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July 29, 2011

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Subject: Quarterly Report Number 23  
Civil Action No. 3:08-cv-00608-CRS

Attention Chief:

Please find attached our Quarterly Report, prepared in accordance with Paragraph 29 of our Amended Consent Decree. This report is for the period April 1, 2011 – June 30, 2011. This report provides an overview of significant program elements, issues, and accomplishments pertaining to Consent Decree compliance activities. Included are sections on Project WIN activities related to: NMC, SORP, Discharge Abatement Plans, Public Outreach, Education, Notification and Participation, CMOM and Performance Overview.

I 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,

Brian Bingham.  
Regulatory Services Director

Q23 Certification KDEP 7-29-11  
cc: H. J. Schardein, Jr

Paula Purifoy

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*Beneficial Use of Louisville's Biosolids*  
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# Louisville and Jefferson County Wet Weather Consent Decree Quarterly Report #23



**Reporting Period:**

April 1, 2011 through June 30, 2011

**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:**

July 30, 2011

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**APPENDIX A-2 DISCHARGE WORK ORDERS-BYPASS**

**APPENDIX A-3 DISCHARGE WORK ORDERS-BLENDING**

**APPENDIX B-CSO FLOW MONITORING DATA**

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**APPENDIX D-APRIL RAIN EVENT REPORT**

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## INTRODUCTION

The Louisville and Jefferson County Metropolitan Sewer District (MSD) has entered into an Amended Consent Decree with the Kentucky Department of Environmental Protection (KDEP) and the United States Environmental Protection Agency (EPA). The Amended Consent Decree was signed by United States District Judge Simpson on April 10, 2009, and filed in United States District Court, Western Division of Kentucky, Louisville Division, on April 15, 2009.

This is the twenty-third Quarterly Report submitted in accordance with Paragraph 29 of the Amended Consent Decree. This report covers the time period from April 1, 2011, through June 30, 2011. **The structure for this report is outlined as follows:**

**Section 1: Program Activities for Nine Minimum Controls (NMC)** - This section describes the data collected for NMC 2 – Maximization of Storage in the Collection System, and NMC 4 – Maximization of Flow at the Morris Forman Water Quality Treatment Center (WQTC) that were active during the reporting period (April 1, 2011, through June 30, 2011).

**Section 2: Program Activities for Sewer Overflow Response Protocol (SORP)** - This section describes the training attendance records, overflow data, and overflow reconnaissance inspection routes related to SORP that were active during the reporting period (April 1, 2011, through June 30, 2011).

**Section 3: Program Activities for Discharge Abatement Plans (DAP)** - This section describes the schedule and status for projects related to the DAP by means of an updated Gantt chart for active DAP projects during the reporting period (April 1, 2011, through June 30, 2011), and the anticipated projects and activities that are scheduled to be performed during the next two reporting periods (July 1, 2011, through December 31, 2011), for continued compliance with the Amended Consent Decree.

**Section 4: Program Activities for Public Outreach, Education, Notification and Participation** - This section describes the activities related to public outreach that were active during the reporting period (April 1, 2011, through June 30, 2011).

**Section 5: Capacity Management, Operations and Maintenance Report** - The CMOM program activities and programmatic activities for WQTCs generating capital projects will be reported in a Gantt chart for the reporting period (April 1, 2011, through June 30, 2011), and include the schedule for activities planned for the next two reporting periods (July 1, 2011, through December 31, 2011), are included in this section for continued compliance with the Amended Consent Decree.

**Section 6: Performance Overview** - This section provides an accounting of unauthorized discharge occurrences 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 Combined Sewer Overflow (CSO) locations, identified in the Morris Forman Water Quality Treatment Center (WQTC) Kentucky Pollutant Discharge Elimination System (KPDES) permit, that are expected to result from MSD's projects and activities during the reporting period are also contained in this section.

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Performance information on Jeffersontown WQTC blending events, bypasses at WQTCs, DMR information, and phosphorous monitoring at WQTCs is included in this section.

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## SECTION 1: Program Activities for Nine Minimum Controls

### 1.1 Nine Minimum Controls Program Background

Per Paragraph 24.a. of the Amended 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.

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

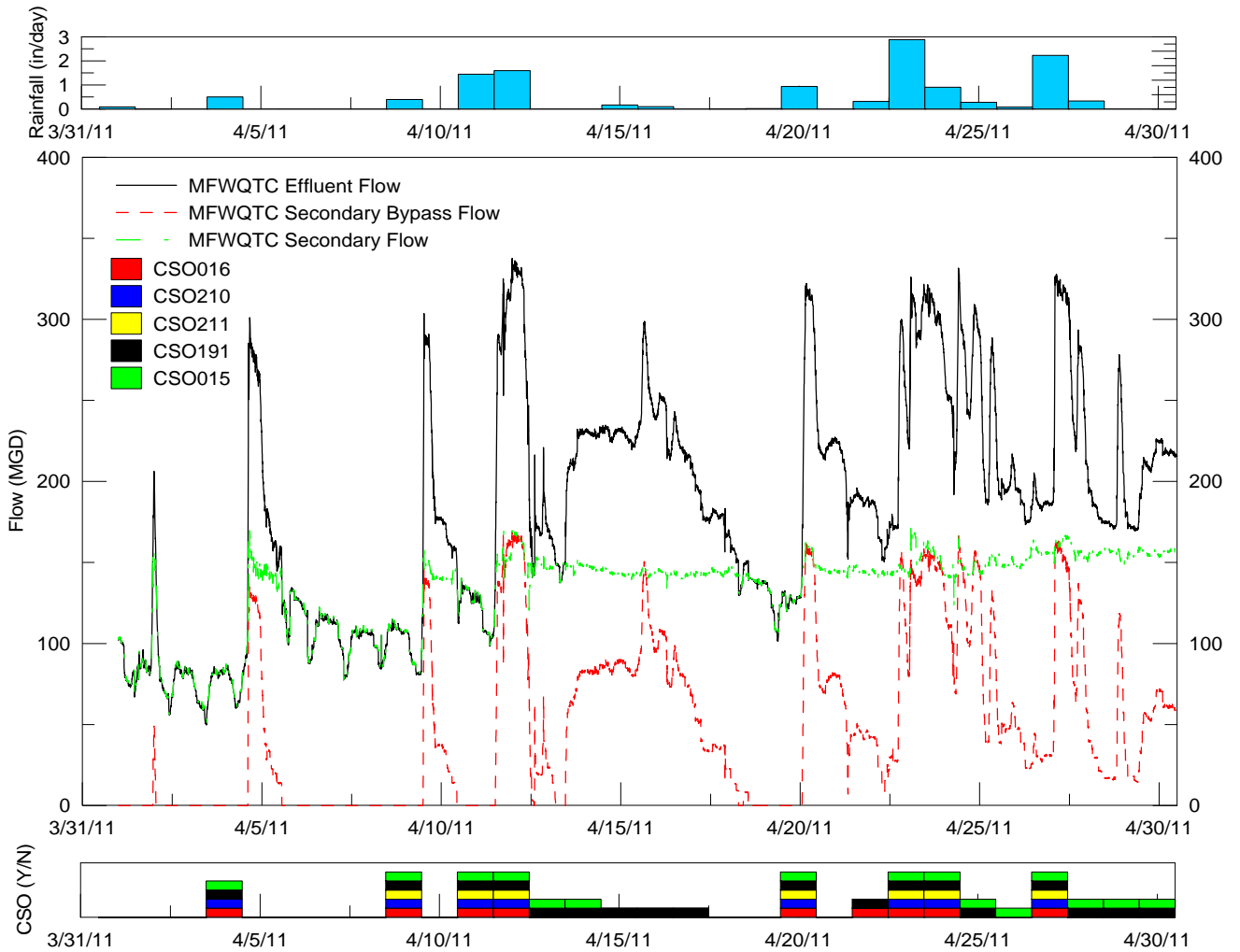
Continued operation of Phase 1 and Phase 2 of the Real Time Control system. During this reporting period, approximately 525.6 MG were stored in the system during rain events and routed to the Morris Forman WQTC once the system was able to handle the flow. See the figure at the end of this section for a detailed report.

### 1.3 NMC 4: Maximization of Flow at the Morris Forman Water Quality Treatment Center (WQTC)

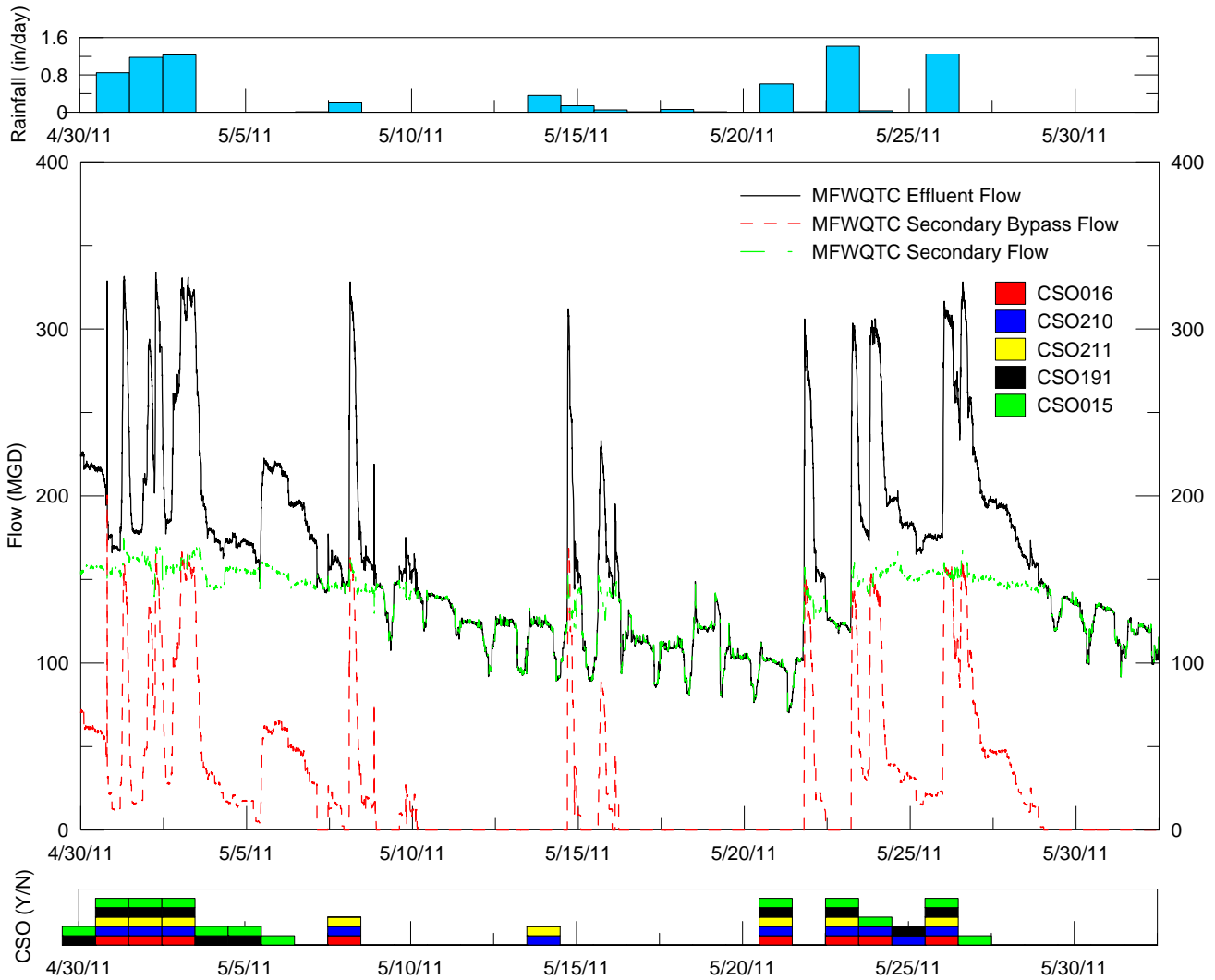
The following charts illustrate performance in maximizing flow to the Morris Forman WQTC. The top of the chart shows rainfall inches per day. The middle part of the chart shows Morris Forman WQTC effluent flow, secondary treatment flow, and secondary bypass flow. The bottom of the chart shows days with a CSO activation at the five CSOs in the vicinity of the Morris Forman WQTC (CSOs 015, 016, 191, 210, and 211). Note that the flow meter downstream from CSO 211 is known to be affected by backwater effects of the Ohio River, so CSO activations at CSO 211 were keyed to water levels in the Main Diversion Structure. During the month of April the Ohio River was high enough to also affect the flow meter on CSO 191. Since there is no other way to estimate the activations at CSO 191, the readings as indicated on the meter are shown on the charts. In May the meter at CSO 191 was replaced to make it less susceptible to backwater effects. The other CSO activations were tied to flow measurement downstream of the respective CSOs.

During June one of the primary sedimentation basins was taken out of service for repairs. The record rainfall in April and continued rains in early May resulted in high groundwater conditions that made dewatering and cleaning the sedimentation basin difficult, and resulted in a longer time out of service than would normally be expected. While actual repairs to the basin took approximately 2 weeks to complete, the sedimentation basin was out of service from June 1 through July 7 due to the difficulty in dewatering and cleaning prior to affecting repairs. With one sedimentation basin out of service, the peak flow capacity of the Morris Forman WQTC is 210 – 270 MGD, depending on sludge blanket depths. This is reflected in the reduced peak wet weather flows handled during June.

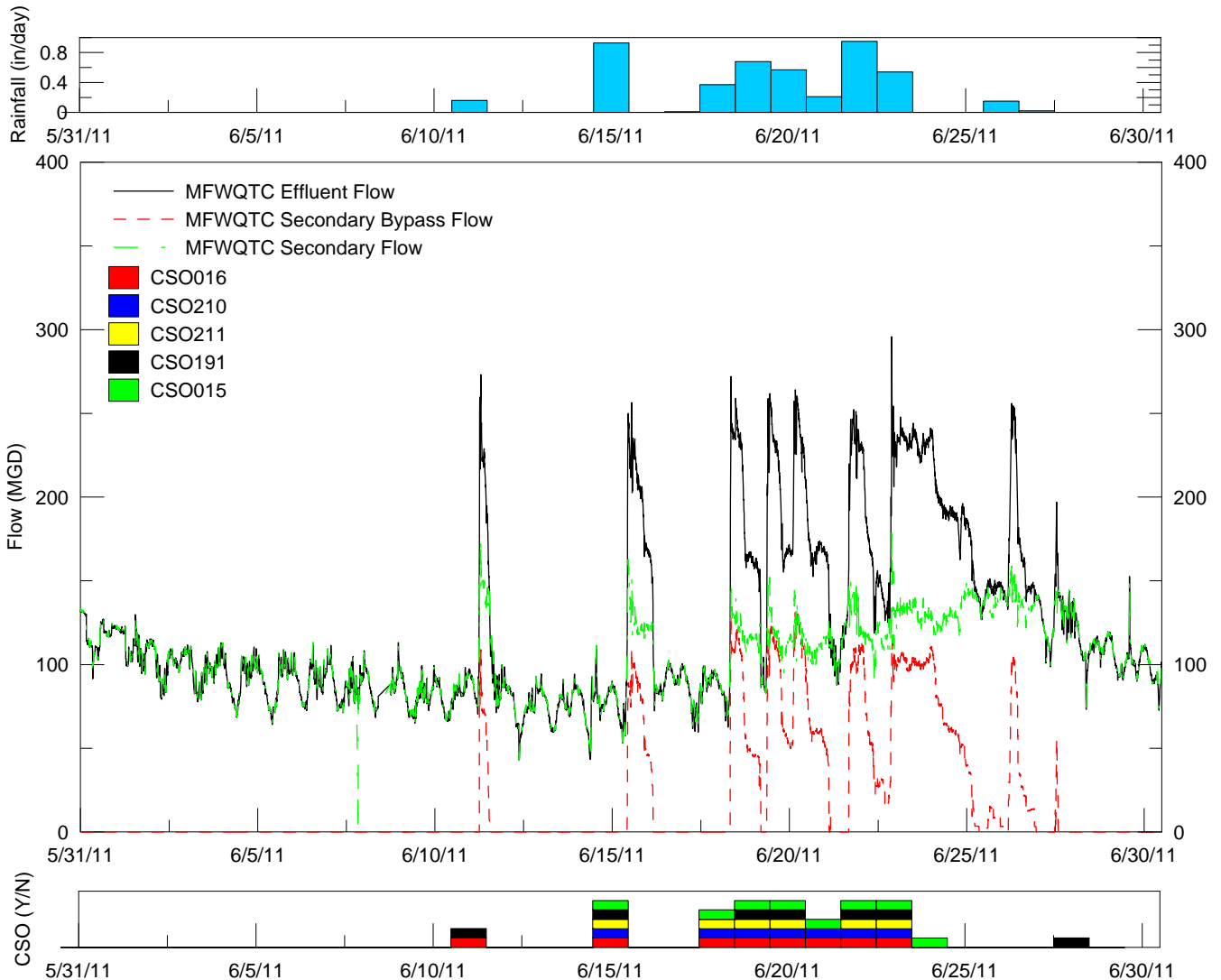




**Morris Forman WQTC Wet Weather Treatment Performance – April 2011**



**Morris Forman WQTC Wet Weather Treatment Performance – May 2011**



**Morris Forman WQTC Wet Weather Treatment Performance – June 2011**

There were no KPDES permit violations at Morris Forman WQTC during April, May, or June 2011.

During this reporting period, the following activities were completed:

- Main Diversion Structure Flow Measurement – Installed revised relationship for flow under the Main Diversion Structure Sluice Gate 1 in the control system. Monitored measurement accuracy over several storms and made minor corrections to the various constants. MSD will continue to monitor and refine this relationship, with the eventual goal of incorporating the Sluice Gate 1 into an automatic flow control system for the Morris Forman WQTC.

- Wet Weather Operational Plan – Reviewed draft of the Wet Weather Operations Plan report and related revisions to the Wet Weather Standard Operating Procedures. Revised plan and SOP in response to comments, and resubmitted for final review. In the next reporting period staff will be trained and the new SOPs will be put in place.
- RTC System-Wide Optimization Project – In response to review comments from MSD, selected three additional storms to compare the wet weather capture performance of the major strategy alternatives (global optimal predictive, global optimal, and global reactive) to establish benefits of the various strategies. Also completed an evaluation of active versus passive control for the I-64 and Grinstead storage basin. Completed draft of the benefit cost analysis of RTC control strategies alternatives and submitted to MSD for review. Due to additional evaluations and analyses resulting from the InfoWorks recalibration effort, the workshop to review the benefit cost evaluation has been scheduled for mid-July, 2011. It is anticipated that a draft final report will be completed by September 30, 2011.

Real Time Control Operations Detailed Report



Louisville/Jefferson County  
Metropolitan Sewer District



WET WEATHER STORAGE IN THE MORRIS FORMAN SEWER SYSTEM VIA GOP RTC

Period	
From :	04/01/2011
To :	06/30/2011

Event Number	Wet Weather Event			Rainfall			Wet Weather Storage Volume (MG)							High River Levels	Comments
	Start Date	End Date	Duration	Average* TRFD (in)	Max** TRFD (in)	Rain Gauge	SWPS SG Chamber	SWOR2	Brady Lake and Executive Inn Storage	Southern Outfall	Ohio River Interceptor	Sneads Branch	Total		
2011-024	04/04/2011 01:00	04/05/2011 13:20	36:20	1.02	1.58	TR15	16.2	10.9	2.3	3.7	3.8	2.5	39.3	No	
2011-025	04/09/2011 11:05	04/10/2011 10:40	23:35	0.60	0.80	TR15	17.1	5.8	2.2	3.7	3.2	2.5	34.5	No	
2011-026-027	04/11/2011 08:50	04/18/2011 11:50	171:00	4.09	5.41	TR15	17.9	11.9	7.1	6.4	4.3	2.5	50.0	Yes	Because of high river levels, many RTC sites were put in manual control during the event
2011-029	04/20/2011 00:25	04/21/2011 06:50	30:25	0.80	0.94	TR04	14.7	1.8	1.7	3.7	3.5	2.5	27.8	Yes	Because of high river levels, many RTC sites were put in manual control during the event
2011-030-032	04/22/2011 13:45	05/06/2011 20:25	342:40	10.90	12.05	TR15	16.4	3.1	0.2	36.1	24.1	2.5	82.3	Yes	Because of high river levels, many RTC sites were put in manual control during the event
2011-033	05/08/2011 01:20	05/08/2011 11:05	9:45	0.27	0.53	TR12	0.0	0.0	0.1	3.8	3.5	1.3	8.6	Yes	Because of high river levels, many RTC sites were put in manual control during the event
2011-035	05/14/2011 14:55	05/15/2011 02:50	11:55	0.18	0.40	TR11	13.6	4.7	0.4	3.7	2.7	1.4	26.4	No	
2011-038	05/21/2011 18:25	05/22/2011 12:35	18:10	0.57	0.99	TR14	9.5	1.4	2.1	0.0	0.0	2.5	15.4	Yes	Because of high river levels, many RTC sites were put in manual control during the event
2011-039-040	05/22/2011 15:35	05/28/2011 11:55	140:20	3.06	4.21	TR15	34.4	2.7	4.1	7.5	6.7	2.7	57.9	Yes	Because of high river levels, many RTC sites were put in manual control during the event
2011-041	06/10/2011 20:50	06/11/2011 13:45	16:55	0.23	0.54	TR11	5.7	4.6	0.8	3.4	4.1	0.5	19.0	No	
2011-042	06/15/2011 08:10	06/16/2011 03:45	19:35	0.88	1.33	TR05	17.1	5.0	4.2	3.8	4.1	2.5	36.6	No	
2011-043	06/17/2011 18:40	06/19/2011 04:30	33:50	0.85	1.51	TR14	13.7	4.7	3.6	0.0	0.0	2.5	24.5	No	
2011-044	06/19/2011 07:40	06/22/2011 10:40	75:00	1.39	2.14	TR14	27.2	21.8	4.8	6.2	7.6	2.5	70.1	No	Three consecutive storms with some dewatering between events
2011-045	06/22/2011 20:00	06/29/2011 06:15	154:15	2.38	3.20	TR14	19.9	0.0	0.6	4.5	5.9	2.5	33.4	No	Many sites in manual control because of equipment failure (gate position sensors at SWOR2)
<b>TOTAL</b>							<b>223.2</b>	<b>78.2</b>	<b>33.9</b>	<b>86.2</b>	<b>73.2</b>	<b>30.9</b>	<b>525.6</b>		

\* Average Total Rainfall Depth Based on Rain Gauge TR04, TR05, TR11, TR12, TR13, TR14 and TR15  
 \*\* Maximum Total Rainfall Depth Measurement and its Location during the Wet Weather Event



## SECTION 2: Program Activities for Sewer Overflow Response Protocol

### 2.1 SORP Program Background

Per Paragraph 24.d. of the Amended Consent Decree, MSD initially submitted the Sewer Overflow Response Protocol (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 most recent version is dated November 5, 2008, which received approval on January 14, 2009. 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.

### 2.2 Overflow Management and Field Documentation

- Monitored approximately 159 sanitary sewer overflow (SSO) sites, which have been grouped into routes based on the range of rainfall rates necessary to cause a 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. During this quarter, Regulatory Services and Engineering staff documented 192 unauthorized discharges. Inspection routes were run during rain events as described in the following table:

Route Description	4/11/11	4/23/11	5/2/11	5/23/11	5/26/11	6/23/11
RS Middle/Muddy Fork SSO Inspection Route	X	X	X	X	X	X
RS Jeffersontown/ Fern Creek SSO Inspection Route	X	X	X			X
RS Hikes Point SSO Inspection Route	X	X	X		X	X
Engineering Rain Event SSO Inspection Route	X	X				
RS JTown Siphon Inspection Route	X	X	X			X

- Due to Capacity related issues, during this reporting period, MSD Metro Operations staff hauled 4,726,251 gallons of sewage. MSD also hauled due to other issues as indicated in the chart below.

MSD Hauled Volumes (April 1, 2011 – June 30, 2011)				
	April	May	June	Total
CAPACITY	253,0150	1,344,700	548,801	4,423,651
MECHANICAL	0	13,100	1,200	14,300
OBSTRUCTION	0	0	75,000	75,000
POWER	11,700	145,200	35,400	192,300
STRUCTURAL	0	21,000	0	21,000
	2,541,850	1,524,000	660,401	4,726,251

### 2.3 Staff Training and Communication

- Reviewed and updated the training documentation for the 2011 second quarter SORP training that included control zones, mitigation and volume estimation.
- Commenced planning for the 2011 third quarter SORP training that will focus on overflow cleanup.
- Conducted the following SORP Quarterly training sessions which were attended by 289 employees.

Staff Training Participation- April 1, 2011 – June 30, 2011		
Division	Date	Number of Attendees
Morris Foreman Staff	6/1/2011	12
Morris Foreman Staff	6/1/2011	42
Metro Staff	6/1/2011	13
Morris Foreman Staff	6/2/2011	9
Morris Foreman Staff	6/2/2011	8
Metro Staff	6/2/2011	18
I&FP Staff	6/3/2011	12
Metro Staff	6/8/2011	30
Morris Foreman Staff	6/9/2011	19
I&FP Staff	6/10/2011	11
ENG/RS Staff	6/15/2011	50
Morris Foreman Staff	6/15/2011	8
ENG/RS Staff	6/22/2011	53
All - Make up session	6/24/2011	4

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## **SECTION 3: Program Activities for Discharge Abatement Plans**

### **3.1 Integrated Overflow Abatement Plan (IOAP)**

As a requirement of the Amended Consent Decree, per Paragraph 25, MSD 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 WQTC KPDES permit, and the improvement of water quality in the receiving waters.

The Final Sanitary Sewer Discharge Plan and the Final CSO Long Term Control Plan were submitted concurrently and certified on December 19, 2008, under the title of the Integrated Overflow Abatement Plan (IOAP). The IOAP was accepted by the Federal Court and incorporated by reference into the Amended Consent Decree by an Order signed February 12, 2010, that was entered into public record February 15, 2010.

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

The Sanitary Sewer Discharge Plan (SSDP) addresses the overflows and unauthorized discharges from the separate sanitary sewer system. Three separate plans have been submitted under this program as described below and outlined in Paragraph 25.a. of the Amended Consent Decree.

#### **3.2.1 Updated Sanitary Sewer Overflow Plan Implementation**

MSD prepared and submitted the Updated Sanitary Sewer Overflow Plan (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. Activities required under the Updated SSOP have been completed.

#### **3.2.2 Interim Sanitary Sewer Discharge Plan**

MSD submitted for approval an Interim Sanitary Sewer Discharge Plan (ISSDP) on September 30, 2007. Comments were received on January 8, 2008. MSD resubmitted the revised ISSDP on March 7, 2008, and received an approval letter for the ISSDP on July 24, 2008. The approved ISSDP document can be viewed on the MSD Project WIN website [www.msdlouky.org/projectwin](http://www.msdlouky.org/projectwin).

#### **3.2.3 Final Sanitary Sewer Discharge Plan**

MSD submitted for approval a Final Sanitary Sewer Discharge Plan (SSDP) on December 19, 2008, as Volume 3 of the Integrated Overflow Abatement Plan (IOAP). The IOAP was accepted by the Federal Court and incorporated by reference into the Amended Consent Decree by an Order signed February 12, 2010, that was entered into public record February 15, 2010.



### **3.3 CSO Long Term Control Plan**

The CSO Long Term Control Plan (LTCP) addresses the overflows and unauthorized discharges from the CSS. Two separate plans have been submitted under this program as described below and outlined in Paragraph 25.b. of the Amended Consent Decree.

#### **3.3.1 Interim CSO 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. All projects associated with this plan have been completed.

#### **3.3.2 Final CSO Long Term Control Plan**

MSD submitted for approval the Final CSO LTCP on December 19, 2008, as Volume 2 of the Integrated Overflow Abatement Plan (IOAP). The IOAP was accepted by the Federal Court and incorporated by reference into the Amended Consent Decree by an Order signed February 12, 2010, that was entered into public record February 15, 2010.

#### **3.3.3 Green Demonstration Project Update**

The Final CSO Long Term Control Plan (Volume 2 of the IOAP) included 19 green demonstration projects with schedules for completion in 2010, and 2011. Five demonstration projects were outlined as “dry well” technologies. Throughout the course of 2011, MSD has engaged EPA Underground Injection Control (UIC) in discussions on the level of permitting required for this technology type. Due to the need to develop pilot project areas to examine the short and long term effects of storm water injection into the aquifer under the CSS, an extensive amount of study will need to be performed prior to the issuance of permits or a streamlined permitting process. This process to collect data on pilot areas will make the construction of the five demonstration dry well projects impossible to accomplish prior to December 31, 2011. The following demonstration project alternatives are proposed to replace the five dry well demonstration projects:

CERTIFICATION DATES FOR IOAP PROJECTS				
(Sorted By ACD Certification Date)				
Budget ID	ACD Project Number	IOAP (September 30, 2009) Project Name	Proposed Green Demonstration Project Location (July 30, 2011)	ACD Date
H09444	L_OR_MF_191_S_12_A_A	I-264 and Gibson Dry Well	University of Louisville - Grawemayer Hall Green Parking Lot	31-Dec-11
H09442	L_OR_MF_189_S_12_A	I-264 Off-Ramp Dry Well	Speed Art Museum - Infiltration Trench	31-Dec-11
H09443	L_OR_MF_019_S_12_A	I-264 On-Ramp Dry Well	East Washington Street at Adams Street Green Street	31-Dec-11
H09446	L_OR_MF_191_S_12_A_B	JFK Montessori Area Dry Well	3 <sup>rd</sup> Street Ventures (3 <sup>rd</sup> Street & Cardinal Blvd)	31-Dec-11
H09445	L_OR_MF_191_S_12_A_C	Russell Lee Drive Dry Well	Wilson Crossings - Green Parking Lot	31-Dec-11
TBD	ADD. RAIN GARDEN PROJECT	TBD	German/Paristown - Green Street/Rain Garden	31-Dec-11
H11044	ADD. RAIN GARDEN PROJECT	TBD	Bardstown Rd Presbyterian Church Green Parking Lot	31-Dec-11

The following table shows the technologies being utilized at the proposed alternative green demonstration projects:

Proposed Green Demonstration Project Location (July 30, 2011)	Technology Components
University of Louisville - Grawemayer Hall Green Parking Lot	Pervious pavers, pervious concrete
Speed Art Museum - Infiltration Trench	Infiltration trench/gallery
East Washington Street at Adams Street Green Street	Tree boxes, pervious pavers, sidewalk infiltration trenches
3 <sup>rd</sup> Street Ventures (3 <sup>rd</sup> Street & Cardinal Blvd)	Tree boxes, pervious pavers, sidewalk infiltration trenches, green roofs
Wilson Crossings - Green Parking Lot	Infiltration trench/gallery, pervious pavers, bioswale, rain garden
German/Paristown - Green Street/Rain Garden	Rain garden (street runoff)
Bardstown Rd Presbyterian Church Green Parking Lot	Pervious pavers, pervious concrete, bioswale, rain garden

### 3.4 Activity Progress Chart

A Gantt chart showing the progress of the above activities performed during this reporting period, or planned activities for the next two periods is located at the end of this section. The chart is formatted to follow the outline of the project schedule in the IOAP (Refer to IOAP, Volume 1 – Figure 6.3.1). Note that the schedule may show completion dates that are earlier than the dates contained in Figure 6.3.1. These early completion dates represent targets for MSD’s project management use, but do not represent a change in schedule commitments. The dates in the approved IOAP, SSDP, ISSDP, and LTCP remain the committed dates for completion of the suite of projects.

MSD Final Integrated Overflow Abatement Plan Implementation Schedule (01 March 2011 - 31 December 2011)

ACD Project Number	Activity Name	At Completion Duration	Physical % Complete	Finish	IOAP Finish Date	2011												
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
<b>Long Term Control Plan</b>																		
<b>Green Demonstration Projects</b>																		
<b>ADDITIONAL RAIN GARDEN 3</b>																		
	ADDITIONAL RAIN GARDEN PROJECT	GI ADD'L RAIN GARDENS PH 2 FY11 - PLANNING	366.0	75%	01-Jul-11	31-Dec-11	[Gantt bar: Mar to Jul]											
<b>GREEN INFRASTRUCTURE PROGRAM</b>																		
	MULTIPLE	FY11 GREEN INFRASTRUCTURE PROJECTS - CONSTRUCTION	792.0	50%	30-Aug-12	31-Dec-20	[Gantt bar: Mar to Dec]											
	MULTIPLE	FY12 GREEN INFRASTRUCTURE PROJECTS - CONSTRUCTION	397.0	0%	31-Jul-12	31-Dec-20	[Gantt bar: Jul to Dec]											
<b>I-264 AND GIBSON DRY WELL</b>																		
	L_OR_MF_191_S_12_A_A	GI I-264 & GIBSON DRY WELL - PLANNING	366.0	75%	01-Jul-11	31-Dec-11	[Gantt bar: Mar to Jul]											
	L_OR_MF_191_S_12_A_A	GI I-264 & GIBSON DRY WELL - CD CERTIFY	0.0	0%	31-Jul-11*	31-Dec-11	[Milestone: Jul]											
<b>I-264 OFF-RAMP DRY WELL</b>																		
	L_OR_MF_189_S_12_A	GI I-264 OFF-RAMP DRY WELL - PLANNING	366.0	75%	01-Jul-11	31-Dec-11	[Gantt bar: Mar to Jul]											
	L_OR_MF_189_S_12_A	GI I-264 OFF-RAMP DRY WELL - CD CERTIFY	0.0	0%	31-Jul-11*	31-Dec-11	[Milestone: Jul]											
<b>I-264 ON-RAMP DRY WELL</b>																		
	L_OR_MF_019_S_12_A	GI I-264 ON-RAMP DRY WELL - PLANNING	366.0	75%	01-Jul-11	31-Dec-11	[Gantt bar: Mar to Jul]											
	L_OR_MF_019_S_12_A	GI I-264 ON-RAMP DRY WELL - CD CERTIFY	0.0	0%	31-Jul-11*	31-Dec-11	[Milestone: Jul]											
<b>JFK MONTESSORI AREA DRY WELL</b>																		
	L_OR_MF_191_S_12_A_B	GI JFK MONTESSORI AREA DRY WELL - PLANNING	366.0	75%	01-Jul-11	31-Dec-11	[Gantt bar: Mar to Jul]											
	L_OR_MF_191_S_12_A_B	GI JFK MONTESSORI AREA DRY WELL - CD CERTIFY	0.0	0%	31-Jul-11*	31-Dec-11	[Milestone: Jul]											
<b>RUSSELL LEE DRIVE DRY WELL</b>																		
	L_OR_MF_191_S_12_A_C	GI RUSSELL LEE DRIVE DRY WELL - PLANNING	366.0	75%	01-Jul-11	31-Dec-11	[Gantt bar: Mar to Jul]											
	L_OR_MF_191_S_12_A_C	GI RUSSELL LEE DRIVE DRY WELL - CD CERTIFY	0.0	0%	31-Jul-11*	31-Dec-11	[Milestone: Jul]											
<b>Gray Infrastructure Projects</b>																		
<b>ADAMS STREET STORAGE BASIN</b>																		
	L_OR_MF_172_S_09B_B_A_0	ADAMS STREET STORAGE BASIN - DESIGN	328.0	10%	24-Nov-11	31-Dec-12	[Gantt bar: Mar to Dec]											
	L_OR_MF_172_S_09B_B_A_0	ADAMS STREET STORAGE BASIN - EASEMENT	179.0	0%	21-Feb-12	31-Dec-12	[Gantt bar: Sep to Dec]											
<b>CSO 123 DOWNSPOUT DISCONNECTION</b>																		
	L_MI_MF_123_S_08_A_A_0	DOWNSPOUT DISCONNECT CSO 123 - DESIGN	914.0	30%	30-Dec-12	31-Dec-12	[Gantt bar: Mar to Dec]											
<b>CSO 058 SEWER SEPARATION</b>																		
	L_OR_MF_058_S_08_A_A_0	CSO 58 SEWER SEPARATION - DESIGN	359.0	5%	24-Nov-11	31-Dec-14	[Gantt bar: Mar to Dec]											
	L_OR_MF_058_S_08_A_A_0	CSO 58 SEWER SEPARATION - EASEMENT	89.0	0%	23-Nov-11	31-Dec-14	[Gantt bar: Sep to Dec]											
	L_OR_MF_058_S_08_A_A_0	CSO 58 SEWER SEPARATION - AD DATE	0.0	0%		31-Dec-14	[Milestone: Dec]											
	L_OR_MF_058_S_08_A_A_0	CSO 58 SEWER SEPARATION - CONSTRUCTION	364.0	0%	25-Dec-12		[Gantt bar: Dec to Dec]											
<b>CSO 093 SEWER SEPARATION</b>																		
	L_SO_MF_093_S_08_A_A_0	CSO 93 SEWER SEPARATION - DESIGN	269.0	5%	09-Mar-12	31-Dec-15	[Gantt bar: Jun to Dec]											
<b>CSO 140 SEWER SEPARATION</b>																		
	L_MI_MF_140_S_08_A_A_0	CSO 140 SEWER SEPARATION - DESIGN	364.0	0%	28-Jun-12	31-Dec-15	[Gantt bar: Jun to Dec]											
<b>CSO 160 SEWER SEPARATION</b>																		
	L_OR_MF_160_S_08_A_A_0	CSO 160 SEWER SEPARATION - DESIGN	269.0	5%	09-Mar-12	31-Dec-15	[Gantt bar: Jun to Dec]											
<b>CSO 206 SEWER SEPARATION</b>																		
	L_MI_MF_206_S_08_A_A_0	CSO 206 SEWER SEPARATION - CONSTRUCTION	1644.0	25%	30-Dec-13	30-Dec-13	[Gantt bar: Mar to Dec]											
	L_MI_MF_206_S_08_A_A_0	CSO 206 SEWER SEPARATION - DESIGN	890.6	50%	15-Jan-12	30-Dec-13	[Gantt bar: Mar to Dec]											
	L_MI_MF_206_S_08_A_A_0	CSO 206 SEWER SEPARATION - EASEMENT	179.0	0%	13-Apr-12	30-Dec-13	[Gantt bar: Oct to Dec]											
<b>I-64 AND GRINSTEAD DRIVE STORAGE BASIN</b>																		
	L_MI_MF_127_M_09B_B_A_8	I-64 & GRINSTEAD STORAGE BASIN - DESIGN 30% COMPLETE	183.0	0%	30-Dec-11	31-Dec-14	[Gantt bar: Jul to Dec]											
<b>LOGAN STREET AND BRECKENRIDGE ST STORAGE BASIN</b>																		
	L_SO_MF_092_M_09B_B_D_8	LOGAN ST & BRECKENRIDGE ST STORAGE BASIN - DESIGN	941.0	10%	02-Dec-11	31-Dec-17	[Gantt bar: Mar to Dec]											

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ACD Project Number	Activity Name	At Completion Duration	Physical % Complete	Finish	IOAP Finish Date	2011											
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
L_SO_MF_092_M_09B_B_D_8	LOGAN ST STOR BASIN-PRELIM DESING & PRMT	578.0	50%	01-Aug-11	31-Dec-17	[Gantt bar: Mar-Jul]											
L_SO_MF_092_M_09B_B_D_8	LOGAN ST & BRECKENRIDGE ST STORAGE BASIN - EASEMENT	364.0	0%	01-Sep-12	31-Dec-17	[Gantt bar: Sep-Dec]											
<b>PADDY'S RUN WET WEATHER TREATMENT FACILITY</b>						[Gantt bar: Mar-Jul]											
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - PRELIMINARY SITE CHARACT	180.0	90%	30-Jul-11	31-Dec-14	[Gantt bar: Mar-Jul]											
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - PRELIM DESIGN REPORT	180.0	30%	31-Jul-11	31-Dec-14	[Gantt bar: Mar-Jul]											
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - EASEMENT	364.0	10%	27-Feb-12	31-Dec-14	[Gantt bar: Mar-Jul]											
L_OR_MF_015_M_13_B_B_8	PADDY'S RUN WW TREATMENT FACILITY - FINAL PRELIMINARY DESIGN...	93.0	0%	01-Oct-11	31-Dec-14	[Gantt bar: Jul-Sep]											
<b>STORY AVENUE AND MAIN STREET STORAGE BASIN</b>						[Gantt bar: Mar-Jul]											
L_OR_MF_020_S_09B_B_A_8	STORY AVE & MAIN ST STORAGE BASIN- COMPLETE ALTERNATIVE STU...	181.0	10%	31-Jul-11	31-Dec-13	[Gantt bar: Mar-Jul]											
L_OR_MF_020_S_09B_B_A_8	STORY AVE & MAIN ST STORAGE BASIN- DESIGN	184.0	0%	31-Dec-11	31-Dec-13	[Gantt bar: Jul-Sep]											
L_OR_MF_020_S_09B_B_A_8	STORY AVE & MAIN ST STORAGE BASIN- COMPLETE REPORT AND SEL...	0.0	0%	01-Aug-11	31-Dec-13	[Gantt bar: Jul-Sep]											
L_OR_MF_020_S_09B_B_A_8	STORY AVE & MAIN ST STORAGE BASIN - EASEMENT	179.0	0%	29-Mar-12	31-Dec-13	[Gantt bar: Oct-Dec]											
<b>Flood Pump Station Projects</b>						[Gantt bar: Mar-Jul]											
<b>4TH STREET FLOOD PUMP STATION</b>						[Gantt bar: Mar-Jul]											
L_OR_MF_022_M_03_A_A	4TH ST FPS DWO ELIMINATION - CONSTRUCTION	442.0	20%	18-Apr-12	31-Dec-12	[Gantt bar: Mar-Jul]											
<b>17TH STREET FLOOD PUMP STATION</b>						[Gantt bar: Oct-Dec]											
L_OR_MF_190_S_03_A_A	17TH ST FPS DWO ELIMINATION - DESIGN	269.0	0%	03-Jul-12	31-Dec-14	[Gantt bar: Oct-Dec]											
<b>27TH STREET FLOOD PUMP STATION</b>						[Gantt bar: Mar-Jul]											
L_OR_MF_019_S_03_A_A	27TH ST FPS DWO ELIMINATION - DESIGN	250.0	20%	26-Aug-11	30-Jun-13	[Gantt bar: Mar-Jul]											
<b>34TH STREET FLOOD PUMP STATION</b>						[Gantt bar: Mar-Jul]											
L_OR_MF_019_S_03_A_B	34TH ST FPS DWO ELIMINATION - CONSTRUCTION	426.0	20%	15-Apr-12	31-Dec-12	[Gantt bar: Mar-Jul]											
<b>SHAWNEE FLOOD PUMP STATION</b>						[Gantt bar: Mar-Jul]											
L_OR_MF_189_M_03_A_A	SHAWNEE FPS DWO ELIMINATION - DESIGN	250.0	20%	26-Aug-11	30-Jun-13	[Gantt bar: Mar-Jul]											
L_OR_MF_189_M_03_A_A	SHAWNEE FPS DWO ELIMINATION - PROJECT MANAGEMENT AND COO...	179.0	0%	21-Feb-12	30-Jun-13	[Gantt bar: Aug-Sep]											
L_OR_MF_189_M_03_A_A	SHAWNEE FPS DWO ELIMINATION - AD DATE	0.0	0%	08-Nov-11	30-Jun-13	[Milestone: Oct]											
L_OR_MF_189_M_03_A_A	SHAWNEE FPS DWO ELIMINATION - BID OPEN	0.0	0%	08-Nov-11	30-Jun-13	[Milestone: Nov]											
L_OR_MF_189_M_03_A_A	SHAWNEE FPS DWO ELIMINATION - AWARD	0.0	0%	29-Nov-11	30-Jun-13	[Milestone: Dec]											
L_OR_MF_189_M_03_A_A	SHAWNEE FPS DWO ELIMINATION - CONSTRUCTION	269.0	0%	14-Sep-12	30-Jun-13	[Gantt bar: Oct-Dec]											
<b>Sanitary Sewer Discharge Plan</b>						[Gantt bar: Mar-Jul]											
<b>Floyds Fork Area</b>						[Gantt bar: Mar-Jul]											
<b>EDEN CARE PS SSO INVESTIGATION</b>						[Gantt bar: Mar-Jul]											
S_FF_FF_NB02_S_13_C	EDEN CARE PUMP STATION ILS - SSES	369.0	100%	30-Apr-11 A	31-Dec-12	[Gantt bar: Mar-Jul]											
S_FF_FF_NB02_S_13_C	EDEN CARE PUMP STATION ILS - AD DATE	0.0	0%	01-Sep-11	31-Dec-12	[Milestone: Aug]											
S_FF_FF_NB02_S_13_C	EDEN CARE PUMP STATION ILS - BID OPEN	0.0	0%	01-Sep-11	31-Dec-12	[Milestone: Sep]											
S_FF_FF_NB02_S_13_C	EDEN CARE PUMP STATION ILS - AWARD	0.0	0%	01-Oct-11	31-Dec-12	[Milestone: Oct]											
S_FF_FF_NB02_S_13_C	EDEN CARE PS SSO INVESTIGATION - AS-BUILTS	0.0	0%	22-Oct-11	31-Dec-12	[Milestone: Nov]											
S_FF_FF_NB02_S_13_C	EDEN CARE PUMP STATION ILS - CONSTRUCTION	190.0	0%	29-Apr-12	31-Dec-12	[Gantt bar: Oct-Dec]											
<b>Jeffersontown Area</b>						[Gantt bar: Mar-Jul]											
<b>JEFFERSONTOWN WQTC ELIMINATION</b>						[Gantt bar: Mar-Jul]											
<b>BILLTOWN ROAD PS</b>						[Gantt bar: Mar-Jul]											
S_JT_JT_NB01_M_01_C_A	BILLTOWN RD PS FM & INT - FINAL DESIGN	426.0	100%	30-Apr-11 A	31-Dec-15	[Gantt bar: Mar-Jul]											
S_JT_JT_NB01_M_01_C_A	BILLTOWN ROAD P.S.,F.M. & INT - EASEMENTS	488.0	95%	15-Jul-11	31-Dec-15	[Gantt bar: Mar-Jul]											
S_JT_JT_NB01_M_01_C_A	BILLTOWN ROAD P.S.,F.M. & INT - BID OPEN	0.0	100%	25-Mar-11 A	31-Dec-15	[Milestone: Apr]											
S_JT_JT_NB01_M_01_C_A	BILLTOWN ROAD P.S.,F.M. & INT - AWARD	0.0	100%	10-Apr-11 A	31-Dec-15	[Milestone: May]											
S_JT_JT_NB01_M_01_C_A	BILLTOWN RD PS FM & INT - 100% PLAN SUBMITTAL	0.0	100%	01-May-11 A	31-Dec-15	[Milestone: Jun]											
S_JT_JT_NB01_M_01_C_A	BILLTOWN RD PS FM & INT - BIDDING ASSISTANCE	0.0	100%	02-May-11 A	31-Dec-15	[Milestone: Jul]											
S_JT_JT_NB01_M_01_C_A	BILLTOWN ROAD P.S.,F.M., & INT - CONSTRUCTION	342.0	0%	06-Jun-12	31-Dec-15	[Gantt bar: Aug-Sep]											

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ACD Project Number	Activity Name	At Completion Duration	Physical % Complete	Finish	IOAP Finish Date	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
S_JT_JT_NB01_M_01_C_A	BILLTOWN ROAD P.S.,F.M. & INT - NTP	0.0	0%	01-Jul-11*	31-Dec-15					◆								
S_JT_JT_NB01_M_01_C_A	BILLTOWN ROAD P.S.,F.M. & INT - ROE/CONDEMN	19.0	0%	03-Aug-11	31-Dec-15													
S_JT_JT_NB01_M_01_C_A	BILLTOWN PS PLAN REVISIONS	0.0	0%	01-Oct-11	31-Dec-15													
<b>CHENOWETH HILLS PS ELIMINATION</b>		<b>422.0</b>		<b>26-Aug-11</b>	<b>31-Dec-15</b>													
S_JT_JT_NB01_M_01_C_A	CHENOWETH RUN INTERCEPTOR SEC. 2 - DESIGN	422.0	95%	26-Aug-11	31-Dec-15													
<b>CHENOWETH HILLS WQTC ELIMINATION &amp; PS IMPROVEMENTS</b>		<b>402.0</b>		<b>07-Oct-11</b>	<b>31-Dec-15</b>													
S_JT_JT_NB01_M_01_C_A	CHEN HILLS WWTP ELIMINATION & PUMP STATION ELIMINATION- PLAN...	366.0	50%	01-Sep-11	31-Dec-15													
S_JT_JT_NB01_M_01_C_A	CHEN HILLS WWTP ELIMINATION & PUMP STATION ELIMINATION - DESI...	221.0	20%	07-Oct-11	31-Dec-15													
<b>JEFFERSON FORCE MAIN</b>		<b>854.0</b>		<b>01-Jan-13</b>	<b>31-Dec-15</b>													
S_JT_JT_NB01_M_01_C_A	GRAND AVE PS - DESIGN	854.0	20%	01-Jan-13	31-Dec-15													
<b>JEFFERSONTOWN WQTC ELIMINATION</b>		<b>1493.0</b>		<b>01-Aug-14</b>	<b>31-Dec-15</b>													
S_JT_JT_NB01_M_01_C_A	JEFFERSONTOWN TP ELIMINATION - DESIGN	1493.0	10%	01-Aug-14	31-Dec-15													
S_JT_JT_NB01_M_01_C_A	JEFFERSONTOWN TP ELIMINATION - PLANNING	300.0	50%	26-Sep-11	31-Dec-15													
S_JT_JT_NB01_M_01_C_A	JEFFERSONTOWN TP ELIMINATION - AD DATE	0.0	0%		31-Dec-15													
<b>KLONDIKE INTERCEPTOR</b>		<b>548.0</b>		<b>01-Mar-12</b>	<b>31-Dec-15</b>													
S_JT_JT_NB01_M_01_C_A	KLONDIKE INTERCEPTOR - DESIGN	548.0	30%	01-Mar-12	31-Dec-15													
<b>UPPER BILLTOWN ROAD INTERCEPTOR</b>		<b>915.0</b>		<b>31-Dec-12</b>	<b>31-Dec-15</b>													
S_JT_JT_NB01_M_01_C_A	UPPER BILLTOWN ROAD INTERCEPTOR-DESIGN	915.0	30%	31-Dec-12	31-Dec-15													
<b>Beargrass Creek Middle Fork Area</b>		<b>1020.0</b>		<b>06-Nov-13</b>	<b>31-Dec-16</b>													
<b>ANCHOR ESTATES- VANNAH PS ELIMINATION</b>		<b>364.0</b>		<b>11-Sep-12</b>	<b>31-Dec-16</b>													
S_MI_MF_NB06_M_01_A_A - 2	ANCHOR ESTATES ILS & PS ELIMINATION - DESIGN	364.0	0%	11-Sep-12	31-Dec-16													
<b>HURSTBOURNE I&amp;I INVESTIGATION &amp; REHABILITATION</b>		<b>185.0</b>		<b>30-Dec-11</b>	<b>31-Dec-11</b>													
S_MI_MF_NB07_S_07_C	HURSTBOURNE I&I INVEST & REHAB - AD DATE	0.0	100%	29-Jun-11 A	31-Dec-11													
S_MI_MF_NB07_S_07_C	HURSTBOURNE I&I INVEST & REHAB - BID OPEN	0.0	0%	26-Jul-11*	31-Dec-11													
S_MI_MF_NB07_S_07_C	HURSTBOURNE I&I INVEST & REHAB - AWARD	0.0	0%	08-Aug-11*	31-Dec-11													
S_MI_MF_NB07_S_07_C	HURSTBOURNE I&I INVEST & REHAB - CONSTR	114.0	0%	30-Nov-11	31-Dec-11													
S_MI_MF_NB07_S_07_C	HURSTBOURNE I&I INVEST & REHAB - SUBST COMP	0.0	0%	30-Nov-11*	31-Dec-11													
S_MI_MF_NB07_S_07_C	HURSTBOURNE I&I INVEST & REHAB - CD CERTIFY	0.0	0%	30-Dec-11*	31-Dec-11													
<b>UMF #1 - BUECHEL BASIN</b>		<b>1020.0</b>		<b>06-Nov-13</b>	<b>31-Dec-13</b>													
S_MISF_MF_NB01_M_01_C_A1	BUECHEL BASIN 100% DESIGN	68.0	100%	31-Mar-11 A	31-Dec-13													
S_MISF_MF_NB01_M_01_C_A1	BUECHEL BASIN ASSISTANCE DURING BIDDING	0.0	0%	01-Jul-11	31-Dec-13													
S_MISF_MF_NB01_M_01_C_A1	BUECHEL SURGE BASIN - AD DATE	0.0	0%		31-Dec-13													
S_MISF_MF_NB01_M_01_C_A1	BUECHEL SURGE BASIN - BID OPEN	0.0	0%	05-Oct-11*	31-Dec-13													
S_MISF_MF_NB01_M_01_C_A1	BUECHEL SURGE BASIN - AWARD	0.0	0%	03-Nov-11	31-Dec-13													
S_MISF_MF_NB01_M_01_C_A1	BUECHEL SURGE BASIN - CONSTRUCTION	729.0	0%	06-Nov-13	31-Dec-13													
<b>Southeastern Diversion Area</b>		<b>576.0</b>		<b>30-Jul-11</b>	<b>30-Jun-11</b>													
<b>PARKVIEW ESTATES I/I INVESTIGATION &amp; REHABILITATION</b>		<b>576.0</b>		<b>30-Jul-11</b>	<b>30-Jun-11</b>													
S_SD_MF_NB03_S_07_C	PARKVIEW ESTATES I&I INVESTIGATION - DESIGN	454.0	100%	31-Mar-11 A	30-Jun-11													
S_SD_MF_NB03_S_07_C	PARKVIEW ESTATES I&I INVESTIGATION - AD DATE	0.0	100%		30-Jun-11													
S_SD_MF_NB03_S_07_C	PARKVIEW ESTATES I&I INVESTIGATION - BID OPEN	0.0	100%	01-Jun-11 A	30-Jun-11													
S_SD_MF_NB03_S_07_C	PARKVIEW ESTATES I&I INVESTIGATION - AWARD	0.0	100%	01-Jun-11 A	30-Jun-11													
S_SD_MF_NB03_S_07_C	PARKVIEW ESTATES I&I INVESTIGATION - CONSTRUCTION	60.0	95%	30-Jul-11	30-Jun-11													
S_SD_MF_NB03_S_07_C	PARKVIEW ESTATES I&I INVESTIGATION - SUBSTANTIALLY COMPLETE	0.0	100%	28-Jun-11 A	30-Jun-11													
S_SD_MF_NB03_S_07_C	PARKVIEW ESTATES I&I INVESTIGATION - CD CERTIFICATION	0.0	100%	28-Jun-11 A	30-Jun-11													
<b>Pond Creek Area</b>		<b>1645.0</b>		<b>31-Jan-12</b>	<b>31-Dec-24</b>													
<b>CHARLESWOOD INTERCEPTOR EXTENSION</b>		<b>1338.0</b>		<b>31-Mar-11 A</b>	<b>31-Dec-22</b>													
S_PO_WC_PC03_M_01_C	CHARLESWOOD SUBD. INT. #23 - EASEMENTS	1338.0	100%	31-Mar-11 A	31-Dec-22													
<b>EDSEL PS I/I INVESTIGATION &amp; REHABILITATION</b>		<b>115.0</b>		<b>30-Sep-11</b>	<b>30-Sep-11</b>													

