5.765	0.444	0.574	1.314	1.088	2.823	1.335	0.61	7.984	0	0.451	1.907	2.098	3.55	0.307	3.255	0.002	0	0.903	1.922	
March 19, 2008	1:00	0	4.372	0.272	0.503	1.164	0.527	1.867	0.752	0.7	6.404	0	2.704	1.568	1.21	2.043	0.208	2.608	0.004	0.456	0.853	5.442	
March 19, 2008	2:00	0	0.22	0.138	0.338	0.366	0	0.009	0	0.033	5.213	0	9.086	1.103	0.036	2.605	0.063	0.299	0.003	0.848	0.032	5.178	
March 19, 2008	3:00	0.141	3.763	0.885	0.87	3.123	6.77	19.346	7.795	5.889	9.621	0	12.521	4.222	6.136	8.207	0.06	5.583	8.047	4.15	3.123	17.82	
March 19, 2008	4:00	0.582	74.25	1.619	1.761	5.001	18.44	42.44	4.668	13.934	4.887	0	9.766	6.315	12.478	14.44	0	54.751	18.173	23.297	4.565	134.614	
March 19, 2008	5:00	3.086	82.793	1.94	1.185	4.299	11.356	19.976	23.632	6.952	7.346	0	15.008	3.886	7.003	9.033	0	64.392	4.345	16.985	2.476	174.883	
March 19, 2008	6:00	5.074	76.401	3.942	3.874	5.266	15.233	32.089	43.959	10.819	4.915	0	9.85	6.978	8.16	11.026	0	56.499	13.889	32.31	4.263	170.794	
March 19, 2008	7:00	4.886	92.189	6.471	6.363	8.803	16.682	34.751	44.938	10.57	5.075	0	11.562	4.911	7.557	18.389	0	77.855	15.053	36.149	3.26	216.363	
March 19, 2008	8:00	3.662	75.457	4.17	4.362	7.583	11.035	20.584	31.765	11.135	6.61	0	13.803	4.857	7.698	17.363	0	61.325	2.657	16.721	3.347	267.174	
March 19, 2008	9:00	2.418	43.034	3.242	2.825	6.129	8.718	16.71	49.632	9.323	2.926	0	7.035	3.084	5.754	15.561	0	27.684	2.795	6.909	2.346	272.597	
March 19, 2008	10:00	2.604	56.732	4.538	4.967	10.425	16.494	34.57	51.536	15.291	9.015	0	10.347	6.39	8.817	22.839	0	41.213	7.536	23.951	4.198	184.383	
March 19, 2008	11:00	1.131	38.832	0.977	1.598	5.83	5.684	5.954	38.263	5.361	22.897	0	7.741	2.286	2.352	13.492	0	20.146	0	4.762	1.486	135.505	
March 19, 2008	12:00	2.02	19.503	3.059	3.459	6.787	9.676	20.393	44.734	10.737	21.33	0	4.328	2.708	7.214	20.593	0	13.445	1.757	6.912	1.806	88.257	
March 19, 2008	13:00	0.884	29.372	1.884	2.443	7.553	8.551	11.614	20.365	13.341	28.066	0	4.121	3.239	4.014	18.779	0	19.943	3.757	4.712	2.009	105.736	
March 19, 2008	14:00	0.049	13.946	0.906	1.28	5.709	1.99	1.313	11.864	7.003	27.973	0	4.147	2.401	1.428	15.463	0.04	7.89	0	4.317	1.469	24.926	
March 19, 2008	15:00	0.145	0.903	1.96	1.878	5.084	1.522	3.555	11.299	6.317	18.346	0	2.816	2.296	3.603	17.379	0	2.56	0	6.522	1.91	7.443	
March 19, 2008	16:00	0.37	0.178	3.823	3.023	5.126	5.769	5.385	23.554	4.571	16.85	0	1.482	1.745	4.128	20.702	0	2.782	0	2.195	1.805	4.799	
March 19, 2008	17:00	0.206	0.02	3.501	3.061	3.944	3.258	3.051	11.372	8.379	22.147	0	1.174	2.069	1.819	13.21	0.03	1.086	0	2.25	1.251	8.025	
March 19, 2008	18:00	0.583	0.041	3.291	2.454	2.257	0.353	1.932	5.88	6.848	19.184	0	1.087	1.712	0.936	12.92	0.349	0.68	0	2.094	0.693	2.566	
March 19, 2008	19:00	0.655	0.078	2.609	1.021	1.222	0.112	2.66	7.836	3.237	13.177	0	0.634	1.973	0.795	13.25	0.419	0.736	0	0.423	0.496	0.195	
March 19, 2008	20:00	0.671	0	2.835	0.7	0.804	0.051	1.141	6.474	3.917	13.45	0	0.167	1.334	0.426	6.694	0.288	2.916	0	0	0.302	0.001	
March 19, 2008	21:00	0.755	0.044	2.666	0.628	0.737	0.067	0.566	4.889	2.039	11.231	0	0	1.282	0.268	10.432	0.217	8.24	0	4.25	0.14	0.138	
March 19, 2008	22:00	0.717	0	2.434	0.538	0.616	0.009	0	5.355	1.075	14.447	0	0	1.143	0.089	5.823	0.139	15.716	0	1.927	0.077	0.107	
March 19, 2008	23:00	0.815	0.019	2.379	0.458	0.492	0.002	0.292	19.661	1.484	15.974	0	0	1.314	0.007	6.834	0.077	14.46	0	2.278	0.013	0	
March 20, 2008	0:00	0.787	0.251	2.161	0.422	0.33	0	0	17.399	1.711	18.706	0	0	1.263	0	6.243	0.027	17.33	0	1.515	0	0	
March 20, 2008	1:00	0.964	0.623	1.777	0.408	0.296	0	0	25.639	1.588	14.992	0	0	1.221	0	6.491	0	15.958	0	0	0	0	
March 20, 2008	2:00	0.895	0.682	1.705	0.421	0.28	0	0	24.12	1.313	10.025	0	0	1.053	0	2.591	0	20.274	0	0.462	0	0	
March 20, 2008	3:00	0.93	0.674	1.938	0.409	0.233	0	0	0.755	0.98	9.101	0	0	1.057	0	4.672	0	19.831	0	10.51	0	0.007	
March 20, 2008	4:00	1.023	1.516	1.466	0.338	0.235	0	0	0.633	0.555	8.029	0	0	1.054	0	4.118	0	19.525	0	0	0	0.139	



**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 20, 2008	5:00		0.983	0.498	1.349	0.307	0.203	0	0	4.076	0.568	7.81	0	0	0.954	0	4.556	0	20.247	0	2.952	0	0.195
March 20, 2008	6:00		1.076	0	1.46	0.321	0.222	0.021	0	0.264	0.529	5.493	0	0	0.897	0	4.012	0	18.27	0	2.373	0	0
March 20, 2008	7:00		1.051	0	1.153	0.267	0.229	0	0	0.173	0.459	5.979	0	0	0.887	0	5.219	0	21.892	0	1.036	0	0
March 20, 2008	8:00		1.145	0	1.187	0.29	0.196	0	0	0	0.188	7.768	0	0	1.177	0	3.896	0	21.006	0	2.261	0	0
March 20, 2008	9:00		1.047	0	1.19	0.241	0.187	0	0	0	0.006	7.58	0	0	0.842	0	4.381	0	21.709	0	3.464	0	0
March 20, 2008	10:00		0.913	0	1.095	0.2	0.152	0.018	0	0	0	8.094	0	0	0.881	0	3.45	0	20.711	0	12.744	0	0
March 20, 2008	11:00		0.617	0	0.877	0.189	0.138	0.054	0	0	0	25.716	0	0	0.855	0	2.746	0	19.528	0	4.584	0	0
March 20, 2008	12:00		0	0	0.777	0.141	0.135	0.157	0	0	0	5.119	0	0	0.761	0	4.276	0	22.923	0	6.951	0	0
March 20, 2008	13:00		0	0	0.757	0.207	0.125	0.019	0	0	0	9.322	0	0	0.707	0	3.182	0	23.236	0	0	0	0.01
March 20, 2008	14:00		0	0	0.756	0.19	0.115	0	0	0	0	7.965	0	0	0.79	0	2.303	0	22.926	0	1.877	0	0
March 20, 2008	15:00		0	0	0.607	0.183	0.128	0	0	0	0	10.138	0	0	0.792	0	2.908	0	23.629	0	2.607	0	0
March 20, 2008	16:00		0	0	0.57	0.133	0.11	0	0.125	0	0	13.355	0	0	0.825	0	1.72	0	22.79	0	1.86	0	0
March 20, 2008	17:00		0	0	0.562	0.143	0.104	0	0.07	0	0	13.276	0	0	1.113	0	1.032	0	24.045	0	2.395	0	0
March 20, 2008	18:00		0.057	0	0.611	0.129	0.124	0	0	0	0	2.051	0	0	0.801	0	1.074	0	23.518	0	3.058	0	0
March 20, 2008	19:00		0.042	0	0.557	0.128	0.142	0	0	0	0	1.206	0	0	0.791	0	1.497	0	20.704	0	1.42	0	0
March 20, 2008	20:00		0	0	0.515	0.091	0.141	0	0	0	0	4.657	0	0	0.744	0	0.945	0	26.436	0	4.668	0	0
March 20, 2008	21:00		0	0	0.538	0.087	0.157	0	0	0	0	1.237	0	0	1.013	0	1.215	0	25.712	0	2.495	0	0
March 20, 2008	22:00		0	0	0.367	0.097	0.119	0	0	0	0	2.471	0	0	0.816	0	0.73	0	24.391	0	1.214	0	0
March 20, 2008	23:00		0	0	0.374	0.076	0	0	0	0	0	4.416	0	0	1.062	0	0.595	0	24.815	0	1.175	0	0
March 21, 2008	0:00		0	0	0.377	0.051	0	0	0.083	0	0	15.854	0	0	0.674	0	0.373	0	25.236	0	4.746	0	0
March 21, 2008	1:00		0	0	0.28	0.055	0	0	0.196	0	0	13.408	0	0	0.85	0	0.093	0	25.702	0	3.899	0	0
March 21, 2008	2:00		0	0	0.364	0.08	0	0	0	0	0	1.718	0	0	0.777	0	0.001	0	26.465	0	5.726	0	0
March 21, 2008	3:00		0	0	0.739	0.08	0	0	0	0	0	4.072	0	0	0.901	0	0	0	24.293	0	6.417	0	0
March 21, 2008	4:00		0	0	0.149	0.013	0	0	0	0	0	11.652	0	0	0.727	0	0	0	26.846	0	5.653	0	0
March 21, 2008	5:00		0	0	0.203	0.036	0	0	0.051	0	0	17.538	0	0	0.834	0	0	0	28.048	0	7.246	0	0.012
March 21, 2008	6:00		0	0	0.196	0.041	0	0	0.053	0	0	17.073	0	0	0.936	0	0	0	26.225	0	4.991	0	0
March 21, 2008	7:00		0	0	0.197	0.039	0	0	0	0	0	2.045	0	0	0.825	0	0	0	24.557	0	2.389	0	0
March 21, 2008	8:00		0	0	0.157	0.027	0	0	0	0	0	1.835	0	0	0.725	0	0	0	25.625	0	8.427	0	0