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ACD Project Number	Activity Name	At Completion Duration	Physical % Complete	Finish	IOAP Finish Date	2011											
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
S_PO_WC_PC11_M_07_C	EDSEL PUMP STATION I&I INVESTIGATION- AD DATE	0.0	100%		30-Sep-11				◆								
S_PO_WC_PC11_M_07_C	EDSEL PUMP STATION I&I INVESTIGATION - BID OPEN	0.0	100%	22-Jun-11 A	30-Sep-11				◆								
S_PO_WC_PC11_M_07_C	EDSEL PUMP STATION I&I INVESTIGATION - NTP	0.0	0%		30-Sep-11					◆							
S_PO_WC_PC11_M_07_C	EDSEL PUMP STATION I&I INVESTIGATION - AWARD	0.0	0%	11-Jul-11*	30-Sep-11					◆							
S_PO_WC_PC11_M_07_C	EDSEL PUMP STATION I&I INVESTIGATION - CONSTRUCTION	60.0	0%	30-Sep-11	30-Sep-11												
S_PO_WC_PC11_M_07_C	EDSEL PUMP STATION I&I INVESTIGATION - SUBSTANTIALLY COMPLETE	0.0	0%	28-Aug-11*	30-Sep-11							◆					
<b>GOVERNMENT CENTER PS ELIMINATION</b>		<b>207.0</b>		<b>01-Jul-11</b>	<b>31-Dec-24</b>												
S_PO_WC_PC06_M_01_C	GOVERNMENT CENTER PS WW STORAGE - CONSTRUCTION	206.0	100%	30-Jun-11 A	31-Dec-24												
S_PO_WC_PC06_M_01_C	GOVERNMENT CENTER PS ELIMINATION - AS-BUILTS	0.0	0%	01-Jul-11*	31-Dec-24												
<b>LANTANA PS I/I INVESTIGATION &amp; REHABILITATION</b>		<b>427.0</b>		<b>31-Jan-12</b>	<b>31-Dec-11</b>												
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - DESIGN	269.0	50%	26-Aug-11	31-Dec-11												
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - AD DATE	0.0	0%		31-Dec-11												
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - BID OPEN	0.0	0%	11-Oct-11	31-Dec-11												
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - AWARD	0.0	0%	01-Nov-11	31-Dec-11												
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - CONSTRUCTION	70.0	0%	31-Jan-12	31-Dec-11												
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - SUBSTANTIALLY ...	0.0	0%	31-Dec-11													
S_PO_WC_PC05_M_07_C	LANTANA PUMP STATION WET WEATHER STORAGE - CD CERTIFICATION	0.0	0%	31-Dec-11													
<b>Ohio River Force Main Area</b>		<b>1707.0</b>		<b>01-Jan-14</b>	<b>31-Dec-15</b>												
<b>DERINGTON CT PS I/I INVESTIGATION &amp; REHABILITATION</b>		<b>419.0</b>		<b>25-Mar-12</b>	<b>31-Mar-12</b>												
S_OR_MF_NB03_S_07_C	DERINGTON CT PUMP STATION I&I INVESTIGATION - DESIGN	419.0	50%	25-Mar-12	31-Mar-12												
S_OR_MF_NB03_S_07_C	DERINGTON CT PUMP STATION I&I INVESTIGATION - EASEMENT	89.0	0%	24-Mar-12	31-Mar-12												
<b>LELAND RD SSO INVESTIGATION</b>		<b>431.0</b>		<b>13-Sep-12</b>	<b>31-Dec-12</b>												
S_OR_MF_NB02_S_13_C	LELAND ROAD RELIEF SEWER - EASEMENT	89.0	0%	07-Oct-11	31-Dec-12												
S_OR_MF_NB02_S_13_C	LELAND ROAD RELIEF SEWER - AD DATE	0.0	0%		31-Dec-12												
S_OR_MF_NB02_S_13_C	LELAND ROAD RELIEF SEWER - BID OPEN	0.0	0%	07-Nov-11	31-Dec-12												
S_OR_MF_NB02_S_13_C	LELAND ROAD RELIEF SEWER - AWARD	0.0	0%	28-Nov-11	31-Dec-12												
S_OR_MF_NB02_S_13_C	LELAND ROAD RELIEF SEWER - CONSTRUCTION	269.0	0%	13-Sep-12	31-Dec-12												
<b>PROSPECT #1 - WQTC ELIMINATIONS</b>		<b>1707.0</b>		<b>01-Jan-14</b>	<b>31-Dec-15</b>												
<b>HARROD'S CREEK INTERCEPTOR</b>		<b>549.0</b>		<b>31-Dec-11</b>	<b>31-Dec-15</b>												
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PH. I - DESIGN	365.0	90%	01-Jul-11	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	EPSC PLANS	184.0	0%	31-Dec-11	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PH. I - EASEMENT	123.0	0%	30-Dec-11	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PH. I - AD DATE	0.0	0%		31-Dec-15												
<b>HARROD'S CREEK INTERCEPTOR PHASE 2</b>		<b>700.0</b>		<b>30-May-12</b>	<b>31-Dec-15</b>												
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PHASE II - DESIGN	365.0	90%	01-Jul-11	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PH II - UPDATE & FINALIZE PLANS	335.0	0%	30-May-12	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PH II - CONSTRUCTION DOCUMENTS	90.0	0%	28-Sep-11	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	HARRODS CRK INT PHASE II - EASEMENTS	156.0	0%	02-Mar-12	31-Dec-15												
<b>HUNTING CREEK NORTH</b>		<b>455.0</b>		<b>28-Sep-11</b>	<b>31-Dec-15</b>												
S_OR_MF_NB04_M_03_B_B	NORTH HUNTING CREEK PS & FM - DESIGN	455.0	90%	28-Sep-11	31-Dec-15												
<b>RIVER ROAD INTERCEPTOR</b>		<b>1277.0</b>		<b>28-Oct-12</b>	<b>31-Dec-15</b>												
S_OR_MF_NB04_M_03_B_B	RIVER RD INT - EASEMENT	853.0	60%	31-Aug-11	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	RIVER ROAD INTERCEPTOR - DESIGN	365.0	95%	01-Jul-11	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	RIVER ROAD INTERCEPTOR - AD DATE	0.0	0%		31-Dec-15												
S_OR_MF_NB04_M_03_B_B	100% DESIGN	122.0	0%	30-Oct-11	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	RIVER ROAD INTERCEPTOR - BID OPENING	0.0	0%	30-Jul-11	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	RIVER ROAD INTERCEPTOR - AWARD	0.0	0%	29-Aug-11	31-Dec-15												
S_OR_MF_NB04_M_03_B_B	RIVER ROAD INTERCEPTOR - CONSTRUCTION	396.0	0%	28-Oct-12	31-Dec-15												

MSD Final Integrated Overflow Abatement Plan Implementation Schedule (01 March 2011 - 31 December 2011)							2011											
ACD Project Number	Activity Name	At Completion Duration	Physical % Complete	Finish	IOAP Finish Date	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
<b>SHADOW WOOD</b>																		
S_OR_MF_NB04_M_03_B_B	SHADOW WOOD - DESIGN	1281.0	30%	01-Jan-14	31-Dec-15	[Gantt bar: Mar to Dec]												
<b>TIMBERLAKE AND HUNTING CREEK SOUTH</b>																		
S_OR_MF_NB04_M_03_B_B	TIMBERLAKE AND HUNTING CREEK SOUTH - DESIGN	455.0	60%	28-Sep-11	31-Dec-15	[Gantt bar: Mar to Dec]												
<b>PROSPECT #2- HARROD'S CREEK PS</b>																		
<b>HARROD'S CREEK PUMP STATION</b>																		
S_OR_MF_NB04_M_03_B_B	HARRODS CREEK P.S. & F.M. - DESIGN	519.0	60%	01-Dec-11	31-Dec-15	[Gantt bar: Mar to Dec]												
S_OR_MF_NB04_M_03_B_B	HARRODS CREEK P.S. & F.M. - EASEMENT	610.0	0%	01-Mar-13	31-Dec-15	[Gantt bar: Jun to Dec]												
S_OR_MF_NB04_M_03_B_B	EPSC PLANS	0.0	0%	02-Dec-11	31-Dec-15	[Gantt bar: Jun to Dec]												
<b>Mill Creek Area</b>																		
<b>EAST ROCKFORD LANE PS RELOCATION</b>																		
S_MC_WC_NB02_S_03_C	EAST ROCKFORD LANE PS RELOCATION - DESIGN	670.0	100%	26-Apr-11 A	31-Dec-21	[Gantt bar: Mar to Dec]												
S_MC_WC_NB02_S_03_C	EAST ROCKFORD LANE PS RELOCATION - CONSTRUCTION	330.0	10%	25-Apr-12	31-Dec-21	[Gantt bar: Jun to Dec]												
<b>SHIVELY INTERCEPTOR</b>																		
S_MC_WC_NB01_M_01_A	SHIVELY INTERCEPTOR - EASEMENT	612.0	100%	28-May-11 A	31-Dec-14	[Gantt bar: Mar to Dec]												
S_MC_WC_NB01_M_01_A	SHIVELY INTERCEPTOR - CONSTRUCTION	577.0	30%	28-Feb-12	31-Dec-14	[Gantt bar: Jun to Dec]												
<b>Combined Sewer System Area</b>																		
<b>HAZELWOOD PS I&amp;I INVESTIGATION &amp; REHABILITATION</b>																		
S_MC_MF_55665_S_07_C	HAZELWOOD PUMP STATION I&I INVESTIGATION- AD DATE	0.0	100%	30-Jul-11	30-Jun-11	[Gantt bar: Mar to Dec]												
S_MC_MF_55665_S_07_C	HAZELWOOD PUMP STATION I&I INVESTIGATION - BID OPEN	0.0	100%	03-May-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
S_MC_MF_55665_S_07_C	HAZELWOOD PUMP STATION I&I INVESTIGATION - NTP	0.0	100%	23-May-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
S_MC_MF_55665_S_07_C	HAZELWOOD PUMP STATION I&I INVESTIGATION - AWARD	0.0	100%	23-May-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
S_MC_MF_55665_S_07_C	HAZELWOOD PUMP STATION I&I INVESTIGATION - CONSTRUCTION	69.0	90%	30-Jul-11	30-Jun-11	[Gantt bar: Mar to Dec]												
S_MC_MF_55665_S_07_C	HAZELWOOD PUMP STATION I&I INVESTIGATION - SUBSTANTIALLY CO...	0.0	100%	30-Jun-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
S_MC_MF_55665_S_07_C	HAZELWOOD PUMP STATION I&I INVESTIGATION - CD CERTIFICATION	0.0	100%	30-Jun-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
<b>SONNE PUMP STATION I&amp;I INVESTIGATION &amp; REHABILITATION</b>																		
S_OR_MF_42007_S_07_C	SONNE PUMP STATION I&I INVESTIGATION- AD DATE	0.0	100%	29-Jun-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
S_OR_MF_42007_S_07_C	SONNE PUMP STATION I&I INVESTIGATION - BID OPEN	0.0	100%	03-May-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
S_OR_MF_42007_S_07_C	SONNE PUMP STATION I&I INVESTIGATION - NTP	0.0	100%	23-May-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
S_OR_MF_42007_S_07_C	SONNE PUMP STATION I&I INVESTIGATION - AWARD	0.0	100%	23-May-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
S_OR_MF_42007_S_07_C	SONNE PUMP STATION I&I INVESTIGATION - CONSTRUCTION	34.0	100%	26-Jun-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
S_OR_MF_42007_S_07_C	SONNE PUMP STATION I&I INVESTIGATION - SUBSTANTIALLY COMPLETE	0.0	100%	29-Jun-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
S_OR_MF_42007_S_07_C	SONNE PUMP STATION I&I INVESTIGATION - CD CERTIFICATION	0.0	100%	29-Jun-11 A	30-Jun-11	[Gantt bar: Mar to Dec]												
<b>Small WWTP Area</b>																		
<b>LAKE FOREST PS SSO INVESTIGATION</b>																		
S_FF_LF_NB01_S_13_C_A	LAKE FOREST PUMP STATION IMPROVEMENT - SSES	375.0	100%	25-Mar-11 A	31-Dec-12	[Gantt bar: Mar to Dec]												
S_FF_LF_NB01_S_13_C_A	LAKE FOREST PUMP STATION IMPROVEMENT - AD DATE	0.0	0%	31-Dec-12	31-Dec-12	[Gantt bar: Mar to Dec]												
S_FF_LF_NB01_S_13_C_A	LAKE FOREST PUMP STATION IMPROVEMENT - BID OPEN	0.0	0%	07-Nov-11	31-Dec-12	[Gantt bar: Mar to Dec]												
S_FF_LF_NB01_S_13_C_A	LAKE FOREST PUMP STATION IMPROVEMENT - AWARD	0.0	0%	28-Nov-11	31-Dec-12	[Gantt bar: Mar to Dec]												
S_FF_LF_NB01_S_13_C_A	LAKE FOREST PUMP STATION IMPROVEMENT - CONSTRUCTION	269.0	0%	13-Sep-12	31-Dec-12	[Gantt bar: Mar to Dec]												
<b>Interim SSDP Projects</b>																		
<b>DEREK R GUTHRIE WQTC</b>																		
<b>DEREK R GUTHRIE WQTC 1</b>																		
DEREK R GUTHRIE WATER QUALITY	DRGWQTC: BLOWER PKG - CONSTRUCTION	579.0	95%	31-Dec-11	31-Dec-11	[Gantt bar: Mar to Dec]												
DEREK R GUTHRIE WATER QUALITY	DRGWQTC: SUBSTANTIAL COMPLETION	0.0	0%	01-Jul-11*	31-Dec-11	[Gantt bar: Mar to Dec]												
DEREK R GUTHRIE WATER QUALITY	DRGWQTC: FINAL COMPLETION	0.0	0%	15-Jul-11*	31-Dec-11	[Gantt bar: Mar to Dec]												
<b>DEREK R GUTHRIE WQTC 2</b>																		

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ACD Project Number	Activity Name	At Completion Duration	Physical % Complete	Finish	IOAP Finish Date	2011											
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
	DEREK R GUTHRIE WATER QUALITY	DRGWQTC: WET WEATHER EQUALIZATION BASIN-DESIGN	680.0	100%	31-Mar-11 A	31-Dec-11											
	DEREK R GUTHRIE WATER QUALITY	DRGWQTC: WET WEATHER EQUALIZATION BASIN-BID OPEN	0.0	100%	28-Apr-11 A	31-Dec-11											
	DEREK R GUTHRIE WATER QUALITY	DRGWQTC: WET WEATHER EQUALIZATION BASIN-AWARD	0.0	100%	13-Jun-11 A	31-Dec-11											
	DEREK R GUTHRIE WATER QUALITY	DRGWQTC: WET WEATHER EQUALIZATION BASIN-CONSTR	243.0	0%	28-Feb-12	31-Dec-11											
	DEREK R GUTHRIE WATER QUALITY	DRGWQTC: WET WEATHER EQUALIZATION BASIN-SUB COMP	0.0	0%	29-Dec-11	31-Dec-11											
	<b>DEREK R GUTHRIE WQTC 3</b>		<b>758.0</b>		<b>28-Feb-12</b>	<b>31-Dec-11</b>											
	DEREK R GUTHRIE WATER QUALITY	DRGWQTC: WET WEATHER TREATMENT FACILITY-ESM/TS	758.0	10%	28-Feb-12	31-Dec-11											
	DEREK R GUTHRIE WATER QUALITY	DRGWQTC: WET WEATHER TREATMENT FACILITY- CONSTRUCTION	584.0	50%	05-Jan-12	31-Dec-11											
	DEREK R GUTHRIE WATER QUALITY	DRGWQTC: WET WEATHER TREATMENT FACILITY-SUB COMP	0.0	0%	31-Dec-11*	31-Dec-11											
	<b>DEREK R GUTHRIE WQTC 4</b>		<b>791.0</b>		<b>31-Dec-11</b>	<b>31-Dec-11</b>											
	DEREK R GUTHRIE WATER QUALITY	DRGWQTC: EQ BASIN EASEMENT ACQUISITION	544.0	100%	28-Apr-11 A	31-Dec-11											
	DEREK R GUTHRIE WATER QUALITY	DRGWQTC: PUMPING PACKAGE - CONSTRUCT	245.0	50%	31-Dec-11	31-Dec-11											
	<b>HIKE'S POINT INTERCEPTOR PHASE 1</b>		<b>1037.0</b>		<b>30-Dec-11</b>	<b>27-Nov-12</b>											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR - DESIGN	793.0	100%	30-Apr-11 A	27-Nov-12											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR - EASEMENTS	730.0	100%	30-Jun-11 A	27-Nov-12											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR - 100% DESIGN SUBMITTAL	464.0	100%	30-Apr-11 A	27-Nov-12											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR - CONSTRUCTION	579.0	95%	30-Nov-11	27-Nov-12											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR - SUBST COMPLETE	0.0	0%	30-Nov-11	27-Nov-12											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR - AS-BUILTS	0.0	0%	30-Dec-11	27-Nov-12											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR - CD CERTIFY	0.0	0%	30-Dec-11	27-Nov-12											
	<b>HIKE'S POINT INCEPTOR PHASE 2</b>		<b>667.0</b>		<b>27-Sep-12</b>	<b>27-Nov-12</b>											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR PHASE II- EASEMENTS	120.0	100%	31-Mar-11 A	27-Nov-12											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR PHASE II- DESIGN	120.0	100%	31-Mar-11 A	27-Nov-12											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR PHASE II- AD DATE	0.0	100%	20-May-11 A	27-Nov-12											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR PHASE II- AWARD	0.0	0%	25-Jul-11*	27-Nov-12											
	HIKES LANE INTERCEPTOR /HIGHGATE	HIKES POINT INTERCEPTOR PHASE II- CONSTRUCTION	399.0	0%	27-Sep-12	27-Nov-12											
	<b>NORTHERN DITCH DIVERSION INTERCEPTOR</b>		<b>0.0</b>		<b>01-Apr-11 A</b>	<b>31-Jul-11</b>											
	NORTHERN DITCH DIVERSION INTERCEPTOR	NORTHERN DITCH INTERCEPTOR (NR-1A) - AS-BUILT PL	0.0	100%	01-Apr-11 A	31-Jul-11											
	<b>SOUTHEAST DIVERSION STRUCTURE &amp; INTERCEPTOR</b>		<b>737.0</b>		<b>14-Sep-12</b>	<b>12-May-12</b>											
	SOUTHEASTERN DIVERSION STRUCTURE	SOUTHEASTERN INTERCEPTOR RELIEF SEWER - CONSTR	737.0	50%	14-Sep-12	12-May-12											
	<b>Other Projects</b>		<b>1064.9</b>		<b>30-Jun-12</b>	<b>30-Dec-24</b>											
	<b>CPE/CCP MODIFICATIONS TO WQTC</b>		<b>790.0</b>		<b>29-Sep-11</b>	<b>31-Dec-11</b>											
	CPE/CCP MODIFICATIONS TO WQTC	CPE/CCP MODIFICATIONS TO WWTP - DESIGN	790.0	75%	29-Sep-11	31-Dec-11											
	<b>I/I REDUCTION PROGRAM</b>		<b>730.9</b>		<b>30-Jun-12</b>	<b>30-Dec-24</b>											
	MULTIPLE	FY11 I/I REDUCTION PROGRAM - CONSTRUCTION	364.0	100%	30-Jun-11 A	30-Dec-24											
	MULTIPLE	FY12 I/I REDUCTION PROGRAM - CONSTRUCTION	365.0	0%	30-Jun-12	30-Dec-24											



## **SECTION 4: Program Activities for Public Outreach, Education, Notification and Participation**

### **4.1 Public Notification Program**

MSD produced and distributed a number of products aimed at notifying the community of the objectives of Project WIN and how to lessen the risks associated with coming into contact with sewage overflows.

### **4.2 Public Education Programs**

MSD has developed a public education program aimed at disseminating information to the public on MSD's primary business functions with emphasis on wastewater, storm water and flood protection. Efforts continued to utilize various media outlets, including television, radio, magazines, and newspapers to serve as a conduit for circulating information to the public.

### **4.3 Public Outreach Programs**

MSD has developed a public education program aimed at expanding the public's knowledge on MSD's primary business functions of wastewater, storm water and flood protection, with an emphasis on Project WIN Program elements.

#### **4.3.1 IOAP Project and Program Meetings**

- Facilitated a WWT meeting on June 20, 2011. This meeting included an MSD update on capital projects, green initiatives, and public outreach.
- Provided information to the WWT through the Project WIN website, at [www.msdlouky.org/projectwin](http://www.msdlouky.org/projectwin).
- The first Project WIN public input meeting will occur in September 2011.

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## SECTION 5: Capacity Management Operations and Maintenance Report

Per Paragraph 24.c of the Amended 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).

The primary objectives of CMOM are as follows:

**Capacity** – Ensuring that adequate wet and dry weather capacity is maintained in existing and new infrastructure

**Management** – Implementing programs in support of operations and maintenance activities required to ensure KPDES permit compliance and promote public health by remedying design, construction and operational deficiencies; training staff; and performing activities in a safe manner

**Operations** – Implementing written standard operating procedures to operate system components as designed to meet permit requirements

**Maintenance** – Implementing systematic, comprehensive asset maintenance and rehabilitation programs to prevent overflows, maximize system reliability and ensure system sustainability

Although the program implementation deadlines from the CMOM Self Assessment Report were previously met, MSD continued to enhance the activities listed below during this reporting period. Highlights of the CMOM program implementation over this reporting period are outlined below.

### 5.1 Management Programs

#### M-E-9 Infrastructure Rehabilitation

Activity details are provided in the CMOM schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### 5.2 Operations Programs

#### O-A-1 Pump Station Operations Programs (Routine Operating Programs)

Activity details are provided in the CMOM schedule provided as **Section 5.5 – CMOM Activity Schedule**.

#### O-A-2 Pump Station Operations Programs (Emergency Operating Programs)

Activity details are provided in the CMOM schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### 5.3 CMOM WQTC Activities

#### 5.3.1 Hite Creek Water Quality Treatment Center

MSD sent a waste load allocation renewal request for the Hite Creek WQTC to the KDOW in June 2011. This allocation is necessary to address new development in the service area and

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allow elimination of the Prospect Area WQTCs by December 15, 2015, as required by the Amended Consent Decree. During the previous reporting period, MSD awarded a contract to a consultant to assist in developing an amendment to the North County Action Plan Update and a kick off meeting was held with KDOW staff for the Facilities Plan Update. During the next reporting period, MSD will continue working on the Facilities Plan Update and begin scheduling public outreach meetings.

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### 5.3.2 Floyds Fork Water Quality Treatment Center

MSD issued a notice to proceed for the construction contract for the Phase 2 Expansion of the Floyds Fork WQTC, to an average daily design flow of 5.25 MGD in May 2011 and held a community meeting for the residents who may be affected by the construction activity at the WQTC. During the next reporting period, construction will continue on the expansion of the WQTC.

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### 5.3.3 Derek R. Guthrie Water Quality Treatment Center

See **Section 3 – Program Activities for Discharge Abatement Plans** for an update on the design and construction of the three projects that make up the Derek R. Guthrie WQTC Wet Weather Equalization and Treatment Project (Budget ID multiple).

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### 5.3.4 Cedar Creek Water Quality Treatment Center

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### 5.3.5 Prospect Area Water Quality Treatment Center Updates

Submitted the elimination plan for the five WQTCs serving Prospect (Hunting Creek North, Hunting Creek South, Ken Carla, Shadow Wood and Timberlake), to EPA and KDEP on March 31, 2009. Received approval of this plan on September 24, 2009, and work is proceeding on the projects defined in the IOAP. See **Section 3 – Program Activities for Discharge Abatement Plans** for an update on the design and construction of the projects that make up the elimination plan for the Prospect Area WQTCs.

CMOM related capital projects will be provided in the schedule provided as **Section 5.6 – CMOM Activity Schedule**.

### 5.3.6 Other Small Water Quality Treatment Center Updates

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

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## **5.4 Comprehensive Performance Evaluations and Composite Correction Plans (CPE/CCP)**

### **5.4.1 Jeffersontown Water Quality Treatment Center**

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### **5.4.2 Chenoweth Run Water Quality Treatment Center**

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### **5.4.3 Cedar Creek Water Quality Treatment Center**

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### **5.4.4 Hite Creek Water Quality Treatment Center**

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### **5.4.5 Timberlake Water Quality Treatment Center**

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

- Continued discussions with KDEP requesting approval for the elimination of the polishing pond. During the next reporting period, it is anticipated approval for the minor permit modification will be received from KDEP early July 2011. Upon approval MSD will advertise for construction and award a contract for the elimination by November 31, 2011.

### **5.4.6 Hunting Creek North Water Quality Treatment Center**

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

### **5.4.7 Hunting Creek South Water Quality Treatment Center**

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

- Continued discussions with KDEP requesting approval for the elimination of the polishing pond and the relocation of the chlorine contact tank. A minor permit modification approval was received June 22, 2011 from KDEP. During the next reporting period, MSD will advertise for construction and award a contract for the lagoon elimination by December 31, 2011.

### **5.4.8 Starview Water Quality Treatment Center**

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

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#### 5.4.9 Berrytown Water Quality Treatment Center

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

#### 5.4.10 Ken Carla Water Quality Treatment Center

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

#### 5.4.11 Chenoweth Hills Water Quality Treatment Center

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

#### 5.4.12 Other Water Quality Treatment Centers

CMOM related capital projects will be provided in the schedule provided as **Section 5.5 – CMOM Activity Schedule**.

- Continued the planning to complete the structure and equipment condition assessment for the remaining MSD WQTCs that were not included as a part of the CPE process to convert asset management activities from SAP to Hansen. This will complete the process for MSD's WQTCs. Prior to June 30, 2011, MSD completed condition assessment inspections of equipment for these remaining WQTCs: Floyds Fork, Cedar Creek, Hite Creek, Silver Heights, Bancroft, McNeely Lake, Shadow Wood, and Lake of the Woods. Field condition assessment inspections have been completed for all MSD WQTCs except Derek R. Guthrie WQTC which will be assessed after expansion is complete.
- McNeely Lake WQTC – MSD received a final technical memorandum on May 2, 2011, containing a detailed structural condition assessment of the site. The memorandum detailed structural rehabilitation and equipment replacement recommendations totaling \$810,000 may be needed to extend the plant's life by 10 years. MSD staff prepared two preliminary alternatives to eliminate the WQTC. One alternative via a gravity solution and the other utilizing a pump station. During the next reporting period, MSD will review the memorandum and the two elimination alternatives to analyze the benefits of completing capital improvements at the plant site versus elimination, if budget allows.
- Silver Heights WQTC – MSD continued to review a technical memorandum detailing structural rehabilitation and equipment replacement recommendations totaling \$1,200,000 that may be needed to extend the plant's life by 10 years. MSD staff prepared two preliminary alternatives to eliminate the WQTC. One alternative via a gravity solution and the other utilizing a pump station. During the next reporting period, MSD will review the memorandum and the two elimination alternatives to analyze the benefits of completing capital improvements at the plant site versus elimination, if budget allows.

## **5.5 CMOM Activity Schedule**

CMOM capital project milestones for the period of April 1, 2011, through June 30, 2011, as well as a look-ahead for the period of July 1, 2011, through December 31, 2011, are provided in the schedule below.

MSD CMOM FY11 Annual Commitments Schedule (01 March 2011 - 31 December 2011)					Date: 29-Jul-11											
Activity ID	Activity Name	Start	Finish	2011												
				Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
<b>CMOM FY ANNUAL REPORT COMMITMENTS FINAL</b>				04-Oct-10 A	30-May-12											
<b>M-E-9 Infrastructure Rehabilitation</b>				04-Oct-10 A	01-May-12											
<b>Edgewood Separation Project (B11042)</b>				01-Jan-11 A	31-Mar-11 A											
A1650	Install Remaining Pipe & Complete Restoration	01-Jan-11 A	31-Mar-11 A													
<b>Goose Creek Pump Station Grinder Installation Project (F07070)</b>				23-Nov-10 A	23-Nov-11											
A1690	Warranty Period	23-Nov-10 A	23-Nov-11													
<b>Lee Ann Way Pump Station Grinder Installation Project (F07069)</b>				01-Feb-11 A	30-Jul-11											
A1850	Warranty Issues - Replace Blower	01-Feb-11 A	30-Jul-11													
<b>Brandeis Viaduct #2 Pump &amp; Controls Modifications Project (F04192)</b>				01-May-11 A	01-May-12											
A1720	Warranty Period	01-May-11 A	01-May-12													
<b>Shively Pump Station Grinder Replacement Project Planning (H10151)</b>				01-Feb-11 A	29-Jan-12											
A1860	Construction - Substantial Completion	01-Feb-11 A	30-Nov-11													
A1870	Construction - Final Completion	01-Feb-11 A	29-Jan-12													
<b>Fairmount Road Pump Station Expansion Project (E00303)</b>				20-Jan-11 A	30-Jan-12											
A1880	Construction - Substantial Completion	20-Jan-11 A	30-Nov-11													
A1890	Construction - Final Completion	20-Jan-11 A	30-Jan-12													
<b>Shobe Pump Station Elimination Project (A11285)</b>				01-Dec-10 A	30-Jul-11											
A1800	Design	01-Dec-10 A	30-Jul-11													
<b>Lake Forest Pump Station, Force Main &amp; Interceptor (E05509)</b>				04-Oct-10 A	31-Oct-11											
A1830	Construction	04-Oct-10 A	31-Oct-11													
<b>Jeffersontown Industrial Area 3 Rehabilitation (A09227)</b>				15-Nov-10 A	30-Jun-11 A											
A1840	Construction	15-Nov-10 A	30-Jun-11 A													
<b>Shadow Wood I/I Rehabilitation</b>				30-Jun-11 A	30-Dec-11											
A2270	Design	30-Jun-11 A														
A2280	Ad	18-Jul-11*														
A2290	Bid Opening	02-Aug-11*														
A2300	Construction	01-Sep-11*	30-Dec-11													
A2310	Complete		30-Dec-11*													
<b>Pump Station Operations Programs</b>				15-Nov-10 A	30-May-12											
<b>O-A-1 Routine Operating Programs</b>				15-Nov-10 A	31-Dec-11											
A1320	Complete USACE Flood Operations & Maintenance Manual - Draft	15-Nov-10 A	30-Jun-11 A													
A1340	Finalize Pump Station SOPs	01-Apr-11 A	10-Jun-11 A													
A1350	Establish Draft SOPs & Job Aides for Regional Pump Stations	22-Apr-11 A	31-Dec-11													
A1330	Submit Flood Operations & Maintenance Manual to USACE- Draft	01-Jun-11 A	31-Dec-11													
<b>O-A-2 Emergency Operation Programs</b>				01-Jan-11 A	30-May-12											
<b>West Region Generator Phase IV (H11078)</b>				23-Mar-11 A	07-Oct-11											
A1910	Ad Award	23-Mar-11 A														
A1920	Award	09-May-11 A														
A1930	Construction	09-Jun-11 A	07-Oct-11													
<b>East Region Emergency Generator Phase V (H11438)</b>				01-Jan-11 A	11-Dec-11											
A1940	Design	01-Jan-11 A	31-Mar-11 A													
A1950	Ad Award	15-May-11 A														
A1960	Award	07-Jul-11*														
A1970	Construction	13-Aug-11*	11-Dec-11													
<b>Central Region Emergency Generator Phase V (H11439)</b>				01-Jan-11 A	26-Dec-11											
A1980	Design	01-Jan-11 A	31-Mar-11 A													
A1990	Ad Award	30-May-11 A														

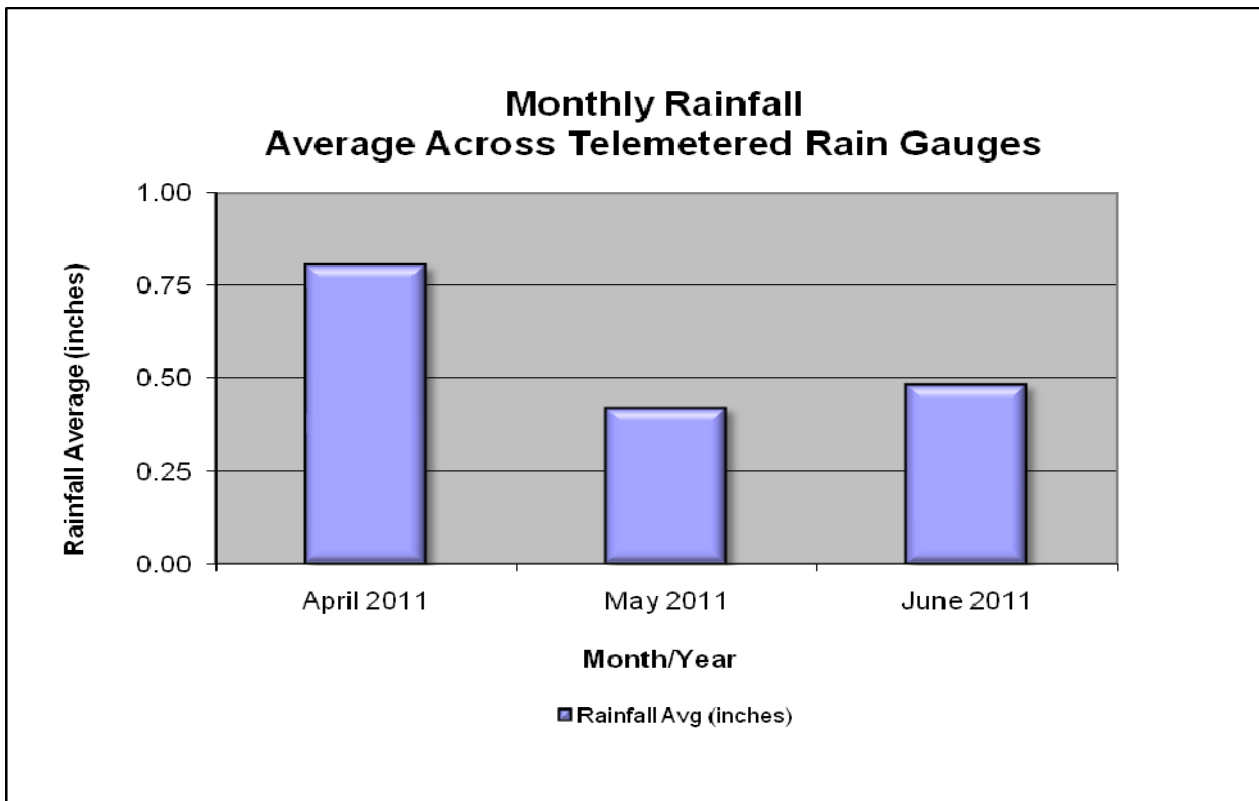
MSD CMOM FY11 Annual Commitments Schedule (01 March 2011 - 31 December 2011)					2011											
Activity ID	Activity Name	Start	Finish		Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
A2000	Award	29-Jul-11*								◆						
A2010	Construction	28-Aug-11*	26-Dec-11													
<b>Trinity Homes Emergency Generator (H11440)</b>																
A2020	Design	01-Jan-11 A	30-May-12													
A2030	Ad	01-Jan-11 A	31-Aug-11													
A2040	Award	15-Sep-11*									◆					
A2050	Construction	15-Oct-11*										◆				
<b>Gaven Emergency Generator (H11077)</b>																
A2180	Construction	04-Feb-11 A	01-Sep-11													
<b>Shady Villa Access Road (H09338)</b>																
A2200	Ad	01-Mar-11 A														
A2210	Award	24-Mar-11 A			◆											
A2220	Construction	30-Jun-11 A	30-Jul-11													
<b>Valley Village Access Road (H09338)</b>																
A2240	Ad	18-May-11 A	11-Aug-11													
A2240	Ad	18-May-11 A					◆									
A2320	Award		10-Jun-11 A					◆								
A2260	Construction	11-Jul-11*	11-Aug-11													
<b>CPE/CPE Treatment Plant Activities</b>																
<b>Hunting Creek South Lagoon Elimination</b>																
A2070	Design	01-Feb-11 A	31-Dec-11													
A2070	Design	01-Feb-11 A	31-May-11 A													
A2080	Ad Award	01-Aug-11*														
A2090	Award	01-Sep-11*														
A2100	Construction	01-Sep-11*	31-Dec-11													
<b>Timberlake Lagoon Elimination</b>																
A2110	Design	01-Feb-11 A	30-Nov-11													
A2110	Design	01-Feb-11 A	31-May-11 A													
A2120	Ad Award	01-Aug-11*														
A2130	Award	15-Aug-11*														
A2140	Construction	31-Aug-11*	30-Nov-11													



## SECTION 6: Project WIN Performance Overview

### 6.1 Rainfall

The number and the volume of wet weather overflows are directly related to the amount of rain that has fallen during the reporting period. The following graph shows the Jefferson County average rainfall amounts for the last quarter. Data was pulled from MSD’s Rain Gauges. See Appendix D – April Rainfall Report for a discussion on the record rainfall response.



### 6.2 Collection System Unauthorized Discharges

#### 6.2.1 Collection System Overflows to Waters of the United States (WUS)

Recorded information related to overflows reaching Waters of the United States (WUS). This information is entered and maintained in Hansen utilizing procedures reviewed and improved through efforts associated with various components of the Amended Consent Decree. These overflows will be included in the Annual Report for the period of July 1, 2010, through June 30, 2011, and are provided for this reporting period in **Appendix A-1**. During this quarter, 584 overflows to the Waters of the United States (WUS) have been reported.

Unauthorized Discharges (Waters of the United States)			
Problem Code	Dry Weather	Wet Weather	Suspected
BLENDING AT JTOWN WQTC	0	8	0
BYPASS AT WQTC	0	19	0
ELECTRICAL PROBLEMS AT MSD	0	3	0
GREASE BLOCKAGE	1	0	0
LACK OF SYSTEM CAPACITY	0	443	20
MECHANICAL FAILURE	1	1	1
OBSTRUCTION-NOT GREASE / ROOTS	2	2	1
POWER OUTAGE (LG&E)	0	5	2
PUMPED DUE TO COE MANUAL	0	3	0
PUMPED OVERFLOW	0	67	0
ROOTS	1	0	1
STRUCTURAL FAILURE	3	0	0
Grand Total	8	551	25

### 6.2.2 Overflows to Ground (EXT)

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 Amended Consent Decree. These overflows will be included in the Annual Report for the period of July 1, 2010, through June 30, 2011.

### 6.2.3 Overflows to Interior (INT)

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 Amended Consent Decree. These overflows, that are the result of an issue in the main line, will be included in the Annual Report for the period of July 1, 2010, through June 30, 2011.

### 6.2.4 Dry Weather CSOs

Recorded information related to dry weather overflows from permitted combined sewer overflow outfalls. This information is entered and maintained in Hansen utilizing procedures reviewed and improved through efforts associated with various components of the Amended Consent Decree. These overflows will be included in the Annual Report for the period of July 1, 2010, through June 30, 2011.

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### 6.3 CSO Reductions

Included in **Appendix B** is the CSO data for this quarter. A summary of any data anomalies and the CSO data for each monitored overflow has been graphed along with rainfall information from the nearest rain gauge to facilitate review of the overflows that occurred.

There were no CSO reduction projects completed during the reporting period.

### 6.4 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 following projects that impacted SSOs were completed during this reporting period:

- Government Center PS Elimination – Completed April 1, 2011 – Eliminated the following SSO manholes: MSD0180-PS, 94542, 94541.
- Parkview Estates I/I Investigation & Rehabilitation – Completed June 28, 2011 – Eliminated the following SSO manhole: 47250.
- Sonne Pump Station I&I Investigation & Rehabilitation – Completed June 30, 2011 – Eliminated the following SSO manhole: MSD0042-PS.
- Hazelwood PS I&I Investigation & Rehabilitation – Completed June 30, 2011 – Eliminated the following SSO manholes: 55665, 55667.

### 6.5 Gravity Line Preventive Maintenance

Each quarter, data and statistics relating the cleaning, inspection, and maintenance of sewer assets performed under the Gravity Line Preventive Maintenance (GLPM) are reported. The following data was compiled for the period of July 1, 2010, through June 30, 2011. The first table includes data and targets. The second table includes unplanned maintenance and other maintenance activities that are performed in response to inspection. In the 2011 Annual Report, targets for responsive activities such as chemical root treatment will be developed and reported on a going-forward basis.

GLPM Performance - Fiscal Year 2011						
	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Total	Target/ qtr
<b>Combined Sewer Area</b>						
Catch Basins Cleaned CSO Area - PM	5,683	4,486	5,518	6,660	22,347	4460
Total CB Cleaned	6,548	4,996	5,722	7,028	24,294	4460
CSO Inspections	1,352	1,352	1,335	1,347	5,386	1272
Chemical Root Treatment CSO Area (LF)	0	4,174	11,400	1,479	17,053	
<b>Sanitary Sewer Area</b>						
Catch Basins Cleaned SSO Area - PM	2,059	1,149	1,331	53	4,592	1144
<b>County Wide</b>						
Sewer Main Inspections MSD Crews (LF)	150,257	224,419	133,370	96,366	508,046	198000
Sewer Main Inspections Contractor (LF)	548,581	309,086	198,521	511,374	507,607	198000
Total Inspections (LF)	150,257	533,505	331,891	607,740	1,015,653	396,000

GLPM Performance - Fiscal Year 2011					
	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Total
<b>Combined Sewer Area</b>					
Catch Basins Cleaned CSO Area - UM	865	510	204	368	1,947
CSO Debris Removal WO	87	83	76	135	381
Chemical Root Treatment CSO Area (LF)	0	4,174	11,400	1,479	17,053
Root Cutting CSO Area (LF)	39,932	6,349	9,652	3,887	59,820
Flushing and Cleaning of Sewer Mains CSO Area (LF)	29,523	27,975	14,436	16,207	88,141
<b>Sanitary Sewer Area</b>					
Chemical Root Treatment SSO Area (LF)	0	88,613	105,774	7,916	202,303
Root Cutting SSO Area (LF)	37,183	41,558	79,785	46,212	204,738
Flushing and Cleaning of Sewer Mains SSO Area (LF)	162,747	92,998	83,235	69,790	408,770
Catch Basins Cleaned SSO Area - UM	90	83	129	191	493

## 6.6 Water Quality Treatment Center Bypasses

### 6.6.1 Bypass Events

Included in **Appendix A-2** is a report that lists the details of the 19 bypasses that occurred at water quality treatment centers (WQTC) during this reporting period. Bypasses were reported for the following WQTCs:

Q23 - Bypass Events			
Type of Bypass	Date	ID	Facility Name
WET WEATHER DISCHARGE	Monday, April 11, 2011	MSD0258A-LS	SILVER HEIGHTS WQTC INFL PS
WET WEATHER DISCHARGE	Tuesday, April 12, 2011	MSD0209	BERRYTOWN
WET WEATHER DISCHARGE	Tuesday, April 12, 2011	MSD0403	CHENOWETH RUN
WET WEATHER DISCHARGE	Tuesday, April 12, 2011	MSD0247	STARVIEW
WET WEATHER DISCHARGE	Tuesday, April 12, 2011	MSD0289	CEDAR CREEK
WET WEATHER DISCHARGE	Saturday, April 23, 2011	MSD0291	HUNTING CREEK NORTH
WET WEATHER DISCHARGE	Saturday, April 23, 2011	MSD0209	BERRYTOWN
WET WEATHER DISCHARGE	Saturday, April 23, 2011	MSD0291	HUNTING CREEK NORTH
WET WEATHER DISCHARGE	Wednesday, April 27, 2011	MSD0403	CHENOWETH RUN
WET WEATHER DISCHARGE	Wednesday, April 27, 2011	MSD0209	BERRYTOWN
WET WEATHER DISCHARGE	Wednesday, April 27, 2011	MSD0247	STARVIEW
WET WEATHER DISCHARGE	Wednesday, April 27, 2011	MSD0228	MCNEELY LAKE
WET WEATHER DISCHARGE	Wednesday, April 27, 2011	MSD0247B-PS	STARVIEW ESTATES WQTC-INFLUENT
WET WEATHER DISCHARGE	Monday, May 02, 2011	MSD0209	BERRYTOWN
WET WEATHER DISCHARGE	Tuesday, May 03, 2011	MSD0403	CHENOWETH RUN
WET WEATHER DISCHARGE	Thursday, May 26, 2011	MSD0209	BERRYTOWN
WET WEATHER DISCHARGE	Sunday, June 19, 2011	MSD0277	DEREK R. GUTHRIE
WET WEATHER DISCHARGE	Sunday, June 19, 2011	MSD0228	MCNEELY LAKE
WET WEATHER DISCHARGE	Sunday, June 19, 2011	MSD0277	DEREK R. GUTHRIE

### 6.6.2 Bypass Corrective Actions

Each quarter, an assessment of bypasses will occur to determine the root cause of the bypass, the failure category, corrective actions to be taken, possible programmatic solutions, and corrective action completion date. Refer to the table below for causes of bypasses and respective corrective actions that occurred between April 1, 2011, and June 30, 2011.

Bypass Analysis – April 1, 2011, to June 30, 2011	
Bypass Description	Bypass Corrective Actions
Capacity	
<ul style="list-style-type: none"> <li>- <u>Silver Heights WQTC (Hansen Discharge WO: 1242548):</u> Bypass (capacity) was reported at this WQTC on April 11, 2011. Increased plant flow caused secondary aeration tank to overflow. Plant flows were more than four times the design flow during the rain event on April 11, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- A work order was issued to a consultant to complete a site assessment including recommendations and proposed costs for plant system improvements. During the next reporting period, MSD will continue to review the memorandum and analyze the benefits of completing capital improvements at the plant site versus elimination.</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Berrytown WQTC (Hansen Discharge WO: 1242974):</u> Bypass (capacity) was reported at this WQTC on April 12, 2011. Increased plant flow caused secondary aeration tank to overflow. Plant flows were more ten times the design flow during the rain event on April 11, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Berrytown component of this project is anticipated to be complete by December 31, 2012.</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Chenoweth Run/Lake Forest WQTC (Hansen Discharge WO: 1243078):</u> Bypass (capacity) was reported at this WQTC on April 12, 2011. Increased plant flow caused the secondary aeration tank to overflow. Plant flows were more than twice the design flow during the rain event on April 12, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Chenoweth Run/Lake Forest component of this project is anticipated to be complete by April 30, 2012.</li> </ul>

<ul style="list-style-type: none"> <li>- <u>Starview WQTC (Hansen Discharge WO: 1243215):</u> Bypass (capacity) was reported at this WQTC on April 12, 2011. Increased plant flow caused secondary aeration tank to overflow. Peak plant flows were more than four times the design flow during the rain event on April 12, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Starview component of this project is anticipated to be complete by December 31, 2012.</li> </ul>
<ul style="list-style-type: none"> <li>- <u>North Hunting Creek WQTC (Hansen Discharge WO: 1249622):</u> Bypass (capacity) was reported at this WQTC on April 23, 2011. The receiving stream surcharged into the plant chlorine contact channel during the rain event of April 23, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- Prospect #1 - WQTC Elimination (Budget ID's multiple) will eliminate this WQTC. The North Hunting Creek component of this project will be complete by December 31, 2015.</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Berrytown WQTC (Hansen Discharge WO: 1249265):</u> Bypass (capacity) was reported at this WQTC on April 23, 2011. Increased plant flow caused secondary aeration tank to overflow. Plant flows exceeded the flow metering capability during the rain event of April 23, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- MSD Hauled 10,000 gallons from the influent PS on this date, which reduced the impact of the bypass but did not prevent it from occurring.</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Berrytown component of this project is anticipated to be complete by December 31, 2012.</li> </ul>

<p>- <u>Chenoweth Run/Lake Forest WQTC (Hansen Discharge WO: 1252909):</u> Bypass (capacity) was reported at this WQTC on April 27, 2011. Increased plant flow caused the secondary aeration tank to overflow. Plant flows were more than twice the design flow during the rain event on April 27, 2011.</p>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Chenoweth Run/Lake Forest component of this project is anticipated to be complete by April 30, 2012.</li> </ul>
<p>- <u>Berrytown WQTC (Hansen Discharge WO: 1253476):</u> Bypass (capacity) was reported at this WQTC on April 27, 2011. Increased plant flow caused secondary aeration tank to overflow. Excessive plant flows exceeded the flow metering capacity during the rain event of April 27, 2011.</p>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Berrytown component of this project is anticipated to be complete by December 31, 2012.</li> </ul>
<p>- <u>Starview WQTC (Hansen Discharge WO: 1252913):</u> Bypass (capacity) was reported at this WQTC on April 27, 2011. Increased plant flow caused secondary aeration tank to overflow. Excessive plant flows exceeded the flow metering capability during the rain event of April 27, 2011.</p>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Starview component of this project is anticipated to be complete by December 31, 2012.</li> </ul>



<ul style="list-style-type: none"> <li>- <u>McNeely Lake WQTC (Hansen Discharge WO: 1253083):</u> Bypass (capacity) was reported at this WQTC on April 27, 2011. Increased plant flow caused secondary aeration tank to overflow. Plant flows were more than three times the design flow during the rain event on April 27, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- A work order was issued to a consultant to complete a site assessment including recommendations and proposed costs for plant system improvements. During the next reporting period, MSD will continue to review the memorandum and analyze the benefits of completing capital improvements at the plant site versus elimination.</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Berrytown WQTC (Hansen Discharge WO: 1255322):</u> Bypass (capacity) was reported at this WQTC on May 2, 2011. Increased plant flow caused secondary aeration tank to overflow. Excessive plant flows exceeded the flow metering capability during the rain event of May 2, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- MSD Hauled 21,000 gallons from the influent PS on this date, which reduced the impact of the bypass but did not prevent it from occurring.</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Berrytown component of this project is anticipated to be complete by December 31, 2012.</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Chenoweth Run/Lake Forest WQTC (Hansen Discharge WO: 1258039):</u> Bypass (capacity) was reported at this WQTC on May 3, 2011. Increased plant flow caused the aeration tank to overflow. Peak plant flows were more than twice the design flow during the rain event on April 27, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- Secondary aeration was shut down until flow reached normal operating levels to reduce the impact of the bypass.</li> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Chenoweth Run/Lake Forest component of this project is anticipated to be complete by April 30, 2012.</li> </ul>

<ul style="list-style-type: none"> <li>- <u>North Hunting Creek WQTC (Hansen Discharge WO: 1249627):</u> Bypass (capacity) was reported at this WQTC on April 23, 2011. The receiving stream surcharged into the plant chlorine contact channel during the rain event of April 23, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- If operational needs for resources allow, MSD will haul wastewater from this WQTC during significant rain events.</li> <li>- Prospect #1 - WQTC Elimination (Budget ID's multiple) will eliminate this WQTC. The North Hunting Creek component of this project will be complete by December 31, 2015.</li> </ul>
<p>External Power failures (LGE Related-PWR)</p>	
<ul style="list-style-type: none"> <li>- <u>Starview WQTC (Hansen Discharge WO: 1253358):</u> Bypass (Power Failure) was reported at this WQTC on April 27, 2011. A power failure caused the influent pump station to fail during the rain event of April 27, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- MSD installed an alternate power source (temporary generator).</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Starview component of this project is anticipated to be complete by December 31, 2012.</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Derek Guthrie WQTC (Hansen Discharge WO: 1281376):</u> Bypass (Power Failure) was reported at this WQTC on June 19, 2011. A power failure caused flow to bypass disinfection and dechlorination during the rain event of June 19, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- MSD Closed the plant influent gate to stop the bypass. Plant expansion will include backup power source for disinfection and dechlorination. This project is scheduled to be complete on December 31, 2011.</li> </ul>
<ul style="list-style-type: none"> <li>- <u>McNeely Lake WQTC (Hansen Discharge WO: 1281379):</u> Bypass (Power Failure) was reported at this WQTC on June 19, 2011. A power failure caused the influent pump station to fail during the rain event of June 19, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- MSD installed an alternate power source (temporary generator).</li> <li>- A work order was issued to a consultant to complete a site assessment including recommendations and proposed costs for plant system improvements. During the next reporting period, MSD will continue to review the memorandum and analyze the benefits of completing capital improvements at the plant site versus elimination.</li> </ul>

<ul style="list-style-type: none"> <li>- <u>Derek Guthrie WQTC (Hansen Discharge WO: 1281402):</u> Bypass (Power Failure) was reported at this WQTC on June 19, 2011. A power failure caused flow to bypass disinfection and dechlorination during the rain event of June 19, 2011.</li> </ul>	<p>MSD Closed the plant influent gate to stop the bypass. Plant expansion will include backup power source for disinfection and dechlorination. This project is scheduled to be complete on December 31, 2011.</p>
<p>Facility Failure (Mechanical -MCH, Electrical -ELE, Structural-SRT)</p>	
<ul style="list-style-type: none"> <li>- <u>Cedar Creek WQTC (Hansen Discharge WO: 1243500):</u> Bypass (electrical) was reported at this WQTC on April 12, 2011. The UV channel gate failed to close after lights shut off for low water level during the rain event April 12, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- MSD closed UV channel gate manually. Contacted system manufacturer for potential programming changes. Manufacturer indicated that UV system was functioning properly. MSD is updating the wet weather SOP, to include revised operational procedures for the UV channel. Draft Wet Weather SOP revisions were submitted to MSD July 11, 2011.</li> </ul>
<ul style="list-style-type: none"> <li>- <u>Berrytown WQTC (Hansen Discharge WO: 1267804):</u> Bypass (electrical) was reported at this WQTC on May 26, 2011. A generator control panel malfunction caused insufficient power to operate the influent pump station during the rain event of May 26, 2011.</li> </ul>	<ul style="list-style-type: none"> <li>- MSD contractor repaired stationary generator.</li> <li>- Lake Forest Pump Station, Force Main, and Interceptor (Budget ID E05509) will eliminate this WQTC. The Berrytown component of this project is anticipated to be complete by December 31, 2012.</li> </ul>
<p>Human Error (OPN)</p>	
<ul style="list-style-type: none"> <li>- No bypasses of this category occurred during the reporting period.</li> </ul>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>

### 6.6.3 Jeffersontown Water Quality Treatment Center

MSD submitted a Jeffersontown WQTC Process Control Plan on October 31, 2008, as required by paragraph 26.a of the Amended Consent Decree. MSD received comments on December 12, 2008, and resubmitted the plan January 16, 2009, and again on February 20, 2009. MSD received conditional approval of this document from EPA on April 1, 2009, pending finalization of the Amended Consent Decree that was under consideration by the Federal Court at the time the Process Control Plan was submitted. The Process Control Plan

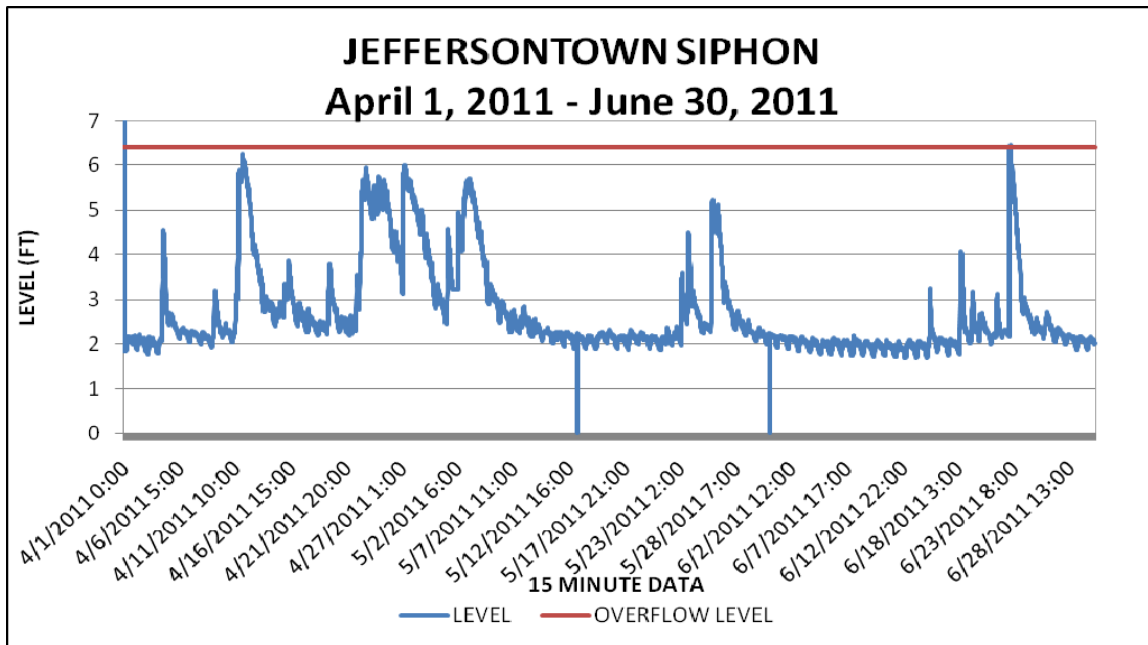
was accepted by the Federal Court and incorporated by reference into the Amended Consent Decree by an Order signed February 12, 2010, that was entered into public record February 15, 2010.