March 21, 2008	9:00		0	0	0.154	0.041	0	0	0	0	0	6.239	0	0	0.613	0	0	0	25.981	0	4.539	0	0
March 21, 2008	10:00		0	0	0.145	0.021	0	0	0	0	0	7.832	0	0	0.556	0	0	0	25.636	0	4.679	0	0
March 21, 2008	11:00		0	0	0.092	0.046	0	0	0	0	0	1.861	0	0	0.855	0	0	0	27.193	0	6.194	0	0
March 21, 2008	12:00		0	0	0.095	0.025	0	0	0	0	0	2.049	0	0	0.69	0	0	0	25.609	0	4.467	0	0
March 21, 2008	13:00		0.019	0	0.059	0.028	0	0	0	0	0	0	0	0	0.72	0	0	0	25.803	0	2.952	0	0
March 21, 2008	14:00		0	0	0.029	0.012	0	0	0	0	0	1.187	0	0	0.614	0	0	0	25.701	0	3.169	0	0
March 21, 2008	15:00		0	0	0	0.006	0	0	0	0	0	1.083	0	0	0.666	0	0	0	26.018	0	0	0	0
March 21, 2008	16:00		0	0	0	0.006	0	0	0	0	0	0.289	0	0	0.842	0	0	0	23.55	0	1.615	0	0
March 21, 2008	17:00		0	0	0	0.003	0	0	0	0	0	3.146	0	0	0.679	0	0	0	21.074	0	0.847	0	0
March 21, 2008	18:00		0.006	0	0	0.005	0	0	0	0	0	0.203	0	0	0.51	0	0	0	23.356	0	0.863	0	0
March 21, 2008	19:00		0	0	0	0	0	0	0	0	0	0.134	0	0	0.567	0	0	0	25.589	0	6.818	0	0
March 21, 2008	20:00		0	0	0	0	0	0	0	0	0	1.703	0	0	0.572	0	0	0	26.758	0	5.069	0	0
March 21, 2008	21:00		0.026	0	0	0	0	0	0	0	0	0.039	0	0	0.497	0	0	0	24.851	0	0	0	0
March 21, 2008	22:00		0	0	0	0	0	0	0	0	0	0.213	0	0	0.564	0	0	0	24.347	0	0	0	0
March 21, 2008	23:00		0	0	0	0	0	0	0	0	0	1.558	0	0	0.537	0	0	0	24.93	0	0	0	0
March 22, 2008	0:00		0	0	0	0	0	0	0	0	0	1.113	0	0	0.349	0	0	0	25.098	0	0	0	0
March 22, 2008	1:00		0	0	0	0	0	0	0	0	0	0	0	0	0.134	0	0	0	21.651	0	0	0	0
March 22, 2008	2:00		0	0	0	0	0	0	0	0	0	0.919	0	0	0.183	0	0	0	22.195	0	0	0	0
March 22, 2008	3:00		0	0	0	0	0	0	0	0	0	1.47	0	0	0.089	0	0	0	25.787	0	0	0	0
March 22, 2008	4:00		0	0	0	0	0	0	0	0	0	1.699	0	0	0.101	0	0	0	23.105	0	0	0	0
March 22, 2008	5:00		0	0	0	0	0	0	0	0	0	0.399	0	0	0.102	0	0	0	21.855	0	0	0	0
March 22, 2008	6:00		0	0	0	0	0	0	0	0	0	0.267	0	0	0.134	0	0	0	22.172	0	0	0	0
March 22, 2008	7:00		0	0	0	0	0	0	0	0	0	0.871	0	0	0.153	0	0	0	21.89	0	0	0	0
March 22, 2008	8:00		0	0	0	0	0	0	0	0	0	0.655	0	0	0.216	0	0	0	22.53	0	0	0	0
March 22, 2008	9:00		0	0	0	0	0	0	0	0	0	1.322	0	0	0.352	0	0	0	21.647	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 22, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0.801	0	0	0.529	0	0	0	20.799	0	0	0	0
March 22, 2008	11:00	0	0	0	0	0	0	0	0	0	0	1.021	0	0	0.541	0	0	0	22.56	0	0	0	0
March 22, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0.512	0	0	0.464	0	0	0	23.714	0	0	0	0
March 22, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0.807	0	0	0.368	0	0	0	23.445	0	0	0	0
March 22, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0.615	0	0	0.148	0	0	0	21.963	0	0	0	0
March 22, 2008	15:00	0	0	0	0	0	0	0	0	0	0	2.253	0	0	0.146	0	0	0	24.802	0	0	0	0
March 22, 2008	16:00	2.862	0	0	0	0	0	0	0.208	0	0	8.762	0	0	0.181	0	0	0	22.738	0	0	0	0
March 22, 2008	17:00	2.736	0	0	0	0	0	0.021	0.158	0	0	9.993	0	0	0.102	0	0	0	21.733	0	0	0	0
March 22, 2008	18:00	2.706	0	0	0	0	0	0.005	0	0	0	3.486	0	0	0.16	0	0	0	23.188	0	0	0	0
March 22, 2008	19:00	2.531	0	0	0	0	0	0	0	0	0	6.178	0	0	0.159	0	0	0	22.349	0	0	0	0
March 22, 2008	20:00	2.354	0	0	0	0	0	0	0	0	0	5.563	0	0	0.106	0	0	0	21.865	0	0	0	0
March 22, 2008	21:00	2.684	0	0	0	0	0	0	0	0	0	9.767	0	0	0.096	0	0	0	20.498	0	0	0	0
March 22, 2008	22:00	2.643	0	0	0	0	0	0	0	0	0	8.992	0	0	0.087	0	0	0	20.409	0	0	0	0
March 22, 2008	23:00	2.276	0	0	0	0	0	0	0	0	0	6.846	0	0	0.053	0	0	0	21.179	0	0	0	0
March 23, 2008	0:00	2.071	1.526	0	0	0	0	0	0	0	0	6.748	0	0	0.037	0	0	0	20.744	0	0	0	0
March 23, 2008	1:00	2.748	0	0	0	0	0	0	0	0	0	8.067	0	0	0	0	0	0	19.186	0	0	0	0
March 23, 2008	2:00	2.837	0	0	0	0	0	0	0	0	0	5.602	0	0	0	0	0	0	20.046	0	0	0	0
March 23, 2008	3:00	1.635	0	0	0	0	0	0	0	0	0	6.356	0	0	0	0	0	0	19.657	0	0	0	0
March 23, 2008	4:00	2.084	1.8	0	0	0	0	0	0	0	0	7.688	0	0	0	0	0	0	18.272	0	0	0	0
March 23, 2008	5:00	1.935	1.232	0	0	0	0	0	0	0	0	4.233	0	0	0	0	0	0	18.02	0	0	0	0
March 23, 2008	6:00	1.937	1.718	0	0	0	0	0	0	0	0	8.38	0	0	0	0	0	0	19.543	0	0	0	0
March 23, 2008	7:00	0.798	0	0	0	0	0	0	0	0	0	3.981	0	0	0.019	0	0	0	20.113	0	0	0	0
March 23, 2008	8:00	2.021	0.483	0	0	0	0	0	0	0	0	3.198	0	0	0.078	0	0	0	18.203	0	0	0	0
March 23, 2008	9:00	1.663	1.822	0	0	0	0	0	0	0	0	4.559	0	0	0.044	0	0	0	18.301	0	0	0	0
March 23, 2008	10:00	2.196	0.765	0	0	0	0	0	0	0	0	4.456	0	0	0.09	0	0	0	17.824	0	0	0	0
March 23, 2008	11:00	2.508	0.193	0	0	0	0	0	0	0	0	9.99	0	0	0.066	0	0	0	18.123	0	0	0	0
March 23, 2008	12:00	1.321	1.221	0	0	0	0	0	0	0	0	6.1	0	0	0.052	0	0	0	18.188	0	0	0	0
March 23, 2008	13:00	2.064	1.751	0	0	0	0	0	0	0	0	4.191	0	0	0.045	0	0	0	18.108	0	0	0	0
March 23, 2008	14:00	2.293	2.406	0	0	0	0	0	0	0	0	9.579	0	0	0.045	0	0	0	17.723	0	0	0	0
March 23, 2008	15:00	1.743	0.252	0	0	0	0	0	0	0	0	6.418	0	0.224	0.068	0	0	0	15.978	0	0	0	0
March 23, 2008	16:00	2.263	0.21	0	0	0	0	0	0	0	0	4.963	0	0.363	0.045	0	0	0	16.108	0	0	0	0
March 23, 2008	17:00	2.803	0.227	0	0	0.063	0	0.138	0	0	0	4.66	0	0	0.354	0.17	0	0.118	15.106	0	0	0.095	0
March 23, 2008	18:00	1.521	0.261	0	0	0.065	0	0	0	0	0	1.751	0	0	1.118	0.037	0	0	13.431	0	0	0.085	0
March 23, 2008	19:00	2.916	1.186	0	0	0	0	0	0	0	0	4.161	0	0	0.141	0	0	0	16.22	0	0	0	0
March 23, 2008	20:00	2.608	0.343	0	0	0	0	0	0	0	0	2.785	0	0	0.083	0	0	0	14.778	0	0	0	0
March 23, 2008	21:00	2.556	0.247	0	0	0	0	0	0	0	0	2.607	0	0	0.043	0	0	0	15.996	0	0	0	0
March 23, 2008	22:00	2.359	0.303	0	0	0	0	0	0	0	0	2.504	0	0	0	0	0	0	16.128	0	0	0	0
March 23, 2008	23:00	1.998	0.163	0	0	0	0	0	0	0	0	3.567	0	0	0	0	0	0	15.501	0	0	0	0
March 24, 2008	0:00	4.494	0.205	0	0	0	0	0	0	0	0	2.34	0	0	0	0	0	0	15.017	0	0	0	0
March 24, 2008	1:00	5.35	0.339	0	0	0	0	0	0	0	0	7.093	0	0	0	0	0	0	14.849	0	0	0	0
March 24, 2008	2:00	4.702	0.216	0	0	0	0	0	0	0	0	5.875	0	0	0	0	0	0	13.034	0	0	0	0
March 24, 2008	3:00	4.698	0.089	0	0	0	0	0	0	0	0	4.747	0	0	0	0	0	0	13.321	0	0	0	0
March 24, 2008	4:00	5.444	0	0	0	0	0	0	0	0	0	5.121	0	0	0	0	0	0	11.493	0	0	0	0
March 24, 2008	5:00	5.59	0	0	0	0	0	0	0	0	0	1.829	0	0	0	0	0	0	10.352	0	0	0	0
March 24, 2008	6:00	3.387	0	0	0	0	0	0	0	0	0	0.618	0	0	0	0	0	0	9.828	0	0	0	0
March 24, 2008	7:00	4.499	0	0	0	0	0	0	0	0	0	2.348	0	0	0.009	0	0	0	8.357	0	0	0	0
March 24, 2008	8:00	3.993	0	0	0	0	0	0	0	0	0	1.159	0	0	0	0	0	0	7.506	0	0	0	0
March 24, 2008	9:00	3.585	0	0	0	0	0	0	0	0	0	1.627	0	0	0	0	0	0	6.818	0	0	0	0
March 24, 2008	10:00	3.961	0	0	0	0	0	0	0	0	0	1.36	0	0	0	0	0	0	3.094	0	0	0	0
March 24, 2008	11:00	2.842	0	0	0	0	0	0	0	0	0	3.101	0	0	0	0	0	0	0	0	0	0	0
March 24, 2008	12:00	4.358	0	0	0	0	0	0	0	0	0	1.647	0	0	0	0	0	0	0	0	0	0	0
March 24, 2008	13:00	5.092	0	0	0	0	0	0	0	0	0	1.686	0	0	0	0	0	0	0	0	0	0	0.131
March 24, 2008	14:00	4.669	0	0	0	0	0	0	0	0	0	1.501	0	0	0	0	0	0	0	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 24, 2008	15:00		5.116	0	0	0	0	0	0.034	0	0	2.225	0	0	0	0	0	0	0	0	0	0	0
March 24, 2008	16:00		5.628	0	0	0	0	0	0.012	0	0	1.519	0	0	0	0	0	0	0	0	0	0	0
March 24, 2008	17:00		6.81	0	0	0	0	0	0	0	0	1.101	0	0	0.005	0	0	0	0	0	0	0	0