The following activities occurred at the Jeffersontown WQTC during the reporting period:

- Conducted four inspection routes as described in **Section 2.2 - Overflow Management and Field Documentation.**
- Four overflows were identified as a result of inspections of overflows within 2,000 feet of the Jeffersontown head works, no overflows were identified at the Jeffersontown Siphon.

The following table summarizes the overflows identified as part of these inspections:

MANHOLE	ADDRESS	WEATHER	START	STOP	PROBLEM	RESULT
28173	3258 RUCKRIEGEL PKY	Wet Weather	4/11/11 8:52 PM	4/13/11 2:08 PM	Capacity	WUS
28173	3258 RUCKRIEGEL PKY	Wet Weather	4/23/11 9:05 AM	5/5/11 12:54 PM	Capacity	WUS
28173	3258 RUCKRIEGEL PKY	Wet Weather	5/2/11 10:09 PM	5/5/11 12:53 PM	Capacity	WUS
28173	3258 RUCKRIEGEL PKY	Wet Weather	5/26/11 4:40 AM	5/26/11 6:25 AM	Capacity	WUS



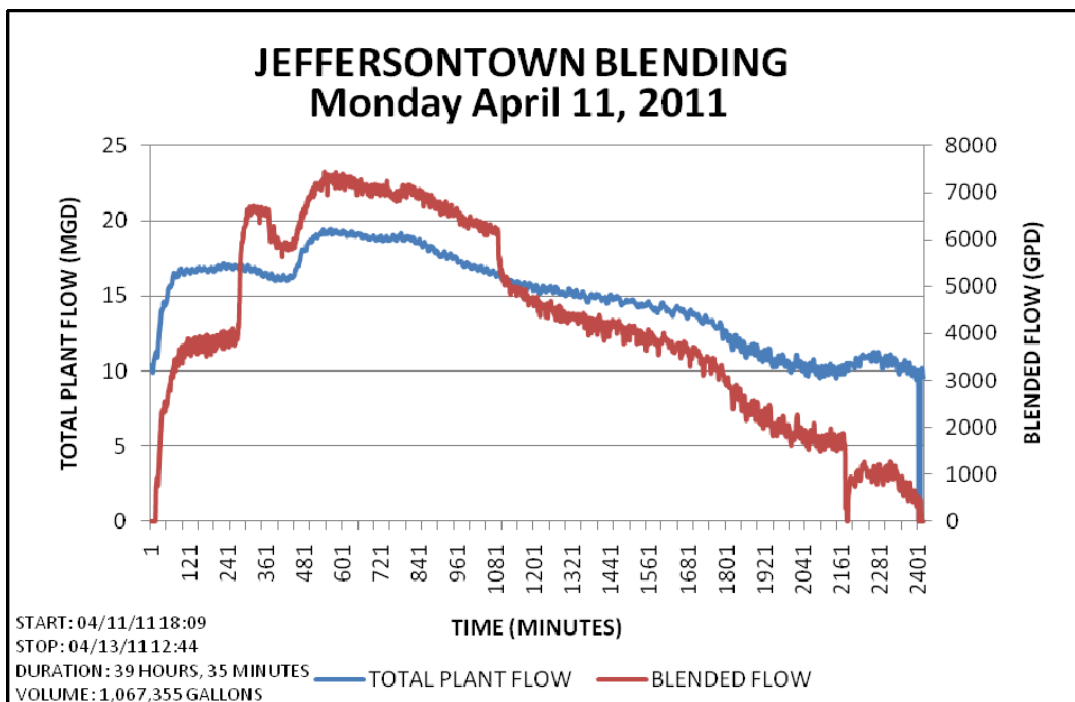
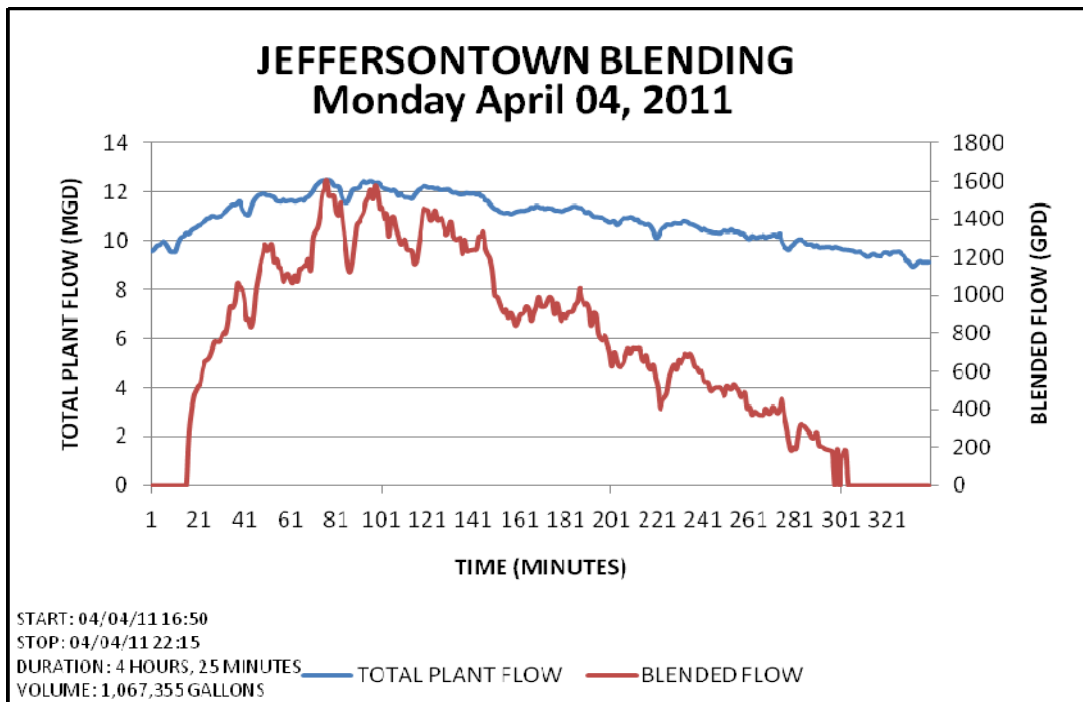
**Jeffersontown Siphon Level – April 1, 2011 to June 30, 2011**

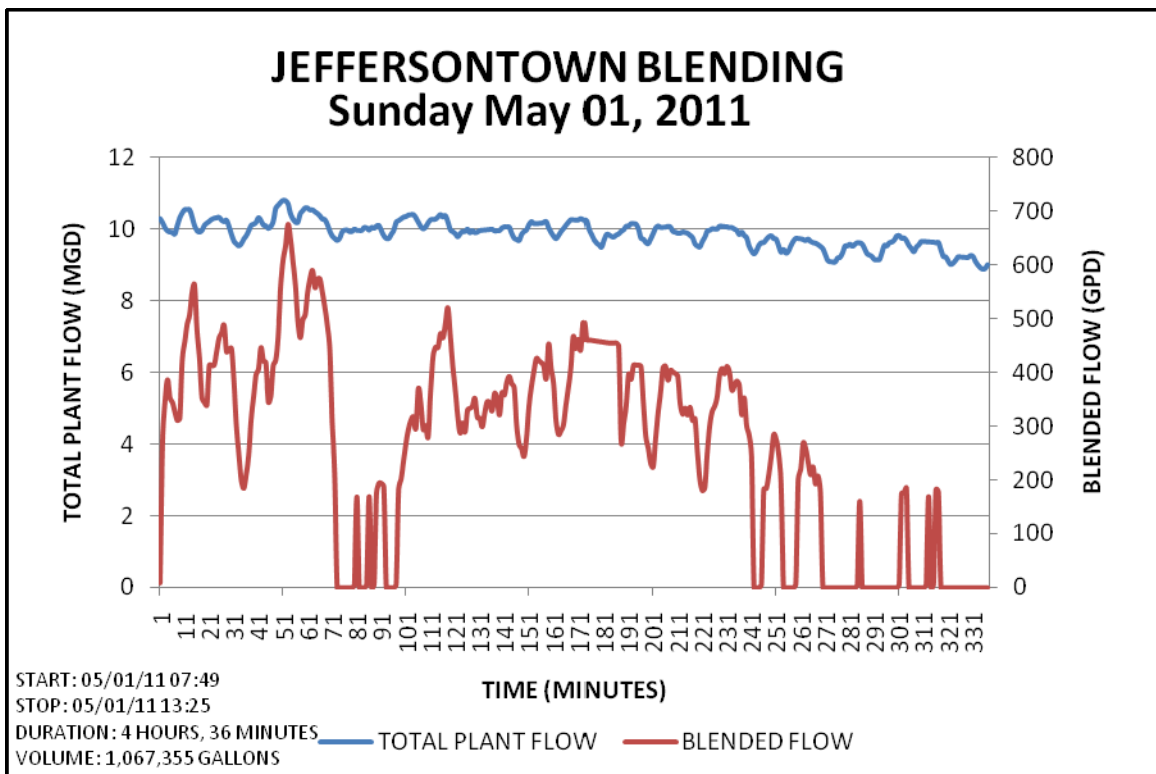
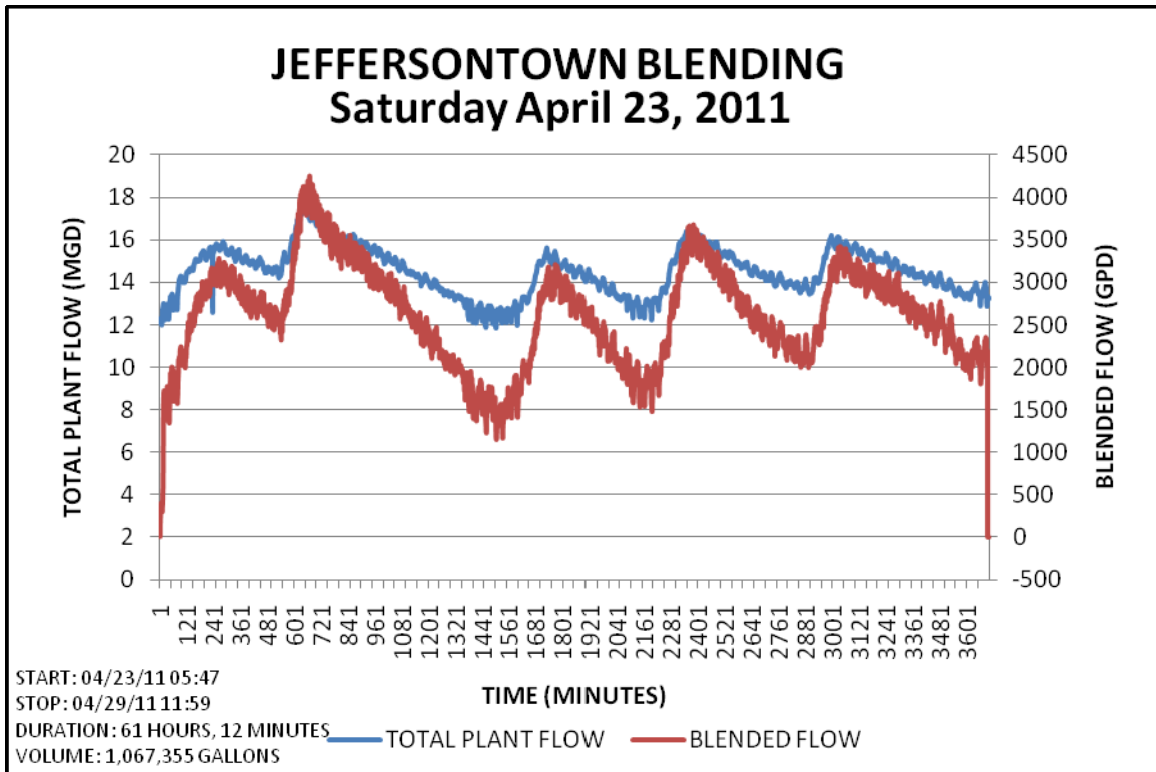
- Included in **Appendix A-3** is a report that lists the details from the eight blending events that occurred at the Jeffersontown WQTC during this quarter. The following table lists the date of each event; the following charts show plant flow at the Jeffersontown WQTC when blending

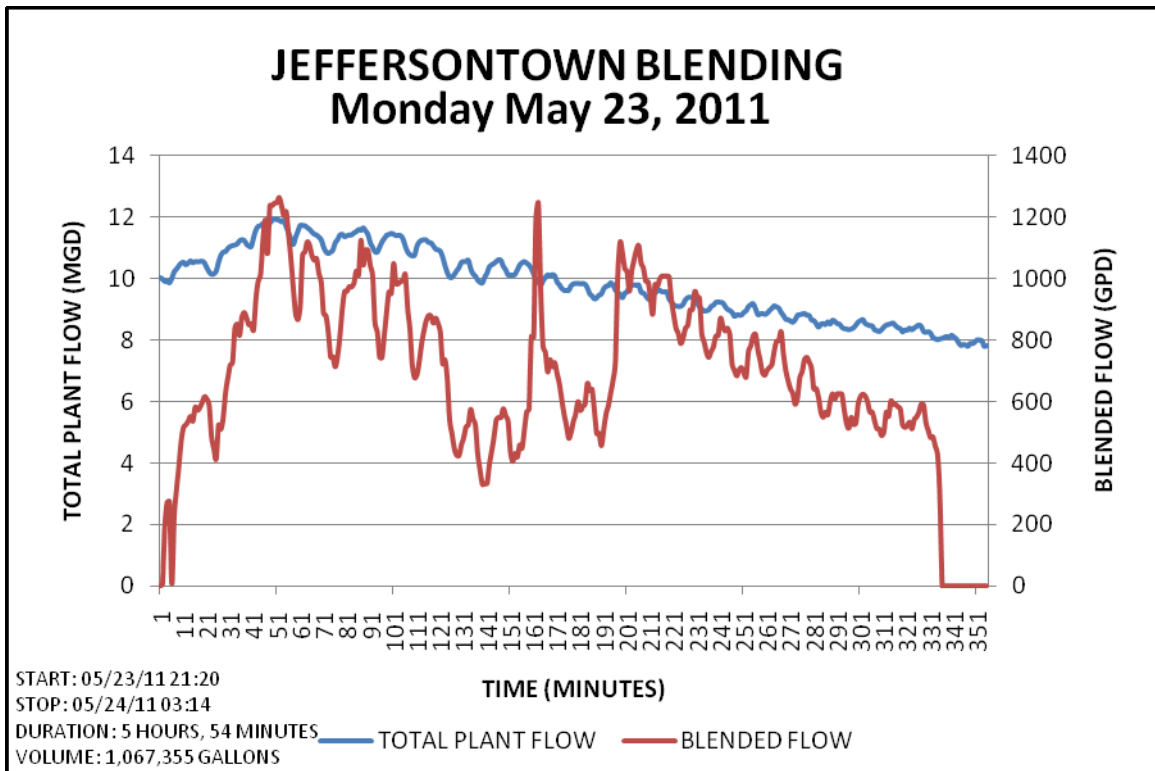
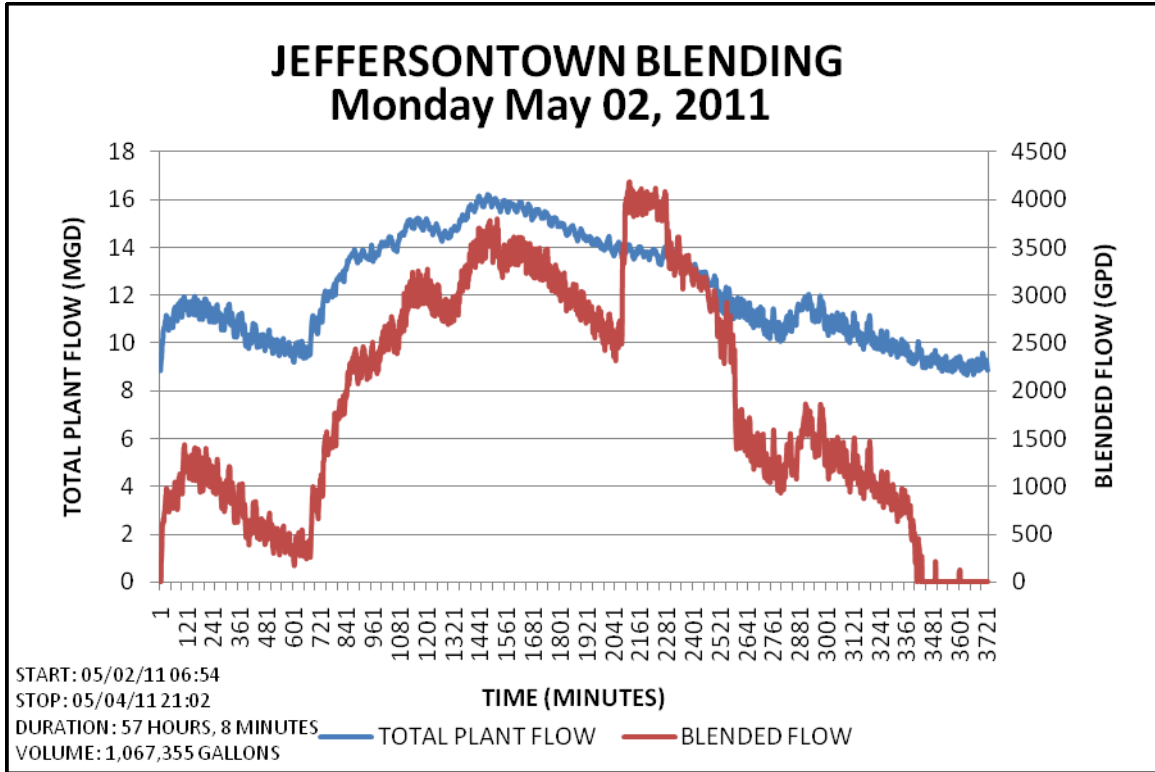
Q23 - Blending Events		
#	Date	Blended Volume
1	Monday, April 04, 2011	251,808
2	Monday, April 11, 2011	10,253,354
3	Saturday, April 23, 2011	16,950,522
4	Sunday, May 01, 2011	87,413
5	Monday, May 02, 2011	7,136,760
6	Monday, May 23, 2011	243,550
7	Thursday, May 26, 2011	3,247,272
8	Wednesday, June 22, 2011	3,181,344

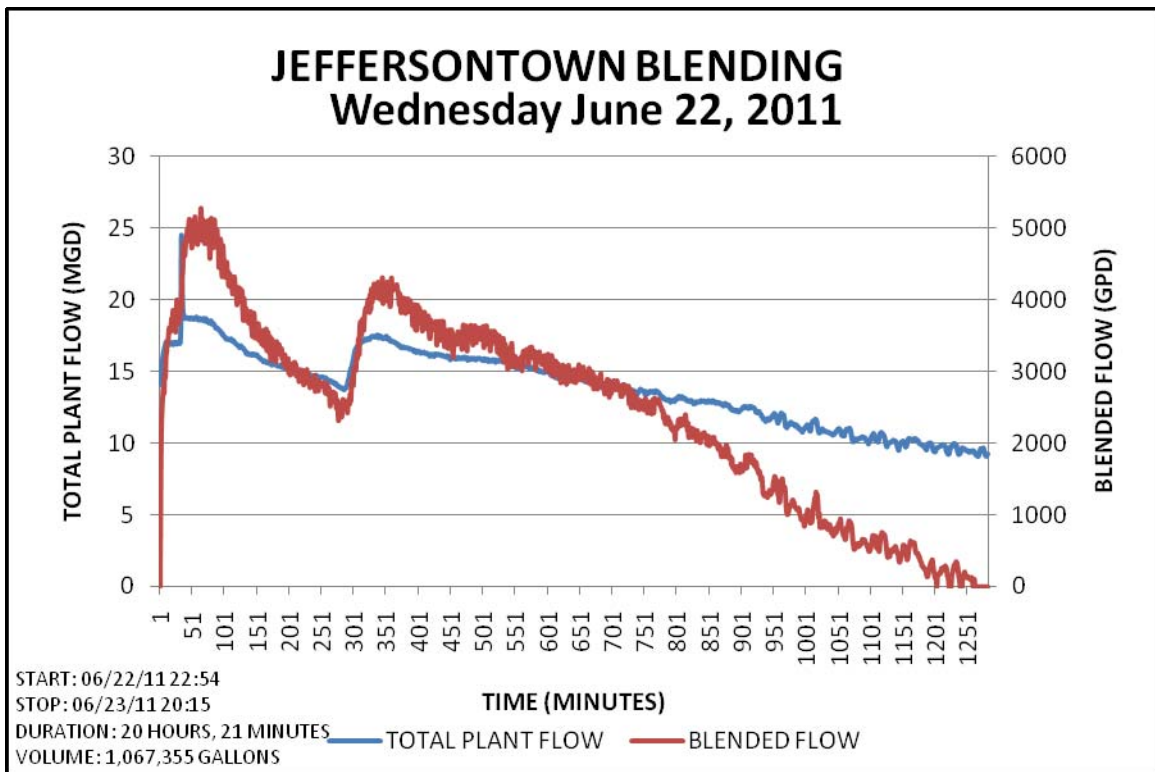
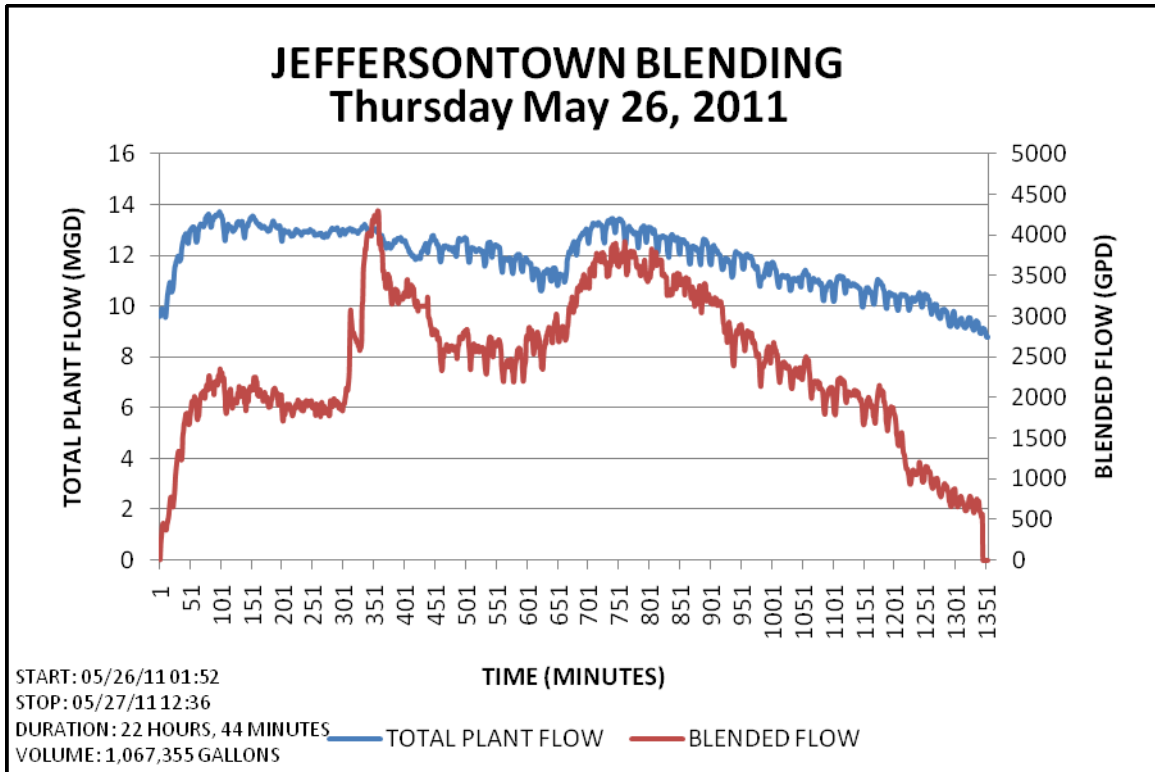
began. The data for these events indicate that MSD met the protocols outlined in Jeffersontown Wastewater Treatment Plant Process Control Program for the quarterly reporting period.

- See Section 5.4.1 for an update on the Comprehensive Performance Evaluations (CPE) /Composite Correction Plans (CCP) projects for the Jeffersontown WQTC.





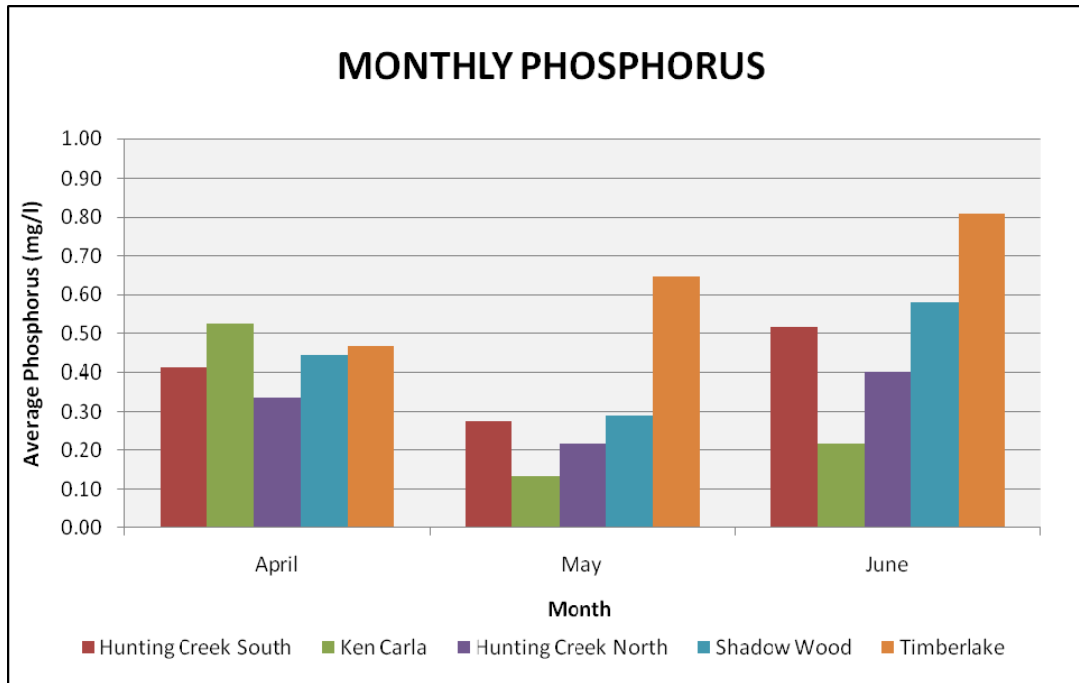






### 6.7 Phosphorus Monitoring at the Prospect WQTCs

As part of the Amended Consent Decree, MSD has agreed to submit phosphorus monitoring data including the calculations of monthly averages with the quarterly reports. MSD WQTCs were under the 1mg/l limit during the reporting period, per the Amended Consent Decree requirement. The following chart displays monthly average phosphorus results for the Prospect WQTCs.



Appendix A-1 - Discharge Work Orders – Waters of the United States

**APPENDIX A-1**  
**UNAUTHORIZED DISCHARGES**  
**TO WATERS OF UNITED STATES**  
**APRIL 1, 2011 THROUGH JUNE 30, 2011**

Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
HITE CREEK	KY0022420	7302 FLOYDSBURG RD	04/23/11 12:00: PM	04/24/11 11:40 PM	53,500 GAL	Sewer Manhole	108953	DITCH	FLOYDS FORK	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249350	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HITE CREEK	KY0022420	7302 FLOYDSBURG RD	05/03/11 5:00: PM	05/04/11 12:05 AM	4,250 GAL	Sewer Manhole	108953	DITCH	FLOYDS FORK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1258371	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
HITE CREEK	KY0022420	7302 FLOYDSBURG RD	05/26/11 11:30: AM	05/26/11 12:40 PM	140 GAL	Sewer Manhole	108953	DITCH	FLOYDS FORK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1269611	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HITE CREEK	KY0022420	7302 FLOYDSBURG RD	05/26/11 11:30: AM	05/26/11 12:40 PM	140 GAL	Sewer Manhole	108957	DITCH	FLOYDS FORK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1269609	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HITE CREEK	KY0022420	7302 FLOYDSBURG RD	04/12/11 1:00: AM	04/12/11 08:50 PM	29,750 GAL	Sewer Manhole	108958	CATCH BASIN	FLOYDS FORK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1242981	MSD RAKED & BAGGED DEBRIS; LIME WAS SPREAD	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HITE CREEK	KY0022420	7302 FLOYDSBURG RD	04/23/11 12:00: PM	04/24/11 11:40 PM	107,000 GAL	Sewer Manhole	108958	CATCH BASIN	FLOYDS FORK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1249348	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HITE CREEK	KY0022420	7302 FLOYDSBURG RD	05/03/11 5:00: PM	05/04/11 12:05 AM	10,625 GAL	Sewer Manhole	108958	CATCH BASIN	FLOYDS FORK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1258373	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
HITE CREEK	KY0022420	7302 FLOYDSBURG RD	05/26/11 11:30: AM	05/26/11 12:40 PM	140 GAL	Sewer Manhole	108958	CATCH BASIN	FLOYDS FORK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1269607	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HITE CREEK	KY0022420	3651 COLLINS LN	04/01/11 3:20: PM	04/01/11 05:55 PM	200 GAL	Sewer Manhole	29499	GROUND	HITE CREEK	ROOTS AND PAPER TOWELS IN MAIN SEWER	ROOTS	1238422	MSD PERSONNEL CLEANED AND SANTIZED THE IMPACTED AREA	WORK ORDER 1238433 - ROOTCUT AND OPEN THE MAIN SEWER
HITE CREEK	KY0022420	7250 FLOYDSBURG RD	05/26/11 11:30: AM	05/26/11 12:40 PM	140 GAL	Sewer Manhole	90776	DITCH	FLOYDS FORK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1269617	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HITE CREEK	KY0022420	7510 MEADOW STREAM CT	04/11/11 9:45: PM	04/13/11 12:00 AM	335,250 GAL	Sewer Manhole	91087	STREAM	SOUTH FORK HARRODS CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1244447	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HITE CREEK	KY0022420	7510 MEADOW STREAM CT	04/23/11 11:30: AM	04/26/11 12:00 PM	652,500 GAL	Sewer Manhole	91087	STREAM	SOUTH FORK HARRODS CREEK	LACK OF SYSTEM CAPACITY CAUSED BY RAIN EVENT	LACK OF SYSTEM CAPACITY	1249347	CONTRACTOR CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HITE CREEK	KY0022420	7510 MEADOW STREAM CT	05/03/11 5:35: PM	05/04/11 06:00 AM	112,500 GAL	Sewer Manhole	91087	STREAM	SOUTH FORK HARRODS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1258379	CONTRACTOR CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
HITE CREEK	KY0022420	7511 MEADOW STREAM CT	04/27/11 5:05: AM	04/29/11 02:30 AM	348,125 GAL	Sewer Lift Station	MSD1082-PS	GROUND	FLOYDS FORK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT	LACK OF SYSTEM CAPACITY	1252989	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HITE CREEK	KY0022420	7250 FLOYDSBURG RD	04/27/11 4:40: AM	04/28/11 08:14 AM	4,350 GAL	Sewer Lift Station	MSD1086-PS	DITCH	FLOYDS FORK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1252986	MSD CLEANED & SANITIZED THE AREA	THE SOLUTION FOR THIS LOCATION CAN BE LOCATED INTHE IOAP PLAN
BERRYTOWN	KY0036501	1203 HEAFER RD	04/12/11 7:55: AM	04/13/11 11:45 AM	95,500 GAL	Sewer Manhole	24012	DITCH	CHENOWETH RUN,UPPER	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242915	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP PLAN.
BERRYTOWN	KY0036501	1203 HEAFER RD	04/23/11 9:00: AM	04/24/11 03:00 AM	54,000 GAL	Sewer Manhole	24012	DITCH	CHENOWETH RUN,UPPER	RAIN EVENT CAUSED LACK OF SYTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249275	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
BERRYTOWN	KY0036501	1203 HEAFER RD	04/27/11 4:07: AM	04/27/11 10:35 PM	44,750 GAL	Sewer Manhole	24012	DITCH	CHENOWETH RUN,UPPER	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1252851	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
BERRYTOWN	KY0036501	1201 HEAFER RD	04/27/11 8:30: AM	04/28/11 03:20 PM	185,000 GAL	Sewer Manhole	24013	DITCH	CHENOWETH RUN,UPPER	RAIN EVENT CAUSED A LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1252925	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP PLAN.

**APPENDIX A-1**  
**UNAUTHORIZED DISCHARGES**  
**TO WATERS OF UNITED STATES**  
**APRIL 1, 2011 THROUGH JUNE 30, 2011**

Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
BERRYTOWN	KY0036501	1203 HEAFER RD	04/12/11 7:50: AM	04/13/11 11:45 AM	23,875 GAL	Sewer Manhole	40099	DITCH	CHENOWETH RUN,UPPER	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242909	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP PLAN.
BERRYTOWN	KY0036501	1203 HEAFER RD	04/12/11 7:45: AM	04/13/11 11:45 AM	168,000 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	BYPASS AT WQTC	1242974	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS SITE IS INCLUDED IN THE IOAP PLAN.
BERRYTOWN	KY0036501	1203 HEAFER RD	04/23/11 8:40: AM	04/26/11 02:45 PM	231,250 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LACK OF SYSTEM CAPACITY CAUSED BY RAIN EVENT	BYPASS AT WQTC	1249265	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
BERRYTOWN	KY0036501	1203 HEAFER RD	04/27/11 8:30: AM	04/28/11 02:20 PM	179,000 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	BYPASS AT WQTC	1253476	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
BERRYTOWN	KY0036501	1203 HEAFER RD	05/02/11 9:00: AM	05/04/11 04:35 AM	103,750 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	DIGESTOR LEAKING	BYPASS AT WQTC	1255322	MSD CLEANED & SANITIZED THE AREA	DIGESTOR REPAIRED
BERRYTOWN	KY0036501	1203 HEAFER RD	05/26/11 4:40: AM	05/26/11 05:36 AM	18,200 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LOSS OF LG&E POWER & MSD GENERATOR FAILED TO PROVIDE CORRECT POWER CAUSING EQUIPMENT SHUTDOWN	BYPASS AT WQTC	1267804	NONE, INFLUENT DISCHARGED DIRECTLY TO STREAM & WASHED AWAY	HOOKED UP TEMPORARY GENERATOR MSD0020 TO REPLACE PERMANENT GENERATOR
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	04/27/11 10:00: AM	04/27/11 11:04 AM	1,280 GAL	Sewer Treatment Plant	MSD0228	STREAM	PENNSYLVANIA RUN	HOLE IN THE AERATION TANK NEAR THE TOP	BYPASS AT WQTC	1253083	MSD CLEANED & SANITIZED THE AREA	WILL PATCH THE HOLE WHEN WATER RECEDES
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	06/19/11 10:00: AM	06/19/11 10:30 AM	3,000 GAL	Sewer Treatment Plant	MSD0228	STREAM	PENNSYLVANIA RUN	LOSS OF LG&E POWER	BYPASS AT WQTC	1281379	MSD CLEANED & SANITIZED THE AREA	HOOKED UP MOBILE GENERATOR TO RESTORE POWER
STARVIEW	KY0031712	423 BERMUDA WAY	04/27/11 1:00: PM	04/27/11 03:38 PM	790 GAL	Sewer Manhole	31123	DITCH	CHENOWETH RUN,UPPER	LOSS OF LG&E POWER DUE TO STORM EVENT	POWER OUTAGE (LG&E)	1253351	MSD CLEANED & SANITIZED THE AREA	SET GENERATOR UP TO RESTORE POWER
STARVIEW	KY0031712	423 BERMUDA WAY	04/12/11 11:45: AM	04/12/11 05:05 PM	16,000 GAL	Sewer Treatment Plant	MSD0247	STREAM	CHENOWETH RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	BYPASS AT WQTC	1243215	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
STARVIEW	KY0031712	423 BERMUDA WAY	04/27/11 9:00: AM	04/28/11 02:35 AM	105,500 GAL	Sewer Treatment Plant	MSD0247	STREAM	CHENOWETH RUN	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	BYPASS AT WQTC	1252913	NO DEBRIS	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
STARVIEW	KY0031712	423 BERMUDA WAY	04/27/11 1:00: PM	04/27/11 03:38 PM	15,800 GAL	Sewer Lift Station	MSD0247B-PS	STREAM	CHENOWETH RUN	LOSS OF POWER FROM LG&E	BYPASS AT WQTC	1253358	MSD CLEANED & SANITIZED THE AREA	SET UP GENERATOR #MSD0017 75KW
JEFFERSONTOWN	KY0025194	4512 RAZOR CREEK WAY	05/26/11 8:15: AM	05/26/11 08:45 AM	60 GAL	Sewer Valve	108456-V	DITCH	RAZOR BRANCH	MECHANICAL FAILURE OF ARV VALVE	MECHANICAL FAILURE	1267875	MSD CLEANED & SANITIZED THE AREA	CLOSE VALVE ON ARV TO STOP FLOW
JEFFERSONTOWN	KY0025194	3258 RUCKRIEGEL PKY	04/11/11 8:52: PM	04/13/11 02:08 PM	1,255,250 GAL	Sewer Manhole	28173	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242582	DISCLN WO# 1244590	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3258 RUCKRIEGEL PKY	04/23/11 9:05: AM	05/05/11 12:54 PM	257,500 GAL	Sewer Manhole	28173	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249521	DISCLN WO# 1254182	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3258 RUCKRIEGEL PKY	05/02/11 10:09: PM	05/05/11 12:53 PM	207,000 GAL	Sewer Manhole	28173	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256203	DISCLN WO# 1258581	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3258 RUCKRIEGEL PKY	05/26/11 4:40: AM	05/26/11 06:25 AM	4,500 GAL	Sewer Manhole	28173	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1269613	DISCLN WO# 1269940	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3500 ST EDWARDS DR	04/23/11 5:20: PM	04/24/11 08:41 AM	113,500 GAL	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249732	DISCLN WO# 1252272	LOCATION INCLUDED IN IOAP
JEFFERSONTOWN	KY0025194	3500 ST EDWARDS DR	04/27/11 9:58: AM	05/05/11 01:05 PM	126,000 GAL	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253115	DISCLN WO# 1255305	LOCATION INCLUDED IN THE IOAP

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
JEFFERSONTOWN	KY0025194	3506 CHARLANE PKY	04/27/11 9:50: AM	05/05/11 01:02 PM	94,500 GAL	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253114	DISCLN WO# 1255302	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	9707 WILLOWWOOD WAY	04/12/11 2:10: AM	04/14/11 06:01 PM	8,500 GAL	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243032	DISCLN WO# 1243527	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	2901 LIVINGSTON AVE	04/11/11 11:08: PM	04/13/11 09:23 AM	262,250 GAL	Sewer Manhole	28395	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242844	DISCLN WO# 1244476	LOCATION INCLUDED IN IOAP
JEFFERSONTOWN	KY0025194	2901 LIVINGSTON AVE	04/23/11 5:40: PM	05/05/11 04:20 PM	124,000 GAL	Sewer Manhole	28395	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249733	DISCLN WO# 1254891	LOCATION INCLUDED IN IOAP
JEFFERSONTOWN	KY0025194	2901 LIVINGSTON AVE	05/03/11 8:48: AM	05/05/11 04:22 PM	41,000 GAL	Sewer Manhole	28395	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258161	DISCLN WO# 1258762	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3400 DELL RD	04/27/11 4:29: AM	05/05/11 04:41 PM	97,500 GAL	Sewer Manhole	28414	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252781	DISCLN WO# 1254926	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3400 DELL RD	05/03/11 8:20: AM	05/05/11 04:40 PM	67,500 GAL	Sewer Manhole	28414	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258157	DISCLN WO# 1258760	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3406 DELL RD	04/12/11 1:58: AM	04/15/11 04:35 PM	227,000 GAL	Sewer Manhole	28415	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243026	DISCLN WO# 1243899	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3406 DELL RD	04/23/11 4:16: PM	04/24/11 10:34 PM	232,000 GAL	Sewer Manhole	28415	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249731	DISCLN WO# 1252669	LOCATION INCLUDED IN IOAP
JEFFERSONTOWN	KY0025194	3406 DELL RD	04/27/11 6:59: AM	05/05/11 01:00 PM	77,250 GAL	Sewer Manhole	28415	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252963	DISCLN WO# 1254939	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3406 DELL RD	06/23/11 6:15: AM	06/25/11 10:20 AM	56,000 GAL	Sewer Manhole	28415	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286070	DISCLN WO# 1288561	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3501 MARLIN DR	04/12/11 1:52: AM	04/15/11 04:42 PM	215,000 GAL	Sewer Manhole	28416	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243024	DISCLN WO# 1244162	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3501 MARLIN DR	04/23/11 4:15: PM	04/24/11 08:38 AM	197,000 GAL	Sewer Manhole	28416	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249729	DISCLN WO# 1252264	LOCATION INCLUDED IN IOAP
JEFFERSONTOWN	KY0025194	3501 MARLIN DR	04/27/11 6:59: AM	05/05/11 12:58 PM	84,500 GAL	Sewer Manhole	28416	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252958	DISCLN WO# 1254934	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3506 DELL RD	04/12/11 1:45: AM	04/15/11 04:37 PM	117,000 GAL	Sewer Manhole	28417	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243021	DISCLN WO# 1244165	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3506 DELL RD	04/23/11 4:15: PM	04/24/11 08:38 AM	126,500 GAL	Sewer Manhole	28417	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY- HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249727	DISCLN WO# 1252261	LOCATION INCLUDED IN IOAP
JEFFERSONTOWN	KY0025194	3406 CHARLANE PKY	04/27/11 9:42: AM	05/05/11 04:23 PM	117,500 GAL	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253109	DISCLN WO# 1255296	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	11401 GRAND AVE	04/11/11 10:26: PM	04/13/11 09:15 AM	456,500 GAL	Sewer Manhole	28551	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242585	DISCLN WO# 1244585	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	11401 GRAND AVE	04/23/11 9:18: AM	05/05/11 12:52 PM	412,500 GAL	Sewer Manhole	28551	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249539	DISCLN WO# 1254188	LOCATION INCLUDED IN THE IOAP

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
JEFFERSONTOWN	KY0025194	11401 GRAND AVE	05/02/11 10:13: PM	05/05/11 01:02 PM	247,000 GAL	Sewer Manhole	28551	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256205	DISCLN WO# 1258585	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	9514 TAYLORSVILLE RD	04/27/11 10:29: AM	05/05/11 04:25 PM	87,500 GAL	Sewer Manhole	28711	DITCH	BEATTY BROOK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253119	DISCLN WO# 1255311	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	9514 TAYLORSVILLE RD	05/03/11 8:57: AM	05/05/11 04:26 PM	42,500 GAL	Sewer Manhole	28711	DITCH	BEATTY BROOK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258163	DISCLN WO# 1258776	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	9234 WENDELL CIR	04/27/11 9:00: AM	04/28/11 11:15 AM	3,200 GAL	Sewer Manhole	28714	GROUND	CHENOWETH RUN	HEAVY RAIN EVENT	LACK OF SYSTEM CAPACITY	1253211	DISCLN WO# 1263611	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR
JEFFERSONTOWN	KY0025194	9232 WENDELL CIR	04/27/11 8:30: AM	04/28/11 11:45 AM	114,450 GAL	Sewer Manhole	28721	GROUND	CHENOWETH RUN	HEAVY RAIN EVENT	PUMPED OVERFLOW	1253203	DISCLN WO# 1263608	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR
JEFFERSONTOWN	KY0025194	2409 PLANTSIDE DR	05/27/11 1:13: PM	05/27/11 01:14 PM	100 GAL	Sewer Manhole	29343-SM	GROUND	CHENOWETH RUN	PUMP AROUND PUMP FAILED	MECHANICAL FAILURE	1270123	NO CLEANUP REQUIRED NO SOLIDS OR DEBRIS	FIXED THE PUMP
JEFFERSONTOWN	KY0025194	2711 GRASSLAND DR	04/12/11 2:40: AM	04/15/11 04:39 PM	126,500 GAL	Sewer Manhole	31733	DITCH	BEATTY BROOK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243085	DISCLN WO# 1243862	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	2711 GRASSLAND DR	04/23/11 9:55: AM	05/05/11 04:45 PM	145,000 GAL	Sewer Manhole	31733	DITCH	BEATTY BROOK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249621	DISCLN WO# 1254195	LOCATION INCLUDED IN IOAP
JEFFERSONTOWN	KY0025194	2711 GRASSLAND DR	05/02/11 10:52: PM	05/05/11 04:29 PM	94,500 GAL	Sewer Manhole	31733	DITCH	BEATTY BROOK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256207	DISCLN WO# 1258589	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	2711 GRASSLAND DR	06/23/11 6:08: AM	06/25/11 01:54 PM	67,500 GAL	Sewer Manhole	31733	DITCH	BEATTY BROOK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286065	DISCLN WO# 1288556	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	3311 STONY BROOK DR	04/23/11 5:12: PM	04/23/11 08:30 PM	4,950 GAL	Sewer Manhole	61341-W	DITCH	FERN CREEK	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249633	NO DEBRIS; MANHOLE UNDER WATER	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
JEFFERSONTOWN	KY0025194	3311 STONY BROOK DR	04/27/11 4:50: AM	04/27/11 04:00 PM	9,999 GAL	Sewer Manhole	61341-W	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1252854	MSD CLEANED & SANITIZED AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR 7 EVALUATE FOR REPAIR
JEFFERSONTOWN	KY0025194	4710 CHENOWETH RUN RD	04/23/11 3:43: PM	04/24/11 12:00 PM	182,550 GAL	Sewer Manhole	64096	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249880	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
JEFFERSONTOWN	KY0025194	4710 CHENOWETH RUN RD	04/27/11 6:30: AM	04/28/11 05:00 AM	137,000 GAL	Sewer Manhole	64096	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1252866	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
JEFFERSONTOWN	KY0025194	4710 CHENOWETH RUN RD	05/03/11 8:05: AM	05/03/11 11:45 PM	235,000 GAL	Sewer Manhole	64096	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1256314	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
JEFFERSONTOWN	KY0025194	4710 CHENOWETH RUN RD	06/23/11 7:20: AM	06/23/11 07:00 PM	70,000 GAL	Sewer Manhole	64096	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1287468	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
JEFFERSONTOWN	KY0025194	3200 RUCKRIEGEL PKY	04/12/11 2:49: AM	04/12/11 02:09 PM	356,000 GAL	Sewer Manhole	64505	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243088	DISCLN WO# 1244439	LOCATION INCLUDED IN THE IOAP
JEFFERSONTOWN	KY0025194	11804 CHIPPEWA RIDGE LN	04/12/11 8:14: AM	04/12/11 01:00 PM	20,300 GAL	Sewer Manhole	92061	GROUND	CHENOWETH RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1243161	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
JEFFERSONTOWN	KY0025194	2807 SIX MILE LN	04/27/11 6:19: AM	04/28/11 12:00 PM	8,905 GAL	Sewer Lift Station	MSD0149-PS	DITCH	AVOCA CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1253232	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
JEFFERSONTOWN	KY0025194	2807 SIX MILE LN	05/02/11 10:30: PM	05/04/11 06:10 AM	385,500 GAL	Sewer Lift Station	MSD0149-PS	DITCH	AVOCA CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1256177	MSD CLEANED & SANITIZED AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
JEFFERSONTOWN	KY0025194	4710 CHENOWETH RUN RD	04/12/11 4:55: PM	04/12/11 05:00 PM	5 GAL	Sewer Lift Station	MSD0196-PS	STREAM	CHENOWETH RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1243555	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR AND EVALUATE FOR REPAIR
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	04/04/11 4:58: PM	04/04/11 10:06 PM	251,808 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1239619	NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	04/11/11 6:09: PM	04/13/11 12:44 PM	10,253,354 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	BLENDING AT JTOWN WQTC	1242536	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION.
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	04/23/11 5:47: AM	04/29/11 11:59 AM	16,950,522 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	BLENDING AT JTOWN WQTC	1249243	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	NOGOTATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	05/01/11 7:49: AM	05/01/11 01:25 PM	87,413 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1254919	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	05/02/11 6:54: AM	05/04/11 09:02 PM	7,136,760 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1254923	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	05/23/11 9:20: PM	05/24/11 03:14 AM	243,550 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1266663	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	05/26/11 1:52: AM	05/27/11 12:36 PM	3,247,272 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1267792	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	06/22/11 10:54: PM	06/23/11 08:15 PM	3,181,344 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1285823	NO CLEAN UP PERFORMED: PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
SILVER HEIGHTS	KY0028801	9412 SLAYTON CT	04/23/11 5:40: AM	04/23/11 06:06 AM	650 GAL	Sewer Manhole	61683	DITCH	MUD CREEK	LOSS OF LG&E POWER	POWER OUTAGE (LG&E)	1249246	MSD CLEANED & SANITIZED THE AREA	INSTALLED MOBILE GENERATOR FOR POWER
SILVER HEIGHTS	KY0028801	9412 SLAYTON CT	04/11/11 7:14: PM	04/11/11 07:18 PM	3,964 GAL	Sewer Lift Station	MSD0258A-LS	GROUND	MUD CREEK	SOLIDS WASHING OUT OVER THE WEIR DUE TO HEAVY RAINS IN AREA	BYPASS AT WQTC	1242548	NO CLEANUP POSSIBLE, DISCHARGE DIRECTLY TO STREAM	TURNED OFF BLOWERS TO STOP OVERFLOW
DEREK R. GUTHRIE	KY0078956	3434 FERN LEA RD	04/27/11 5:15: AM	04/27/11 12:55 PM	126,000 GAL	Sewer Manhole	04542	DITCH	HEATHERFIELD DITCH	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1252836	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	1714 LAMKINS CT	04/11/11 9:15: PM	04/12/11 12:00 PM	9,999 GAL	Sewer Manhole	04699-W	GROUND	MILL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242675	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	THE SOLUTION FOR THIS DISCHARGE IS FOUND IN THE IOAP PLAN.
DEREK R. GUTHRIE	KY0078956	1714 LAMKINS CT	06/23/11 1:00: AM	06/23/11 01:05 PM	9,999 GAL	Sewer Manhole	04699-W	GROUND	MILL CREEK	LACK OF SYSTEM CAPACITY - AREA FLOODED, PS SUBMERGED	LACK OF SYSTEM CAPACITY	1286137	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	9707 EL PRADO ST	05/26/11 1:10: PM	05/26/11 01:15 PM	5 GAL	Sewer Manhole	09729	DITCH	POND CREEK	LG&E POWER FAIL	POWER OUTAGE (LG&E)	1269743	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	6023 COOPER CHAPEL RD	04/04/11 6:18: PM	04/04/11 09:26 PM	3,760 GAL	Sewer Service Line	160264	GROUND	FISHPOOL CREEK	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1239632	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR AND EVALUATE FOR REPAIR.
DEREK R. GUTHRIE	KY0078956	6023 COOPER CHAPEL RD	04/11/11 7:40: PM	04/12/11 03:20 PM	59,000 GAL	Sewer Service Line	160264	GROUND	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242681	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	6023 COOPER CHAPEL RD	04/20/11 7:40: AM	04/20/11 07:45 AM	100 GAL	Sewer Service Line	160264	GROUND	FISHPOOL CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN TEH AREA	LACK OF SYSTEM CAPACITY	1248196	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	6023 COOPER CHAPEL RD	04/22/11 7:35: PM	04/22/11 08:40 PM	650 GAL	Sewer Service Line	160264	GROUND	FISHPOOL CREEK	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249208	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	6023 COOPER CHAPEL RD	04/27/11 7:50: AM	04/27/11 08:40 PM	22,200 GAL	Sewer Service Line	160264	GROUND	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1253062	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	6023 COOPER CHAPEL RD	05/03/11 1:10: AM	05/03/11 08:30 PM	122,400 GAL	Sewer Service Line	160264	GROUND	FISHPOOL CREEK	RAIN EVENT LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1256189	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
DEREK R. GUTHRIE	KY0078956	6023 COOPER CHAPEL RD	05/26/11 5:25: AM	05/26/11 09:00 AM	3,225 GAL	Sewer Service Line	160264	GROUND	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1267847	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	6023 COOPER CHAPEL RD	06/19/11 11:00: AM	06/19/11 02:00 PM	4,500 GAL	Sewer Service Line	160264	GROUND	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	POWER OUTAGE (LG&E)	1281380	MSD CLEANED & SANITIZED THE AREA	HAULING STATION
DEREK R. GUTHRIE	KY0078956	8301 SIESTA WAY	04/27/11 6:30: PM	04/27/11 07:00 PM	1 GAL	Sewer Manhole	17428	CATCH BASIN	SOUTHERN DITCH	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1253347	MSD WILL CLEAN IMPACTED AREA	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
DEREK R. GUTHRIE	KY0078956	5205 RONWOOD DR	04/27/11 8:09: AM	04/27/11 10:15 AM	24,000 GAL	Sewer Manhole	19360	GROUND	NORTHERN DITCH	LACK OF CAPACITY	LACK OF SYSTEM CAPACITY	1253037	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08.
DEREK R. GUTHRIE	KY0078956	5301 LAYNE RD	04/24/11 10:38: PM	04/24/11 10:48 PM	250 GAL	Sewer Manhole	19369	GROUND	SOUTHERN DITCH	LACK OF SYSTEM SURCHARGE	LACK OF SYSTEM CAPACITY	1250085	MSD PERSONNEL WILL CLEAN THE AFFECTED AREA	WORK ORDER# HAS BEEN CREATED TO CLEAN THE AFFECTED AREA ONCE RAIN DININISH
DEREK R. GUTHRIE	KY0078956	5301 LAYNE RD	04/27/11 6:20: AM	04/27/11 12:01 PM	33,000 GAL	Sewer Manhole	19369	GROUND	SOUTHERN DITCH	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252807	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
DEREK R. GUTHRIE	KY0078956	6615 MOORMAN RD	04/12/11 3:45: AM	04/14/11 10:46 AM	2,365,000 GAL	Sewer Manhole	22370	GROUND	MILL CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243094	DISCLN WO# 1244433	LOCATION INCLUDED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	6615 MOORMAN RD	04/27/11 12:14: PM	04/29/11 08:30 AM	2,150,000 GAL	Sewer Manhole	22370	GROUND	MILL CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253356	DISCLN WO# 1258178	LOCATION INCLUDED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	6615 MOORMAN RD	05/03/11 9:56: AM	05/07/11 12:00 PM	1,750,000 GAL	Sewer Manhole	22370	GROUND	MILL CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258192	DISCLN WO# 1260576	LOCATION INCLUDED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	6102 COOPER CHAPEL RD	06/19/11 11:05: AM	06/19/11 02:00 PM	640 GAL	Sewer Manhole	25479	CATCH BASIN	PENNSYLVANIA RUN	?? LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1281381	MSD CLEANED & SANITIZED THE AREA	STARTED HAULING TO PREVENT DISCHARGE
DEREK R. GUTHRIE	KY0078956	9317 LANTANA DR	04/20/11 7:45: AM	04/20/11 07:50 AM	50 GAL	Sewer Manhole	25484	STREAM	PENNSYLVANIA RUN	POWER FAIL DURING RAIN EVENT	POWER OUTAGE (LG&E)	1248192	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	9317 LANTANA DR	04/23/11 7:20: AM	04/23/11 11:20 AM	12,000 GAL	Sewer Manhole	25484	STREAM	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1249252	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	9317 LANTANA DR	04/27/11 7:35: AM	04/27/11 03:50 PM	432,000 GAL	Sewer Manhole	25484	STREAM	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1253063	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	9317 LANTANA DR	06/19/11 11:37: AM	06/19/11 02:10 PM	2,940 GAL	Sewer Manhole	25484	STREAM	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	POWER OUTAGE (LG&E)	1281383	MSD CLEANED & SANITIZED THE AREA	HAULING STATION
DEREK R. GUTHRIE	KY0078956	8304 CLOVERPORT DR	04/09/11 5:30: PM	04/09/11 06:00 PM	100 GAL	Sewer Manhole	29239	GROUND	PENNSYLVANIA RUN	ROOTS IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	1241997	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1239787, 1241999, AND 1242027 - ROOT CUT AND FLUSHED THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	8304 CLOVERPORT DR	04/23/11 12:40: PM	04/23/11 01:13 PM	100 GAL	Sewer Manhole	29685	STREAM	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249575	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	REFERRED TO CREW FOR TV INSPECTION



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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	6908 SANDSTONE BLVD	04/23/11 10:55: PM	04/23/11 11:50 PM	1,890 GAL	Sewer Manhole	29943	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249778	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08. □
DEREK R. GUTHRIE	KY0078956	6908 SANDSTONE BLVD	04/27/11 7:45: AM	04/27/11 11:35 AM	6,000 GAL	Sewer Manhole	29943	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252816	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08. □
DEREK R. GUTHRIE	KY0078956	6810 SANDSTONE BLVD	04/11/11 10:38: PM	04/12/11 02:10 PM	43,200 GAL	Sewer Manhole	29948	GROUND	FERN CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242592	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
DEREK R. GUTHRIE	KY0078956	6810 SANDSTONE BLVD	04/23/11 10:55: PM	04/23/11 11:50 PM	1,890 GAL	Sewer Manhole	29948	GROUND	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249792	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08.
DEREK R. GUTHRIE	KY0078956	6810 SANDSTONE BLVD	04/24/11 8:44: PM	04/25/11 12:53 AM	6,300 GAL	Sewer Manhole	29948	GROUND	FERN CREEK	LACK OF SYSTEM CAPACITY DUE TO HEAVY RAIN	LACK OF SYSTEM CAPACITY	1250083	MSD PERSONNEL WILL CLEAN THE AFFECTED AREA	WORK ORDER#1249793 HAS BEEN CREATED TO CLEAN THE AFFECTED AREA ONCE RAIN DIMINISH
DEREK R. GUTHRIE	KY0078956	6810 SANDSTONE BLVD	04/27/11 12:00: AM	04/28/11 06:53 AM	40,500 GAL	Sewer Manhole	29948	GROUND	FERN CREEK	LACK OF CAPACITY	LACK OF SYSTEM CAPACITY	1253871	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	6810 SANDSTONE BLVD	05/03/11 6:39: AM	05/03/11 02:48 PM	18,700 GAL	Sewer Manhole	29948	GROUND	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256218	MSD CLEANED AND SANITIZED	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08. □
DEREK R. GUTHRIE	KY0078956	6808 SANDSTONE BLVD	04/11/11 10:40: PM	04/12/11 02:10 PM	43,250 GAL	Sewer Manhole	31073	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242593	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
DEREK R. GUTHRIE	KY0078956	6808 SANDSTONE BLVD	04/23/11 10:55: PM	04/23/11 11:50 PM	1,890 GAL	Sewer Manhole	31073	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249782	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
DEREK R. GUTHRIE	KY0078956	6808 SANDSTONE BLVD	04/24/11 8:44: PM	04/25/11 01:51 AM	7,750 GAL	Sewer Manhole	31073	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY DUE TO HEAVY RAIN	LACK OF SYSTEM CAPACITY	1250073	MSD PERSONNEL WILL CLEAN THE IMPACTED AREA	WORK ORDER#1249784 HAS BEEN CREATED TO CLEAN THE AFFECTED AREA
DEREK R. GUTHRIE	KY0078956	6808 SANDSTONE BLVD	05/03/11 6:39: AM	05/03/11 02:48 PM	18,700 GAL	Sewer Manhole	31073	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256212	MSD CLEANED AND SANITIZED	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
DEREK R. GUTHRIE	KY0078956	6808 SANDSTONE BLVD	04/11/11 10:42: PM	04/12/11 02:10 PM	43,300 GAL	Sewer Manhole	31074	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242595	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
DEREK R. GUTHRIE	KY0078956	6808 SANDSTONE BLVD	04/23/11 10:55: PM	04/23/11 11:50 PM	1,890 GAL	Sewer Manhole	31074	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249788	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
DEREK R. GUTHRIE	KY0078956	6808 SANDSTONE BLVD	04/24/11 8:44: PM	04/25/11 01:51 AM	7,750 GAL	Sewer Manhole	31074	DITCH	FERN CREEK	LACK OF SYSTEM SURCHARGE	LACK OF SYSTEM CAPACITY	1250074	MSD PERSONNEL WILL CLEAN THE IMPACTED AREA	WORK ORDER#1249784 HAS BEEN CREATED TO CLEAN THE AFFECTED AREA WHEN RAIN DIMINISHES
DEREK R. GUTHRIE	KY0078956	6808 SANDSTONE BLVD	04/27/11 12:00: AM	04/28/11 06:54 AM	40,500 GAL	Sewer Manhole	31074	DITCH	FERN CREEK	LACK OF CAPACITY	LACK OF SYSTEM CAPACITY	1253849	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	6808 SANDSTONE BLVD	05/03/11 6:39: AM	05/03/11 02:48 PM	18,700 GAL	Sewer Manhole	31074	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256216	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08. □
DEREK R. GUTHRIE	KY0078956	6916 SANDSTONE BLVD	04/23/11 10:55: PM	04/23/11 11:50 PM	1,890 GAL	Sewer Manhole	31084	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249772	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08.
DEREK R. GUTHRIE	KY0078956	6707 W ORELL RD	04/12/11 3:47: AM	04/13/11 06:05 AM	135,000 GAL	Sewer Manhole	32682	STREAM	ALVEY DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243097	DISCLN WO# 1243536	LOCATION INCLUDED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	6707 W ORELL RD	04/23/11 6:19: PM	04/25/11 08:15 AM	1,900,000 GAL	Sewer Manhole	32682	STREAM	ALVEY DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249678	DISCLN WO# 1253434	LOCATION INCLUDED IN THE IOAP

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DEREK R. GUTHRIE	KY0078956	6707 W ORELL RD	04/27/11 9:59: AM	04/29/11 08:30 AM	2,300,000 GAL	Sewer Manhole	32682	STREAM	ALVEY DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253359	DISCLN WO# 1253434	LOCATION INCLUDED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	6903 CHARLES LINDSEY CT	05/03/11 6:00: PM	05/03/11 08:30 PM	1,500 GAL	Sewer Manhole	36419	GROUND	PENNSYLVANIA RUN	LEVEN : #2 PUMP WAS RUNNING #1 TRIPPED OUT ON OVERLOAD RESET CONTROL PUMP STARTED SMOKING AND OVERFLOWING WET WELL AND SMH	ELECTRICAL PROBLEMS AT MSD	1258395	MSD CLEANED & SANITIZED THE AREA	ELETRICIAN GOING TO STATION FOR REPAIRS
DEREK R. GUTHRIE	KY0078956	6300 HANSES DR	04/12/11 3:50: AM	04/12/11 12:20 PM	12,750 GAL	Sewer Manhole	54615	GROUND	BLUE SPRING DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242649	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
DEREK R. GUTHRIE	KY0078956	6300 HANSES DR	04/27/11 10:15: AM	04/28/11 08:00 AM	33,000 GAL	Sewer Manhole	54615	GROUND	BLUE SPRING DITCH	LACK OF CAPACITY	LACK OF SYSTEM CAPACITY	1253046	MSD CLEANED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	6300 HANSES DR	05/03/11 10:48: AM	05/03/11 01:12 PM	4,500 GAL	Sewer Manhole	54615	GROUND	BLUE SPRING DITCH	LACK OF CAPACITY	LACK OF SYSTEM CAPACITY	1258028	NO CLEANUP NEEDED	MSD ADVISED CUSTOMER BY DOOR CARD
DEREK R. GUTHRIE	KY0078956	9114 CINDERELLA LN	04/12/11 9:00: AM	04/12/11 05:30 PM	51,000 GAL	Sewer Manhole	60679	DITCH	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1243291	PIPE DISCHARGE SUBMERGED- NO CLEANUP	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	9114 CINDERELLA LN	04/23/11 11:57: PM	04/25/11 02:30 PM	54,825 GAL	Sewer Manhole	60679	DITCH	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1249741	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	9114 CINDERELLA LN	04/27/11 7:45: AM	04/27/11 02:30 PM	81,000 GAL	Sewer Manhole	60679	DITCH	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1253060	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	9114 CINDERELLA LN	05/03/11 1:36: AM	05/03/11 10:30 PM	99,000 GAL	Sewer Manhole	60679	DITCH	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1256188	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
DEREK R. GUTHRIE	KY0078956	9114 CINDERELLA LN	05/26/11 4:40: AM	05/26/11 09:05 AM	13,250 GAL	Sewer Manhole	60679	DITCH	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1267854	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	6308 HANSES DR	04/12/11 3:50: AM	04/12/11 12:20 PM	12,750 GAL	Sewer Manhole	79076	GROUND	BLUE SPRING DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242655	MSD CLEANED AND SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
DEREK R. GUTHRIE	KY0078956	6308 HANSES DR	05/03/11 10:33: AM	05/03/11 01:12 PM	4,500 GAL	Sewer Manhole	79076	GROUND	BLUE SPRING DITCH	LACK OF SYSTEM CAPACITY DUE TO HEAVY RAIN	LACK OF SYSTEM CAPACITY	1257871	MSD CLEANED AND SANITIZED	SOLUTION IS PART OF THE IOAP
DEREK R. GUTHRIE	KY0078956	7801 EDSEL LN	04/12/11 1:09: AM	04/12/11 05:00 PM	17,550 GAL	Sewer Manhole	92098	GROUND	FERN CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1243090	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL BE MONITORED & EVALUATED FOR REPAIR
DEREK R. GUTHRIE	KY0078956	7801 EDSEL LN	04/27/11 5:30: PM	04/28/11 02:00 AM	127,500 GAL	Sewer Manhole	92099	GROUND	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1253375	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	7801 EDSEL LN	05/03/11 5:50: AM	05/03/11 07:52 PM	8,420 GAL	Sewer Manhole	92099	GROUND	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1256196	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	9317 LANTANA DR	04/12/11 9:35: AM	04/12/11 12:15 PM	7,750 GAL	Sewer Manhole	93719	DITCH	PENNSYLVANIA RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1243293	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	9317 LANTANA DR	05/03/11 12:57: AM	05/03/11 07:02 PM	10,200 GAL	Sewer Manhole	93719	DITCH	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1256190	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
DEREK R. GUTHRIE	KY0078956	9317 LANTANA DR	05/26/11 5:00: AM	05/26/11 09:10 AM	1,250 GAL	Sewer Manhole	93719	DITCH	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1267860	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	7804 EDSEL LN	04/27/11 5:30: PM	04/28/11 02:00 AM	127,500 GAL	Sewer Manhole	94009	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1253360	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	7804 EDSEL LN	05/03/11 5:50: AM	05/03/11 07:52 PM	16,840 GAL	Sewer Manhole	94009	DITCH	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1256197	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVETN RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	11400 INTERCHANGE DR	04/18/11 1:15: PM	04/18/11 02:24 PM	60 GAL	Sewer Manhole	96724	GROUND	BRAINER CREEK	OBSTRUCTION IN MANHOLE	OBSTRUCTION-NOT GREASE / ROOTS	1245813	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1245830 - FLUSHED AND OPEN THE MAIN SEWER
DEREK R. GUTHRIE	KY0078956	3304 FERN LEA RD	04/12/11 5:43: AM	04/12/11 10:22 AM	69,750 GAL	Sewer Lift Station	MSD0043-PS	DITCH	PADDY RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1242693	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	3951 CANE RUN RD	04/12/11 6:10: AM	04/12/11 08:05 AM	28,750 GAL	Sewer Lift Station	MSD0044-PS	GROUND	LYNNVIEW DITCH	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1242698	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	3434 FERN LEA RD	04/12/11 5:24: AM	04/12/11 10:45 AM	79,750 GAL	Sewer Lift Station	MSD0047-PS	CATCH BASIN	MILL CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1242696	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	3434 FERN LEA RD	04/27/11 4:40: AM	04/27/11 12:45 PM	162,000 GAL	Sewer Lift Station	MSD0047-PS	CATCH BASIN	MILL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1252831	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	3706 NOBEL CT	04/27/11 7:40: AM	04/27/11 01:15 PM	108,000 GAL	Sewer Lift Station	MSD0049-PS	GROUND	MILL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA.	PUMPED OVERFLOW	1252817	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	3706 NOBEL CT	06/22/11 11:40: PM	06/23/11 02:00 AM	9,999 GAL	Sewer Lift Station	MSD0049-PS	GROUND	MILL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1286145	MSD RAKED, LIMED & SANITIZED THE AREA	THIS LOCATION FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	1900 GARRS LN	04/27/11 4:10: AM	04/27/11 12:30 PM	162,000 GAL	Sewer Lift Station	MSD0050-PS	DITCH	MILL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1252826	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVETN RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	1900 GARRS LN	05/26/11 3:30: AM	05/26/11 04:30 AM	300 GAL	Sewer Lift Station	MSD0050-PS	DITCH	MILL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1267853	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	7808 MANSCLICK RD	04/12/11 4:24: AM	04/12/11 09:11 AM	71,750 GAL	Sewer Lift Station	MSD0143-PS	DITCH	POND CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1242694	MSD CLEANED & SANITIZED THE AREA	THIS SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	11621 LOWER RIVER RD	06/19/11 8:15: AM	06/19/11 08:40 AM	364,000 GAL	Sewer Treatment Plant	MSD0277	STREAM	OHIO RIVER	LOSS OF POWER FROM LG&E	BYPASS AT WQTC	1281376	NO CLEAN UP PERFORMED ? PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER	LG&E RESTORED POWER
DEREK R. GUTHRIE	KY0078956	11621 LOWER RIVER RD	06/19/11 2:30: PM	06/19/11 03:10 PM	596,409 GAL	Sewer Treatment Plant	MSD0277	STREAM	OHIO RIVER	LOSS OF POWER FROM LG&E	BYPASS AT WQTC	1281402	NO CLEANUP PERFORMED PIPES DISCHARGED UNDERWATER DIRECTLY INTO RIVER	LG&E RESTORED POWER
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/12/11 12:01: AM	04/12/11 08:05 PM	1,143,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	PUMPED OVERFLOW	1243165	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/12/11 2:35: AM	04/12/11 08:05 PM	432,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN TEH AREA	PUMPED OVERFLOW	1243168	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/12/11 2:55: AM	04/12/11 08:05 PM	432,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN TEH AREA	PUMPED OVERFLOW	1243172	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/12/11 6:50: AM	04/12/11 08:05 PM	1,143,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	PUMPED OVERFLOW	1243173	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/23/11 7:10: PM	04/24/11 01:00 AM	350,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1249661	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/23/11 7:45: PM	04/23/11 09:50 PM	56,250 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	PUMPED OVERFLOW	1249804	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THSI LOCATION CAN BE FOUND IN THE IOAP

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/23/11 7:45: PM	04/24/11 01:00 AM	315,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	RAIN EVENT CAUSED PUMPED OVERFLOW	PUMPED OVERFLOW	1249805	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/23/11 7:45: PM	04/24/11 01:00 AM	126,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	RAIN EVENT CAUSED PUMPED OVERFLOW	PUMPED OVERFLOW	1249808	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/24/11 8:50: PM	04/25/11 02:00 PM	1,800,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	PUMPED OVERFLOW	1250075	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/24/11 9:00: PM	04/25/11 03:40 PM	744,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	PUMPED OVERFLOW	1250076	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/24/11 9:20: PM	04/25/11 03:40 PM	1,860,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	PUMPED OVERFLOW	1250077	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	04/24/11 9:40: PM	04/25/11 02:00 PM	720,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	PUMPED OVERFLOW	1250078	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	05/03/11 1:30: AM	05/03/11 09:00 PM	1,230,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY	PUMPED OVERFLOW	1256192	MSD CLEANED & SANITIZED THE AREA	THE SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	05/03/11 1:30: AM	05/03/11 11:30 PM	828,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY	PUMPED OVERFLOW	1256193	MSD CLEANED & SANITIZED THE AREA	THE SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	05/03/11 1:30: AM	05/03/11 09:00 PM	738,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY	PUMPED OVERFLOW	1256194	MSD CLEANED & SANITIZED THE AREA	THE SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	05/03/11 5:20: AM	05/03/11 07:15 PM	861,000 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	PUMPED OVERFLOW	1258393	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	06/23/11 12:50: AM	06/23/11 08:30 AM	193,500 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1286047	MSD CLEANED & SANITIZED THE AREA	TRASH PUMP SET UP
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	06/23/11 12:50: AM	06/23/11 08:30 AM	193,500 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1286048	MSD CLEANED & SANITIZED THE AREA	TRASH PUMP SET UP
DEREK R. GUTHRIE	KY0078956	5006 LEA ANN WAY	06/23/11 12:51: AM	06/23/11 08:30 AM	193,500 GAL	Sewer Lift Station	MSD1010-PS	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1286045	MSD CLEANED & SANITIZED THE AREA	TRASH PUMP SET UP
DEREK R. GUTHRIE	KY0078956	10601 LEVEN BLVD	05/03/11 6:00: PM	05/03/11 08:30 PM	7,500 GAL	Sewer Lift Station	MSD1019-PS	STREAM	PENNSYLVANIA RUN	LEVEN : #2 PUMP WAS RUNNING #1 TRIPPED OUT ON OVERLOAD RESET CONTROL PUMP STARTED SMOKING AND OVERFLOWING WET WELL	ELECTRICAL PROBLEMS AT MSD	1258396	MSD CLEANED & SANITIZED THE AREA	ELECTRICIAN MADE REPAIRS TO STATION
DEREK R. GUTHRIE	KY0078956	7801 EDSEL LN	04/27/11 5:00: AM	04/28/11 02:00 AM	25,200 GAL	Sewer Lift Station	MSD1048-PS	GROUND	FERN CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1252844	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
DEREK R. GUTHRIE	KY0078956	6500 MOUNT WASHINGTON RD	04/30/11 12:00: PM	04/30/11 12:08 PM	800 GAL	Sewer Main	MSD1147-PS	DITCH	PENNSYLVANIA RUN	STRUCTURE FAILURE, PIPE FROM #2 PUMP TO VALVE VAULT	STRUCTURAL FAILURE	1254786	MSD RAKED, CLEANED & SANITIZED THE AREA	TURNED OFF THE #2 PUMP & STARTED THE # 1 PUMP
DEREK R. GUTHRIE	KY0078956	6926 SANDSTONE BLVD	05/03/11 7:57: AM	05/03/11 01:12 PM	4,500 GAL	Sewer Service Line	PB17665019	GROUND	FERN CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256296	MSD CLEANED AND SANITIZED AREA	SOLUTION IS PART OF IOAP
MORRIS FORMAN	KY0022411	804 N ARBOR DR	04/12/11 4:00: AM	04/12/11 07:10 PM	45,500 GAL	Sewer Manhole	00056-W	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1243100	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	804 N ARBOR DR	05/02/11 8:45: AM	05/02/11 09:00 AM	375 GAL	Sewer Manhole	00056-W	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1255319	NO CLEANUP POSSIBLE DUE TO REOCCURRING DISCHARGE WO#1256176	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN.

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MORRIS FORMAN	KY0022411	804 N ARBOR DR	06/23/11 9:05: AM	06/23/11 04:50 PM	6,975 GAL	Sewer Manhole	00056-W	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1287471	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	806 PINE WAY	04/23/11 5:30: PM	05/04/11 09:15 AM	383,625 GAL	Sewer Manhole	00057-W	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249649	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	806 PINE WAY	05/03/11 8:25: AM	05/03/11 08:26 AM	25 GAL	Sewer Manhole	00057-W	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1256281	NO CLEANUP DUE TO RECURRING DISCHARGE WO# 1256281	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
MORRIS FORMAN	KY0022411	806 PINE WAY	06/23/11 8:50: AM	06/23/11 08:55 AM	10 GAL	Sewer Manhole	00057-W	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1287473	MSD CLEANED & SANITIZED THE AREA	THIS SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	804 N ARBOR DR	04/12/11 4:00: AM	04/12/11 07:10 PM	22,750 GAL	Sewer Manhole	000746	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1243151	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	804 N ARBOR DR	04/23/11 10:00: AM	04/24/11 07:45 AM	32,625 GAL	Sewer Manhole	000746	DITCH	MIDDLE FORK BEARGRASS CREEK	RAIN EVENT CAUSED A LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249308	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	804 N ARBOR DR	05/02/11 8:58: PM	05/04/11 03:55 AM	46,425 GAL	Sewer Manhole	000746	DITCH	MIDDLE FORK BEARGRASS CREEK	RAIN EVENT CAUSED DISCHARGE AND LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1256176	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
MORRIS FORMAN	KY0022411	9 MUIRFIELD PL	04/12/11 9:30: AM	04/12/11 06:42 PM	127,500 GAL	Sewer Manhole	01793	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243162	DISCLN WO# 1243802	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	9 MUIRFIELD PL	04/23/11 5:24: PM	05/05/11 09:45 AM	110,000 GAL	Sewer Manhole	01793	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249723	DISCLN WO# 1254888	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	7900 SHELBYVILLE RD	04/12/11 12:04: AM	04/14/11 07:26 AM	245,000 GAL	Sewer Manhole	02933	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242953	DISCLN WO# 1244425	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7900 SHELBYVILLE RD	04/23/11 9:11: AM	05/05/11 02:00 PM	295,000 GAL	Sewer Manhole	02933	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249512	DISCLN WO# 1254172	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7900 SHELBYVILLE RD	05/02/11 10:57: PM	05/05/11 12:00 PM	61,000 GAL	Sewer Manhole	02933	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256252	DISCLN WO# 1258708	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7900 SHELBYVILLE RD	06/23/11 2:30: AM	06/23/11 09:38 PM	64,500 GAL	Sewer Manhole	02933	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287402	DISCLN WO# 1287879	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7900 SHELBYVILLE RD	04/12/11 12:02: AM	04/13/11 07:23 AM	715,000 GAL	Sewer Manhole	02935	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242928	DISCLN WO# 1244427	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7900 SHELBYVILLE RD	04/23/11 9:06: AM	05/05/11 10:00 AM	174,500 GAL	Sewer Manhole	02935	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249509	DISCLN WO# 1254169	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7900 SHELBYVILLE RD	05/03/11 3:45: AM	05/05/11 10:45 AM	49,000 GAL	Sewer Manhole	02935	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256244	DISCLN WO# 1258705	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4315 PRUITT CT	04/23/11 11:00: AM	05/05/11 04:00 PM	215,000 GAL	Sewer Manhole	08426	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249704	DISCLN WO# 1254880	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4315 PRUITT CT	05/02/11 11:28: PM	05/05/11 04:00 PM	126,000 GAL	Sewer Manhole	08426	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258124	DISCLN WO# 1258490	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4313 PRUITT CT	04/12/11 4:01: AM	04/15/11 05:26 PM	355,000 GAL	Sewer Manhole	08427	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243009	DISCLN WO# 1244207	LOCATION INCLUDED IN THE IOAP

**APPENDIX A-1**  
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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4313 PRUITT CT	04/23/11 11:05: AM	05/05/11 04:00 PM	112,000 GAL	Sewer Manhole	08427	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249703	DISCLN WO# 1254285	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4313 PRUITT CT	05/02/11 11:25: PM	05/04/11 04:35 AM	77,500 GAL	Sewer Manhole	08427	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258114	DISCLN WO# 1258475	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4313 PRUITT CT	06/22/11 11:40: PM	06/23/11 06:36 PM	16,500 GAL	Sewer Manhole	08427	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286805	DISCLN WO# 1287998	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4341 PRUITT CT	04/23/11 11:10: AM	05/05/11 04:00 PM	62,500 GAL	Sewer Manhole	08430	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249705	DISCLN WO# 1253620	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	4341 PRUITT CT	05/02/11 11:21: PM	05/05/11 04:00 PM	63,500 GAL	Sewer Manhole	08430	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258128	DISCLN WO# 1258514	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4341 PRUITT CT	06/22/11 11:49: PM	06/23/11 06:33 PM	12,000 GAL	Sewer Manhole	08430	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286812	DISCLN WO# 1288000	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4339 PRUITT CT	04/12/11 4:08: AM	04/14/11 05:49 PM	275,250 GAL	Sewer Manhole	08431	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243037	DISCLN WO# 1243897	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4332 PRUITT CT	04/12/11 11:15: AM	04/14/11 05:51 PM	21,250 GAL	Sewer Service Line	085100290046 A	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243525	DISCLN WO# 1243744	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3417 BENNETT LN	04/12/11 3:05: AM	04/12/11 08:04 AM	7,433,333 GAL	Sewer Manhole	08537	STREAM	GREASY DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243620	DISCLN WO# 1244422	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3726 FINCASTLE RD	04/27/11 3:03: AM	05/04/11 02:12 PM	72,000 GAL	Sewer Manhole	08717	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253436	DISCLN WO# 1255406	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3726 FINCASTLE RD	06/22/11 11:15: PM	06/28/11 12:45 PM	15,000 GAL	Sewer Manhole	08717	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286078	DISCLN WO# 1287764	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	04/11/11 6:11: PM	04/14/11 12:37 AM	18,668,406 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242537	CLEAN UP NOT POSSIBLE - OVERFLOW DISCHARGE SUBMERGED	LOCATION INCLUDED IN THE ISSDP
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	04/16/11 8:26: AM	04/16/11 11:12 PM	1,331,416 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1245999	CLEAN UP NOT POSSIBLE - OVERFLOW DISCHARGE SUBMERGED	LOCATION INCLUDED IN THE SANITARY SEWER DIACHARGE PLAN
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	04/20/11 7:59: AM	04/20/11 12:25 PM	241,203 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1247724	CLEAN UP NOT POSSIBLE - OVERFLOW DISCHARGE SUBMERGED	LOCATION INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	04/23/11 5:05: AM	04/29/11 08:45 PM	44,938,871 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249544	NO CLEANUP OCCURRED, PIPE DISCHARGE SUBMERGED	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	05/26/11 9:06: AM	05/26/11 09:19 AM	1,342 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1269790	CLEANUP NOT POSSIBLE, DISCHARGE PIPE SUBMERGED	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	06/22/11 11:00: PM	06/23/11 08:40 PM	5,665,357 GAL	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1285801	NO CLEAN UP REQUIRED, PIPE DISCHARGE SUBMERGED	LOCATION INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	342 MAC BRAE RD	04/27/11 7:15: AM	04/27/11 04:00 PM	540,000 GAL	Sewer Manhole	09960	GROUND	NORTHERN DITCH	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1253502	MSD CLEANED & SANITIZED THE AREA	SETUP AUXILLARY TRASH PUMP TO RELIEVE FLOW TO WET WELL.
MORRIS FORMAN	KY0022411	4119 LEE AVE	04/11/11 6:08: PM	04/15/11 05:17 PM	385,500 GAL	Sewer Manhole	104231	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242880	DISCLN WO# 1244473	LOCATION INCLUDED IN THE IOAP

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4119 LEE AVE	04/23/11 4:30: AM	05/05/11 04:35 PM	845,000 GAL	Sewer Manhole	104231	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249650	DISCLN WO# 1254226	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4119 LEE AVE	05/01/11 6:10: AM	05/05/11 04:38 PM	152,000 GAL	Sewer Manhole	104231	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1255544	DISCLN WO# 1259514	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4119 LEE AVE	05/23/11 8:32: PM	05/25/11 02:47 PM	36,000 GAL	Sewer Manhole	104231	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1266739	DISCLN WO# 1266859	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4119 LEE AVE	05/26/11 4:20: AM	06/07/11 02:16 PM	5,500 GAL	Sewer Manhole	104231	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1269783	DISCLN WO# 1270019	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4119 LEE AVE	06/15/11 11:05: AM	06/22/11 01:35 PM	100 GAL	Sewer Manhole	104231	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1280085	DISCLN WO# 1280088	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4119 LEE AVE	06/22/11 11:05: PM	06/28/11 12:37 PM	96,000 GAL	Sewer Manhole	104231	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286099	DISCLN WO# 1287757	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7713 WESTPORT RD	04/12/11 3:15: AM	04/12/11 04:00 PM	76,500 GAL	Sewer Manhole	105936	GROUND	GOOSE CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1242993	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	7713 WESTPORT RD	04/24/11 12:04: AM	04/26/11 12:30 PM	651,000 GAL	Sewer Manhole	105936	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1249738	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	7713 WESTPORT RD	04/27/11 11:40: AM	04/28/11 03:30 AM	417,500 GAL	Sewer Manhole	105936	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1253034	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	7713 WESTPORT RD	05/03/11 7:00: AM	05/04/11 11:00 AM	268,800 GAL	Sewer Manhole	105936	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1256242	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP PLAN
MORRIS FORMAN	KY0022411	208 BRUNSWICK RD	04/12/11 5:15: AM	04/12/11 03:30 PM	9,000 GAL	Sewer Manhole	115183	DITCH	MIDDLE FORK BEARGRASS CREEK	CAPACITY DUE TO RAIN EVENT	LACK OF SYSTEM CAPACITY	1242625	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	DISCOVERED OVERFLOW DURING RAIN EVENT
MORRIS FORMAN	KY0022411	208 BRUNSWICK RD	04/28/11 8:18: AM	05/05/11 09:05 AM	69,500 GAL	Sewer Manhole	115183	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256031	DISCLN WO# 1258451	NEW SSO LOCATION MSD IS LOOKING INTO SOLUTIONS
MORRIS FORMAN	KY0022411	207 BRUNSWICK RD	04/27/11 8:18: AM	05/05/11 09:05 AM	46,000 GAL	Sewer Manhole	115185	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253052	DISCLN WO# 1254960	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	207 BRUNSWICK RD	05/03/11 4:37: AM	05/05/11 09:05 AM	116,000 GAL	Sewer Manhole	115185	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256234	DISCLN WO# 1258625	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	210 BRUNSWICK RD	04/27/11 8:18: AM	05/05/11 09:15 AM	47,500 GAL	Sewer Manhole	115186	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253061	DISCLN WO# 1254968	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1562 MCKAY AVE	06/23/11 8:31: AM	06/23/11 08:40 AM	100 GAL	Sewer Manhole	13931	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287487	DISCLN WO# 1287889	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4119 LEE AVE	04/11/11 6:55: PM	04/15/11 05:19 PM	345,500 GAL	Sewer Manhole	13943	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242883	DISCLN WO# 1244471	LOCATIO INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4119 LEE AVE	04/23/11 4:29: AM	05/05/11 12:45 PM	17,000 GAL	Sewer Manhole	13943	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249652	DISCLN WO# 1254233	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4119 LEE AVE	05/01/11 6:05: AM	05/05/11 04:37 PM	32,000 GAL	Sewer Manhole	13943	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1255541	DISCLN WO# 1258746	LOCATION INCLUDED IN THE IOAP

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4119 LEE AVE	05/23/11 8:32: PM	05/25/11 02:45 PM	1,200 GAL	Sewer Manhole	13943	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1266744	DISCLN WO# 1266870	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4119 LEE AVE	06/22/11 11:06: PM	06/28/11 12:36 PM	4,500 GAL	Sewer Manhole	13943	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286102	DISCLN WO# 1287768	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1600 BELMAR DR	05/06/11 11:15: AM	05/06/11 11:20 AM	100 GAL	Sewer Manhole	13946	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1260422	DISCLN WO# 1260427	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2552 TREVILIAN WAY	04/27/11 10:30: AM	04/29/11 07:01 AM	76,500 GAL	Sewer Manhole	16110	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253138	DISCLN WO# 1255334	NEW SSO MSD IS LOOKING INTO A SOLUTION
MORRIS FORMAN	KY0022411	2552 TREVILIAN WAY	05/03/11 6:32: AM	05/05/11 04:00 PM	62,250 GAL	Sewer Manhole	16110	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256309	DISCLN WO# 1258458	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1726 FRASER DR	04/11/11 6:30: PM	04/14/11 10:15 PM	1,259,660 GAL	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242892	DISCLN WO# 1252222	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1726 FRASER DR	04/23/11 6:05: AM	05/09/11 09:15 AM	1,552,249 GAL	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249692	DISCLN WO# 1260562	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1726 FRASER DR	05/23/11 6:30: PM	05/27/11 07:45 PM	139,591 GAL	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1266762	DISCLN WO# 1278831	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1726 FRASER DR	06/22/11 9:00: PM	06/24/11 02:15 AM	571,551 GAL	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1288005	DISCLN WO# 1297488	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3022 BEAUMONT RD	04/25/11 2:00: PM	04/25/11 03:12 PM	100 GAL	Sewer Manhole	17592	GROUND	BROOKLAWN TRIBUTARY	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	1250627	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1250595 - ROOT CUT MAIN SEWER AREA
MORRIS FORMAN	KY0022411	3104 KIPLING WAY	05/03/11 12:45: PM	05/03/11 01:14 PM	20 GAL	Sewer Manhole	17605	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1258174	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	NO FUTHER MSD ACTION NEEDED
MORRIS FORMAN	KY0022411	3604 DOWNING WAY	04/23/11 5:15: PM	04/28/11 01:49 PM	71,000 GAL	Sewer Manhole	18134	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTYEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249717	DISCLN WO# 1254884	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	3604 DOWNING WAY	04/27/11 12:00: PM	05/05/11 04:00 PM	44,000 GAL	Sewer Manhole	18134	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253143	DISCLN WO# 1254884 (DISCLN FOR 1249716)	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3604 DOWNING WAY	05/03/11 5:15: AM	05/03/11 06:00 PM	7,650 GAL	Sewer Manhole	18134	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1256191	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	2201 GERALD CT	04/12/11 3:30: AM	04/14/11 05:48 PM	2,750,500 GAL	Sewer Manhole	18298	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243042	DISCLN WO# 1243894	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2201 GERALD CT	04/23/11 5:25: PM	05/05/11 04:00 PM	195,000 GAL	Sewer Manhole	18298	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249720	DISCLN WO# 1254886	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	2201 GERALD CT	06/23/11 1:05: AM	06/24/11 06:19 AM	108,000 GAL	Sewer Manhole	18298	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286783	DISCLN WO# 1288147	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2201 GERALD CT	04/12/11 9:37: AM	04/12/11 05:01 PM	175,000 GAL	Sewer Manhole	18299	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243102	DISCLN WO# 1243805	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2201 GERALD CT	04/23/11 10:27: AM	05/05/11 04:00 PM	6,200 GAL	Sewer Manhole	18299	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249691	DISCLN WO# 1254263	LOCATION INCLUDED IN THE IOAP



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**APRIL 1, 2011 THROUGH JUNE 30, 2011**

Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2201 GERALD CT	06/23/11 7:21: AM	06/23/11 12:12 PM	5,000 GAL	Sewer Manhole	18299	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY- HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286790	DISCLN WO# 1287801	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2240 LIVERPOOL LN	04/12/11 3:55: AM	04/17/11 08:29 AM	153,250 GAL	Sewer Manhole	18302	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243006	DISCLN WO# 1244318	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2240 LIVERPOOL LN	04/23/11 10:22: AM	05/05/11 04:00 PM	145,000 GAL	Sewer Manhole	18302	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249680	DISCLN WO# 1254242	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2240 LIVERPOOL LN	05/02/11 10:27: PM	05/05/11 04:00 PM	162,000 GAL	Sewer Manhole	18302	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258366	DISCLN WO# 1258789	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2240 LIVERPOOL LN	06/23/11 1:12: AM	06/23/11 12:30 PM	54,000 GAL	Sewer Manhole	18302	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286093	DISCLN WO# 1287759	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2328 MEDFORD LN	05/03/11 8:17: AM	05/04/11 07:40 AM	644,500 GAL	Sewer Manhole	18318	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA, PUMPED TO PREVENT HOMES FROM FLOODING	PUMPED OVERFLOW	1256325	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	2324 MEDFORD LN	04/27/11 10:45: AM	04/28/11 04:15 AM	397,500 GAL	Sewer Manhole	18319	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA, PUMPED TO AVOID FLOODING HOMES	PUMPED OVERFLOW	1253080	NONE NEEDED. □ PUMPED TO STORM DRAIN	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	04/11/11 8:20: PM	04/13/11 02:52 PM	4,696,600 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1242541	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	04/23/11 5:47: AM	04/26/11 11:10 PM	9,737,700 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1249239	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	04/27/11 2:52: AM	04/29/11 02:02 PM	6,423,100 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1252757	MSD PERSONNEL CLEANED AND SANITIZED THE AFFECTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	05/02/11 7:34: AM	05/02/11 03:43 PM	559,100 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1255348	MSD PERSONNEL CLEANED AND SANITIZED THE AFFECTED AREA.	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	05/02/11 6:55: PM	05/04/11 11:15 PM	4,919,000 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1256170	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	05/26/11 4:12: AM	05/26/11 01:32 PM	532,000 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1267750	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3107 DELL BROOKE AVE	06/22/11 11:20: PM	06/23/11 11:12 PM	2,672,200 GAL	Sewer Manhole	18471	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1285812	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	04/11/11 8:28: PM	04/13/11 01:50 PM	3,881,100 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1242542	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	04/23/11 5:53: AM	04/26/11 03:31 PM	7,797,400 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1249240	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	04/27/11 2:55: AM	04/29/11 08:42 AM	6,001,900 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1252758	MSD PERSONNEL CLEANED AND SANITIZED THE AFFECTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	05/02/11 7:40: AM	05/02/11 02:51 PM	465,700 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1255350	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	05/02/11 7:00: PM	05/04/11 12:30 PM	4,058,700 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1256171	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	05/26/11 4:40: AM	05/26/11 01:11 PM	485,500 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1267751	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3015 BOAIRES LN	06/22/11 11:31: PM	06/23/11 07:48 PM	2,333,500 GAL	Sewer Manhole	18483	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1285813	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3540 RAMONA AVE	04/11/11 8:33: PM	04/13/11 01:37 AM	1,661,400 GAL	Sewer Manhole	18505	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1242543	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3540 RAMONA AVE	04/23/11 6:01: AM	04/26/11 10:25 AM	8,051,900 GAL	Sewer Manhole	18505	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1249241	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3540 RAMONA AVE	04/27/11 3:05: AM	04/29/11 03:05 AM	3,582,900 GAL	Sewer Manhole	18505	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1252759	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3540 RAMONA AVE	05/03/11 12:01: AM	05/04/11 03:20 AM	1,918,900 GAL	Sewer Manhole	18505	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1256178	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3540 RAMONA AVE	06/22/11 11:36: PM	06/23/11 08:05 PM	1,740,100 GAL	Sewer Manhole	18505	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1285814	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3101 WEDGEWOOD WAY	04/11/11 8:37: PM	04/13/11 04:40 AM	1,826,900 GAL	Sewer Manhole	18595	DITCH	WEDGEWOOD DITCH	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1242546	MSD PERSONNEL CLEANED AND SANITIZED THE OVERFLOW SITE ONCE THE RAIN SUBSIDED	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3101 WEDGEWOOD WAY	04/23/11 6:13: AM	04/26/11 07:45 AM	4,191,400 GAL	Sewer Manhole	18595	DITCH	WEDGEWOOD DITCH	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1249242	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3101 WEDGEWOOD WAY	04/27/11 3:08: AM	04/29/11 02:10 AM	2,838,200 GAL	Sewer Manhole	18595	DITCH	WEDGEWOOD DITCH	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1252760	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3101 WEDGEWOOD WAY	05/02/11 8:02: AM	05/02/11 01:36 PM	317,300 GAL	Sewer Manhole	18595	DITCH	WEDGEWOOD DITCH	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1255351	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3101 WEDGEWOOD WAY	05/02/11 4:44: PM	05/04/11 04:00 PM	2,312,800 GAL	Sewer Manhole	18595	DITCH	WEDGEWOOD DITCH	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1256169	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3101 WEDGEWOOD WAY	05/26/11 3:47: AM	05/26/11 02:21 PM	602,300 GAL	Sewer Manhole	18595	DITCH	WEDGEWOOD DITCH	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1267749	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3101 WEDGEWOOD WAY	06/22/11 11:13: PM	06/23/11 07:15 PM	1,141,900 GAL	Sewer Manhole	18595	DITCH	WEDGEWOOD DITCH	SET PUMPS TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT	PUMPED OVERFLOW	1285811	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	4912 DELAWARE DR	04/27/11 5:56: AM	05/05/11 04:00 PM	113,500 GAL	Sewer Manhole	18654	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252791	DISCLN WO# 1253741	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4912 DELAWARE DR	05/03/11 5:55: AM	05/05/11 04:00 PM	90,500 GAL	Sewer Manhole	18654	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258139	DISCLN WO# 1258541	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4912 DELAWARE DR	06/22/11 11:54: PM	06/23/11 12:44 PM	27,000 GAL	Sewer Manhole	18654	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286803	DISCLN WO# 1287822	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3011 DERINGTON CT	04/12/11 3:50: AM	04/12/11 10:50 AM	21,000 GAL	Sewer Manhole	20154	DITCH	GOOSE CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242703	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	3012 MID DALE LN	04/12/11 6:33: AM	04/15/11 05:34 PM	225,000 GAL	Sewer Manhole	20644	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242966	DISCLN WO# 1244412	LOCATION IS INCLUDED IN THE IOAP

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MORRIS FORMAN	KY0022411	3012 MID DALE LN	04/23/11 4:25: PM	05/05/11 04:00 PM	255,250 GAL	Sewer Manhole	20644	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249709	DISCLN WO# 1253642	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3012 MID DALE LN	05/03/11 6:12: AM	05/05/11 04:00 PM	114,000 GAL	Sewer Manhole	20644	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258152	DISCLN WO# 1258551	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3012 MID DALE LN	06/22/11 8:48: PM	06/23/11 12:55 PM	21,500 GAL	Sewer Manhole	20644	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1288038	DISCLN WO# 1288155	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	207 BRUNSWICK RD	04/12/11 10:45: AM	04/12/11 02:30 PM	37,000 GAL	Sewer Manhole	21089	CATCH BASIN	UPPER SINKING FORK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243523	DISCLN WO# 1243787	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	207 BRUNSWICK RD	04/27/11 8:18: AM	05/05/11 09:05 AM	126,000 GAL	Sewer Manhole	21089	CATCH BASIN	UPPER SINKING FORK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252985	DISCLN WO# 1254948	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	207 BRUNSWICK RD	04/27/11 8:18: AM	05/05/11 09:05 AM	76,500 GAL	Sewer Manhole	21089A	DITCH	UPPER MILL CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253077	DISCLN WO# 1254956	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	207 BRUNSWICK RD	05/03/11 4:37: AM	05/05/11 09:05 AM	56,500 GAL	Sewer Manhole	21089A	DITCH	UPPER MILL CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256232	DISCLN WO# 1258622	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	208 BRUNSWICK RD	04/27/11 8:18: AM	05/05/11 09:15 AM	67,500 GAL	Sewer Manhole	21092	DITCH	UPPER MILL CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253054	DISCLN WO# 1253675	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	332 STONEHENGE DR	04/27/11 9:26: AM	04/29/11 09:00 AM	2,200 GAL	Sewer Manhole	21171	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253099	NONE NEEDED DUE TO MAGNITUDE OF STORM	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7404 ARROWWOOD RD	04/11/11 11:30: PM	04/13/11 08:30 AM	49,500 GAL	Sewer Manhole	21628-W	DITCH	GOOSE CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1243000	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	7404 ARROWWOOD RD	05/26/11 9:58: AM	05/26/11 10:04 AM	900 GAL	Sewer Manhole	21628-W	DITCH	GOOSE CREEK	BOTH PUMPS FOUND WITH CIRCUIT BREAKERS TRIPPED ON INSPECTION	ELECTRICAL PROBLEMS AT MSD	1269481	LIME AREA FOR DISINFECTION	RESET BREAKERS & STARTED PUMPS, RETURNED TO NORMAL
MORRIS FORMAN	KY0022411	7404 ARROWWOOD RD	06/23/11 1:30: AM	06/23/11 11:30 AM	6,000 GAL	Sewer Manhole	21628-W	DITCH	GOOSE CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1285854	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	3302 TROUT CREEK DR	04/12/11 7:18: AM	04/17/11 08:35 AM	102,500 GAL	Sewer Manhole	23211	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242986	DISCLN WO# 1244389	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3302 TROUT CREEK DR	04/23/11 9:45: AM	05/05/11 04:00 PM	130,000 GAL	Sewer Manhole	23211	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249681	DISCLN WO# 1254247	LOCATION INCLUDE IN THE IOAP
MORRIS FORMAN	KY0022411	3302 TROUT CREEK DR	06/22/11 11:42: PM	06/24/11 06:05 AM	270,000 GAL	Sewer Manhole	23211	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286108	DISCLN WO# 1288143	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4002 BROOKFIELD AVE	04/23/11 3:58: PM	05/05/11 11:30 AM	137,500 GAL	Sewer Manhole	24448	GROUND	CHERRYWOOD CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249695	DISCLN WO# 1254265	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	308 STONEHENGE DR	04/27/11 9:26: AM	04/28/11 09:07 AM	37,250 GAL	Sewer Manhole	25017	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253101	DISCLN WO# 1253735	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	308 STONEHENGE DR	05/03/11 9:59: AM	05/04/11 06:09 AM	71,000 GAL	Sewer Manhole	25017	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1257826	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3703 ALCONA LN	04/12/11 6:34: AM	04/17/11 08:14 AM	176,500 GAL	Sewer Manhole	25676	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243066	DISCLN WO# 1243891	LOCATION INCLUDED IN THE IOAP

**APPENDIX A-1**  
**UNAUTHORIZED DISCHARGES**  
**TO WATERS OF UNITED STATES**  
**APRIL 1, 2011 THROUGH JUNE 30, 2011**

Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3703 ALCONA LN	04/23/11 10:20: AM	05/05/11 04:00 PM	116,000 GAL	Sewer Manhole	25676	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249714	DISCLN WO# 1254881	LOCATION IS INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	3703 ALCONA LN	05/03/11 6:16: AM	05/05/11 04:00 PM	55,000 GAL	Sewer Manhole	25676	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258135	DISCLN WO# 1258530	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3703 ALCONA LN	06/23/11 12:16: AM	06/23/11 12:57 PM	32,000 GAL	Sewer Manhole	25676	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286794	DISCLN WO# 1287803	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3715 BRIARBRIDGE LN	04/12/11 6:19: AM	04/14/11 05:59 PM	156,500 GAL	Sewer Manhole	26650	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243073	DISCLN WO# 1243876	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3715 BRIARBRIDGE LN	04/23/11 10:15: AM	05/05/11 04:00 PM	99,500 GAL	Sewer Manhole	26650	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249716	DISCLN WO# 1254883	LOCATION IS INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	3715 BRIARBRIDGE LN	05/03/11 6:05: AM	05/05/11 04:00 PM	75,000 GAL	Sewer Manhole	26650	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258138	DISCLN WO# 1258537	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3715 BRIARBRIDGE LN	06/23/11 12:02: AM	06/23/11 12:52 PM	19,000 GAL	Sewer Manhole	26650	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286800	DISCLN WO# 1287819	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3618 KLONDIKE LN	04/12/11 2:30: AM	04/15/11 04:54 PM	179,000 GAL	Sewer Manhole	26651	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243082	DISCLN WO# 1243865	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3618 KLONDIKE LN	04/23/11 4:30: PM	05/05/11 04:00 PM	224,000 GAL	Sewer Manhole	26651	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249719	DISCLN WO# 1253758	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	3618 KLONDIKE LN	05/03/11 6:08: AM	05/05/11 04:00 PM	102,000 GAL	Sewer Manhole	26651	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258144	DISCLN WO# 1258544	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3317 BROWNSBORO RD	04/26/11 5:38: AM	05/05/11 10:25 AM	156,000 GAL	Sewer Manhole	26752	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253661	DISCLN WO# 1254280	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3317 BROWNSBORO RD	05/03/11 5:39: AM	05/05/11 10:25 AM	215,000 GAL	Sewer Manhole	26752	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256228	DISCLN WO# 1258616	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3317 BROWNSBORO RD	05/08/11 1:50: PM	05/08/11 01:55 PM	100 GAL	Sewer Manhole	26752	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1260526	DISCLN WO# 1260539	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3317 BROWNSBORO RD	05/26/11 11:25: AM	05/26/11 12:05 PM	3,200 GAL	Sewer Manhole	26752	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1269787	DISCLN WO# 1270024	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3317 BROWNSBORO RD	06/23/11 1:04: AM	06/25/11 09:05 PM	345,000 GAL	Sewer Manhole	26752	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287396	DISCLN WO# 1288490	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1012 ALTA CIR	04/11/11 10:31: PM	04/17/11 08:23 AM	1,750,250 GAL	Sewer Manhole	27005	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242589	DISCLN WO# 1244482	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1012 ALTA CIR	04/23/11 7:27: AM	05/06/11 06:12 AM	1,650,000 GAL	Sewer Manhole	27005	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249503	DISCLN WO# 1260420	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1012 ALTA CIR	05/23/11 11:07: PM	05/24/11 12:03 AM	14,000 GAL	Sewer Manhole	27005	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1266685	DISCLN WO# 1266768	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1012 ALTA CIR	05/26/11 4:31: AM	05/26/11 07:31 AM	9,200 GAL	Sewer Manhole	27005	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1269773	DISCLN WO# 1269943	LOCATION INCLUDED IN THE IOAP