March 24, 2008	18:00		7.269	0	0	0	0	0	0	0	0	1.405	0	0	0	0	0	0	0	0	0	0	0
March 24, 2008	19:00		7.325	0	0	0	0	0	0	0	0	1.222	0	0	0	0	0	0	0	0	0	0	0
March 24, 2008	20:00		7.794	0	0	0	0	0	0	0	0	1.094	0	0	0	0	0	0	0	0	0	0	0
March 24, 2008	21:00		7.425	0	0	0	0	0	0	0	0	1.004	0	0	0	0	0	0	0	0	0	0	0
March 24, 2008	22:00		7.554	0	0	0	0	0	0	0	0	0.6	0	0	0.017	0	0	0	0	0	0	0	0
March 24, 2008	23:00		7.004	0	0	0	0	0	0	0	0	0.987	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	0:00		7.57	0	0	0	0	0	0	0	0	0.168	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	1:00		8.307	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	2:00		9.573	0	0	0	0	0	0	0	0	0.131	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	3:00		9.46	0	0	0	0	0	0	0	0	0.097	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	4:00		7.668	0	0	0	0	0	0	0	0	0.246	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	5:00		7.206	0	0	0	0	0	0	0	0	0.347	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	6:00		7.139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	7:00		6.95	0	0	0	0	0	0	0	0	0.058	0	0	0.009	0	0	0	0	0	0	0	0
March 25, 2008	8:00		5.655	0	0	0	0	0	0	0	0	0.132	0	0	0.008	0	0	0	0	0	0	0	0
March 25, 2008	9:00		1.803	0	0	0	0	0	0	0	0	0.085	0	0	0.045	0	0	0	0	0	0	0	0
March 25, 2008	10:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	11:00		0.018	0	0	0	0	0	0	0	0	0.016	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	12:00		0.4	0	0	0	0	0	0	0	0	0.019	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	13:00		0	0	0	0	0	0	0	0	0	0.007	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	14:00		0	0	0	0	0	0	0	0	0	0.017	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	15:00		0	0	0	0	0	0	0	0	0	0.005	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	16:00		0.086	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	17:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	18:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	19:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	20:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	21:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	22:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 25, 2008	23:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	0:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	1:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	2:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	3:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	4:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	5:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.011
March 26, 2008	6:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	7:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	8:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	9:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	10:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	11:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.195
March 26, 2008	12:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	13:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	14:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	15:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.024
March 26, 2008	16:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	17:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 26, 2008	18:00		0	0	0	0	0	0	0	0	0	0	0	2.094	0	0	0	0	0	0	0	0	0.066
March 26, 2008	19:00		0	0.028	0	0	0	0	0	0	0	0	7.494	0.006	0	0	0	0	0	0	0.285	0	0.105

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 26, 2008	20:00		0	0.211	0	0	0.834	0.996	5.533	2.044	0.277	0	0	12.432	1.259	3.543	0	0.016	0	1.178	1.104	1.359	0.081
March 26, 2008	21:00		0.118	8.86	0.087	0.146	2.318	6.519	14.949	3.391	1.729	3.484	0	14.125	1.625	9.264	3.573	0	5.468	3.54	4.288	1.847	0.034
March 26, 2008	22:00		0.378	27.654	0.255	0.195	2.512	9.546	21.561	8.466	3.335	4.092	0	5.621	2.008	11.249	4.818	0	10.342	10.368	8.388	2.81	7.133
March 26, 2008	23:00		0.378	45.546	1.464	0.432	3.759	12.09	25.811	4.084	5.736	0.685	0	0.353	3.181	8.024	15.644	0.046	21.44	7.434	9.89	3.228	125.836
March 27, 2008	0:00		0.497	38.399	0.045	0.059	1.546	5.687	14.202	5.042	1.165	0.969	0	7.714	1.833	4.395	6.809	0.118	14.998	4.176	7.038	1.256	79.862
March 27, 2008	1:00		0	15.974	0	0.001	0.187	0.242	0.61	0	0.018	0.308	0.107	5.19	0.926	0.053	1.219	0	3.285	0.003	1.766	0.037	13.472
March 27, 2008	2:00		0.215	14.173	0.275	0.128	2.54	7.327	18.111	4.093	2.941	1.163	0	0.824	3.112	7.64	5.004	0.093	8.797	5.78	3.792	2.277	12.844
March 27, 2008	3:00		0.005	21.034	0.116	0.09	1.293	2.845	4.109	0.56	0.576	0	0	8.213	1.54	1.397	3.952	0.347	7.815	0	4.021	0.296	30.753
March 27, 2008	4:00		0	6.554	0.002	0.009	0.405	0.159	4.573	0.116	0.031	0	0	8.481	1.231	1.584	0.023	0.079	2.027	2.337	1.356	0.05	12.19
March 27, 2008	5:00		0.256	28.945	0.408	0.182	2.326	9.643	23.662	6.167	2.486	0.575	0	3.743	2.425	6.842	11.111	0.175	22.914	10.004	2.337	1.731	25.621
March 27, 2008	6:00		0.599	49.858	0.737	0.241	2.764	10.952	25.177	31.831	2.981	1.247	0	2.595	2.645	8.839	12.655	0	24.085	5.124	2.585	2.025	45.105
March 27, 2008	7:00		0.082	34.73	0.226	0.113	1.337	2.889	5.182	1.415	1.115	1.58	0	1.895	1.748	1.726	11.878	0.181	9.258	0.014	0.892	0.268	25.935
March 27, 2008	8:00		0.065	12.951	0.128	0.095	1.046	0.812	3.322	2.463	0.697	1.44	0	1.257	1.451	2.321	5.673	0.319	5.928	0.245	0.071	0.854	9.099
March 27, 2008	9:00		0	2.255	0.056	0.065	0.766	0	0.221	1.071	0.015	0.679	0	0	1.444	0.582	1.985	0.373	0.533	0	0	0.282	3.83
March 27, 2008	10:00		0	0.033	0.042	0.082	0.537	0	0.005	0	0	0.136	0	0	1.208	0.632	0.656	0.318	0	0	0	0.01	2.209
March 27, 2008	11:00		0	0	0.008	0.157	0.152	0	0	0	0	0.173	0	0	1.198	0	0.13	0	0	0	0	0.007	2.151
March 27, 2008	12:00		0	0	0.012	0.005	0	0	0	0	0	0.451	0	0	1.048	0	0	0	0	0	0	0	3.049
March 27, 2008	13:00		0	0.025	0.001	0.003	0	0	0.01	0	0	0.448	0	0	0.809	0	0	0	0	0	0	0	2.651
March 27, 2008	14:00		0	0	0	0.002	0	0	0.002	0	0	1.001	0	0	0.455	0	0	0	0	0	0	0	2.724
March 27, 2008	15:00		0	0	0	0.003	0	0	0	0	0	1.144	0	0	0.714	0	0	0	0	0	0	0	1.836
March 27, 2008	16:00		0	0	0	0.002	0	0	0	0.019	0	1.049	0	0	0.395	0	0	0	0	0	0	0	2.627
March 27, 2008	17:00		0	0	0	0.001	0	0	0	0	0	0.619	0	0	0.623	0	0	0	0	0	0	0	2.154
March 27, 2008	18:00		0	0	0	0.001	0	0	0	0	0	0.695	0	0	0.924	0	0	0	0	0	0	0	2.21
March 27, 2008	19:00		0	0	0	0.001	0	0	0	0	0	0.732	0	0	0.512	0	0	0	0	0	0	0	1.411
March 27, 2008	20:00		0	0	0	0.001	0	0	0	0	0	0.441	0	0	0.433	0	0	0	0	0	0	0	2.296
March 27, 2008	21:00		0	0	0	0	0	0	0	0	0	0.523	0	0	0.141	0	0	0	0	0	0	0	2.237
March 27, 2008	22:00		0	0	0	0	0	0	0	0	0	0.397	0	0	0.112	0	0	0	0	0	0	0	2.632
March 27, 2008	23:00		0	0	0	0	0	0	0	0	0	0.831	0	0	5.875	0.124	0	0	0	0	0	0	1.465
March 28, 2008	0:00		0	0	0	0	0	0	0.014	0	0	0.92	0	15.314	0.1	0	0	0	0	0	0	0	1.192