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	1012 ALTA CIR	06/23/11 12:53: AM	06/23/11 08:50 PM	84,000 GAL	Sewer Manhole	27005	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287255	DISCLN WO# 1287864	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1555 BELMAR DR	04/22/11 10:20: AM	04/22/11 10:52 AM	35 GAL	Sewer Manhole	27792	GROUND	SOUTH FORK BEARGRASS CREEK	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	1248971	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDER 1249244 - FLUSHED AND OPEN MANHOLE
MORRIS FORMAN	KY0022411	1677 STORY AVE	04/27/11 3:19: PM	05/05/11 10:08 AM	72,000 GAL	Sewer Manhole	30213	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	THE BEARGRASS CREEK FLOOD PUMP STATION WAS IN SERVICE AND GATE 6 WAS CLOSED	LACK OF SYSTEM CAPACITY	1253627	NONE REQUIRED. FLOW MADE IT TO THE WETWELL OF BEARGRASS FLOOD PUMP STATION AND WAS PUMPED TO THE RIVER	WE WILL OPEN GATE 6 WHEN THE RIVER RECEDES TO 24.6 AND ALLOW FLOW TO TRAVEL ON TO THE TREATMENT PLANT.
MORRIS FORMAN	KY0022411	1731 BROWNSBORO RD	04/23/11 7:30: PM	05/05/11 10:08 AM	1,671,800 GAL	Sewer Manhole	30216	STREAM	MUDDY FORK BEARGRASS CREEK	OHIO RIVER IS ELEVATED AND WE HAD TO PUT THE BEARGRASS PUMP STATION INTO FLOOD MODE	PUMPED DUE TO COE MANUAL	1249906	NONE REQUIRED. FLOW IF GOING INTO THE BEARGRASS FLOOD PUMP STATION WETWELL.	WE WILL PUT THE SEWER BACK INTO NORMAL SERVICE WHEN THE RIVER RECEDES AND WE PUT REMOVE THE BEARGRASS PS FROM FLOOD PUMPING.
MORRIS FORMAN	KY0022411	8111 SHELBYVILLE RD	04/27/11 9:30: AM	05/05/11 10:15 AM	78,000 GAL	Sewer Manhole	30376	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253350	DISCLN WO# 1255365	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	8111 SHELBYVILLE RD	05/03/11 4:15: AM	05/05/11 10:15 AM	29,250 GAL	Sewer Manhole	30376	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256268	DISCLN WO# 1258735	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3420 FOUNTAIN DR	04/23/11 5:34: PM	05/05/11 04:00 PM	122,000 GAL	Sewer Manhole	30680	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249725	DISCLN WO# 1254889	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	3420 FOUNTAIN DR	05/03/11 1:15: AM	05/05/11 04:00 PM	10,000 GAL	Sewer Manhole	30680	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258356	DISCLN WO# 1258782	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3420 FOUNTAIN DR	06/23/11 1:02: AM	06/23/11 12:24 PM	144,000 GAL	Sewer Manhole	30680	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286085	DISCLN WO# 1287760	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3401 FOUNTAIN DR	04/12/11 7:07: AM	04/14/11 05:53 PM	226,000 GAL	Sewer Manhole	30681	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243079	DISCLN WO# 1243869	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3530 FINCASTLE RD	04/23/11 3:42: PM	05/04/11 02:10 PM	194,000 GAL	Sewer Manhole	36763	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249697	DISCLN WO# 1254267	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3412 FOUNTAIN DR	04/23/11 5:47: PM	05/05/11 04:00 PM	56,000 GAL	Sewer Service Line	39453412			LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1251992	DISCLN WO# 1254890	LOCATION IS A NEW OVERFLOW SITE MSD IS LOOKING FOR SOLUTIONS
MORRIS FORMAN	KY0022411	2600 TREVILIAN WAY	04/27/11 10:30: AM	04/29/11 06:55 AM	44,500 GAL	Sewer Manhole	40458	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253140	DIACLN WO# 1255345	NEW SSO SITE MSD IS WORKING ON SOLUTIONS
MORRIS FORMAN	KY0022411	2600 TREVILIAN WAY	05/03/11 6:30: AM	05/03/11 06:34 PM	31,250 GAL	Sewer Manhole	40458	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256297	DISCLN WO# 1258456	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1552 CHEROKEE RD	05/03/11 8:28: PM	05/03/11 08:30 PM	100 GAL	Sewer Manhole	40471	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1258410	NO CLEANUP NEEDED	NO REPAIR NEEDED PLACED WARNING SIGNS AROUND MANHOLE
MORRIS FORMAN	KY0022411	2120 INDIAN HILLS TRL	04/11/11 9:26: PM	04/15/11 07:30 AM	123,625 GAL	Sewer Manhole	40871	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242559	CONTRACTOR VACTORED; MSD LIMED	THE SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN
MORRIS FORMAN	KY0022411	2120 INDIAN HILLS TRL	04/23/11 9:30: AM	05/05/11 03:15 PM	1,429,875 GAL	Sewer Manhole	40871	DITCH	MUDDY FORK BEARGRASS CREEK	RAIN EVENT LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249310	CONTRACTOR CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	2120 INDIAN HILLS TRL	06/23/11 7:25: AM	06/23/11 09:15 PM	75,000 GAL	Sewer Manhole	40871	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1286067	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	2105 INDIAN HILLS TRL	04/11/11 9:23: PM	04/15/11 07:30 AM	989,000 GAL	Sewer Manhole	40872	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242557	CONTRACTOR VACTORED; MSD LIMED	THE SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2105 INDIAN HILLS TRL	04/23/11 9:30: AM	05/05/11 03:15 PM	2,859,750 GAL	Sewer Manhole	40872	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY CAUSED BY RAIN EVENT	LACK OF SYSTEM CAPACITY	1249315	CONTRACTOR CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	2105 INDIAN HILLS TRL	06/23/11 7:25: AM	06/23/11 09:15 PM	125,000 GAL	Sewer Manhole	40872	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1286069	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	300 MOCKINGBIRD VALLEY RD	04/11/11 9:58: PM	04/14/11 12:00 PM	34,500 GAL	Sewer Manhole	41374	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243157	NONE NEEDED DISCLN WO# 1260408 (5-2-11) WILL CLEAN THE AREA	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	300 MOCKINGBIRD VALLEY RD	04/23/11 8:23: AM	05/05/11 06:05 AM	1,750,000 GAL	Sewer Manhole	41374	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249515	DISCLN WO# 1260408	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3343 BROWNSBORO RD	05/03/11 7:43: AM	05/06/11 01:30 PM	116,000 GAL	Sewer Manhole	41416	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256333	DISCLN WO# 1261395	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4640 BARBOUR LN	04/12/11 4:00: AM	04/13/11 02:00 AM	198,000 GAL	Sewer Manhole	42680	STREAM	LITTLE GOOSE CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1242936	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	4640 BARBOUR LN	06/23/11 3:00: AM	06/23/11 03:05 AM	5 GAL	Sewer Manhole	42680	STREAM	LITTLE GOOSE CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1285852	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	8409 SABERDEE DR	04/23/11 3:00: PM	04/26/11 12:00 PM	112,500 GAL	Sewer Manhole	43472	DITCH	GOOSE CREEK	LACK OF SYSTEM CAPACITY, SAUREL DR PS IN ALARM	LACK OF SYSTEM CAPACITY	1249686	DISCHARGE INTO STREAM, NO CLEANUP NEEDED	CONTACTED R.MILLS OF METRO OPS
MORRIS FORMAN	KY0022411	8409 SABERDEE DR	04/27/11 8:45: PM	04/28/11 11:40 AM	38,750 GAL	Sewer Manhole	43472	DITCH	GOOSE CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1253395	RAKED AREA, BAGGED DEBRIS & SPREAD LIME.	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	8409 SABERDEE DR	06/23/11 1:50: AM	06/23/11 01:00 PM	8,300 GAL	Sewer Manhole	43472	DITCH	GOOSE CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1285853	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	1108 DUPONT CIR	04/12/11 12:33: PM	04/12/11 04:04 PM	64,250 GAL	Sewer Manhole	43726	GROUND	WEICHER CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243166	DISCLN WO# 1243795	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1108 DUPONT CIR	04/23/11 4:39: PM	04/28/11 10:06 AM	92,000 GAL	Sewer Manhole	43726	GROUND	WEICHER CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249702	DISCLN WO# 1254283	LOCATION IS IN THE IOAP
MORRIS FORMAN	KY0022411	2318 STANNYE DR	04/20/11 3:30: AM	04/20/11 04:00 AM	750 GAL	Sewer Manhole	44091	DITCH	LONGVIEW CREEK	LG&E POWER FAIL. □	POWER OUTAGE (LG&E)	1247528	MSD CLEANED & SANITIZED THE AREA	LG&E RESTORED POWER
MORRIS FORMAN	KY0022411	2318 STANNYE DR	04/27/11 2:05: PM	04/28/11 03:20 AM	45,675 GAL	Sewer Manhole	44091	DITCH	LONGVIEW CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1253205	RAKED AREA, BAGGED DEBRIS & SPREAD LIME	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	1635 BELMAR DR	04/11/11 6:58: PM	04/15/11 05:15 PM	365,250 GAL	Sewer Manhole	44396	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242887	DISCLN WO# 1244469	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1635 BELMAR DR	04/23/11 4:13: PM	05/05/11 04:36 PM	5,500 GAL	Sewer Manhole	44396	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249698	DISCLN WO# 1254272	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1635 BELMAR DR	05/03/11 12:44: AM	05/05/11 12:47 PM	162,000 GAL	Sewer Manhole	44396	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258372	DISCLN WO# 1258800	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7417 STEEPLECREST CIR	05/03/11 2:21: PM	05/04/11 11:15 AM	172,800 GAL	Sewer Manhole	45684	GROUND	HURSTBOURNE CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1258257	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	NO REPAIR NEEDED
MORRIS FORMAN	KY0022411	2002 MILLVALE RD	06/23/11 7:40: AM	06/23/11 08:41 PM	26,000 GAL	Sewer Manhole	45829	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287252	DISCLN WO# 1287860	LOCATION INCLUDED IN THE IOAP

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	1132 ROSTREVOR CIR	04/11/11 10:39: PM	04/17/11 08:21 AM	2,100,250 GAL	Sewer Manhole	45835	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242588	DISCLN WO# 1244489	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1132 ROSTREVOR CIR	04/23/11 7:15: AM	05/06/11 06:10 AM	1,250,000 GAL	Sewer Manhole	45835	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249499	DISCLN WO# 1260415	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1132 ROSTREVOR CIR	06/23/11 12:33: AM	06/23/11 08:39 PM	78,500 GAL	Sewer Manhole	45835	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287100	DISCLN WO# 1287856	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1122 ROSTREVOR CIR	04/27/11 10:20: AM	04/29/11 07:10 AM	211,000 GAL	Sewer Manhole	45900	DITCH	HAWKINS RILL	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253121	DISCLN WO# 1255325	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	232 STONEHENGE DR	04/12/11 10:46: AM	04/12/11 02:30 PM	39,250 GAL	Sewer Manhole	47034	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243524	DISCLN WO# 1243751	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	232 STONEHENGE DR	04/27/11 8:20: AM	04/29/11 12:22 PM	49,500 GAL	Sewer Manhole	47034	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253092	DISCLN WO# 1253675	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	232 STONEHENGE DR	05/03/11 4:31: AM	05/04/11 06:37 AM	51,500 GAL	Sewer Manhole	47034	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256236	DISCLN WO# 1258700	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	201 BULLITT LN	04/28/11 3:00: PM	05/05/11 01:45 PM	1,750,000 GAL	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256039	DISCLN WO# 1259777	NEW SSO LOCATION MSD IS LOOKING INTO SOLUTIONS
MORRIS FORMAN	KY0022411	201 BULLITT LN	06/23/11 2:23: AM	06/23/11 09:34 PM	145,000 GAL	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287398	DISCLN WO# 1287877	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	8021 CHRISTIAN CT	04/12/11 1:47: AM	04/13/11 07:37 AM	19,500 GAL	Sewer Manhole	47593	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243625	DISCLN WO# 1243738	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	8021 CHRISTIAN CT	04/23/11 11:15: AM	05/05/11 10:00 AM	42,000 GAL	Sewer Manhole	47593	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249629	DISCLN WO# 1254214	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	8021 CHRISTIAN CT	05/03/11 3:59: AM	05/05/11 10:30 AM	37,500 GAL	Sewer Manhole	47593	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256255	DISCLN WO# 1258732	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	8021 CHRISTIAN CT	06/23/11 2:38: AM	06/23/11 02:45 AM	100 GAL	Sewer Manhole	47593	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287405	DISCLN WO# 1287900	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	8016 SHELBYVILLE RD	04/12/11 1:57: AM	04/13/11 07:37 AM	142,500 GAL	Sewer Manhole	47604	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243019	DISCLN WO# 1244168	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2153 GOLDSMITH LN	04/27/11 4:33: PM	04/27/11 04:40 PM	75 GAL	Sewer Manhole	48859	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1253355	MSD PERSONNEL NEEDS TO CLEAN AREA WHEN WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN	KY0022411	2201 GERALD CT	04/11/11 8:59: PM	04/17/11 08:45 AM	2,550,750 GAL	Sewer Manhole	48885	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242898	DISCLN WO# 1244463	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2201 GERALD CT	04/23/11 10:26: AM	05/05/11 04:00 PM	648,000 GAL	Sewer Manhole	48885	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249685	DISCLN WO# 1254261	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2201 GERALD CT	05/02/11 10:36: PM	05/06/11 08:12 PM	540,000 GAL	Sewer Manhole	48885	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258376	DISCLN WO# 3845838	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2201 GERALD CT	06/23/11 1:07: AM	06/24/11 06:20 AM	36,000 GAL	Sewer Manhole	48885	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286785	DISCLN WO# 1282151	LOCATION INCLUDED IN THE IOAP

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	2209 GERALD CT	04/12/11 3:40: AM	04/17/11 08:31 AM	2,500,500 GAL	Sewer Manhole	48886	STREAM	MILL CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242961	DISCLN WO# 1244415	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2209 GERALD CT	04/23/11 5:26: PM	05/05/11 04:00 PM	64,000 GAL	Sewer Manhole	48886	STREAM	MILL CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249721	DISCLN WO# 1254887	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	2209 GERALD CT	05/02/11 10:39: PM	05/06/11 08:14 PM	108,000 GAL	Sewer Manhole	48886	STREAM	MILL CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258377	DISCLN WO# 1260405	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2209 GERALD CT	06/23/11 1:10: AM	06/23/11 12:07 PM	36,000 GAL	Sewer Manhole	48886	STREAM	MILL CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286786	DISCLN WO# 1287800	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3544 GOLDSMITH LN	04/23/11 4:20: PM	05/05/11 04:00 PM	99,500 GAL	Sewer Manhole	49224	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249718	DISCLN WO# 1254885	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	3544 GOLDSMITH LN	05/03/11 1:30: AM	05/05/11 04:00 PM	108,000 GAL	Sewer Manhole	49224	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258359	DISCLN WO# 1258785	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2216 FAIRLAND AVE	05/03/11 10:03: AM	05/07/11 12:00 PM	10,000 GAL	Sewer Manhole	49445	GROUND	BUECHEL BRANCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258185	DISCLN WO# 1260572	NEW SSO LOCATION MSD IS LOOKING INTO SOLUTIONS
MORRIS FORMAN	KY0022411	2216 FAIRLAND AVE	06/24/11 11:28: AM	06/24/11 12:00 PM	100 GAL	Sewer Manhole	49445	GROUND	BUECHEL BRANCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1288469	DISCLN WO# 1288480	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2106 BUECHEL BANK RD	04/27/11 12:00: PM	04/27/11 12:30 PM	150 GAL	Sewer Manhole	49470	STREAM	BUECHEL BRANCH	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1253214	NO CLEANUP NEEDED	MSD INVESTIGATION INDICATES THAT NO FURTHER ACTION IS REQUIRED
MORRIS FORMAN	KY0022411	2500 WYETH CT	04/23/11 4:50: PM	05/05/11 04:00 PM	83,250 GAL	Sewer Manhole	49513	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249706	DISCLN WO# 1253638	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	2500 WYETH CT	05/03/11 6:27: AM	05/05/11 04:00 PM	72,250 GAL	Sewer Manhole	49513	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258149	DISCLN WO# 1258548	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2500 WYETH CT	06/23/11 12:40: AM	06/23/11 04:51 PM	26,000 GAL	Sewer Manhole	49513	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286911	DISCLN WO# 1287835	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3603 BARDSTOWN RD	04/12/11 3:31: AM	04/14/11 05:56 PM	213,250 GAL	Sewer Manhole	49672	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243070	DISCLN WO# 1243881	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3603 BARDSTOWN RD	04/27/11 10:15: AM	05/05/11 04:00 PM	125,500 GAL	Sewer Manhole	49672	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252979	DISCLN WO# 1253745	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3603 BARDSTOWN RD	05/03/11 12:05: AM	05/05/11 04:00 PM	99,500 GAL	Sewer Manhole	49672	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258107	DISCLN WO# 1258459	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3623 BARDSTOWN RD	04/23/11 11:22: PM	05/05/11 04:00 PM	117,500 GAL	Sewer Manhole	49673	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249715	DISCLN WO# 1254832	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	3623 BARDSTOWN RD	05/02/11 11:39: PM	05/05/11 04:00 PM	87,000 GAL	Sewer Manhole	49673	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258110	DISCLN WO# 1258470	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3623 BARDSTOWN RD	06/22/11 11:30: PM	06/23/11 12:30 PM	22,000 GAL	Sewer Manhole	49673	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286797	DISCLN WO# 1287810	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3305 INDIAN CREEK CT	04/12/11 7:29: AM	04/17/11 08:37 AM	95,000 GAL	Sewer Manhole	51160	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242991	DISCLN WO# 1244387	LOCATION INCLUDED IN THE IOAP



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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3305 INDIAN CREEK CT	04/23/11 10:02: AM	05/05/11 04:00 PM	3,600,000 GAL	Sewer Manhole	51160	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249673	DISCLN WO# 1254922	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3305 INDIAN CREEK CT	05/02/11 9:59: PM	05/06/11 10:10 PM	864,000 GAL	Sewer Manhole	51160	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258374	DISCLN WO# 1260392	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3305 INDIAN CREEK CT	06/22/11 11:35: PM	06/24/11 06:02 AM	129,600 GAL	Sewer Manhole	51160	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286106	DISCLN WO# 1288141	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2121 GOLDSMITH LN	04/27/11 4:45: AM	05/05/11 04:00 PM	864,000 GAL	Sewer Manhole	51161	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253442	DISCLN WO# 1255415	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2121 GOLDSMITH LN	05/02/11 10:11: PM	05/07/11 10:01 PM	432,000 GAL	Sewer Manhole	51161	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258364	DISCLN WO# 1260383	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	2121 GOLDSMITH LN	06/22/11 11:59: PM	06/24/11 06:25 AM	408,000 GAL	Sewer Manhole	51161	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286089	DISCLN WO# 1287921	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2005 TERRIL LN	04/23/11 9:36: AM	05/05/11 04:00 PM	94,000 GAL	Sewer Manhole	51177	DITCH	SOUTHERN DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249354	DISCLN WO# 1254205	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2005 TERRIL LN	05/02/11 9:49: PM	05/05/11 04:00 PM	21,600 GAL	Sewer Manhole	51177	DITCH	SOUTHERN DITCH	LACK OF SYSTEM CAPACITY-HEVY RAIN	LACK OF SYSTEM CAPACITY	1258354	DISCLN WO# 1258753	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3118 SUNNY LN	04/27/11 12:20: PM	05/05/11 04:00 PM	235,000 GAL	Sewer Manhole	51221	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253155	DISCLN WO# 1255356	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	04/09/11 1:30: PM	04/11/11 04:33 PM	24,525 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242019	DISCLN WO# 1242020	LOCATION IS INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	04/11/11 6:38: PM	04/17/11 08:41 AM	196,000 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242906	DISCLN WO# 1244448	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	04/23/11 4:20: AM	05/05/11 04:00 PM	197,000 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249656	DISCLN WO# 1254236	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	05/01/11 6:30: AM	05/05/11 04:00 PM	114,000 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1255535	DISCLN WO# 1258740	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	05/08/11 5:00: AM	05/08/11 05:05 AM	100 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPCITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1260445	DISCLN WO# 1260450	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	05/23/11 6:00: AM	05/23/11 06:05 AM	100 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1266213	DISCLN WO# 1266214	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	05/23/11 8:59: PM	05/24/11 12:45 AM	18,000 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1266721	DISCLN WO# 1266851	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	05/26/11 4:15: AM	05/26/11 07:00 AM	4,200 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1269781	DISCLN WO# 1269989	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	06/15/11 11:30: AM	06/15/11 11:35 AM	100 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1280092	DISCLN WO# 1280094	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	06/21/11 3:27: PM	06/21/11 07:20 PM	5,000 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1285321	DISCLN WO# 1285326	LOCATION INCLUDED IN THE IOAP

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MORRIS FORMAN	KY0022411	1418 TREVILIAN WAY	06/22/11 10:48: PM	06/23/11 03:00 PM	18,000 GAL	Sewer Manhole	51594	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286097	DISCLN WO# 1287765	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4802 HAZELWOOD AVE	04/12/11 7:40: AM	04/12/11 10:00 PM	43,000 GAL	Sewer Manhole	55665	DITCH	UPPER MILL CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242952	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	4802 HAZELWOOD AVE	04/24/11 2:05: AM	04/24/11 02:10 AM	25 GAL	Sewer Manhole	55665	DITCH	UPPER MILL CREEK	RAIN EVENT CAUSED POSSIBLE DISCHARGE LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249802	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	4802 HAZELWOOD AVE	04/27/11 12:45: PM	04/28/11 05:00 PM	18,000 GAL	Sewer Manhole	55665	DITCH	UPPER MILL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1253160	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
MORRIS FORMAN	KY0022411	4802 HAZELWOOD AVE	05/03/11 1:00: AM	05/03/11 03:30 PM	8,400 GAL	Sewer Manhole	55665	DITCH	UPPER MILL CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1256181	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP PLAN
MORRIS FORMAN	KY0022411	4802 HAZELWOOD AVE	06/23/11 1:03: AM	06/23/11 03:50 AM	5,010 GAL	Sewer Manhole	55665	DITCH	UPPER MILL CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1286054	MSD RAKED, LIMED & SANITIZED THE AREA	THIS LOCATION FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	4802 HAZELWOOD AVE	04/12/11 7:40 AM	04/13/11 10:00 PM	43,000 GAL	Sewer Manhole	55667	DITCH	MANSLICK BRANCH	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242950	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	4802 HAZELWOOD AVE	04/27/11 12:45 PM	04/28/11 05:00 PM	18,000 GAL	Sewer Manhole	55667	DITCH	MANSLICK BRANCH	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT	LACK OF SYSTEM CAPACITY	1253166	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
MORRIS FORMAN	KY0022411	1707 EAGLE NEST WAY	04/23/11 10:30 PM	04/26/11 12:30 PM	548,500 GAL	Sewer Manhole	62418	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1249736	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	1707 EAGLE NEST WAY	04/27/11 11:45 AM	04/27/11 11:00 PM	231,750 GAL	Sewer Manhole	62418	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1253044	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	1707 EAGLE NEST WAY	05/03/11 7:00 AM	05/04/11 11:00 AM	168,000 GAL	Sewer Manhole	62418	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1256235	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP PLAN
MORRIS FORMAN	KY0022411	615 OLD HARRODS CREEK RD	04/27/11 7:41 AM	04/27/11 07:55 AM	14,000 GAL	Sewer Manhole	62905	CATCH BASIN	NONE	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	PUMPED OVERFLOW	1252914	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	332 STONEHENGE DR	04/27/11 9:26 AM	04/29/11 09:00 AM	62,000 GAL	Sewer Manhole	63357	DITCH	VALLEY CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253095	DISCLN WO# 1254971	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4315 PRUITT CT	04/12/11 4:01 AM	04/15/11 05:29 PM	645,000 GAL	Sewer Manhole	63779	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243010	DISCLN WO# 1244186	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1804 ROUND RIDGE RD	04/27/11 5:25 AM	05/05/11 10:00 AM	113,500 GAL	Sewer Manhole	65623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253354	DISCLN WO# 1255383	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1804 ROUND RIDGE RD	05/03/11 5:50 AM	05/06/11 10:00 AM	2,200 GAL	Sewer Manhole	65623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256293	NO DISCLN NEEDED DUE TO MAGNITUDE OF STORM. MSD ALREADY PICKED UP MITIGATION EQUIP.	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1804 ROUND RIDGE RD	06/23/11 1:43 AM	06/23/11 09:20 PM	41,000 GAL	Sewer Manhole	65623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287305	DISCLN WO# 1287871	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4640 BARBOUR LN	04/12/11 4:00 AM	04/13/11 02:00 AM	330,000 GAL	Sewer Manhole	65633	STREAM	LITTLE GOOSE CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242940	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	4640 BARBOUR LN	04/23/11 12:15 PM	04/26/11 01:30 AM	183,750 GAL	Sewer Manhole	65633	STREAM	LITTLE GOOSE CREEK	RAIN EVENT CAUSED BY LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249352	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	4640 BARBOUR LN	04/27/11 10:17 AM	04/28/11 04:15 AM	137,400 GAL	Sewer Manhole	65633	STREAM	LITTLE GOOSE CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1253085	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	4640 BARBOUR LN	05/03/11 3:45 AM	05/04/11 01:45 AM	33,000 GAL	Sewer Manhole	65633	STREAM	LITTLE GOOSE CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1256185	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	4503 SHELBYVILLE RD	04/27/11 1:16 PM	04/28/11 01:16 PM	46,000 GAL	Sewer Manhole	65853	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258445	DISCLN WO# 1258446	NEW SSO LOCATION MSD IS LOOKING INTO SOLUTIONS
MORRIS FORMAN	KY0022411	2504 WYETH CT	04/23/11 4:00 PM	05/05/11 04:00 PM	21,500 GAL	Sewer Manhole	66232	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1251979	DISCLN WO# 1253632	THIS IS NEW OVERFLOW SITE AND MSD IS LOOKING FOR SOLUTIONS
MORRIS FORMAN	KY0022411	2504 WYETH CT	05/03/11 6:24 AM	05/05/11 04:00 PM	87,500 GAL	Sewer Manhole	66232	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258154	DISCLN WO# 1258552	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2504 WYETH CT	06/23/11 12:30 AM	06/23/11 01:12 PM	31,500 GAL	Sewer Manhole	66232	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287012	DISCLN WO# 1287841	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3726 FINCASTLE RD	04/27/11 3:02 AM	05/04/11 02:11 PM	36,000 GAL	Sewer Manhole	66349	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253435	DISCLN WO# 1255398	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3726 FINCASTLE RD	06/22/11 11:14 PM	06/28/11 12:44 PM	15,000 GAL	Sewer Manhole	66349	GROUND	CAMP TAYLOR DITCH	LACK OF CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286075	DISCLN WO# 1287761	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	9 MUIRFIELD PL	05/03/11 12:15 PM	05/05/11 10:45 AM	84,500 GAL	Sewer Manhole	67535	GROUND	HURSTBOURNE CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258184	DISCLN WO# 1258558	NEW SSO LOCATION MSD IS LOOKING INTO SOLUTIONS
MORRIS FORMAN	KY0022411	9 MUIRFIELD PL	06/23/11 6:03 AM	06/23/11 06:10 AM	100 GAL	Sewer Manhole	67535	GROUND	HURSTBOURNE CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287486	DISCLN WO# 1287905	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1000 N HURSTBOURNE PKY	04/27/11 6:49 AM	05/05/11 09:30 AM	105,000 GAL	Sewer Manhole	71004	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252782	DISCLN WO# 1254929	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4600 CHAMPIONS TRACE LN	04/11/11 7:35 PM	04/13/11 04:24 AM	2,099,532 GAL	Sewer Manhole	72571-X	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242538	NO CLEAN UP POSSIBLE - OVERFLOW DISCHARGE SUBMERGED	THIS LOCATION IS INCLUDED IN THE ISSDP
MORRIS FORMAN	KY0022411	4600 CHAMPIONS TRACE LN	04/23/11 5:30 AM	04/28/11 03:55 AM	7,329,855 GAL	Sewer Manhole	72571-X	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249623	NO CLEANUP OCCURRED, PIPE DISCHARGE SUBMERGED	LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	4600 CHAMPIONS TRACE LN	05/02/11 6:02 PM	05/04/11 01:30 AM	2,907,260 GAL	Sewer Manhole	72571-X	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256202	NO CLEANUP OCCURRED, PIPE DISCHARGE SUBMERGED	LOCATION INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	4600 CHAMPIONS TRACE LN	05/23/11 9:08 PM	05/24/11 12:19 AM	211,860 GAL	Sewer Manhole	72571-X	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1266684	NO CLEANUP REQUIRED, PIPE DISCHARGE SUBMERGED	LOCATION INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	4600 CHAMPIONS TRACE LN	05/26/11 5:55 AM	05/26/11 06:35 AM	260,867 GAL	Sewer Manhole	72571-X	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1269608	NO CLEANUP POSSIBLE, PIPE DISCHARGE SUBMERGED	LOCATION INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	4600 CHAMPIONS TRACE LN	06/22/11 10:45 PM	06/24/11 04:29 AM	1,056,810 GAL	Sewer Manhole	72571-X	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1285800	NO CLEAN UP REQUIRED, PIPE DISCHARGE SUBMERGED	LOCATION INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
MORRIS FORMAN	KY0022411	3100 KIPLING WAY	05/03/11 12:45 PM	05/03/11 01:30 PM	500 GAL	Sewer Manhole	73080	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1258180	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	NO FURTHER MSD ACTION NEEDED
MORRIS FORMAN	KY0022411	3705 BARDSTOWN RD	04/12/11 3:28 AM	04/17/11 08:31 AM	362,000 GAL	Sewer Manhole	73111	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242968	DISCLN WO# 1244409	LOCATION INCLUDED IN THE IOAP

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3705 BARDSTOWN RD	04/23/11 9:48 AM	05/05/11 04:00 PM	126,000 GAL	Sewer Manhole	73111	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249713	DISCLN WO# 1254298	LOCATION INCLUDED IN IOAP
MORRIS FORMAN	KY0022411	3705 BARDSTOWN RD	05/02/11 11:42 PM	05/05/11 04:00 PM	102,000 GAL	Sewer Manhole	73111	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258134	DISCLN WO# 1258520	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3705 BARDSTOWN RD	06/23/11 4:05 AM	06/23/11 12:33 PM	32,000 GAL	Sewer Manhole	73111	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286917	DISCLN WO# 1287839	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	974 BRECKENRIDGE LN	05/03/11 11:15 AM	05/03/11 05:57 PM	29,500 GAL	Sewer Manhole	74520	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258216	DISCLN WO# 1258757	NEW SSO LOCATION MSD IS LOOKING FOR SOLUTIONS
MORRIS FORMAN	KY0022411	4813 PARTRIDGE RUN	04/08/11 2:05 PM	04/08/11 03:07 PM	15 GAL	Sewer Main	74663	GROUND	GREASY DITCH	HEAVY ROOTS IN MAIN SEWER	ROOTS	1241728	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	WORK ORDERS 1242209, 1250507, 1251847, 1251849 & 1251851 - ROOT CUT THE MAIN SEWER
MORRIS FORMAN	KY0022411	7913 SHELBYVILLE RD	04/12/11 9:46 AM	04/13/11 07:40 AM	45,250 GAL	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243127	DISCLN WO# 1243570	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7913 SHELBYVILLE RD	04/23/11 5:16 PM	04/28/11 08:53 PM	94,550 GAL	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249518	DISCLN WO# 1254045	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7913 SHELBYVILLE RD	05/03/11 4:15 AM	05/04/11 06:33 AM	67,500 GAL	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256287	DISCLN WO# 1258444	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	7913 SHELBYVILLE RD	06/23/11 2:48 AM	06/23/11 09:41 PM	75,000 GAL	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287407	DISCLN WO# 1287886	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4307 PRUITT CT	06/22/11 11:36 PM	06/23/11 12:36 PM	9,000 GAL	Sewer Service Line	85065	GROUND	BUECHEL BRANCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286815	DISCLN WO# 1287825	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4319 PRUITT CT	06/22/11 11:43 PM	06/23/11 12:38 PM	9,500 GAL	Sewer Service Line	85076	GROUND	BUECHEL BRANCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286840	DISCLN WO# 1287829	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	37 ARROWHEAD RD	04/12/11 10:00 AM	04/12/11 06:43 PM	17,000 GAL	Sewer Manhole	89791	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF CAPACITY	LACK OF SYSTEM CAPACITY	1243220	MSD CLEANED/SANITIZED AREA	THIS LOCATION WILL BE INCLUDED IN THE SOLUTION FOR IOAP
MORRIS FORMAN	KY0022411	37 ARROWHEAD RD	04/23/11 1:03 PM	05/05/11 09:45 AM	72,000 GAL	Sewer Manhole	89791	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249632	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	NEW DISCHARGE LOCATION-MSD IS LOOKING INTO A SOLUTION
MORRIS FORMAN	KY0022411	37 ARROWHEAD RD	05/03/11 5:23 AM	05/06/11 10:33 AM	72,000 GAL	Sewer Manhole	89791	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256227	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	37 ARROWHEAD RD	06/23/11 1:17 AM	06/23/11 09:07 PM	23,000 GAL	Sewer Manhole	89791	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1287393	DISCLN WO# 1287875	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	8021 CHRISTIAN CT	04/12/11 2:04 AM	04/13/11 07:30 AM	227,250 GAL	Sewer Manhole	90700	CATCH BASIN	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243011	DISCLN WO# 1244184	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	8021 CHRISTIAN CT	04/23/11 11:16 AM	05/05/11 11:00 AM	76,250 GAL	Sewer Manhole	90700	CATCH BASIN	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249625	DISCLN WO# 1254210	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	8021 CHRISTIAN CT	05/03/11 3:49 AM	05/05/11 09:30 AM	39,500 GAL	Sewer Manhole	90700	CATCH BASIN	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256253	DISCLN WO# 1258709	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	2515 WOODSIDE RD	06/23/11 5:15 PM	06/23/11 05:20 PM	1,250 GAL	Sewer Manhole	91782	GROUND	LONGVIEW CREEK	TILT BULBS SITTING ON LAYER OF GREASE	GREASE BLOCKAGE	1287665	MSD AND CONTRACTOR CLEANED AND SANITIZED THE AREA	MSD HAD CONTRACTOR VACTOR GREASE FROM WET WELL

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3920 DUTCHMANS LN	04/27/11 12:30 PM	04/28/11 07:45 AM	171,000 GAL	Sewer Manhole	96673	STREAM	WEICHER CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1253145	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	NEWLY IDENTIFIED OVERFLOW LOCATION, WILL BE INVESTIGATED FOR REPAIR
MORRIS FORMAN	KY0022411	3920 DUTCHMANS LN	04/28/11 7:30 AM	05/05/11 06:35 AM	22,500 GAL	Sewer Manhole	96673	STREAM	WEICHER CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256028	DISCLN WO# 1261382	NEW SSO LOCATION MSD IS LOOKING FOR SOLUTIONS
MORRIS FORMAN	KY0022411	3536 FINCASTLE RD	04/12/11 12:00 PM	04/13/11 05:02 PM	100 GAL	Sewer Manhole	99259	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243185	DISCLN WO# 1243187	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3536 FINCASTLE RD	04/27/11 3:13 AM	05/04/11 02:12 PM	36,000 GAL	Sewer Manhole	99259	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253438	DISCLN WO# 1255410	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3305 BENT CREEK CT	04/12/11 7:20 AM	04/17/11 08:40 AM	115,000 GAL	Sewer Service Line	BU05074039	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242977	DISCLN WO# 1244407	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3305 BENT CREEK CT	04/23/11 9:48 AM	05/05/11 04:00 PM	360,000 GAL	Sewer Service Line	BU05074039	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249682	DISCLN WO# 1254254	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3305 BENT CREEK CT	05/02/11 9:55 PM	05/05/11 06:20 AM	2,400 GAL	Sewer Service Line	BU05074039	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1258375	DISCLN WO# 1260397	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3305 BENT CREEK CT	06/22/11 11:38 PM	06/23/11 12:46 PM	90,000 GAL	Sewer Service Line	BU05074039	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286113	DISCLN WO# 1287776	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3303 TROUT CREEK DR	04/12/11 7:25 AM	04/13/11 05:44 AM	92,500 GAL	Sewer Service Line	BU05091039	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242979	DISCLN WO# 1244391	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3303 TROUT CREEK DR	04/23/11 9:58 AM	05/05/11 04:00 PM	124,000 GAL	Sewer Service Line	BU05091039	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1249684	DISCLN WO# 1254258	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3303 TROUT CREEK DR	06/22/11 11:40 PM	06/23/11 12:40 PM	54,000 GAL	Sewer Service Line	BU05091039	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1286779	DISCLN WO# 1287793	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1201 LEXINGTON RD	06/02/11 9:00 AM	06/02/11 09:39 AM	1,950 GAL	Sewer Manhole	CSO153	STREAM	SOUTH FORK BEARGRASS CREEK	OBSTRUCTION IN SIPHON	OBSTRUCTION-NOT GREASE / ROOTS	1272315	PIPE DISCHARGES DIRECTLY INTO BEARGRASS CREEK	MSD PERSONNEL FLUSHED THE SIPHON TO RELIEVE OBSTRUCTION
MORRIS FORMAN	KY0022411	4108 LEE AVE	04/12/11 12:00 PM	04/14/11 05:27 PM	29,550 GAL	Sewer Service Line	KK14815019	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1243526	DISCLN WO# 1243789	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4108 LEE AVE	04/23/11 4:11 PM	05/04/11 10:15 AM	65,000 GAL	Sewer Service Line	KK14815019	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252049	DISCLN WO# 1254276	THIS IS A NEW OVERFLOW SITE MSD IS LOOKING INTO SOLUTIONS
MORRIS FORMAN	KY0022411	4108 LEE AVE	05/01/11 9:50 AM	05/05/11 12:44 PM	32,500 GAL	Sewer Service Line	KK14815019	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1255538	DISCLN WO# 1258744	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	4108 LEE AVE	05/23/11 8:35 PM	05/25/11 01:25 PM	480 GAL	Sewer Service Line	KK14815019	GROUND	CAMP TAYLOR DITCH	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1266747	DISCLN WO# 1266876	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	1568 MCKAY AVE	04/27/11 8:30 AM	05/05/11 12:48 PM	69,000 GAL	Sewer Service Line	KK14849419	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1253353	DISCLN WO# 1255379	LOCATION INCLUDED IN THE IOAP
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	04/11/11 6:34 PM	04/16/11 04:15 PM	10,111,163 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242540	PIPE DISCHARGE SUBMERGED- NO CLEANUP	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN.
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	04/23/11 2:51 AM	05/07/11 01:50 PM	31,709,427 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1249249	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN FOR ABATEMENT

**APPENDIX A-1**  
**UNAUTHORIZED DISCHARGES**  
**TO WATERS OF UNITED STATES**  
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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	05/23/11 1:32 PM	05/24/11 11:35 AM	131,400 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1266928	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	05/26/11 1:25 AM	05/27/11 10:14 PM	575,723 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1267796	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	06/21/11 5:48 PM	06/21/11 07:25 PM	3,061 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1285189	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	3246 RADIANCE RD	06/22/11 10:34 PM	06/24/11 11:43 PM	1,536,754 GAL	Sewer Lift Station	MSD0012-PS	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1285820	NO CLEAN UP PERFORMED: PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	THIS LOCATION IS IN THE INTERIM SANITARY SEWER DISCHARGE PLAN FOR ABATEMENT
MORRIS FORMAN	KY0022411	7905 MACKIE LN	04/14/11 6:35 PM	04/14/11 06:37 PM	1,000 GAL	Sewer Main	MSD0017-PS	DITCH	NORTHERN DITCH	FORCE MAIN BREAK AT 411 KENNY BLVD	STRUCTURAL FAILURE	1244750	B&H TO HAUL & TO DO CLEANUP & SANITIZING, MTN TO MAKE REPAIRS	SHUT PUMPS OFF TO STOP FLOW
MORRIS FORMAN	KY0022411	501 MOCKINGBIRD VALLEY RD	04/13/11 12:30 PM	04/19/11 02:15 AM	9,999 GAL	Sewer Lift Station	MSD0023-PS	STREAM	MUDDY FORK BEARGRASS CREEK	OHIO RIVER AT FLOOD STAGE, NO ACCESS TO FACILITY	LACK OF SYSTEM CAPACITY	1243811	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	THE SOLUTION FOR THIS DISCHARGE IS INCLUDED IN IOAP PLAN
MORRIS FORMAN	KY0022411	501 MOCKINGBIRD VALLEY RD	04/22/11 9:00 AM	05/06/11 01:25 PM	9,999 GAL	Sewer Lift Station	MSD0023-PS	STREAM	MUDDY FORK BEARGRASS CREEK	OHIO RIVER @ FLOOD STAGE; PUMP STATION FLOODED DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1248902	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
MORRIS FORMAN	KY0022411	1011 WILLIAMSBURG CT	04/27/11 9:12 AM	04/27/11 09:19 AM	3,150 GAL	Sewer Lift Station	MSD0035-PS	GROUND	MIDDLE FORK BEARGRASS CREEK	RAIN EVENT CAUSED A LACK OF SYSTEM CAPACITY	PUMPED OVERFLOW	1253413	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	7404 ARROWWOOD RD	04/23/11 1:00 PM	04/29/11 04:00 AM	291,000 GAL	Sewer Lift Station	MSD0040-PS	DITCH	GOOSE CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1249501	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVETNT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	7404 ARROWWOOD RD	05/02/11 7:15 AM	05/04/11 01:15 PM	75,000 GAL	Sewer Lift Station	MSD0040-PS	DITCH	GOOSE CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1254944	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	1701 SONNE AVE	05/26/11 2:50 AM	05/26/11 08:25 AM	300 GAL	Sewer Lift Station	MSD0042-PS	GROUND	PADDY RUN	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1267850	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	806 PINE WAY	05/02/11 8:30 AM	05/02/11 09:10 AM	25 GAL	Sewer Lift Station	MSD0057-LS	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT	LACK OF SYSTEM CAPACITY	1255318	NO CLEANUP POSSIBLE DUE TO REOCCURRING DISCHARGE WO# 1256281	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN TEH IOAP PLAN.
MORRIS FORMAN	KY0022411	7800 WESTPORT RD	04/27/11 5:30 PM	04/29/11 04:30 AM	630,000 GAL	Sewer Lift Station	MSD0185-PS	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	PUMPED OVERFLOW	1253365	PIPE DISCHARGE SUBMERGED- NO CLEANUP	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	7800 WESTPORT RD	04/27/11 6:15 PM	04/28/11 09:30 PM	735,750 GAL	Sewer Lift Station	MSD0185-PS	GROUND	GOOSE CREEK	LOSS OF POWER (LG&E)	PUMPED OVERFLOW	1253369	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	7800 WESTPORT RD	05/02/11 11:45 AM	05/04/11 05:15 PM	945,000 GAL	Sewer Lift Station	MSD0185-PS	GROUND	GOOSE CREEK	LACK OF CAPACITY DURING RAIN EVENT □	PUMPED OVERFLOW	1255500	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP PLAN
MORRIS FORMAN	KY0022411	7800 WESTPORT RD	05/03/11 7:00 AM	05/04/11 07:00 AM	144,000 GAL	Sewer Lift Station	MSD0185-PS	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	PUMPED OVERFLOW	1258245	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP PLAN
MORRIS FORMAN	KY0022411	6001 RODES CT	04/27/11 5:25 PM	04/28/11 11:30 AM	27,125 GAL	Sewer Lift Station	MSD0193-PS	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1253382	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	6001 RODES CT	05/03/11 11:00 AM	05/04/11 05:00 AM	54,000 GAL	Sewer Lift Station	MSD0193-PS	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1258083	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	420 W RIVER RD	04/23/11 1:00 PM	05/16/11 09:00 AM	9,999 GAL	Sewer Lift Station	MSD1017-PS	STREAM	OHIO RIVER	OHIO RIVER @ FLOOD STAGE; PUMP STATION FLOODED DUE TO RAIN EVENT IN THE AREA. PUMP TURNED OFF	LACK OF SYSTEM CAPACITY	1249657	CLEANUP OCCURRED AS PART OF RESTORATION ACTIVITIES WHEN FLOODING RECEDED.	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.

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**TO WATERS OF UNITED STATES**  
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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
MORRIS FORMAN	KY0022411	8410 SAUREL DR	04/11/11 6:15 PM	04/13/11 01:00 AM	9,225 GAL	Sewer Lift Station	MSD1024-PS	DITCH	GOOSE CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1242545	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
MORRIS FORMAN	KY0022411	4505 SHELBYVILLE RD	04/28/11 4:30 AM	05/02/11 09:54 AM	27,000 GAL	Sewer Service Line	P4492	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256036	DISCLN WO# 1259778	NEW SSO LOCATION MSD IS LOOKING INTO SOLUTIONS
MORRIS FORMAN	KY0022411	2516 SENECA VALLEY RD	04/27/11 10:30 AM	04/29/11 06:27 AM	31,500 GAL	Sewer Service Line	Z20596019	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1255426	DISCLN WO# 1255430	NEW SSO LOCATION MSD IS LOOKING INTO SOLUTIONS
MORRIS FORMAN	KY0022411	2516 SENECA VALLEY RD	05/03/11 9:10 AM	05/07/11 06:10 AM	42,000 GAL	Sewer Service Line	Z20596019	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256316	SITE HAS BEEN TURNED OVER TO I&FP FOR FURTHER INVESTIGATION OF DISCHARGE	LOCATION INCLUDED IN THE IOAP
CEDAR CREEK	KY0098540	5410 SPRIGWOOD LN	04/12/11 7:05 AM	04/12/11 08:40 AM	7,150 GAL	Sewer Manhole	28984	GROUND	CEDAR CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242916	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
CEDAR CREEK	KY0098540	5410 SPRIGWOOD LN	04/27/11 12:00 AM	04/27/11 01:20 PM	22,500 GAL	Sewer Manhole	28984	GROUND	CEDAR CREEK	LACK OF CAPACITY	LACK OF SYSTEM CAPACITY	1253936	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
CEDAR CREEK	KY0098540	5600 HOFELICH CT	04/12/11 6:48 AM	04/12/11 09:00 AM	9,750 GAL	Sewer Manhole	28998	GROUND	CEDAR CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242911	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
CEDAR CREEK	KY0098540	5600 HOFELICH CT	04/27/11 8:10 AM	04/27/11 01:10 PM	22,500 GAL	Sewer Manhole	28998	GROUND	CEDAR CREEK	LACK OF SYSTEM APACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252842	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
CEDAR CREEK	KY0098540	9517 PLUMWOOD RD	04/12/11 6:42 AM	04/12/11 08:30 AM	2,750 GAL	Sewer Manhole	63094	STREAM	CEDAR CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242903	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
CEDAR CREEK	KY0098540	9517 PLUMWOOD RD	04/27/11 4:39 AM	04/27/11 04:39 AM	5 GAL	Sewer Manhole	63094	STREAM	CEDAR CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252823	DISCLN WORK ORDER #1250397 - MSD WILL CLEAN AND SANITIZE THE AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
CEDAR CREEK	KY0098540	9517 PLUMWOOD RD	04/27/11 8:10 AM	04/27/11 01:05 PM	90,000 GAL	Sewer Manhole	63094	STREAM	CEDAR CREEK	LACK OF CAPACITY	LACK OF SYSTEM CAPACITY	1252890	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
CEDAR CREEK	KY0098540	9517 PLUMWOOD RD	05/03/11 7:00 AM	05/03/11 11:55 AM	30,000 GAL	Sewer Manhole	63094	STREAM	CEDAR CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256226	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
CEDAR CREEK	KY0098540	9300 HAYES AVE	04/12/11 6:20 AM	04/12/11 09:30 AM	9,500 GAL	Sewer Manhole	63095	STREAM	CEDAR CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN, POSSIBLE JOINT DAMAGE	LACK OF SYSTEM CAPACITY	1242895	MSD CLEAN AND SANITIZE AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
CEDAR CREEK	KY0098540	9300 HAYES AVE	04/27/11 8:10 AM	04/27/11 01:13 PM	15,000 GAL	Sewer Manhole	63095	STREAM	CEDAR CREEK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252911	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
CEDAR CREEK	KY0098540	5600 HOFELICH CT	04/12/11 6:30 AM	04/12/11 08:00 AM	2,250 GAL	Sewer Manhole	70158	GROUND	CEDAR CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1242935	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED IN DECEMBER OF 2008
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	04/12/11 9:00 PM	04/12/11 09:04 PM	29,444 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	CEDAR CREEK UV BANK 2A & BANK 2B SHUT DOWN CAUSING BYPASS OF UV TREATMENT	BYPASS AT WQTC	1243500	NO CLEANUP POSSIBLE, DISCHARGE DIRECTLY TO STREAM	CORRECTIVE WO# 1243501, INVESTIGATE & REPAIR CAUSE OF DISCHARGE
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	06/23/11 12:55 AM	06/23/11 01:00 AM	25 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	#1 OXIDATION DITCH SUMP PUMP DID NOT WORK	MECHANICAL FAILURE	1285855	MSD CLEANED & SANITIZED THE AREA	RESET GFI TO START SUMP PUMP
HUNTING CREEK NORTH	KY0029106	9810 U S HIGHWAY 42	04/23/11 8:40 AM	04/23/11 09:30 AM	7,138 GAL	Sewer Treatment Plant	MSD0291	STREAM	HARRODS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	BYPASS AT WQTC	1249622	PIPE DISCHARGE SUBMERGED- NO CLEANUP	SHUT PLANT AERATION OFF TO LET SETTLE.
HUNTING CREEK NORTH	KY0029106	9810 U S HIGHWAY 42	04/23/11 6:30 PM	04/23/11 07:30 PM	3,000 GAL	Sewer Treatment Plant	MSD0291	STREAM	HARRODS CREEK	LACK OF SYSTEM CAPACITY CAUSED BY RAIN EVENT	BYPASS AT WQTC	1249627	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP

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Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
HUNTING CREEK NORTH	KY0029106	6709 GUNPOWDER LN	04/23/11 7:00 PM	04/23/11 08:30 PM	9,000 GAL	Sewer Lift Station	MSD1055-LS	DITCH	HARRODS CREEK	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY CAUSING PUMPED OVERFLOW	PUMPED OVERFLOW	1249620	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HUNTING CREEK NORTH	KY0029106	6709 GUNPOWDER LN	04/23/11 7:30 PM	04/27/11 10:50 PM	36,000 GAL	Sewer Lift Station	MSD1055-LS	DITCH	HARRODS CREEK	LACK OF SYSTEM CAPACITY	PUMPED OVERFLOW	1249653	PIPE DISCHARGE SUBMERGED- NO CLEANUP	THE SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
HUNTING CREEK NORTH	KY0029106	6709 GUNPOWDER LN	05/03/11 2:00 AM	05/03/11 07:45 PM	92,100 GAL	Sewer Lift Station	MSD1055-LS	DITCH	HARRODS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT	PUMPED OVERFLOW	1256180	NO DEBRIS, PUMPED INTO CATCH BASIN	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HUNTING CREEK NORTH	KY0029106	7501 HUNTING CREEK DR	04/12/11 9:45 AM	04/12/11 11:15 AM	450 GAL	Sewer Lift Station	MSD1060-LS	DITCH	HARRODS CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1243056	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HUNTING CREEK NORTH	KY0029106	7501 HUNTING CREEK DR	04/23/11 3:30 PM	04/25/11 02:20 AM	52,250 GAL	Sewer Lift Station	MSD1060-LS	DITCH	HARRODS CREEK	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249617	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HUNTING CREEK SOUTH	KY0029114	7804 DEEP TRAIL CT	04/27/11 7:13 AM	04/29/11 08:06 AM	9,999 GAL	Sewer Lift Station	MSD1062-LS	STREAM	HARRODS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1252990	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HUNTING CREEK SOUTH	KY0029114	6210 DEEP CREEK CT	04/11/11 8:25 PM	04/13/11 01:30 AM	25,125 GAL	Sewer Lift Station	MSD1063-PS	DITCH	HARRODS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1242551	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HUNTING CREEK SOUTH	KY0029114	6210 DEEP CREEK CT	04/23/11 6:00 AM	04/28/11 09:15 AM	73,950 GAL	Sewer Lift Station	MSD1063-PS	DITCH	HARRODS CREEK	LACK OF SYSTEM CAPACITY CUASED BY RAIN EVENT	LACK OF SYSTEM CAPACITY	1249250	PIPE DISCHARGE SUBMERGED- NO CLEANUP	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HUNTING CREEK SOUTH	KY0029114	6210 DEEP CREEK CT	05/02/11 12:50 PM	05/04/11 12:50 PM	23,040 GAL	Sewer Lift Station	MSD1063-PS	DITCH	HARRODS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1255534	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP PLAN.
HUNTING CREEK SOUTH	KY0029114	8619 WESTOVER DR	04/27/11 9:30 AM	04/27/11 09:15 PM	1,410 GAL	Sewer Lift Station	MSD1064-PS	DITCH	HARRODS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	LACK OF SYSTEM CAPACITY	1252993	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HUNTING CREEK SOUTH	KY0029114	8619 WESTOVER DR	05/26/11 10:39 AM	05/26/11 02:19 PM	1,600 GAL	Sewer Lift Station	MSD1064-PS	DITCH	HARRODS CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	LACK OF SYSTEM CAPACITY	1269500	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
HUNTING CREEK SOUTH	KY0029114	8619 WESTOVER DR	05/27/11 7:45 PM	05/27/11 09:12 PM	174 GAL	Sewer Lift Station	MSD1064-PS	DITCH	HARRODS CREEK	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA & PUMPS HAVE NOT CAUGHT UP FOR EVENING SURGE OF WATER USE IN THE COMMUNITY	LACK OF SYSTEM CAPACITY	1270939	MSD CLEANED, SANITIZED & SPREAD LIME.	CALLED B&H TO HAUL THE STATION
HUNTING CREEK SOUTH	KY0029114	6607 HARRODS VIEW CIR	04/23/11 1:30 PM	04/23/11 04:30 PM	1,800 GAL	Sewer Lift Station	MSD1068-PS	STREAM	HARRODS CREEK	RAIN EVENT CAUSED DISCHARGE FROM WET WELL	LACK OF SYSTEM CAPACITY	1249507	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
FLOYDS FORK	KY0102784	815 TUCKER STATION RD	04/27/11 12:00 PM	04/27/11 12:40 PM	50 GAL	Sewer Manhole	100552	DITCH	POPE LICK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1253066	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	MSD INVESTIGATION INDICATES THAT NO FURTHER ACTION IS REQUIRED
FLOYDS FORK	KY0102784	1100 BLUE HERON RD	05/03/11 10:00 AM	05/04/11 09:00 AM	9,999 GAL	Sewer Manhole	100830	GROUND	FLOYDS FORK	CREEK FLOODED	PUMPED DUE TO COE MANUAL	1257954	NOT POSSIBLE DUE TO BEING FLOODED	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
FLOYDS FORK	KY0102784	1100 BLUE HERON RD	05/03/11 10:00 AM	05/04/11 09:00 AM	9,999 GAL	Sewer Manhole	107128	STREAM	FLOYDS FORK	CREEK FLOODED	PUMPED DUE TO COE MANUAL	1258015	NONE DUE TO CREEK FLOODED	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
FLOYDS FORK	KY0102784	815 TUCKER STATION RD	04/12/11 1:55 AM	04/12/11 10:30 AM	7,650 GAL	Sewer Manhole	33003	STREAM	POPE LICK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1242705	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
FLOYDS FORK	KY0102784	815 TUCKER STATION RD	04/23/11 10:00 AM	04/23/11 11:30 AM	2,250 GAL	Sewer Manhole	33003	STREAM	POPE LICK	LACK OF SYSTEM SURCHARGE	LACK OF SYSTEM CAPACITY	1249602	MSD PERSONELL WILL CLEAN THE AFFECTED AREA.	WORK ORDER#1249663 HAS BEEN CREATED TO CLEAN THE AFFECTED AREA WHEN RAIN DIMINISHES
FLOYDS FORK	KY0102784	815 TUCKER STATION RD	04/23/11 3:41 PM	04/23/11 08:57 PM	12,825 GAL	Sewer Manhole	33003	STREAM	POPE LICK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249607	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	DISCLN WORK ORDER#1249663 HAS BEEN CREATED TO CLEAN THE IMPACTED AREA



**APPENDIX A-1  
UNAUTHORIZED DISCHARGES  
TO WATERS OF UNITED STATES  
APRIL 1, 2011 THROUGH JUNE 30, 2011**

Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
FLOYDS FORK	KY0102784	815 TUCKER STATION RD	04/27/11 3:41 AM	04/27/11 01:40 PM	15,000 GAL	Sewer Manhole	33003	STREAM	POPE LICK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252762	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
FLOYDS FORK	KY0102784	815 TUCKER STATION RD	05/03/11 6:42 AM	05/03/11 12:30 PM	7,800 GAL	Sewer Manhole	33003	STREAM	POPE LICK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1256220	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
FLOYDS FORK	KY0102784	12400 BRIERLY HILL PL	04/12/11 3:26 AM	04/12/11 07:20 AM	9,850 GAL	Sewer Manhole	65531	STREAM	POPE LICK	CAPACITY ISSUE - RAIN EVENT	LACK OF SYSTEM CAPACITY	1242624	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN
FLOYDS FORK	KY0102784	12400 BRIERLY HILL PL	04/23/11 3:44 PM	04/23/11 07:30 PM	5,600 GAL	Sewer Manhole	65531	STREAM	POPE LICK	LACK OF SYSTEM SURCHARGE	LACK OF SYSTEM CAPACITY	1249605	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING	NO CLEAN UP NEEDED
FLOYDS FORK	KY0102784	12400 BRIERLY HILL PL	04/27/11 3:40 AM	04/27/11 01:40 PM	15,000 GAL	Sewer Manhole	65531	STREAM	POPE LICK	LACK OF SYSTEM CAPACITY - HEAVY RAIN	LACK OF SYSTEM CAPACITY	1252763	MSD CLEANED AND SANITIZED AFFECTED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08.
FLOYDS FORK	KY0102784	12400 BRIERLY HILL PL	05/03/11 6:41 AM	05/03/11 12:30 PM	7,800 GAL	Sewer Manhole	65531	STREAM	POPE LICK	LACK OF SYSTEM CAPACITY-HEAVY RAIN	LACK OF SYSTEM CAPACITY	1256213	MSD CLEANED AND SANITIZED AREA	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08
FLOYDS FORK	KY0102784	15026 BIRCHAM RD	04/23/11 4:30 PM	04/24/11 04:50 PM	145,000 GAL	Sewer Manhole	69305	GROUND	FLOYDS FORK	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1249630	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
FLOYDS FORK	KY0102784	15026 BIRCHAM RD	05/03/11 6:10 AM	05/03/11 11:22 PM	25,800 GAL	Sewer Manhole	69305	GROUND	FLOYDS FORK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1256195	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
FLOYDS FORK	KY0102784	612 TUCKER STATION RD	04/12/11 10:00 AM	04/12/11 10:55 AM	50 GAL	Sewer Manhole	97350	DITCH	POPE LICK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	1243055	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
FLOYDS FORK	KY0102784	1100 BLUE HERON RD	05/03/11 10:00 AM	05/03/11 02:00 PM	2,400 GAL	Sewer Manhole	97792	GROUND	FLOYDS FORK	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	LACK OF SYSTEM CAPACITY	1258023	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
CHENOWETH RUN	KY0042226	512 LAKE FOREST PKY	05/14/11 8:55 AM	05/14/11 08:59 AM	450 GAL	Sewer Main	80397B-AG	GROUND	CHENOWETH RUN,UPPER	FM PIPE BROKE WHILE UNDER REPAIR BY MTN CONSTRUCTION	STRUCTURAL FAILURE	1262728	NO DEBRIS	CONTRACTOR REPAIRING FORCE MAIN
CHENOWETH RUN	KY0042226	14000 BECKLEY TRCE	04/12/11 9:15 AM	04/12/11 05:00 PM	550,000 GAL	Sewer Treatment Plant	MSD0403	GROUND	CHENOWETH RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	BYPASS AT WQTC	1243078	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
CHENOWETH RUN	KY0042226	14000 BECKLEY TRCE	04/27/11 8:00 AM	04/28/11 03:00 AM	228,000 GAL	Sewer Treatment Plant	MSD0403	GROUND	CHENOWETH RUN	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	BYPASS AT WQTC	1252909	NO DEBRIS	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP
CHENOWETH RUN	KY0042226	14000 BECKLEY TRCE	05/03/11 10:25 AM	05/03/11 02:20 PM	5,875 GAL	Sewer Treatment Plant	MSD0403	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BYPASS AT WQTC	1258039	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Appendix A-2 - Discharge Work Orders – BYPASS

**APPENDIX A-2**  
**BYPASS EVENTS AT WQTC'S**  
**APRIL 1, 2011 THROUGH JUNE 30, 2011**

Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
BERRYTOWN	KY0036501	1203 HEAFER RD	04/12/11 7:45: AM	4/13/2011 11:45	168,000 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA	BYPASS AT WQTC	1242974	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS SITE IS INCLUDED IN THE IOAP PLAN.
BERRYTOWN	KY0036501	1203 HEAFER RD	04/23/11 8:40: AM	4/26/2011 14:45	231,250 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LACK OF SYSTEM CAPACITY CAUSED BY RAIN EVENT	BYPASS AT WQTC	1249265	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
BERRYTOWN	KY0036501	1203 HEAFER RD	04/27/11 8:30: AM	4/28/2011 14:20	179,000 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	BYPASS AT WQTC	1253476	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
BERRYTOWN	KY0036501	1203 HEAFER RD	05/02/11 9:00: AM	5/4/2011 4:35	103,750 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	DIGESTOR LEAKING	BYPASS AT WQTC	1255322	MSD CLEANED & SANITIZED THE AREA	DIGESTOR REPAIRED
BERRYTOWN	KY0036501	1203 HEAFER RD	05/26/11 4:40: AM	5/26/2011 5:36	18,200 GAL	Sewer Treatment Plant	MSD0209	STREAM	FLOYDS FORK	LOSS OF LG&E POWER & MSD GENERATOR FAILED TO PROVIDE CORRECT POWER CAUSING EQUIPMENT SHUTDOWN	BYPASS AT WQTC	1267804	NONE, INFLUENT DISCHARGED DIRECTLY TO STREAM & WASHED AWAY	HOOKEED UP TEMPORARY GENERATOR MSD0020 TO REPLACE PERMANENT GENERATOR
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	04/27/11 10:00: AM	4/27/2011 11:04	1,280 GAL	Sewer Treatment Plant	MSD0228	STREAM	PENNSYLVANIA RUN	HOLE IN THE AERATION TANK NEAR THE TOP	BYPASS AT WQTC	1253083	MSD CLEANED & SANITIZED THE AREA	WILL PATCH THE HOLE WHEN WATER RECEDES
MCNEELY LAKE	KY0029416	10300 ROD N REEL RD	06/19/11 10:00: AM	6/19/2011 10:30	3,000 GAL	Sewer Treatment Plant	MSD0228	STREAM	PENNSYLVANIA RUN	LOSS OF LG&E POWER	BYPASS AT WQTC	1281379	MSD CLEANED & SANITIZED THE AREA	HOOKEED UP MOBILE GENERATOR TO RESTORE POWER
STARVIEW	KY0031712	423 BERMUDA WAY	04/12/11 11:45: AM	4/12/2011 17:05	16,000 GAL	Sewer Treatment Plant	MSD0247	STREAM	CHENOWETH RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	BYPASS AT WQTC	1243215	NO DEBRIS	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
STARVIEW	KY0031712	423 BERMUDA WAY	04/27/11 9:00: AM	4/28/2011 2:35	105,500 GAL	Sewer Treatment Plant	MSD0247	STREAM	CHENOWETH RUN	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	BYPASS AT WQTC	1252913	NO DEBRIS	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP PLAN.
STARVIEW	KY0031712	423 BERMUDA WAY	04/27/11 1:00: PM	4/27/2011 15:38	15,800 GAL	Sewer Lift Station	MSD0247B-PS	STREAM	CHENOWETH RUN	LOSS OF POWER FROM LG&E	BYPASS AT WQTC	1253358	MSD CLEANED & SANITIZED THE AREA	SET UP GENERATOR #MSD0017 75KW
SILVER HEIGHTS	KY0028801	9412 SLAYTON CT	04/11/11 7:14: PM	4/11/2011 19:18	3,964 GAL	Sewer Lift Station	MSD0258A-LS	GROUND	MUD CREEK	SOLIDS WASHING OUT OVER THE WEIR DUE TO HEAVY RAINS IN AREA	BYPASS AT WQTC	1242548	NO CLEANUP POSSIBLE, DISCHARGE DIRECTLY TO STREAM	TURNED OFF BLOWERS TO STOP OVERFLOW
DEREK R. GUTHRIE	KY0078956	11621 LOWER RIVER RD	06/19/11 8:15: AM	6/19/2011 8:40	364,000 GAL	Sewer Treatment Plant	MSD0277	STREAM	OHIO RIVER	LOSS OF POWER FROM LG&E	BYPASS AT WQTC	1281376	NO CLEAN UP PERFORMED ? PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER	LG&E RESTORED POWER
DEREK R. GUTHRIE	KY0078956	11621 LOWER RIVER RD	06/19/11 2:30: PM	6/19/2011 15:10	596,409 GAL	Sewer Treatment Plant	MSD0277	STREAM	OHIO RIVER	LOSS OF POWER FROM LG&E	BYPASS AT WQTC	1281402	NO CLEANUP PERFORMED PIPES DISCHARGED UNDERWATER DIRECTLY INTO RIVER	LG&E RESTORED POWER
CEDAR CREEK	KY0098540	8605 CEDAR CREEK RD	04/12/11 9:00: PM	4/12/2011 21:04	29,444 GAL	Sewer Treatment Plant	MSD0289	GROUND	CEDAR CREEK	CEDAR CREEK UV BANK 2A & BANK 2B SHUT DOWN CAUSING BYPASS OF UV TREATMENT	BYPASS AT WQTC	1243500	NO CLEANUP POSSIBLE, DISCHARGE DIRECTLY TO STREAM	CORRECTIVE WO# 1243501, INVESTIGATE & REPAIR CAUSE OF DISCHARGE
HUNTING CREEK NORTH	KY0029106	9810 U S HIGHWAY 42	04/23/11 8:40: AM	4/23/2011 9:30	7,138 GAL	Sewer Treatment Plant	MSD0291	STREAM	HARRODS CREEK	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	BYPASS AT WQTC	1249622	PIPE DISCHARGE SUBMERGED- NO CLEANUP	SHUT PLANT AERATION OFF TO LET SETTLE.
HUNTING CREEK NORTH	KY0029106	9810 U S HIGHWAY 42	04/23/11 6:30: PM	4/23/2011 19:30	3,000 GAL	Sewer Treatment Plant	MSD0291	STREAM	HARRODS CREEK	LACK OF SYSTEM CAPACITY CAUSED BY RAIN EVENT	BYPASS AT WQTC	1249627	MSD CLEANED & SANITIZED THE AREA	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP
CHENOWETH RUN	KY0042226	14000 BECKLEY TRCE	04/12/11 9:15: AM	4/12/2011 17:00	550,000 GAL	Sewer Treatment Plant	MSD0403	GROUND	CHENOWETH RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	BYPASS AT WQTC	1243078	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
CHENOWETH RUN	KY0042226	14000 BECKLEY TRCE	04/27/11 8:00: AM	4/28/2011 3:00	228,000 GAL	Sewer Treatment Plant	MSD0403	GROUND	CHENOWETH RUN	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	BYPASS AT WQTC	1252909	NO DEBRIS	A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP
CHENOWETH RUN	KY0042226	14000 BECKLEY TRCE	05/03/11 10:25: AM	5/3/2011 14:20	5,875 GAL	Sewer Treatment Plant	MSD0403	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BYPASS AT WQTC	1258039	MSD CLEANED & SANITIZED THE AREA	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Appendix A-3 - Discharge Work Orders – BLENDING

## BLENDING EVENTS AT JEFFERSONTOWN WQTC

APRIL 1, 2011 THROUGH JUNE 30, 2011

Associated Wastewater Treatment Plant Name	Associated Treatment Plant KPDES #	Overflow Location	Overflow Start Date & Time	Overflow Stop Date & Time	Volume of Overflow	Source Asset Type	Source Asset ID	Facility Discharges To	Receiving Stream	Cause of Overflow	Due To	WO #	Cleanup Efforts by MSD	Repair Efforts by MSD
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	04/04/11 4:58: PM	4/4/2011 22:06	251,808 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1239619	NO CLEAN UP PERFORMED - PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	04/11/11 6:09: PM	4/13/2011 12:44	10,253,354 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA	BLENDING AT JTOWN WQTC	1242536	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION.
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	04/23/11 5:47: AM	4/29/2011 11:59	16,950,522 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	BLENDING AT JTOWN WQTC	1249243	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	NOGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	05/01/11 7:49: AM	5/1/2011 13:25	87,413 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1254919	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	05/02/11 6:54: AM	5/4/2011 21:02	7,136,760 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1254923	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	05/23/11 9:20: PM	5/24/2011 3:14	243,550 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1266663	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	05/26/11 1:52: AM	5/27/2011 12:36	3,247,272 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1267792	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION
JEFFERSONTOWN	KY0025194	10725 OLD TAYLORSVILLE RD	06/22/11 10:54: PM	6/23/2011 20:15	3,181,344 GAL	Sewer Treatment Plant	MSD0255	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	BLENDING AT JTOWN WQTC	1285823	NO CLEAN UP PERFORMED: PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM	NEGOTIATIONS ARE UNDERWAY TO ALLOW TEMPORARY BLENDING AT THIS LOCATION

Appendix B – CSO Flow Monitoring Data

### **Data Exceptions for 4/1/2011 - 7/1/2011**

CS0019 - 4/10/2011 - 4/11/2011 Sigma Battery was replaced.

CS0118 - Installed on 4/4/2011

CS0152 - Uninstalled on 6/21/2011

CS0153 - Flow switched from Flodar to Sigma; data gap from 3/7/2011 - 4/20/2011

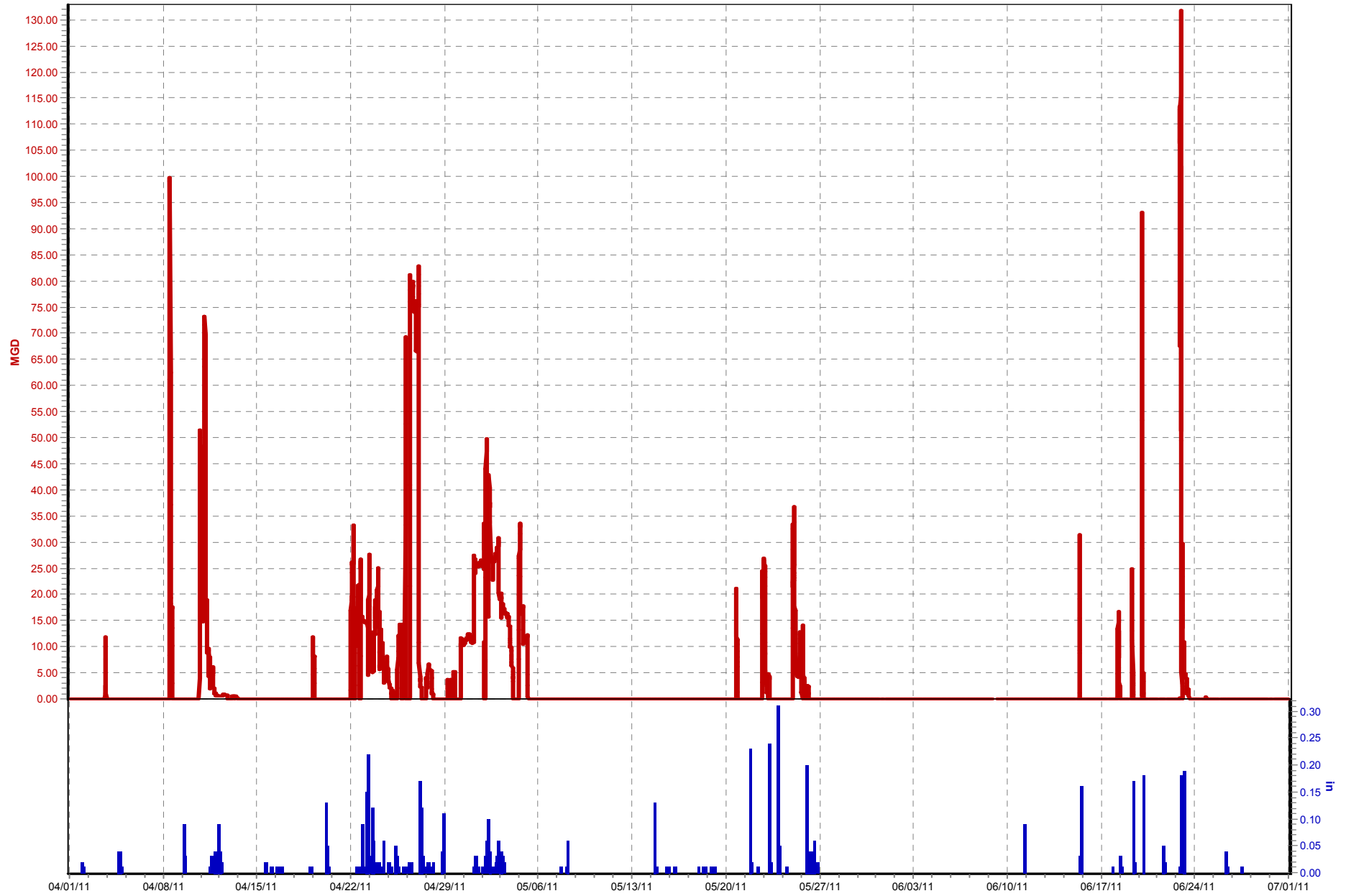
CS0166 - Uninstalled on 6/28/2011

CS0190 - 5/8/2011 - 5/13/2011 Sigma Battery was replaced.

CS0206 - 5/13/2011 - 5/22/2011 Sigma Battery was replaced.

### CSO015\_Hist\_Data (04/01/11 to 07/01/11)

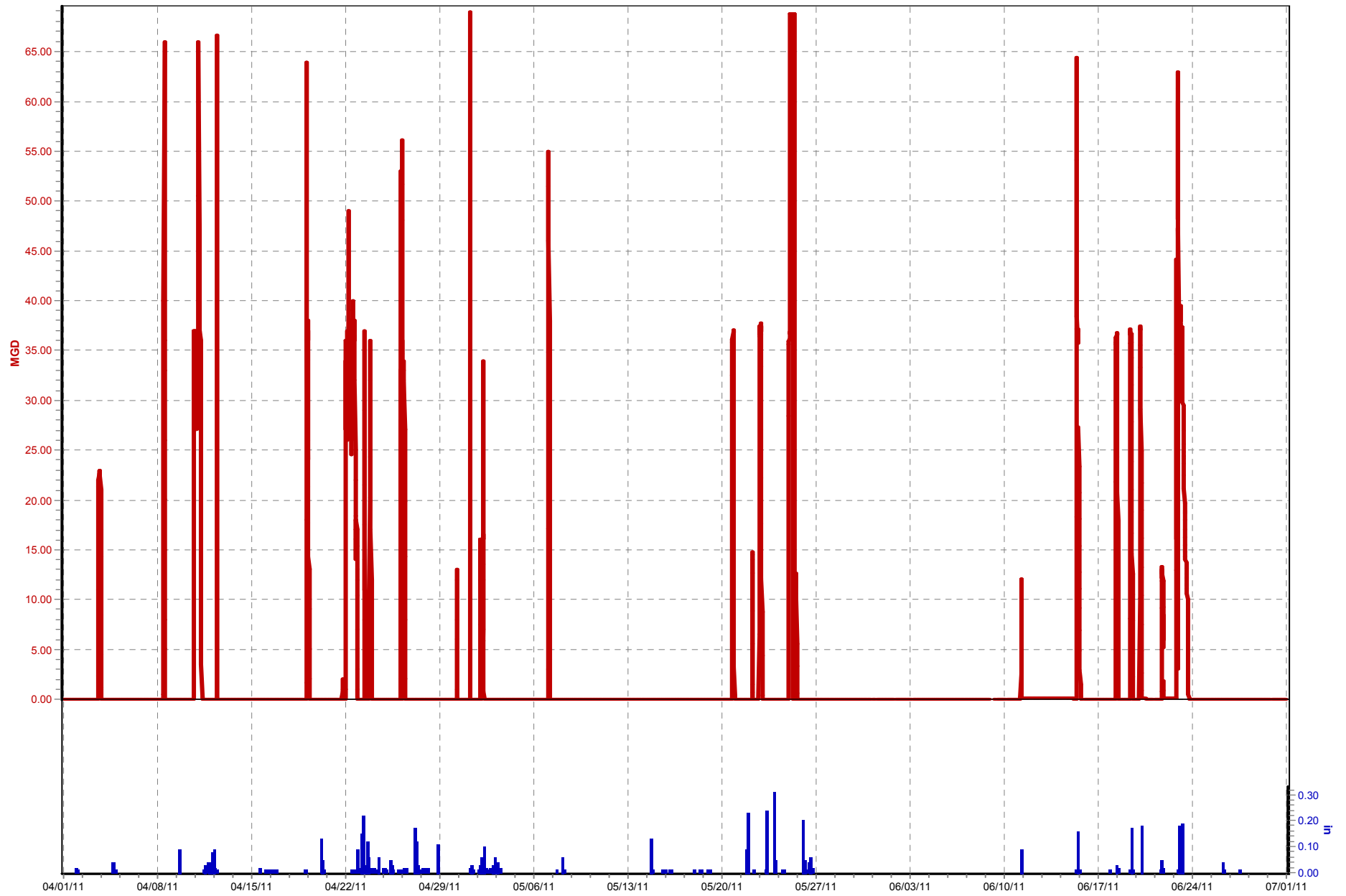
Southwestern Gate PS.Gate Flow Sum (MGD)  TR04.Rain (in)





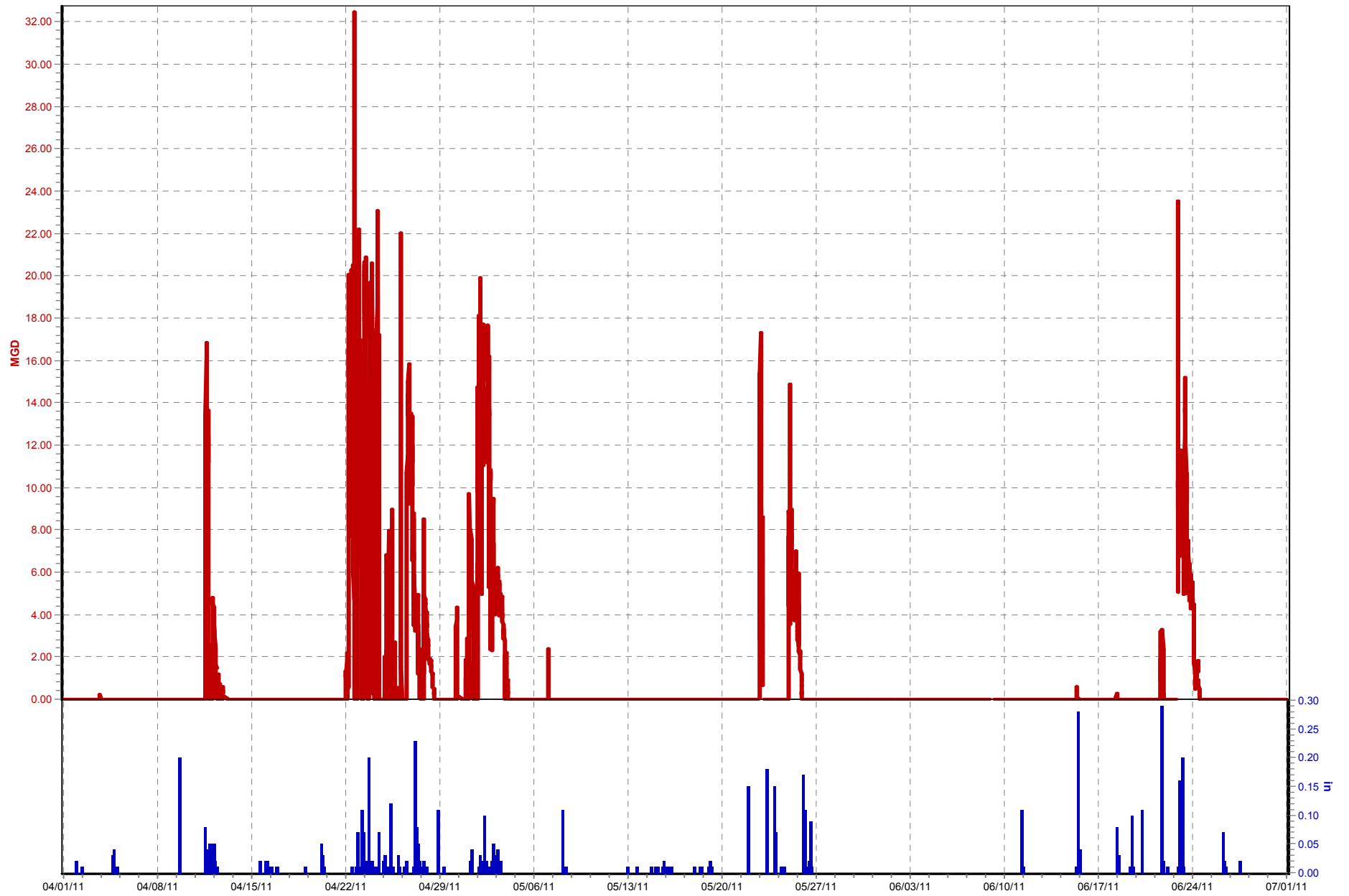
CSO016\_Hist\_Data (04/01/11 to 07/01/11)

Flow  TR04.Rain (in)



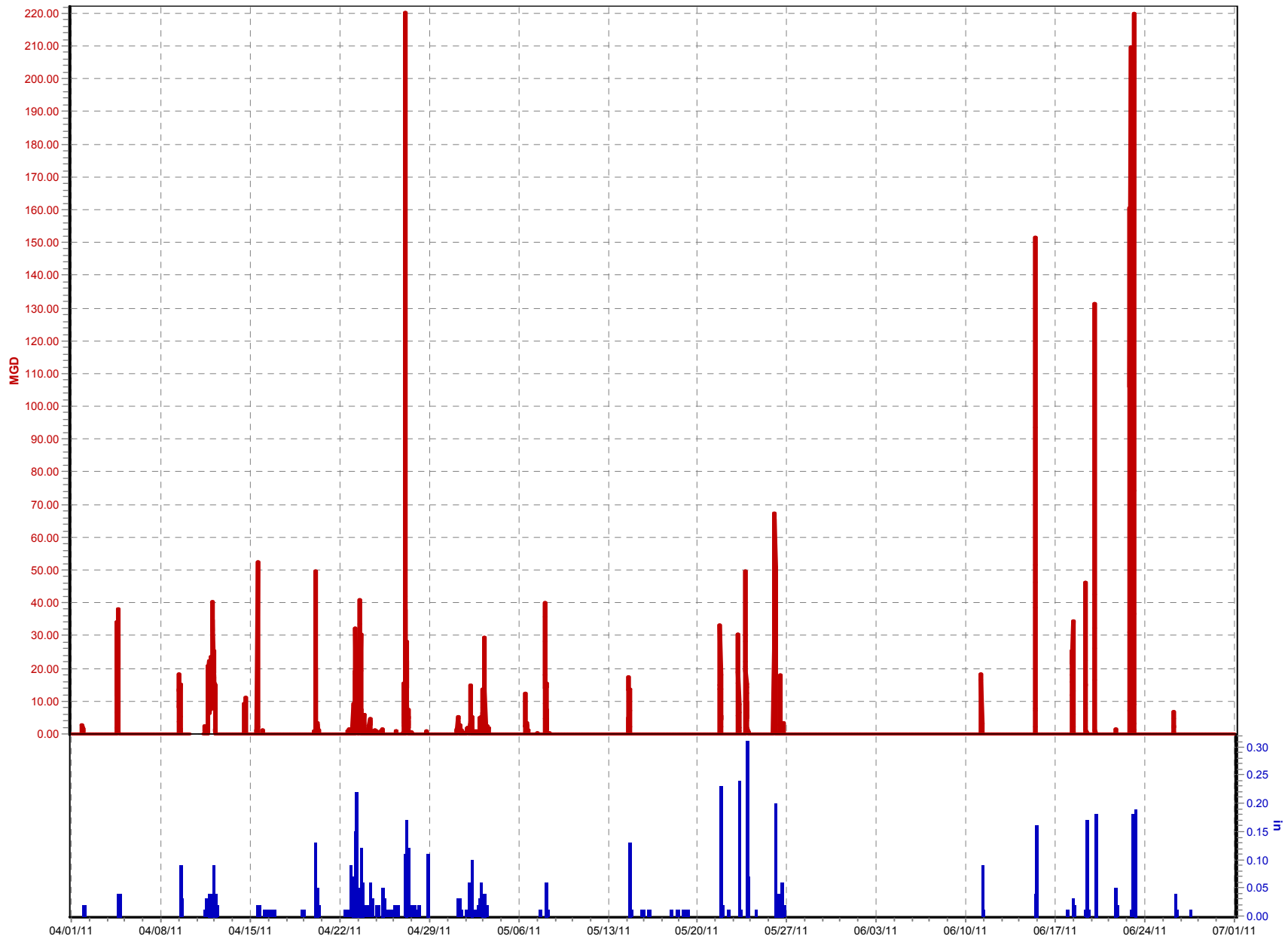
CSO018\_Hist\_Data (04/01/11 to 07/01/11)

Flow  TR12.Rain (in)



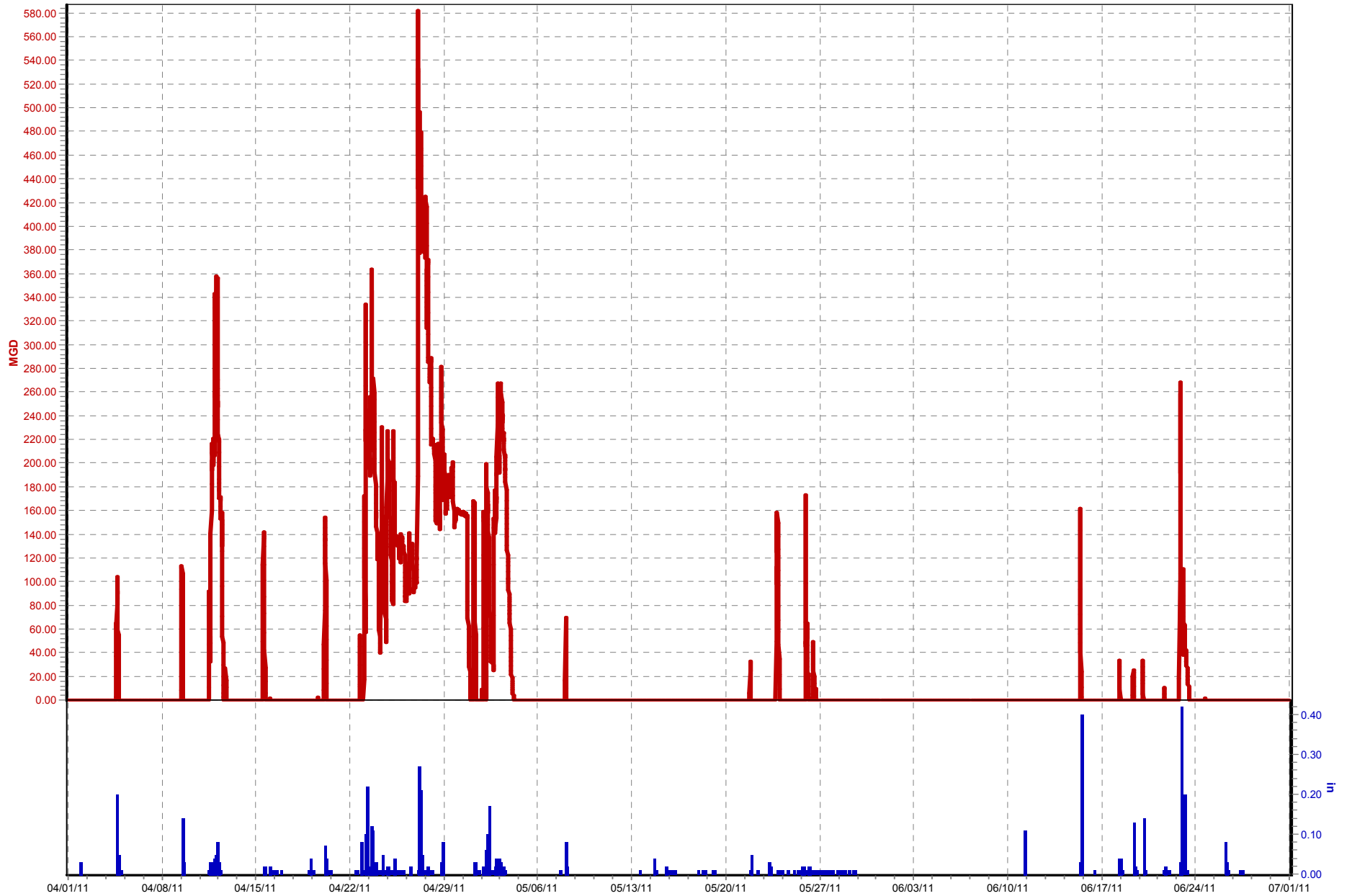
CSO019 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR04.Rain (in)



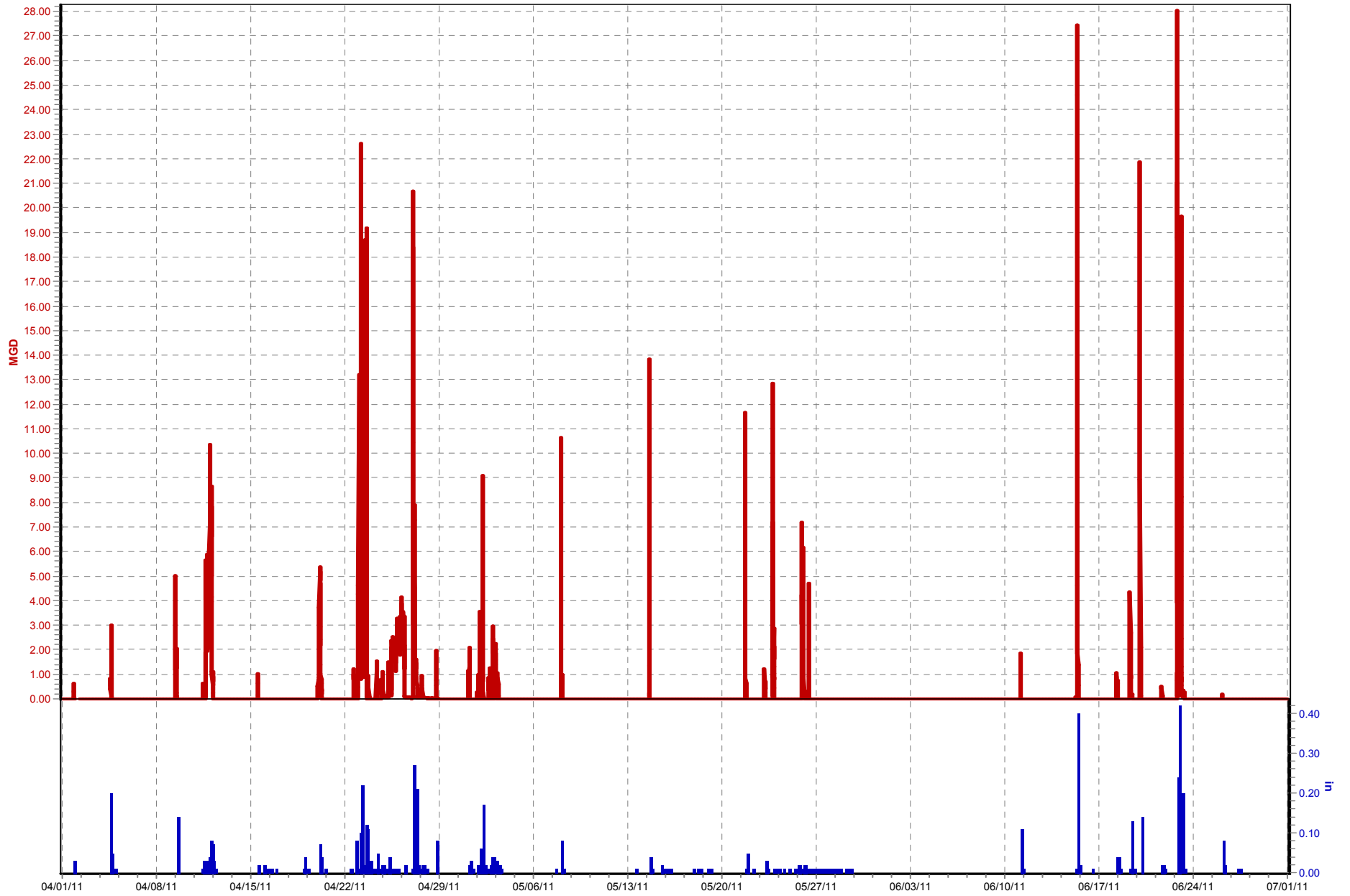
CSO020\_Hist\_Data (04/01/11 to 07/01/11)

Flow (MGD)  TR05.Rain (in)



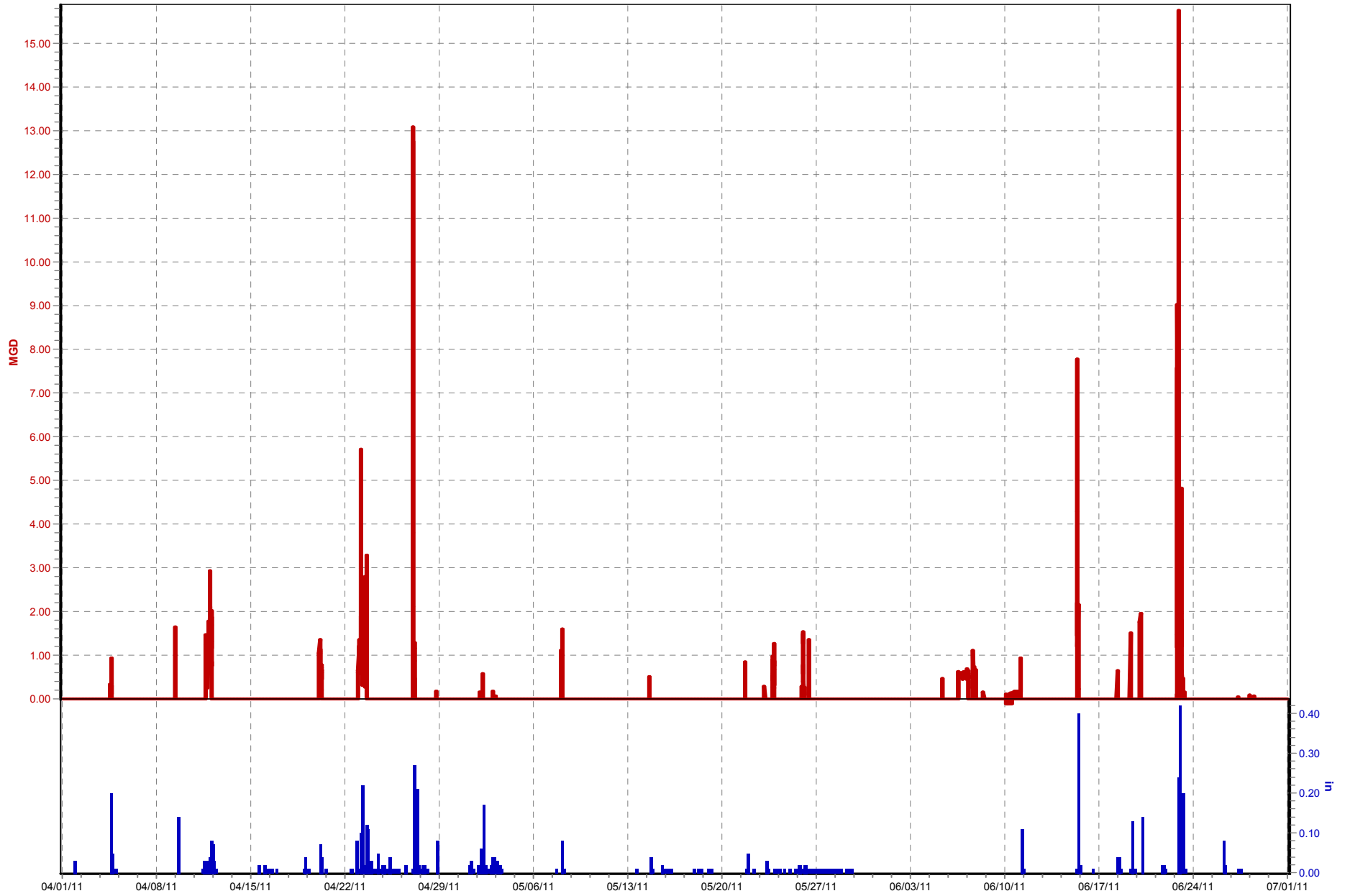
CSO050 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



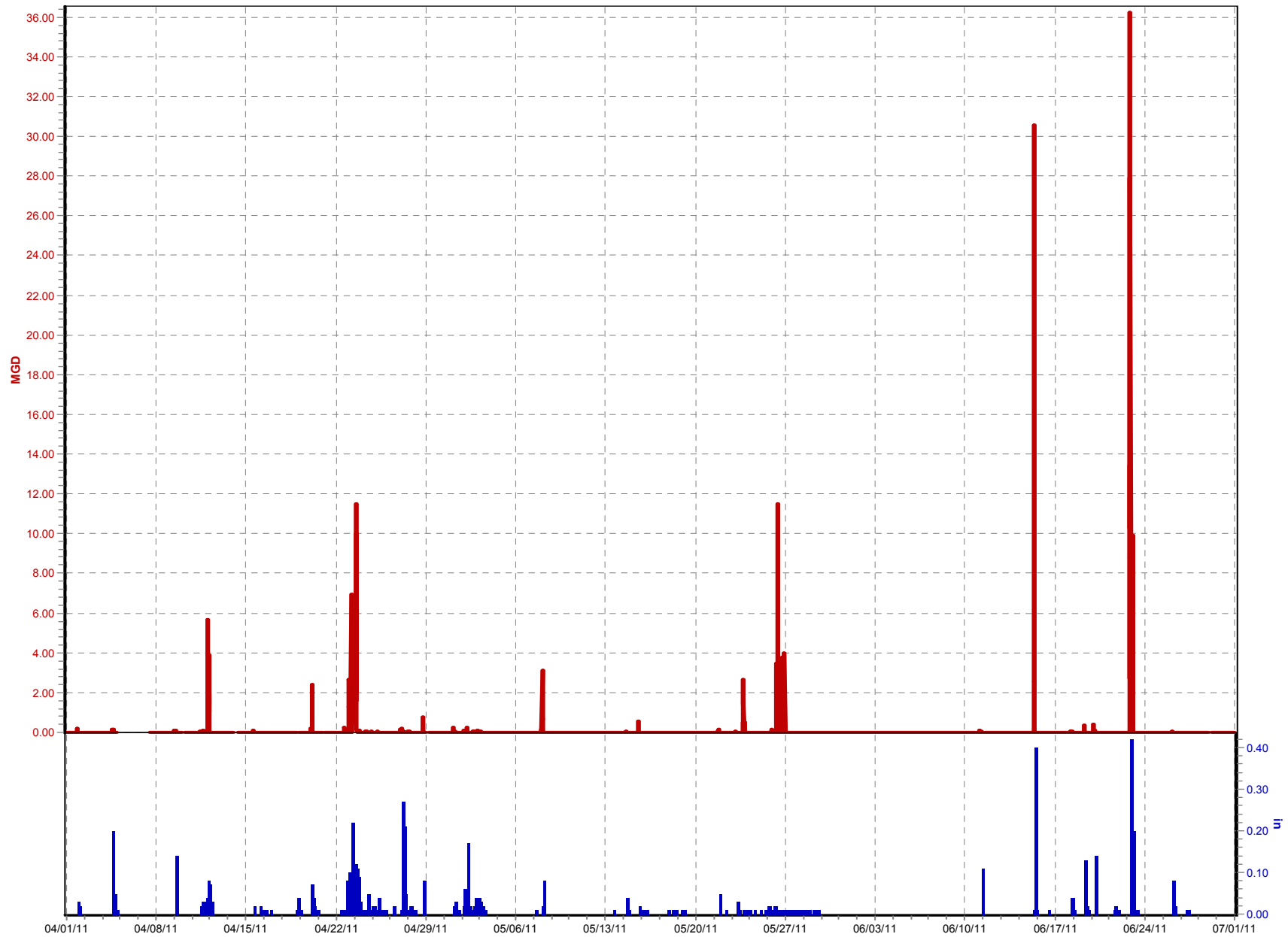
CSO055 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



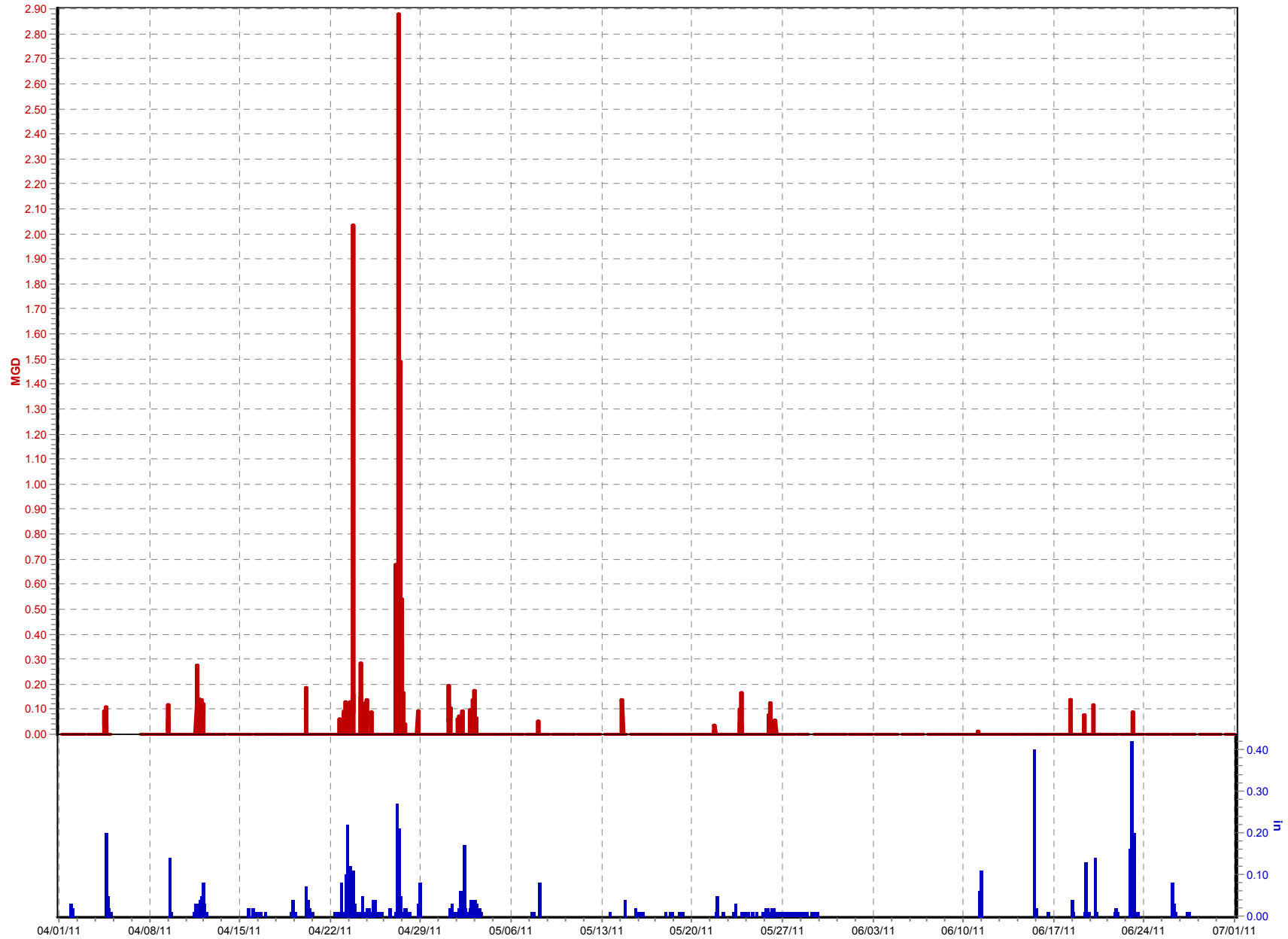
### CSO058 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



CSO084 (04/01/11 to 07/01/11)