March 28, 2008	1:00		0.173	0.532	0.001	0.008	1.871	4.372	9.488	4.83	5.062	2.342	0	12.157	1.385	6.327	4.706	0	2.071	6.901	0	2.217	1.011
March 28, 2008	2:00		0.163	28.94	1.651	0.568	5.343	11.207	23.996	7.559	2.34	0.91	0	8.028	4.564	10.444	14.828	0	11.891	5.83	0.053	1.521	24.026
March 28, 2008	3:00		0.134	36.173	1.216	0.492	3.447	7.663	9.898	7.62	2.881	0.221	0	9.706	2.382	6.063	10.259	0.025	8.266	0.234	0.468	1.124	75.789
March 28, 2008	4:00		0.966	34.377	0.951	0.391	2.576	10.962	24.581	23.904	2.655	0.304	0	4.82	2.526	8.312	19.102	0.12	14.953	11.059	0	2.029	66.587
March 28, 2008	5:00		0.379	50.897	1.397	0.735	3.002	8.371	14.619	19.203	2.402	0.394	0	1.219	2.634	7.998	15.835	0	19.506	2.208	0	1.619	104.49
March 28, 2008	6:00		0.105	25.111	0.868	0.422	1.861	2.297	3.056	8.844	0.955	0	0	1.788	1.657	4.372	0.134	5.326	0	0.121	0.663	30.584	
March 28, 2008	7:00		0	5.875	0.37	0.282	0.617	0	0.151	0.922	0.146	0	0	1.263	0.05	4.077	0.63	0.318	0	0	0	0	9.949
March 28, 2008	8:00		0	0.012	0.347	0.27	0.204	0	0	0.663	0.078	0.138	0	0	0.942	0	3.954	0.363	0	0	0	0	1.852
March 28, 2008	9:00		0	0	0.335	0.222	0.106	0	0	0.534	0	0.2	0	0	0.83	0	5.249	0.149	0	0	0	0.026	1.584
March 28, 2008	10:00		0	0	0.282	0.163	0.128	0	0	0.697	0	0	0	0	0.911	0	2.315	0.051	0	0	0	0.066	1.804
March 28, 2008	11:00		0	0	0.203	0.149	0.149	0	0.067	0.456	0	0.067	0	0	0.901	0	2.635	0	0	0	0	0.065	2.959
March 28, 2008	12:00		0	0	0.239	0.159	0.151	0	0.051	0.887	0	0.128	0	0	1.05	0	1.887	0	0	0	0	0.026	1.97
March 28, 2008	13:00		0	0	0.197	0.151	0.007	0	0	0	0.004	0.079	0	0	0.829	0	1.628	0	0	0	0	0.006	2.772
March 28, 2008	14:00		0	0	0.118	0.148	0	0	0	0	0	0.16	0	0	0.942	0	1.103	0	0	0	0	0	3.055
March 28, 2008	15:00		0	0	0.151	0.125	0	0	0.016	0	0	0.077	0	0	0.968	0	1.214	0	0	0	0	0	2.15
March 28, 2008	16:00		0	0	0.119	0.116	0	0	0	0	0	0.096	0	0	0.907	0	0.952	0	0	0	0	0	2.191
March 28, 2008	17:00		0	0	0.135	0.097	0	0	0.008	0.204	0	0.352	0	0	0.719	0	0.593	0	0	0	0	0	0.791
March 28, 2008	18:00		0	0	0.119	0.078	0	0	0.09	0	0	0.346	0	0	0.747	0	0.423	0	0	0	0	0	2.769
March 28, 2008	19:00		0	0	0.103	0.071	0	0	0	0	0	0.367	0	0	0.904	0	0.101	0	0	0	0	0	1.7
March 28, 2008	20:00		0	0	0.077	0.061	0	0	0.007	0	0	0.249	0	0	0.952	0	0.001	0	0	0	0.017	0	1.992
March 28, 2008	21:00		0	0	0.071	0.08	0	0	0.084	0	0	0.223	0	0	0.695	0	0	0	0	0	0.012	0	1.576
March 28, 2008	22:00		0	0	0.062	0.056	0	0	0.059	0	0	0.472	0	0	0.756	0	0	0	0	0	0.039	0	1.811
March 28, 2008	23:00		0	0	0.052	0.047	0	0	0.029	0	0	0.441	0	0	0.905	0	0	0	0	0	0.031	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 29, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0.572	0	0	0.599	0	0	0	0	0	0	0	0
March 29, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0.573	0	0	0.541	0	0	0	0	0	0	0	0
March 29, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0.656	0	0	0.508	0	0	0	0	0	0	0	0
March 29, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0.482	0	0	0.226	0	0	0	0	0	0	0	0
March 29, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0.509	0	0	0.274	0	0	0	0	0	0	0	0
March 29, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0.508	0	0	0.203	0	0	0	0	0	0	0	0
March 29, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0.486	0	0	0.341	0	0	0	0	0	0	0	0
March 29, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0.424	0	0	0.534	0	0	0	0	0	0	0	0
March 29, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0.343	0	0	0.585	0	0	0	0	0	0	0	0
March 29, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0.329	0	0	0.633	0	0	0	0	0	0	0	0
March 29, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0.521	0	0	0.448	0	0	0	0	0	0	0	0
March 29, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0.391	0	0	0.422	0	0	0	0	0	0	0	0
March 29, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0.473	0	0	0	0	0	0	0	0
March 29, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 29, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 29, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 29, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 29, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 29, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 29, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 29, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 29, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 29, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 29, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 30, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Appendix D**  
**Louisville MSD Flow Monitoring Data**  
**January 1, 2008 through March 31, 2008**

Date	Time	CSO #019	CSO #088	CSO #105	CSO #108	CSO #108	CSO #110	CSO #117	CSO #118	CSO #125	CSO #127	CSO #132	CSO #140	CSO #146	CSO #151	CSO #152	CSO #166	CSO #182	CSO #189	CSO #190	CSO #191	CSO #206	CSO #211
		Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
March 31, 2008	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 31, 2008	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix E - Acronyms

## Appendix E - Acronyms for Project WIN Quarterly Report

AAM	Advanced Asset Management
AAOV	Annual Average Overflow Volume
CD	Consent Decree
CMOM	Capacity Management Operations and Maintenance
CSO	Combined Sewer Overflow
CSS	Combined Sewer System
CSSA	Continuing Sewer System Assessment
DMR	Discharge Monitoring Report
eB	Enterprise Bridge (Spescom scanning software for document management)
EPA	Environmental Protection Agency
FM	Force Main
FOG	Fats, Oil & Grease
FY	Fiscal Year
GIS	Geographical Information System
I&FP	Infrastructure & Flood Protection (MSD Division)
ICA	Interceptor Condition Assessment
I&I	Inflow and Infiltration
IMS	Information Management System
ISSDP	Interim Sanitary Sewer Discharge Plan
IT	Information Technology
JCPS	Jefferson County Public Schools
KDEP	Kentucky Department of Environmental Protection
KPDES	Kentucky Pollutant Discharge Elimination System
LID	Low Impact Development
LIMS	Laboratory Information Management System
LTC	Long Term Control
MFWTP	Morris Forman Wastewater Treatment Plant
MSD	Metropolitan Sewer District (Louisville and Jefferson County)
NDD	Non Domestic Dischargers
NMC	Nine Minimum Controls
ORSANCO	Ohio River Valley Water Sanitation Commission
PS	Pump Station
PSC	Property Service Connection
RDII	Rainfall-Derived Infiltration and Inflow
RTC	Real Time Control
SIU	Significant Industrial User
SOP	Standard Operating Procedure
SORP	Sewer Overflow Response Protocol
SSDP	Sanitary Sewer Discharge Plan
SSO	Sanitary Sewer Overflow
SWOR2	Southwestern Outfall Relief - Phase 2
TM	Technical Memorandum
TMDL	Total Maximum Daily Load
UK	Universtiy of Kentucky
USACE	US Army Corps of Engineers
UIM	Utility Information Management
WIN	Waterway Improvements Now
WQT	Water Quality Tool
WTP	Wastewater Treatment Plant
WWT	Wet Weather Team