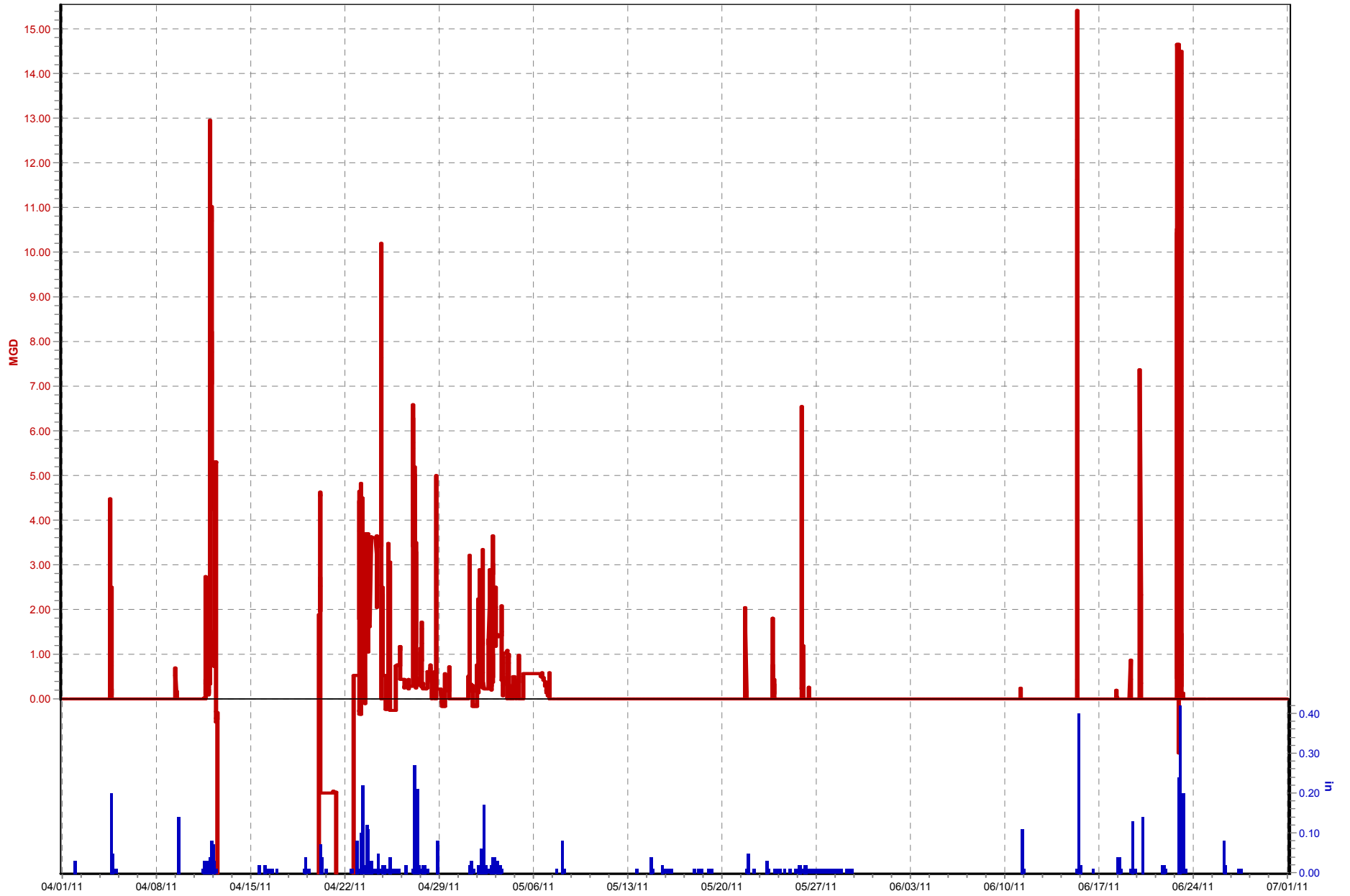
Flow 1 (MGD)  TR05.Rain (in)





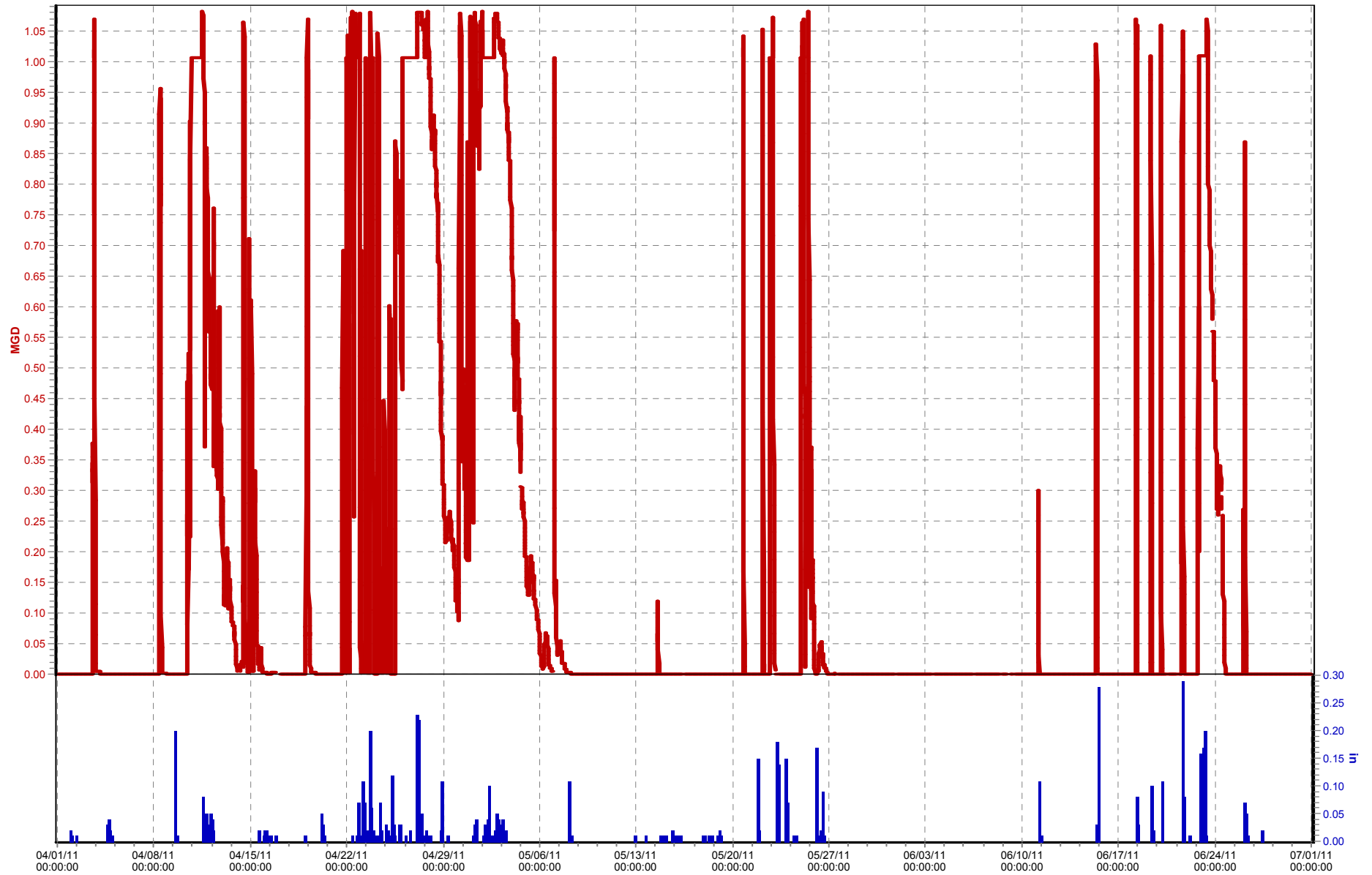
CSO088 (04/01/11 to 07/01/11)

M1 Flow (MGD)  TR05.Rain (in)



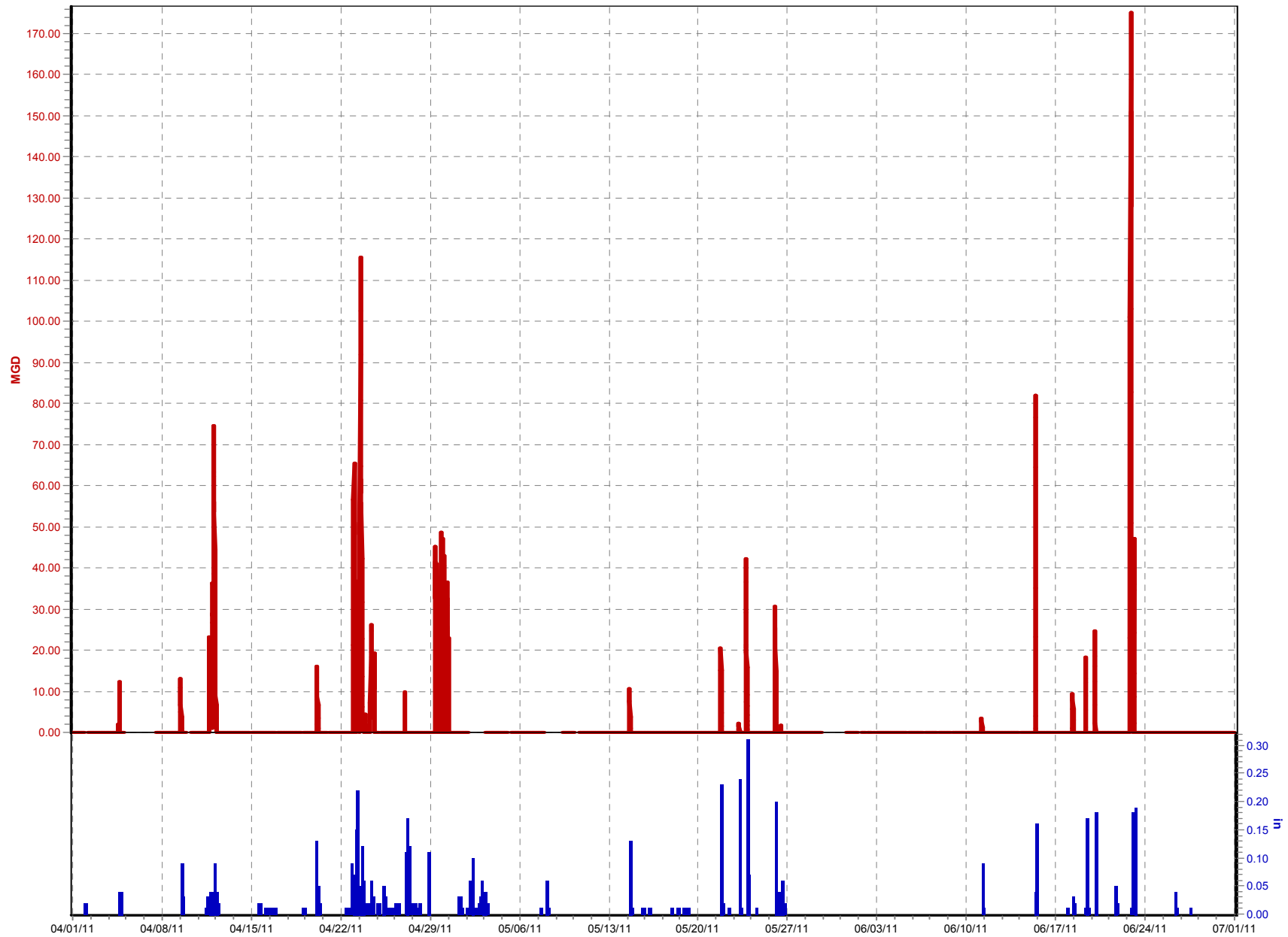
CSO097\_Hist\_Data (04/01/11 to 07/01/11)

Flow  TR12.Rain (in)



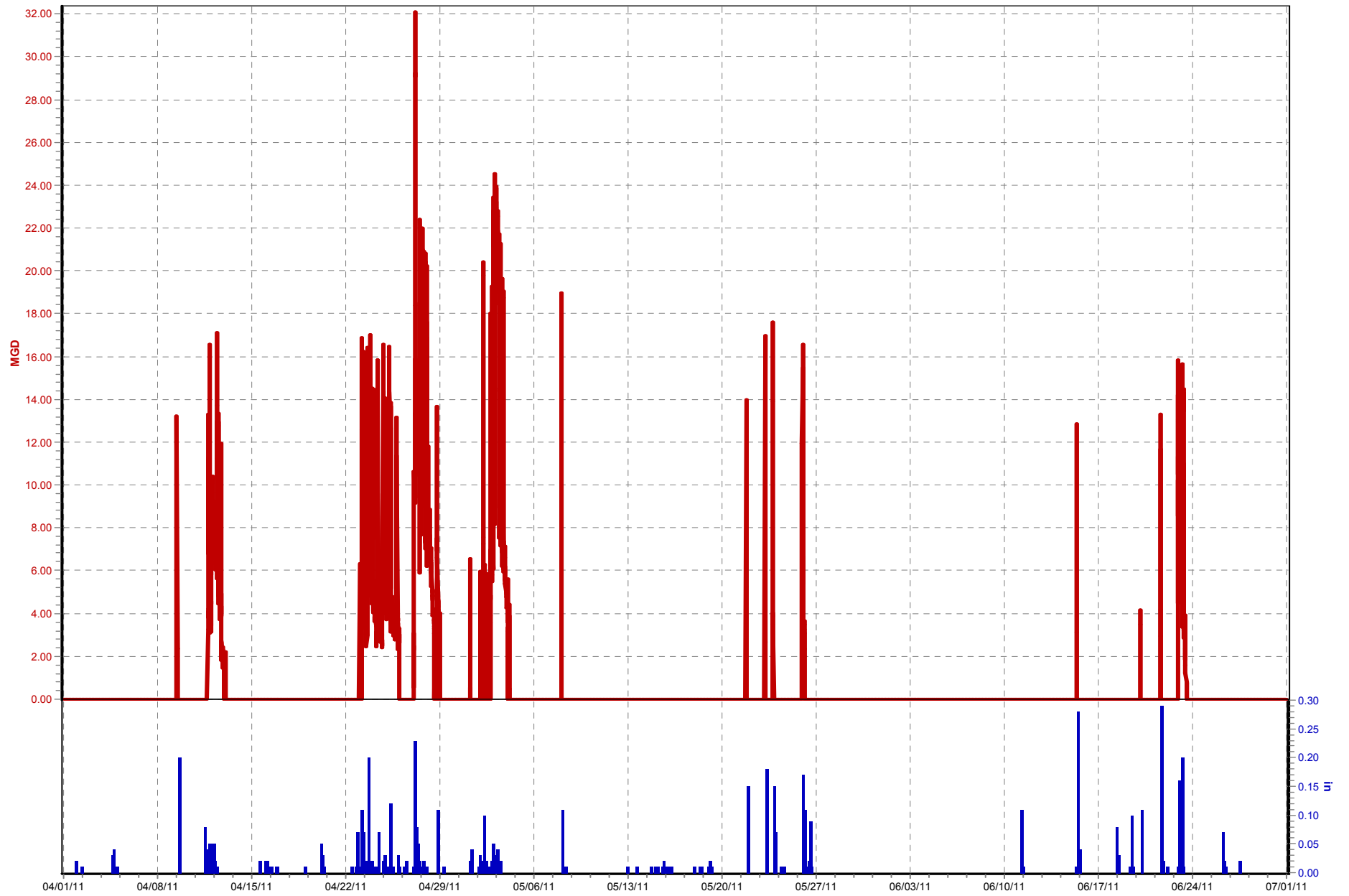
### CSO105 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR04.Rain (in)



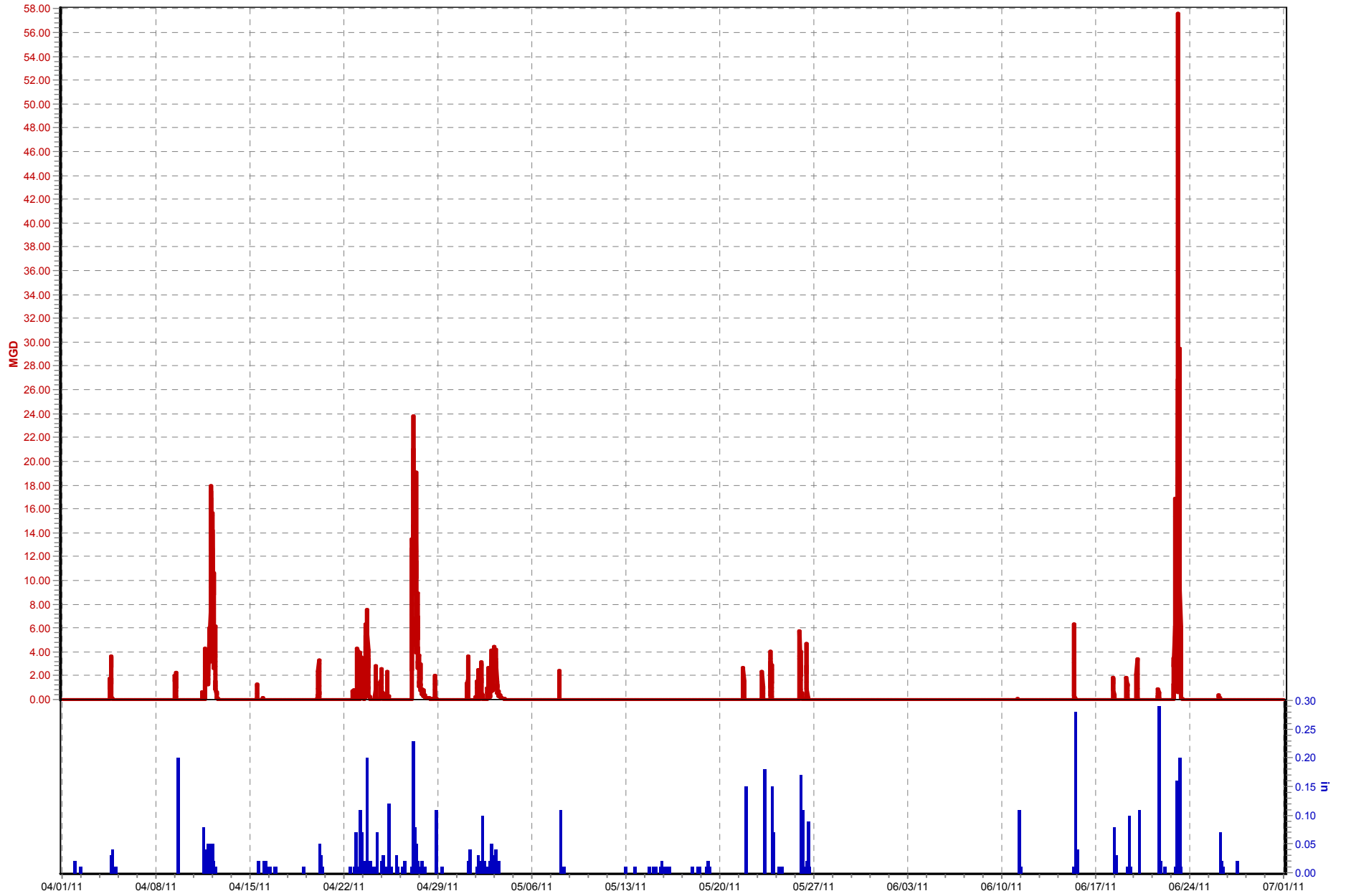
CSO108\_CDS\_OF (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR12.Rain (in)



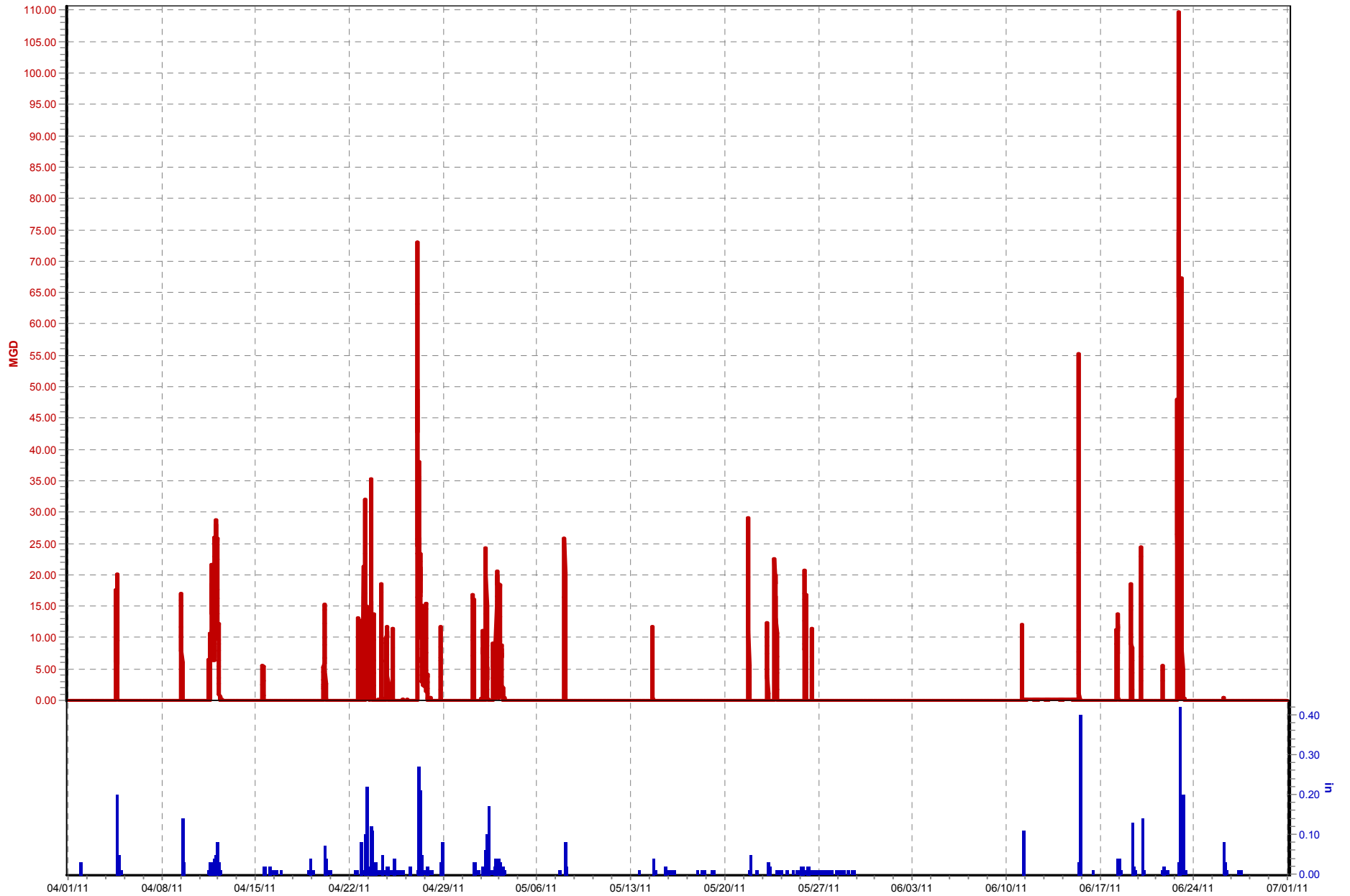
CSO110 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR12.Rain (in)



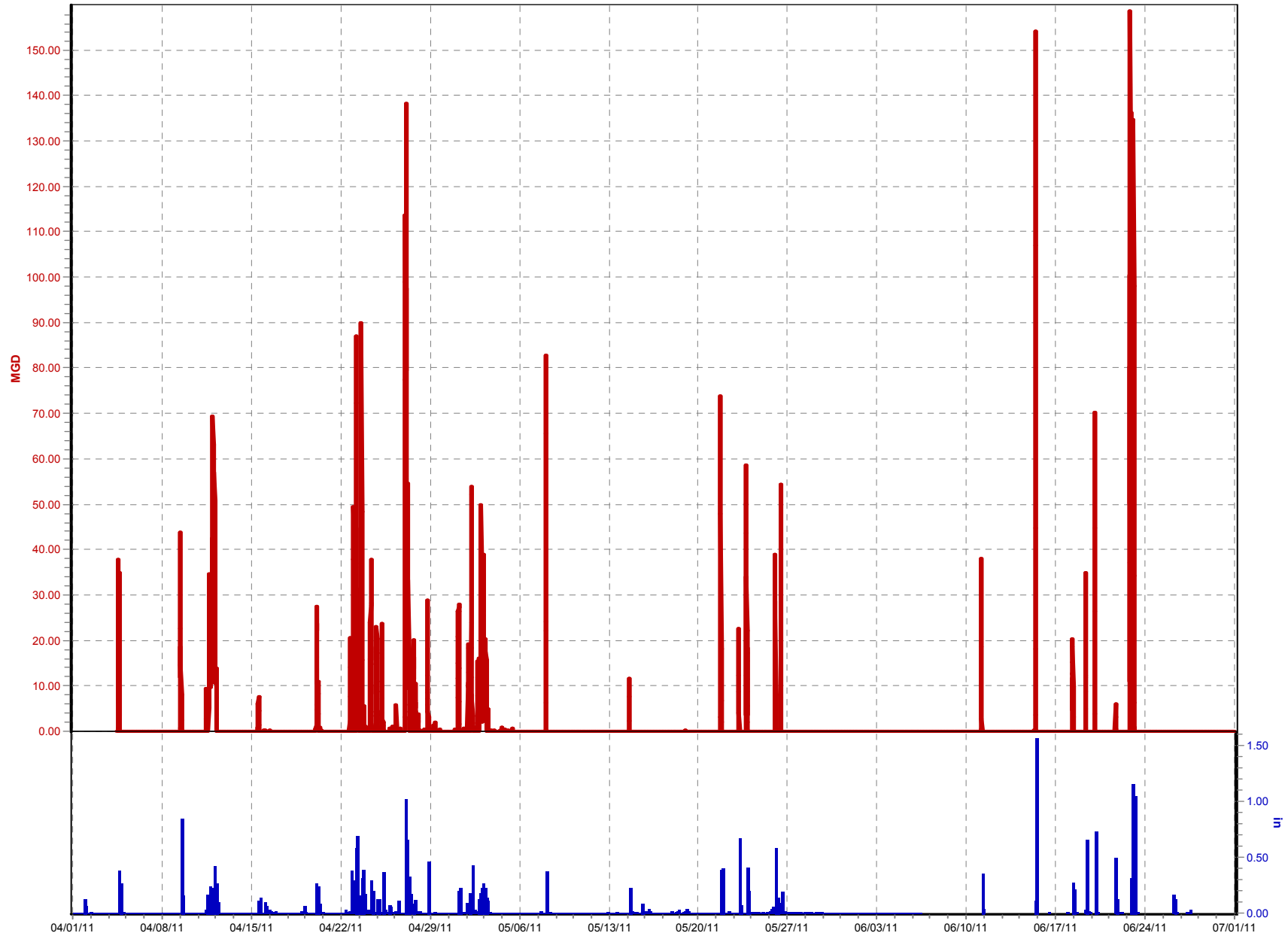
CSO117 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



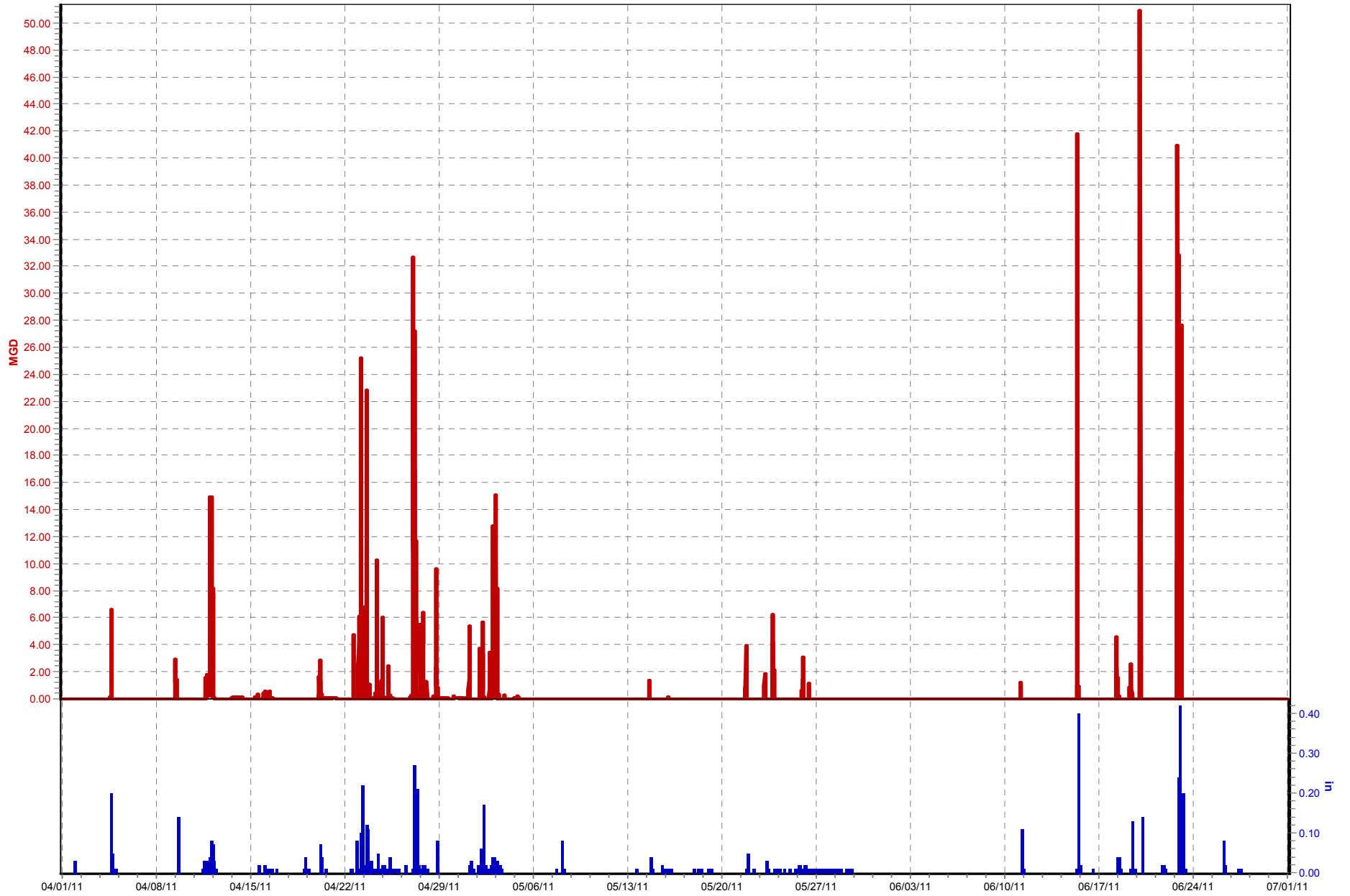
### CSO118 (04/01/11 to 07/01/11)

Flow 1 (MGD)  CSO Rain Gauge Combo.CSO\_Rain\_Sum (in)



CSO121 (04/01/11 to 07/01/11)

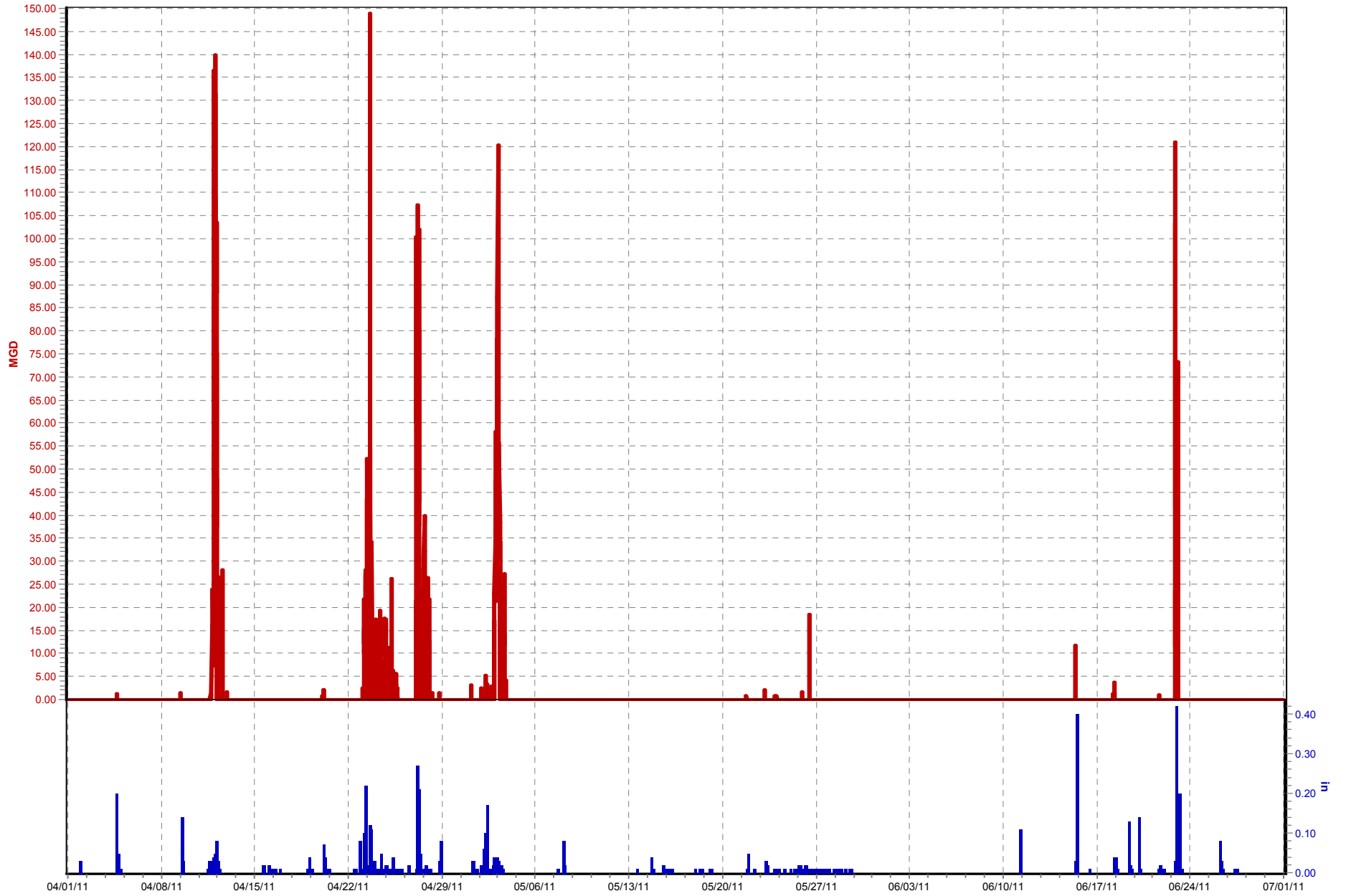
Flow 1 (MGD)  TR05.Rain (in)





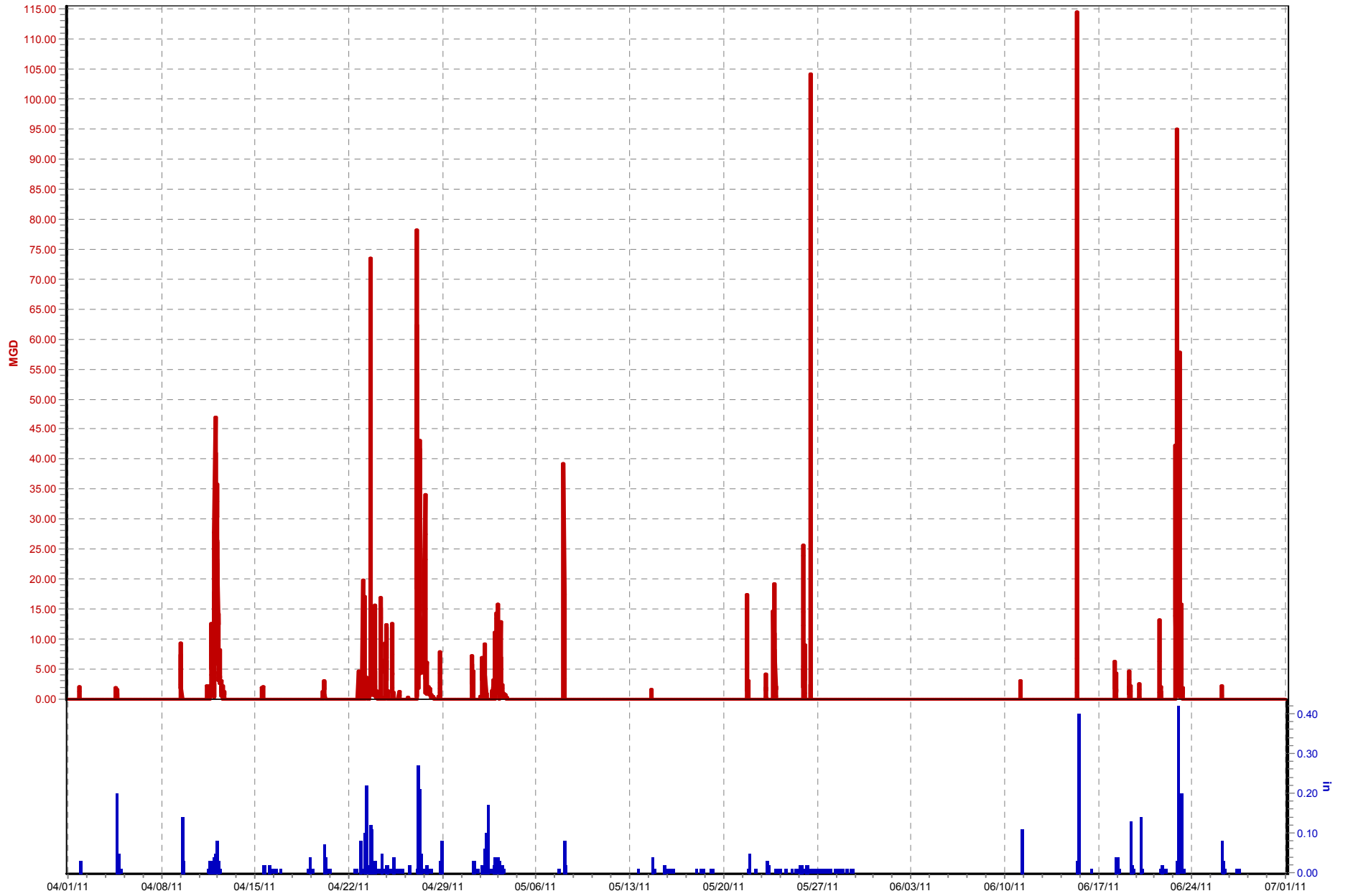
CSO125 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



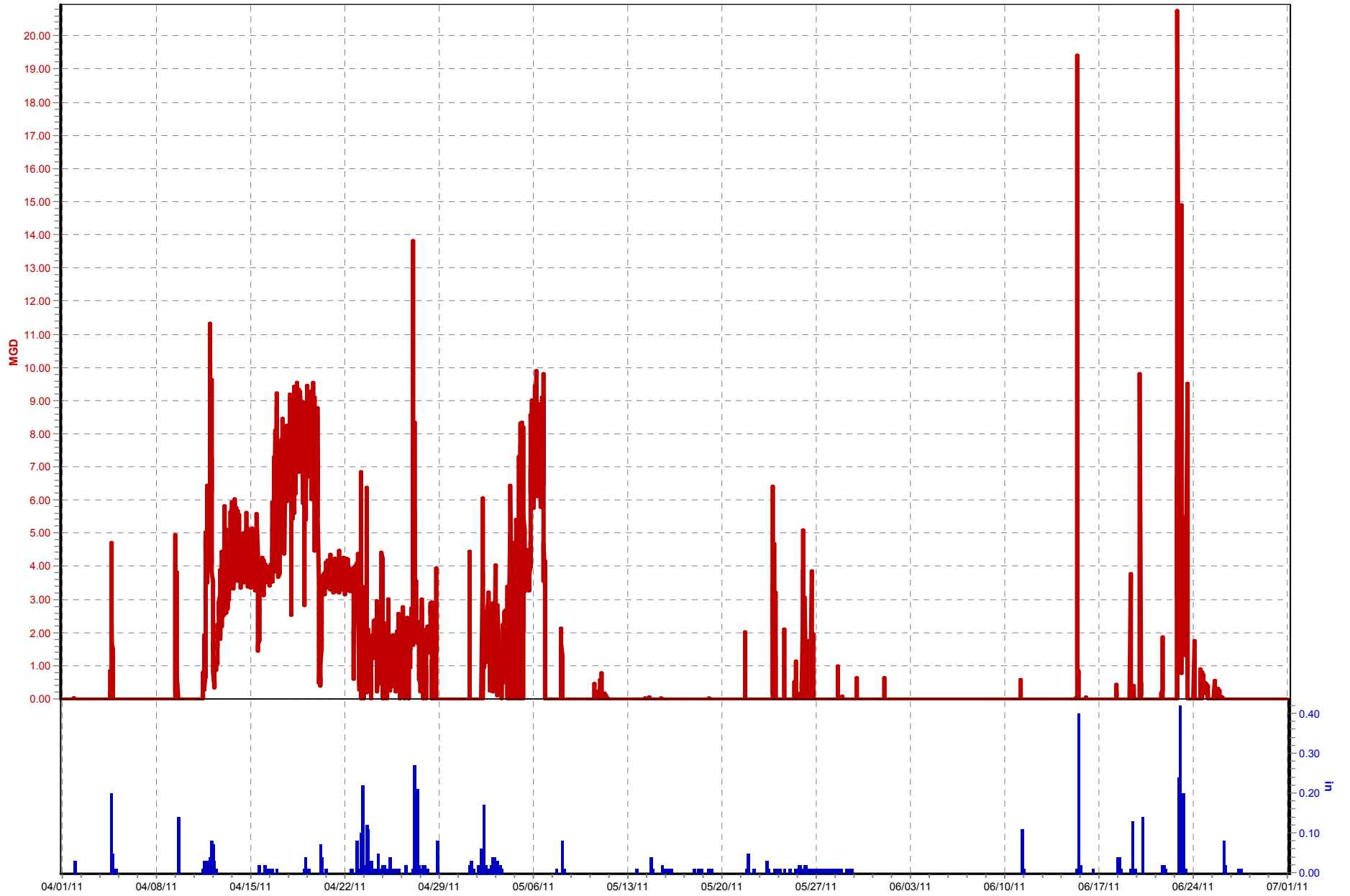
CSO127 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



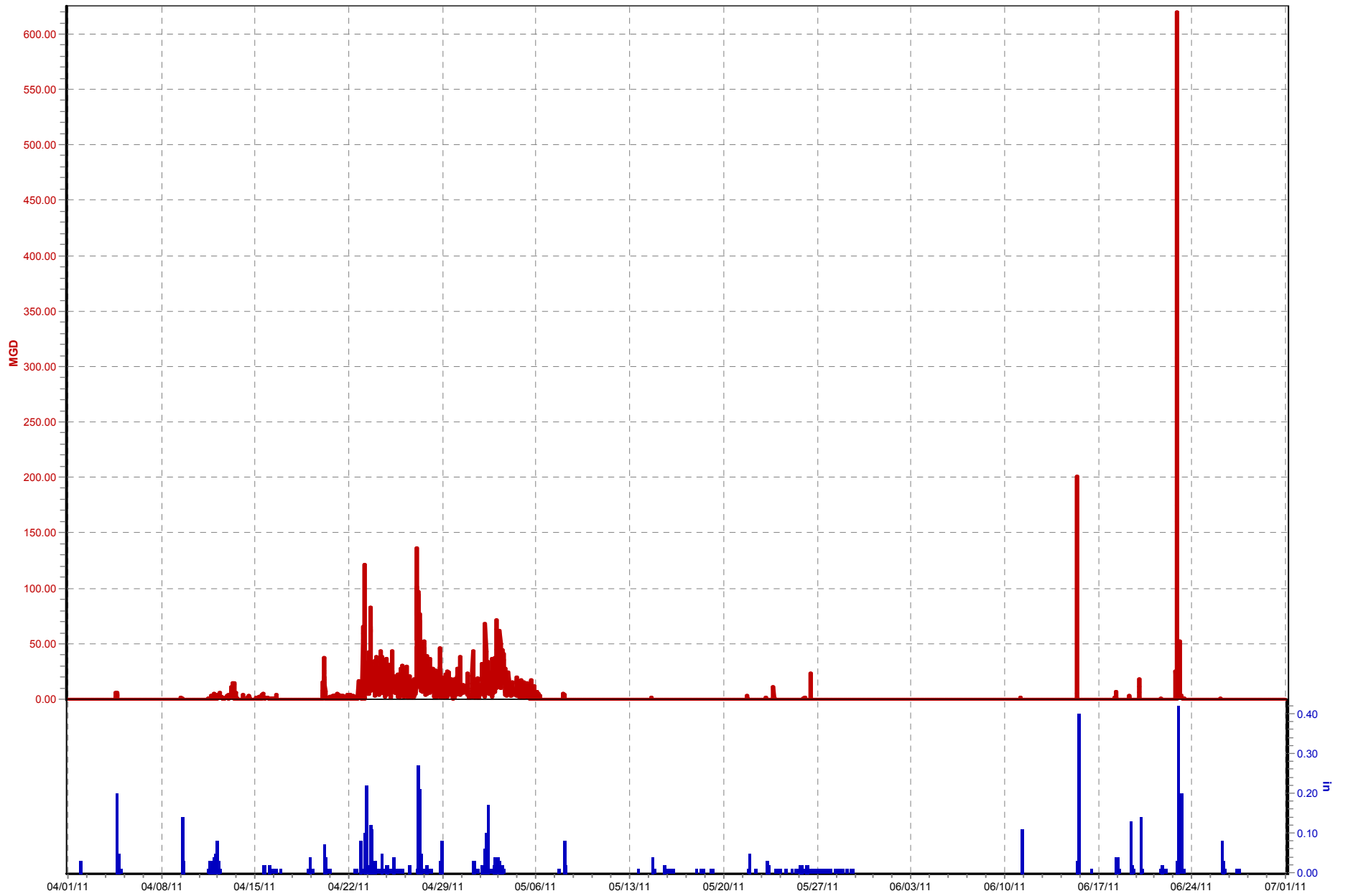
CSO130 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



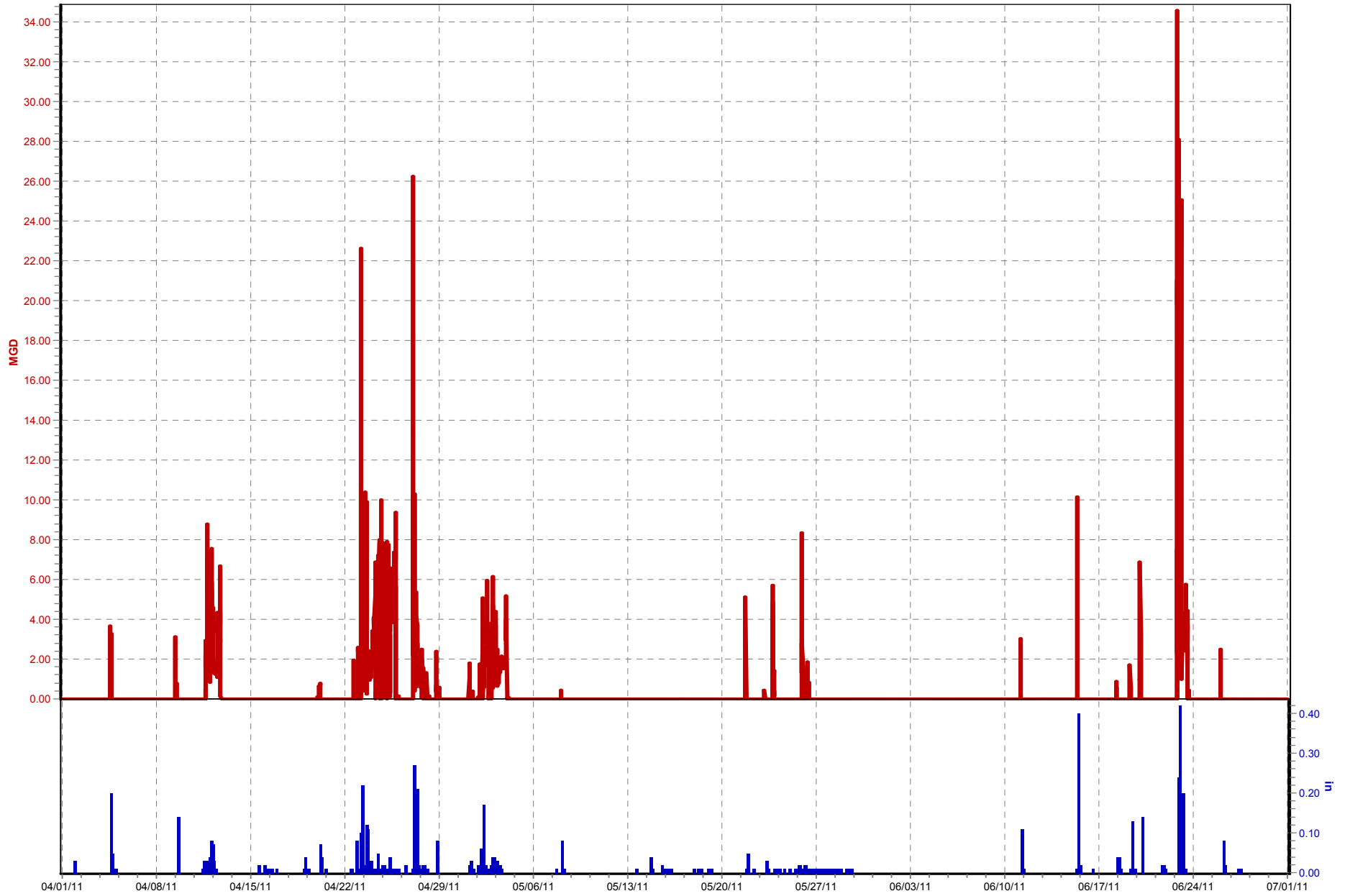
CSO132 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



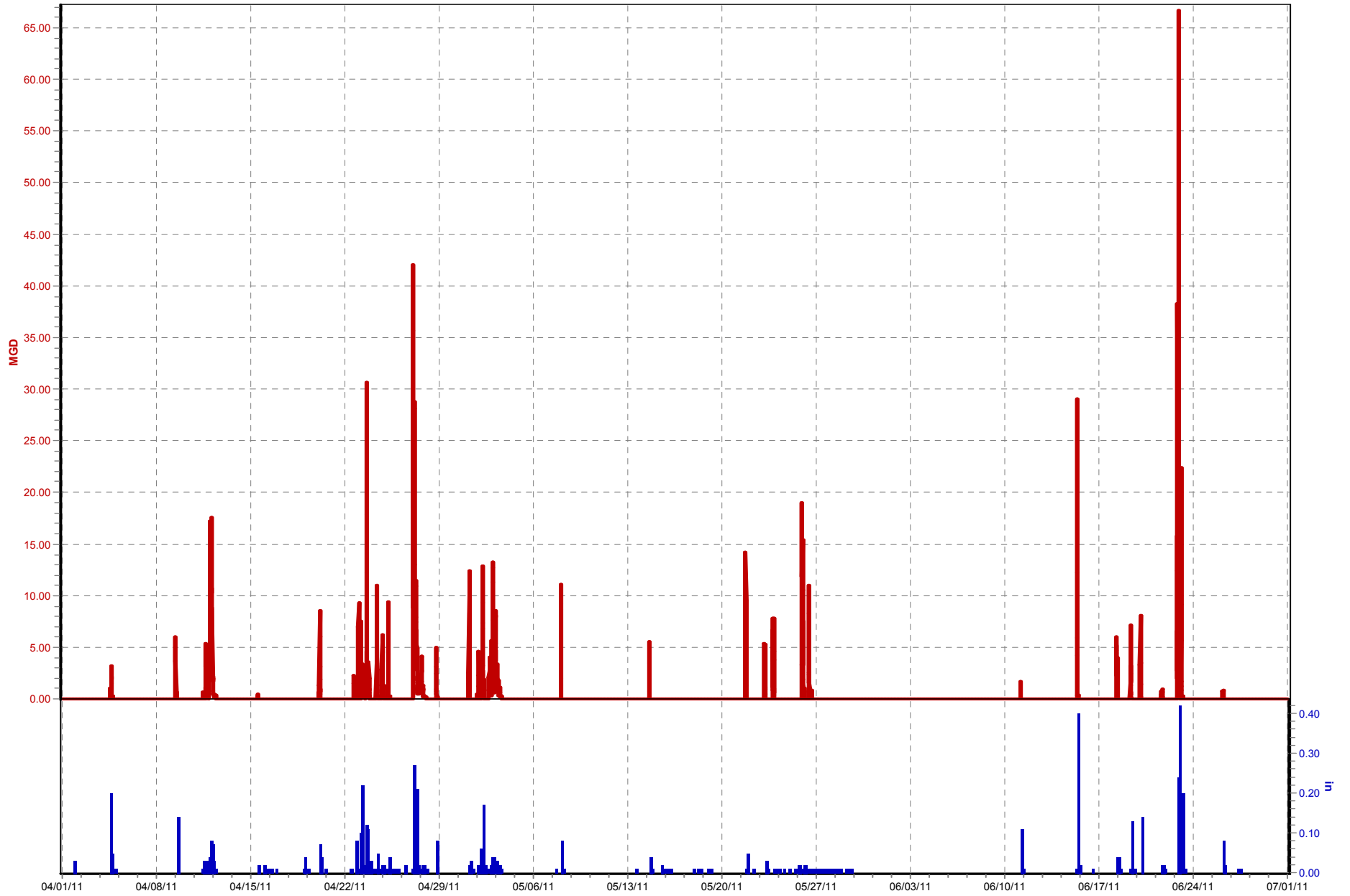
CSO140 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



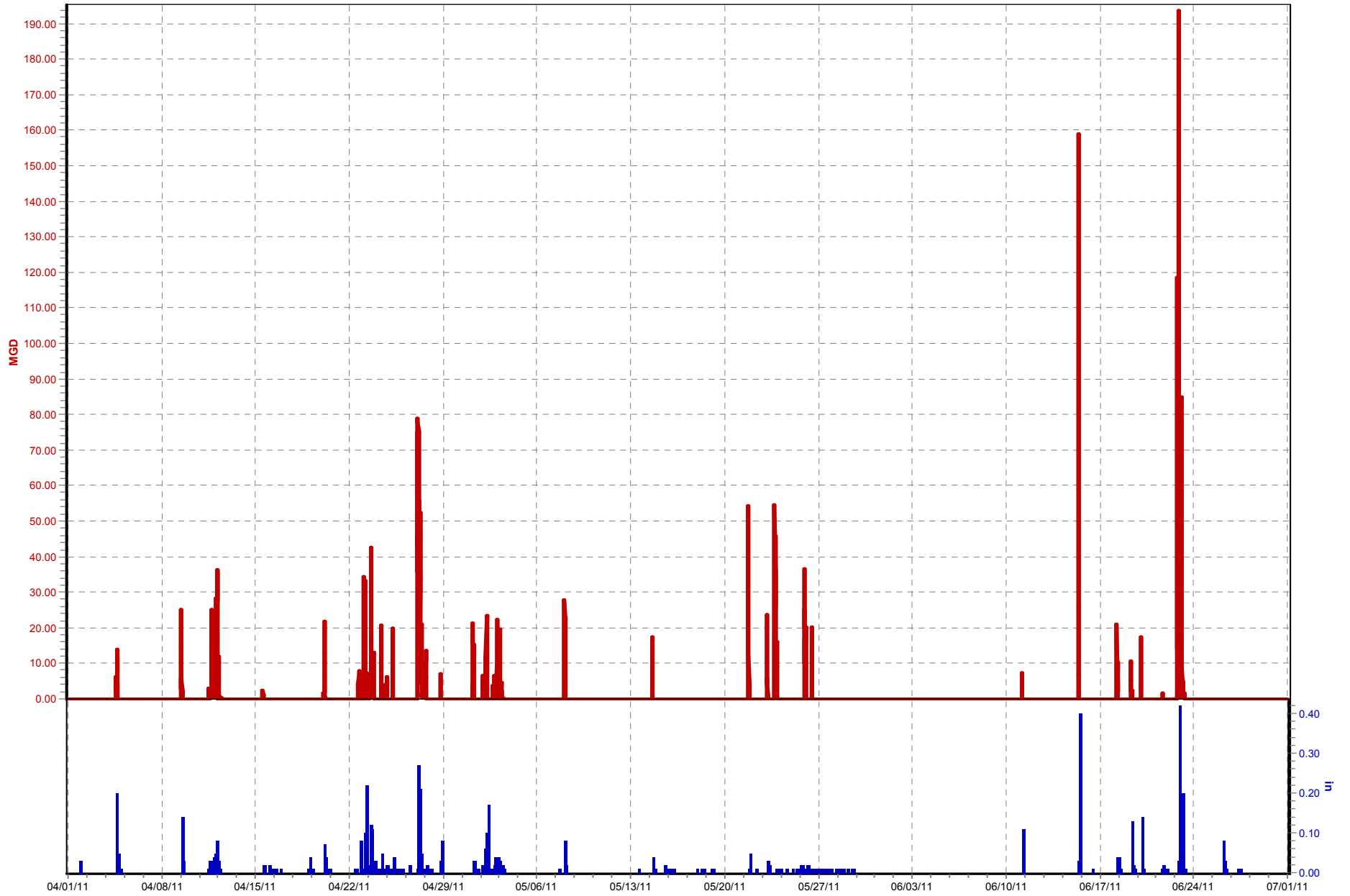
CSO146 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



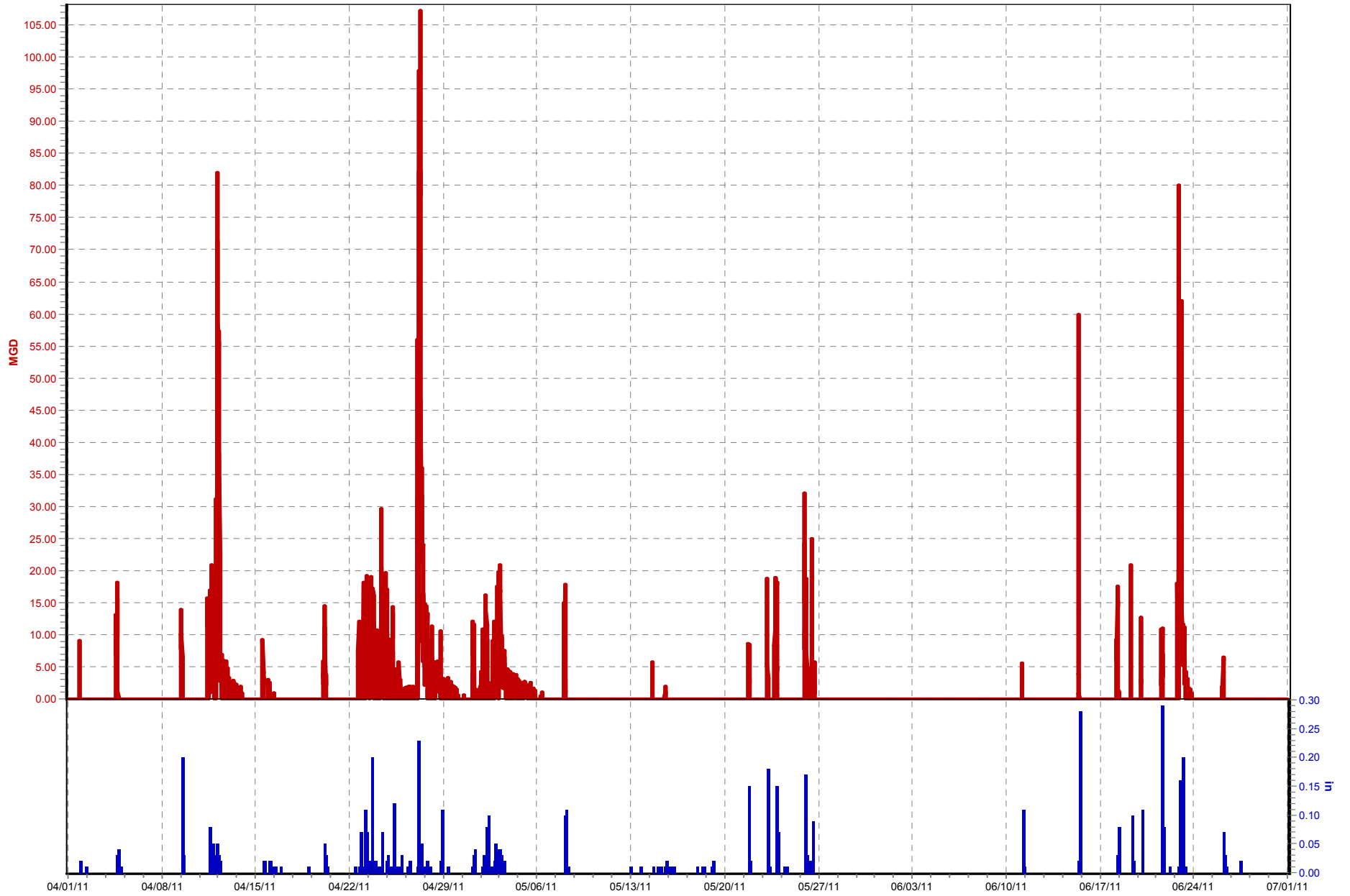
CSO149 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



CSO151 (04/01/11 to 07/01/11)

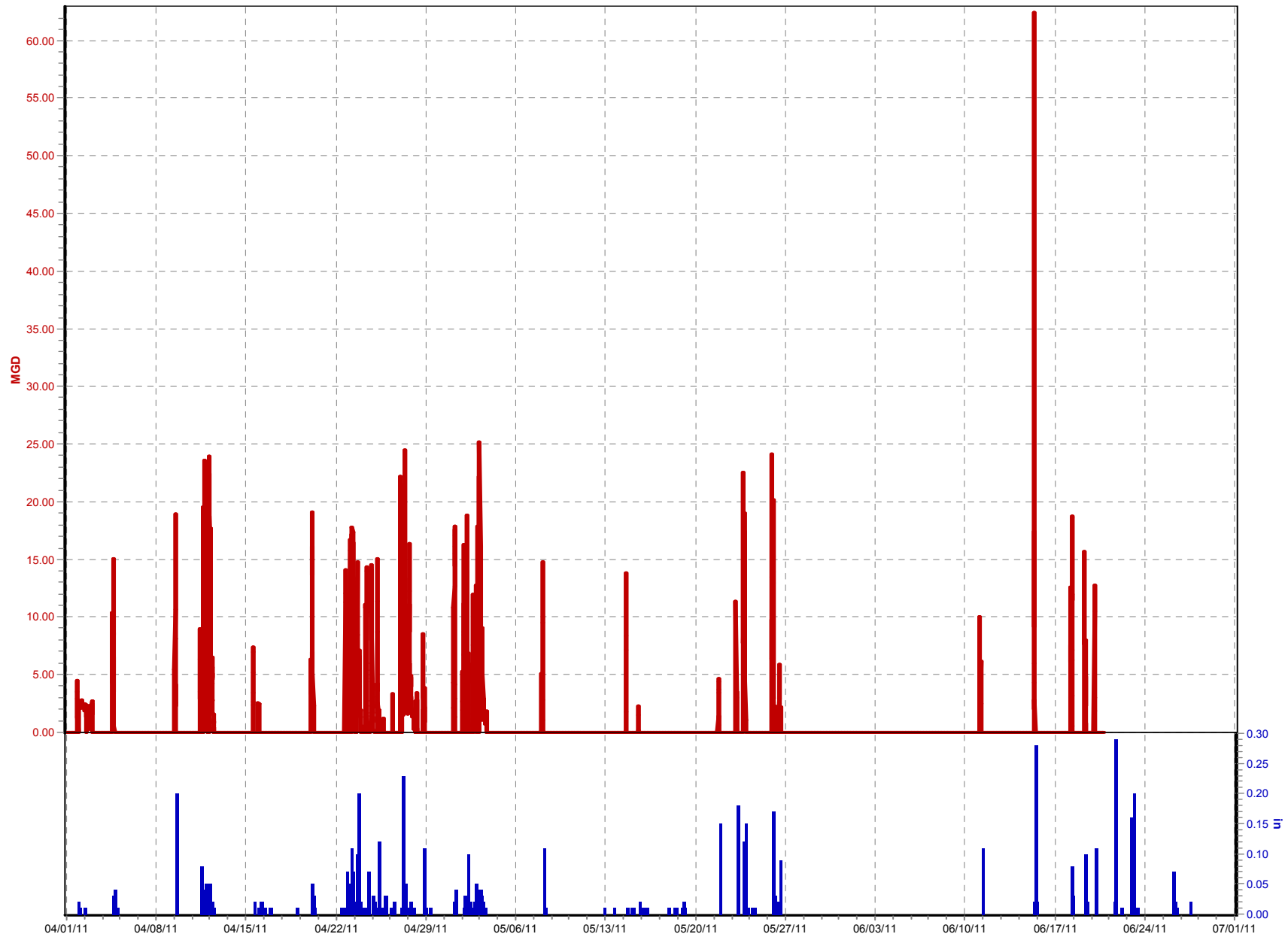
Flow 1 (MGD)  TR12.Rain (in)





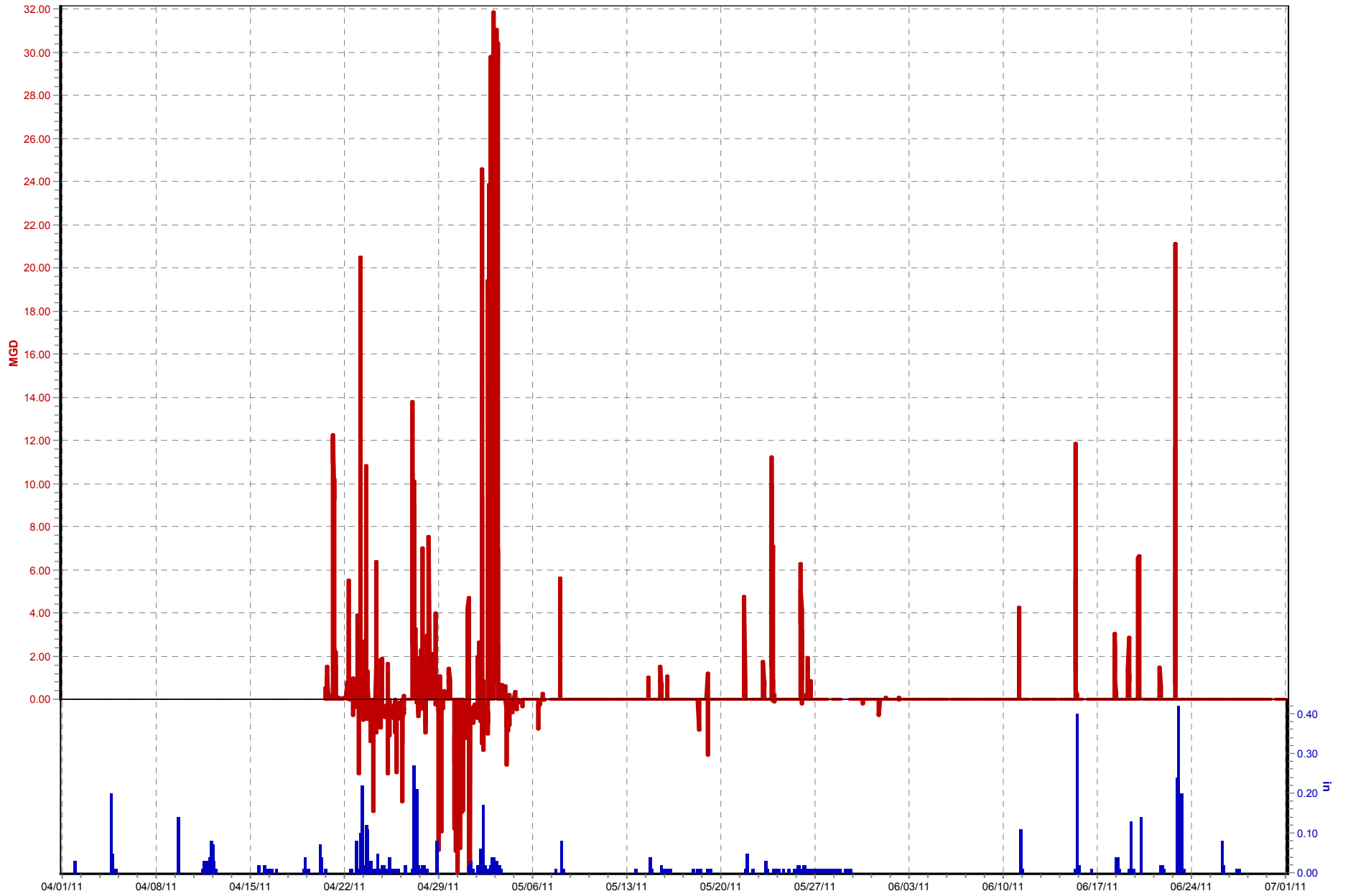
CSO152 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR12.Rain (in)



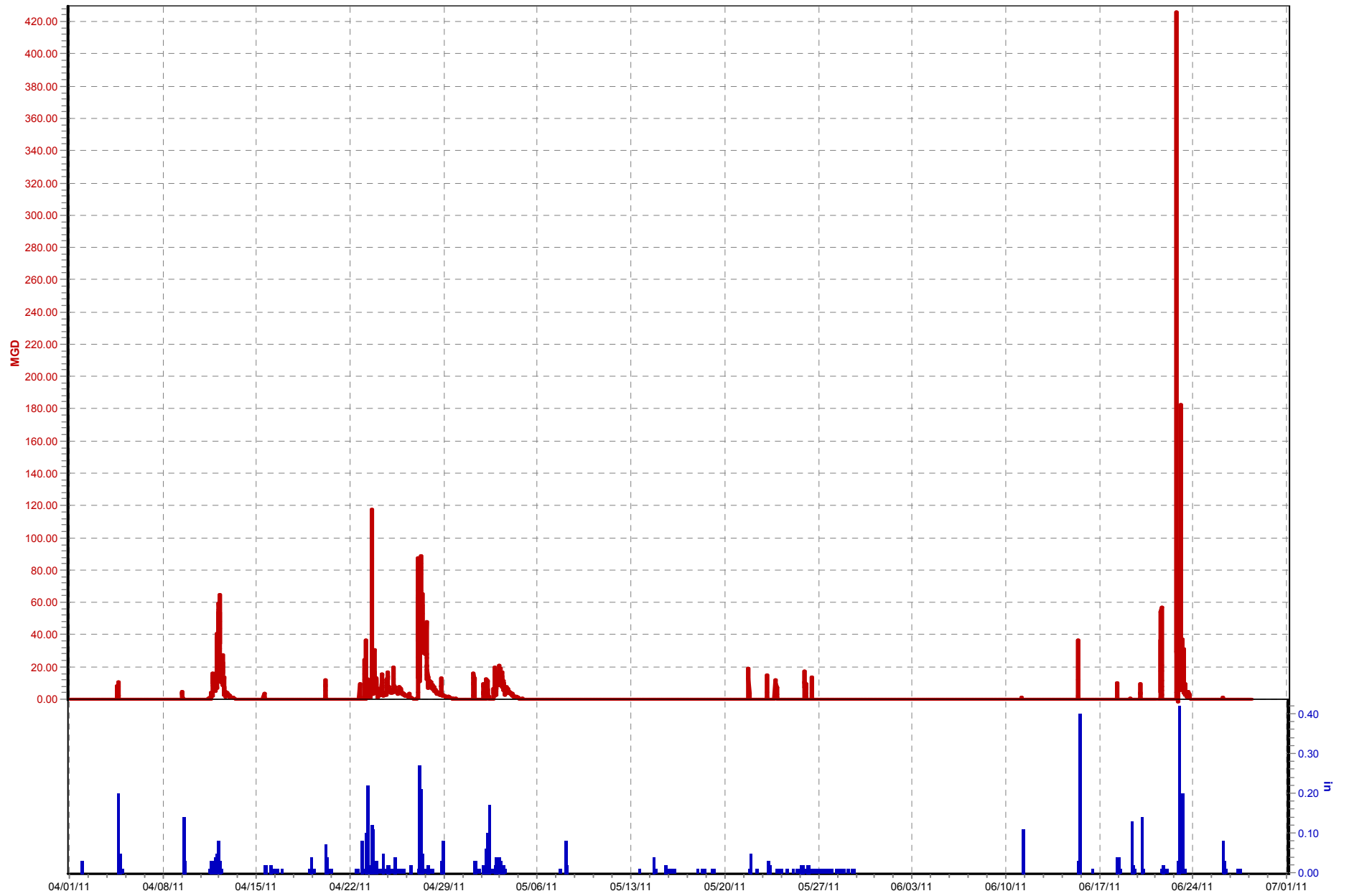
CSO153 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)  Flow\_Historic (MGD)



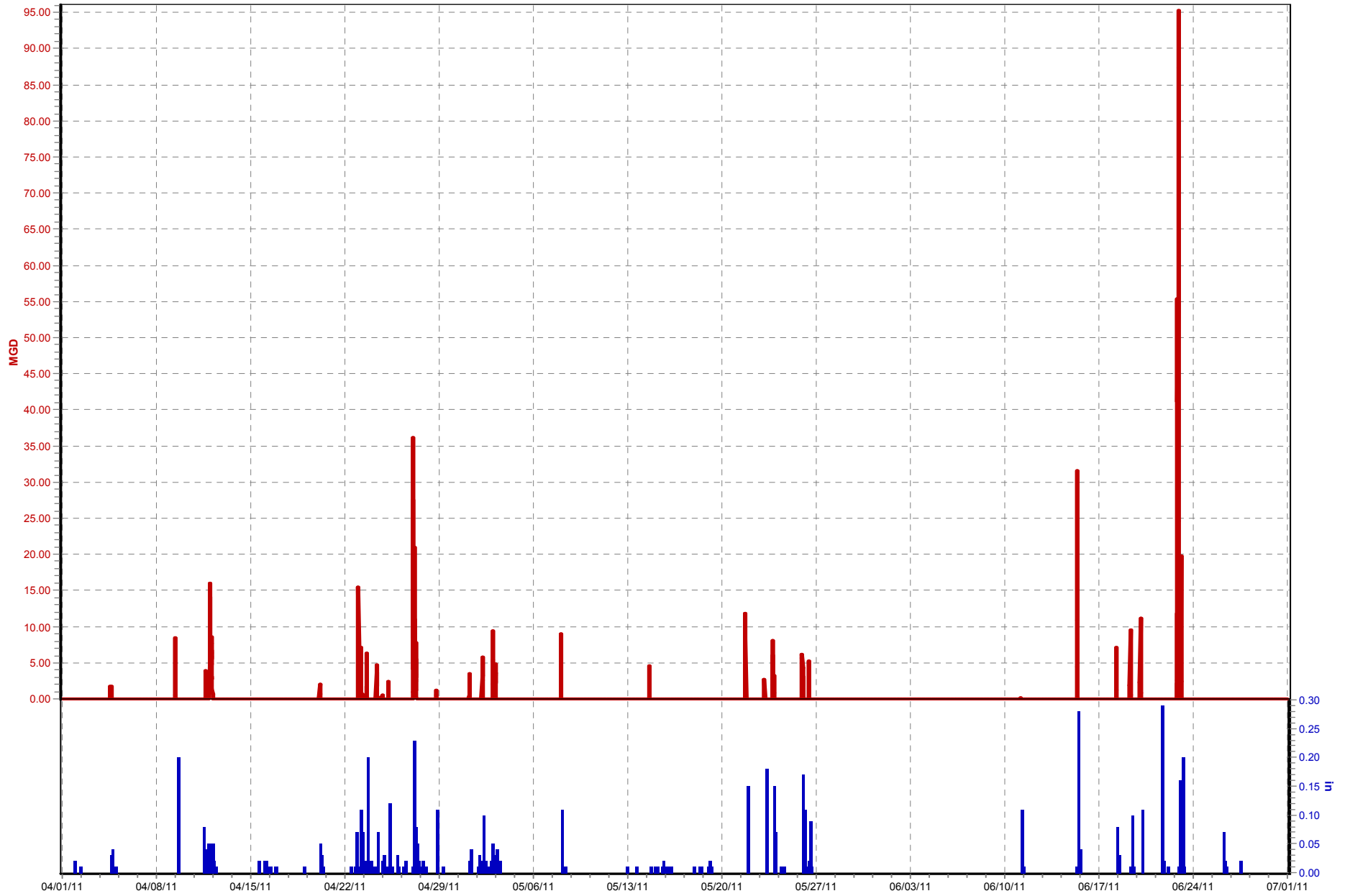
CSO166 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



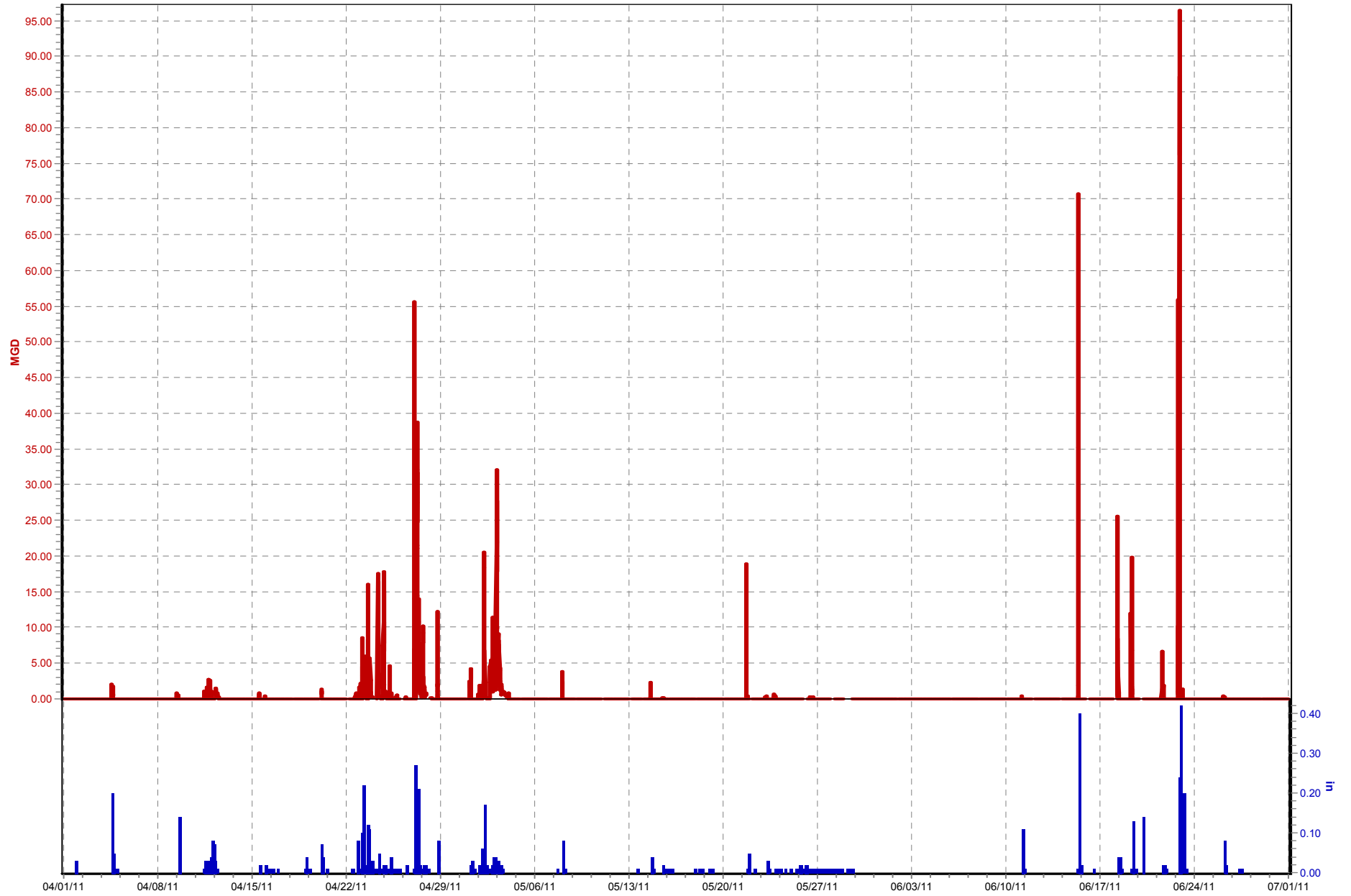
CSO174 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR12.Rain (in)



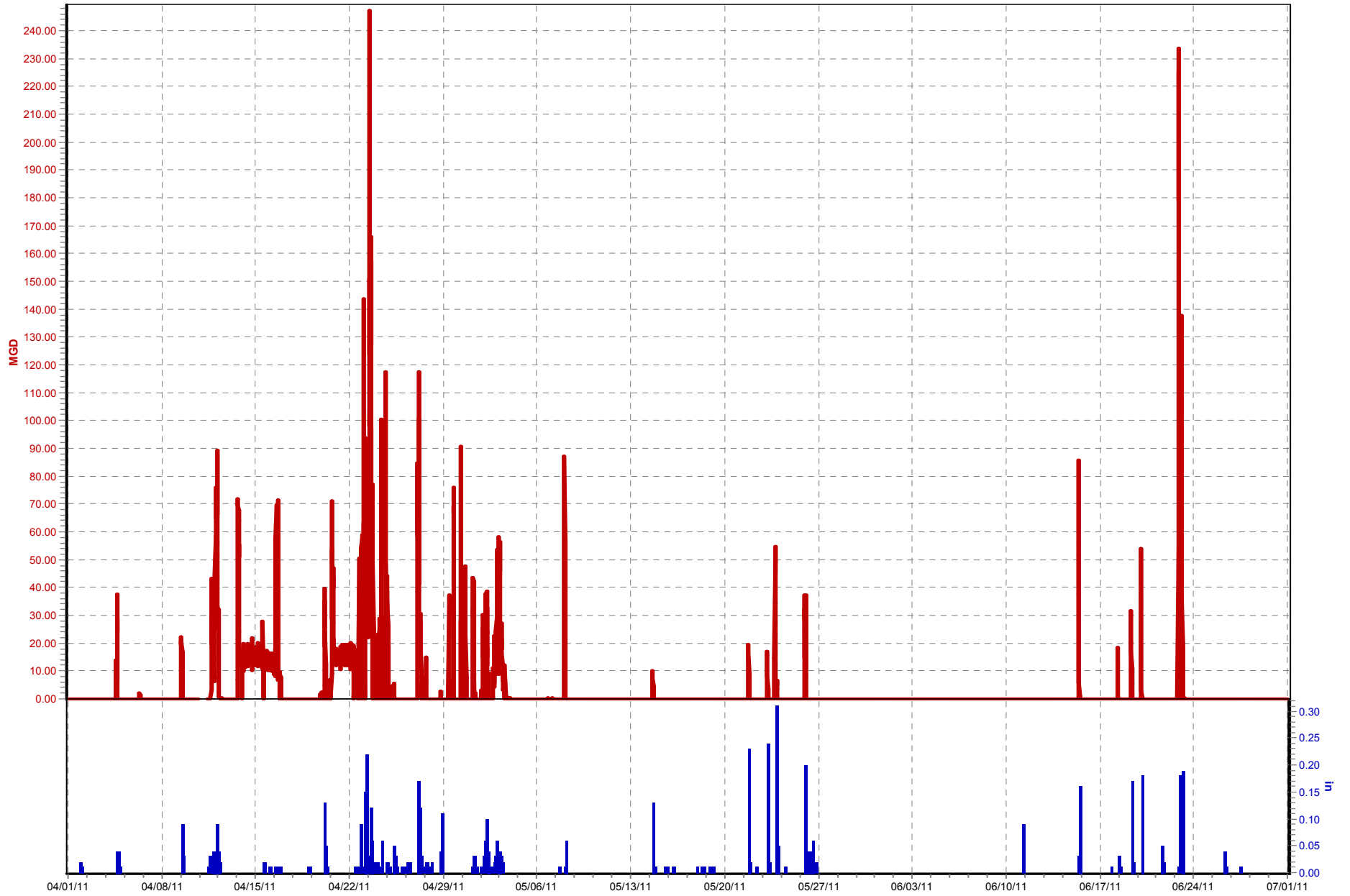
CSO182 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR05.Rain (in)



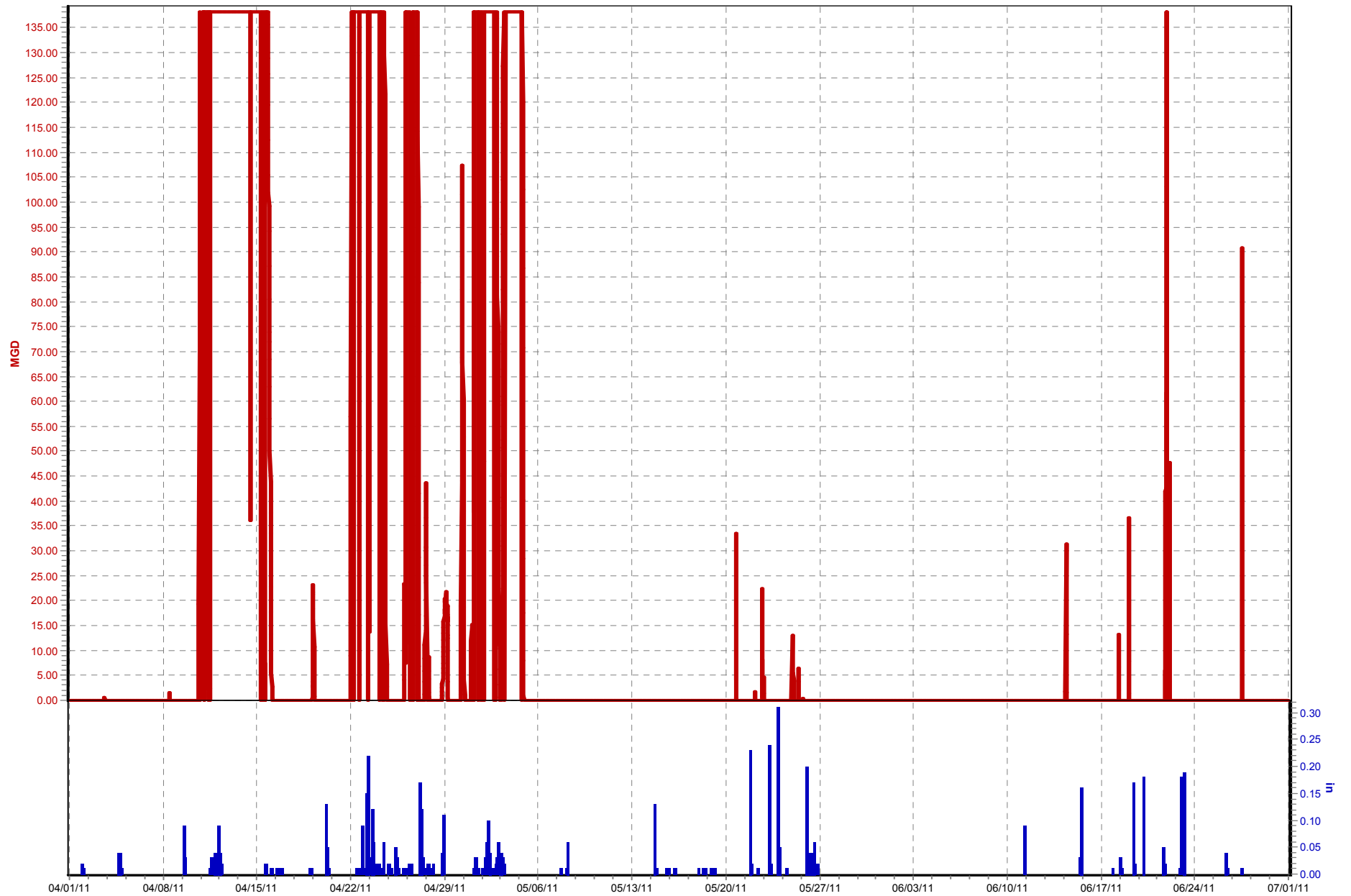
CSO189 (04/01/11 to 07/01/11)

Flow 1 (MGD)  TR04.Rain (in)



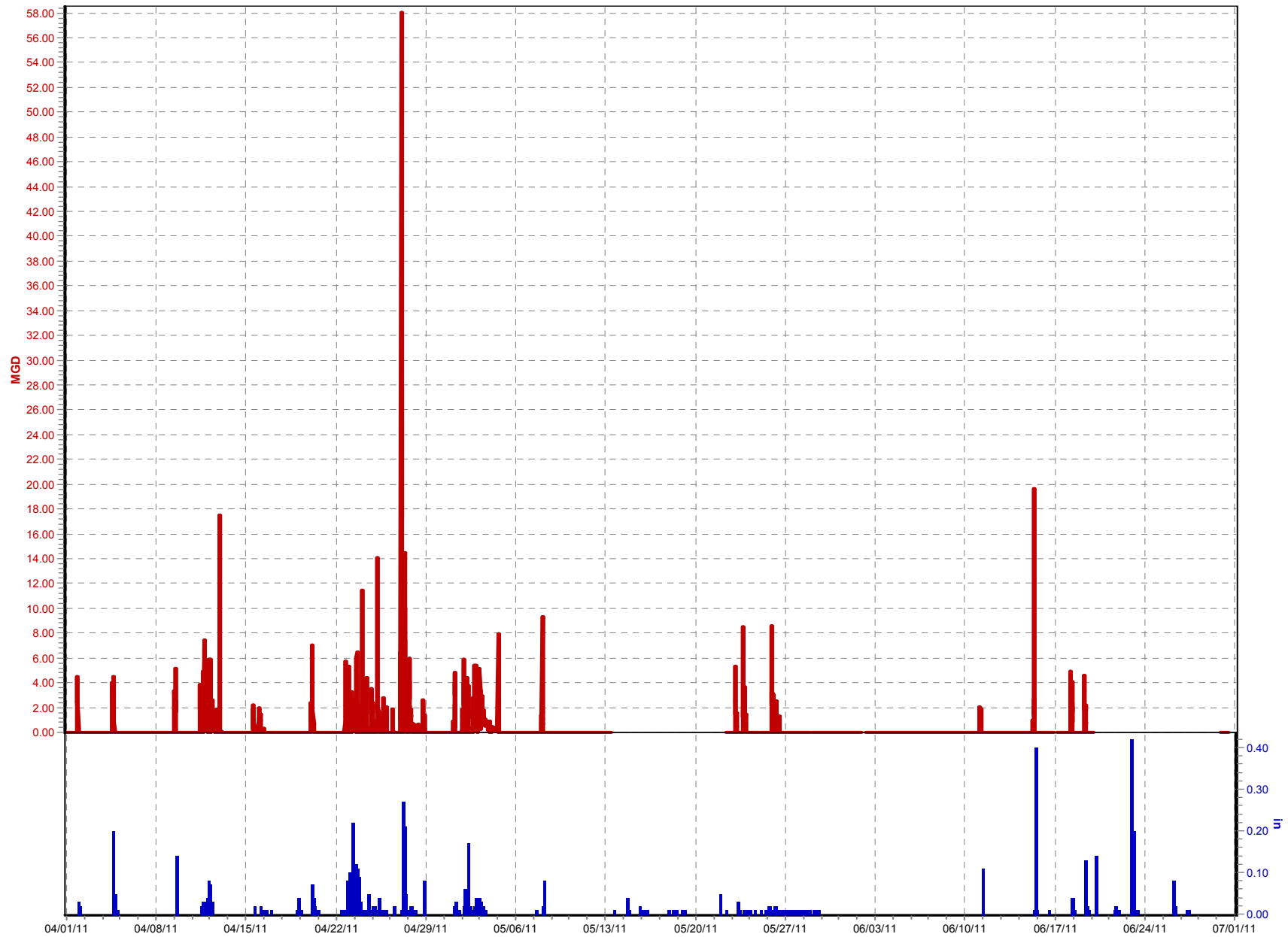
CSO191\_Hist\_Data (04/01/11 to 07/01/11)

Flow (MGD)  TR04.Rain (in)



### CSO206 (04/01/11 to 07/01/11)

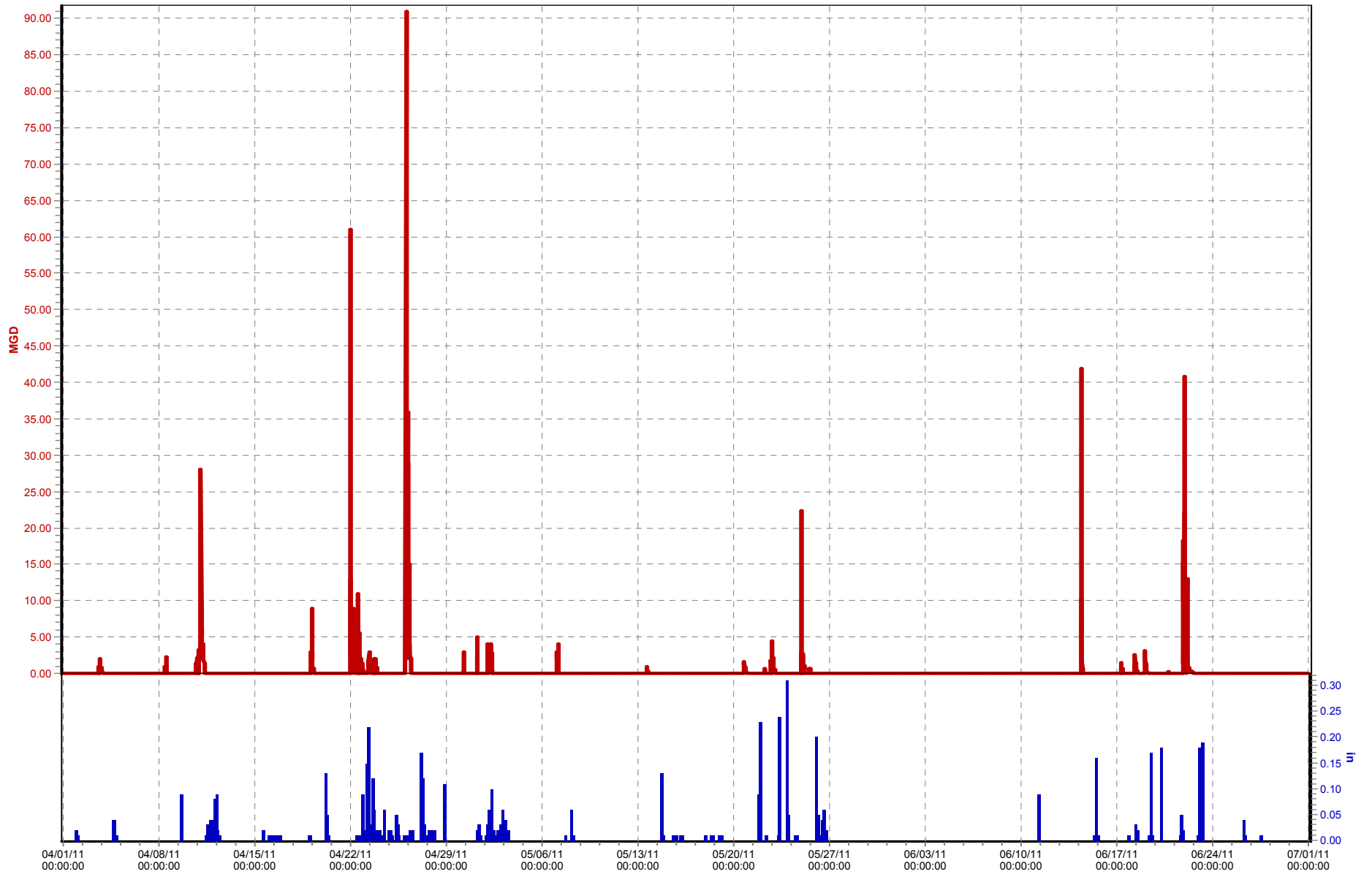
Flow 1 (MGD)  TR05.Rain (in)





CSO210\_Hist\_Data (04/01/11 to 07/01/11)

Flow  TR04.Rain (in)



Appendix C – Acronyms

## Appendix C - Acronyms for Project WIN Quarterly Report

AAM	Advanced Asset Management
AAOV	Annual Average Overflow Volume
ADAPS	Automated Data Processing System
BGC	Beargrass Creek
BMP	Best Management Practices
CCP	Composite Correction Plan
CD	Consent Decree
CMF	Central Maintenance Facility
CMMS	Computerized Maintenance Management System
CMOM	Capacity Management Operations and Maintenance
CPE	Comprehensive Performance Evaluations
CSO	Combined Sewer Overflow
CSS	Combined Sewer System
CSSA	Continuing Sewer System Assessment
DAP	Discharge Abatement Plan (DAP)
DMR	Discharge Monitoring Report
eB	Enterprise Bridge (Spescom scanning software for document management)
EMC	Event Mean Concentration
EPA	Environmental Protection Agency
ERP	Enforcement Response Plan
FM	Force Main
FOG	Fats, Oil & Grease
FPS	Flood Pump Station
FSE	Food Service Establishment
FY	Fiscal Year
GCE	Grease Control Equipment
GIS	Geographical Information System
GLPM	Gravity Line Preventive Maintenance
HMI	Human Machine Interface
I&FP	Infrastructure & Flood Protection (MSD Division)
ICA	Interceptor Condition Assessment
ID	Identification
I&I	Inflow and Infiltration
IMS	Information Management System
IOAP	Integrated Overflow Abatement Plan
ISSDP	Interim Sanitary Sewer Discharge Plan
IT	Information Technology
IWD	Industrial Waste Department
JCPS	Jefferson County Public Schools
KDEP	Kentucky Department of Environmental Protection
KPDES	Kentucky Pollutant Discharge Elimination System
KY	Kentucky
LE	Lateral Extension
LID	Low Impact Development
LIMS	Laboratory Information Management System
LTC	Long Term Control
LTCP	Long Term Control Plan
LOJIC	Louisville and Jefferson County Information Consortium
MDS	Main Diversion Structure
MEB	Main Equipment Building

## Appendix C - Acronyms for Project WIN Quarterly Report

MFWTP	Morris Forman Wastewater Treatment Plant
MG	Million Gallons
MGD	Million Gallons Per Day
MLK	Martin Luther King
MO	Metro Operations
MOA	Memorandum of Agreement
MOR	Monthly Operating Report
MOU	Memorandum of Understanding
MSD	Metropolitan Sewer District (Louisville and Jefferson County)
NDD	Non-Domestic Dischargers
NMC	Nine Minimum Controls
NPR	National Public Radio
ORSANCO	Ohio River Valley Water Sanitation Commission
PACP	Pipeline Assessment and Certification Program
PCM	Post Construction Monitoring
PI	Plant Information System
PM	Preventive Maintenance
POC	Pollutants of Concern
PP	Pumping Package
PS	Pump Station
PSC	Property Service Connection
RDII	Rainfall-Derived Infiltration and Inflow
RS	Regulatory Services
RTC	Real Time Control
SCADA	Supervisory Control And Data Acquisition
SCAP	System Capacity Assurance Plan
SIU	Significant Industrial User
SOP	Standard Operating Procedure
SORP	Sewer Overflow Response Protocol
SSDP	Sanitary Sewer Discharge Plan
SSES	Sanitary Sewer Evaluation Study
SSO	Sanitary Sewer Overflow
SSOP	Sanitary Sewer Overflow Plan
SWOR2	Southwestern Outfall Relief - Phase 2
SWPS	Southwestern Pump Station
TM	Technical Memorandum
TMDL	Total Maximum Daily Load
TV	Television
UIM	Utility Information Management
UK	University of Kentucky
USACE	US Army Corps of Engineers
USF&W	United States Fish and Wildlife
USGS	United States Geological Survey
WDR	Wastewater Discharge Regulators
WIN	Waterway Improvements Now
WQT	Water Quality Tool
WQTC	Water Quality Treatment Center
WW	Wet Weather
WWT	Wet Weather Team

Appendix D – Rain Report



**DATE:** July 22, 2011

**TO:** Sean Ireland, EPA Region IV; Gary Levy, KDEP

**FROM:** Brian Bingham

**SUBJECT:** April 2011 Rain Event

This memo is offered as written documentation related to the extreme rainfall event that Louisville experienced during the month of April and early May. April 2011 has been confirmed as the wettest April on record for the Louisville office of the National Weather Service, which covers Southern Indiana and Central Kentucky. MSD employees worked tirelessly during this time because of the relentless rainfall combined with the Ohio River rising well above flood stage for most of April.

The entire 29-mile Ohio River Flood Protection System was in service - all floodgates were installed and all flood-pump stations were operating and staffed 24 hours a day. The National Weather Service reported that Louisville's rainfall total of 13.97 inches at Standiford Field during the month of April this year exceeded the record April 1970 rainfall total of 11.10 inches. From April 1 through May 6, MSD's rain gauge network—19 in all—recorded between 14.79 inches, near the Pleasure Ridge Park fire station training facility, to almost 19 inches in the northeastern part of Jefferson County. On the average, our city receives 3.9 inches of rain in April and 42.8 inches annually.

With the floodgates closed and the pumping stations in operation, several trillion gallons of runoff were lifted up and over the wall into the Ohio River. MSD Executive Director Bud Schardein notes that this April has presented the most strenuous test of the Flood Protection System since March 1997, if not more so due to rainfall duration. The system worked without a hitch along the river, although numerous structures on the 'wet side' of the protection system sustained significant flood damage. Unlike the river flooding, the internal drainage system experienced very little surface flooding into homes and businesses because rainfall intensities and gaps were such that the system could drain effectively as more rain approached. Many basement water problems occurred, however, due to highly saturated ground conditions.

MSD has invested more than \$200 million in drainage and flood protection projects since the flood of 1997. These improvements saved our community from the massive flood damage we suffered in 1997. Additionally, since 1998, MSD has constructed 11 new retention basins—which store more than 1 billion gallons of stormwater until it can be released gradually—to protect neighborhoods that are located in flood-prone areas. MSD has conducted drainage improvement projects since 2003 through its Project DRI program, too. MSD also completed rebuilding the Buchanan Street Pump Station—now called the Starkey Flood Pump Station—in 2005. MSD staff members exercise the pumping stations monthly to ensure proper function.

MSD began a systematic plan to upgrade the Flood Protection System in 2004. New products and technology have replaced critical components. For example, MSD has initiated multiple contracts to repair actuators, which raise or lower the gates, at or near the Beargrass and Shawnee Flood Pump



April 2011 Flood Event

July 22, 2011

Page 2 of 2

Stations. MSD implemented the Floodwall Tree Removal Project along 18 miles of floodwall as well because poor visibility makes floodwall inspection difficult, and tree roots could damage system integrity. The following outlines significant activities during April and early May:

- MSD's Customer Relations Department Call Center fielded 13,547 calls in April 2011, compared with the 10,775 calls that it received during April 2010.
- MSD had 120 pumping stations in high wet well alarm at any given time.
- All 16 flood-pumping stations were in service for most of April.
- All storage basins were used multiple times.
- Removed debris from catch basins and viaducts.
- Eliminated obstructions from drainage pipes and channels.
- Rotated shifts at the flood-pumping stations along the Flood Protection System.
- Closed floodgates and erected flood closures in the correct order at street openings in the floodwall.
- Completed 155 courtesy cleanups at an approximate cost of \$1,300 per clean.

Additional statistical and spatial information for this period is attached this memo. Please contact me at [bingham@msdlouky.org](mailto:bingham@msdlouky.org) or 502-540-6145 if you should have any questions.

*jtg/ April 2011 Rain Event Summary.doc*

cc: File

Attachment 1 – April Rainfall

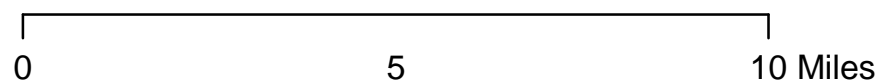
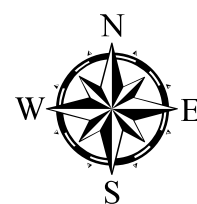
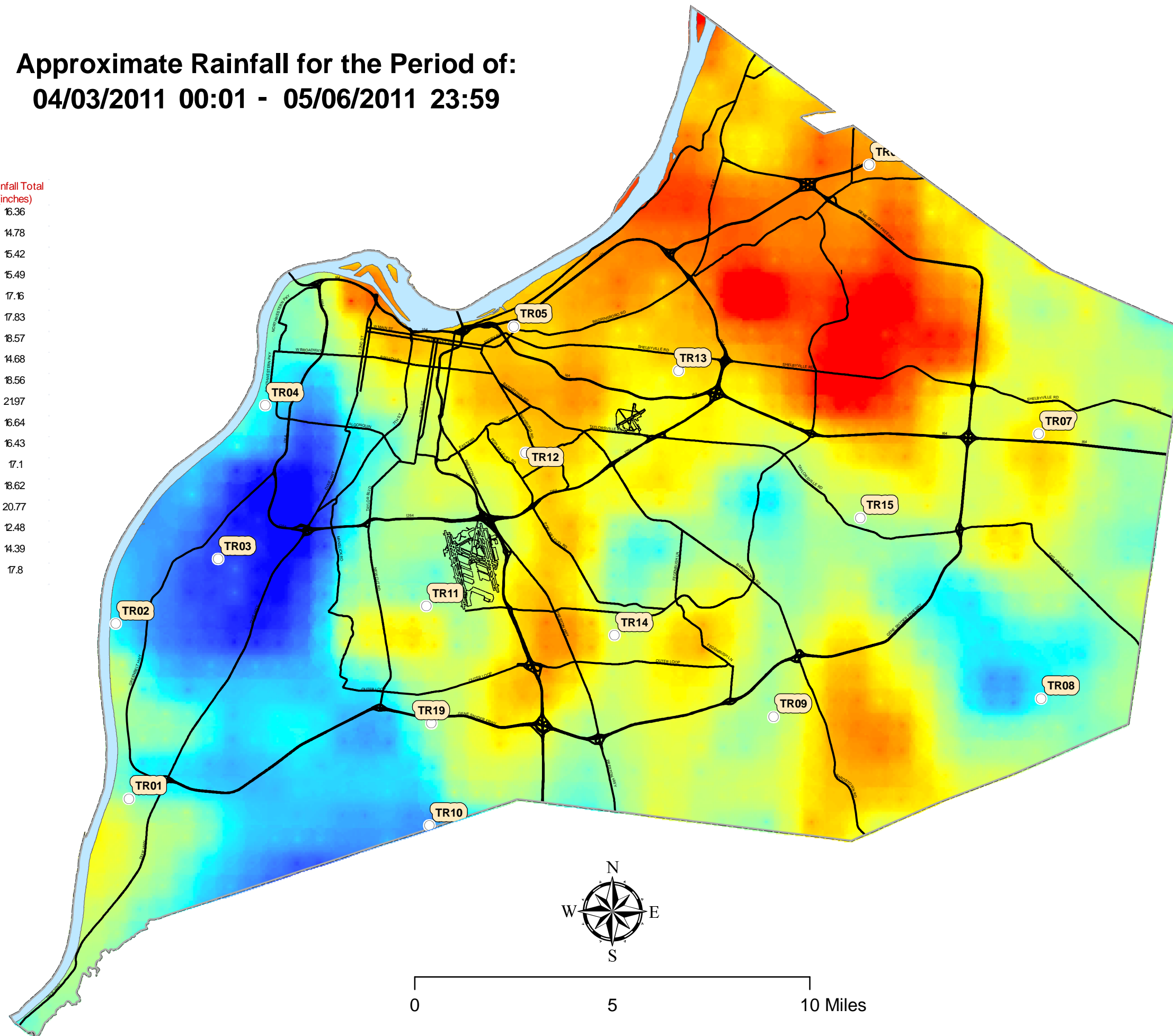
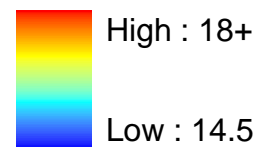


# Approximate Rainfall for the Period of: 04/03/2011 00:01 - 05/06/2011 23:59



ID	Site	Rainfall Total (inches)
TR01	D. R. Guthrie WQTC	16.36
TR02	PRP Fire Station Training Facility	14.78
TR03	Shively PS	15.42
TR04	Morris Forman WQTC	15.49
TR05	Beargrass Creek PS	17.16
TR06	Hite Creek WQTC	17.83
TR07	Floyds fork WQTC	18.57
TR08	Fern Creek Fire Station #3	14.68
TR09	Cedar Creek WQTC	18.56
TR10	Camp Horine (Jefferson Co. Forest)	21.97
TR11	Northern Ditch PS	16.64
TR12	Nightingale PS	16.43
TR13	St. Matthews Elementary School	17.1
TR14	Lea Ann Way PS	18.62
TR15	Jeffersontown WQTC	20.77
TR17	Mt. St. Francis	12.48
TR18	IVY Tech	14.39
TR19	Fairdale High School	17.8

## RainFall



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Louisville/Jefferson County Information Consortium (LOJIC), a Jefferson County, Kentucky, based cooperative project of:

Louisville/Jefferson Metro Government  
Louisville Water Company  
Metropolitan Sewer District  
Property Valuation Administrator

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Map Produced by MSD



Attachment 2 – April Service Request



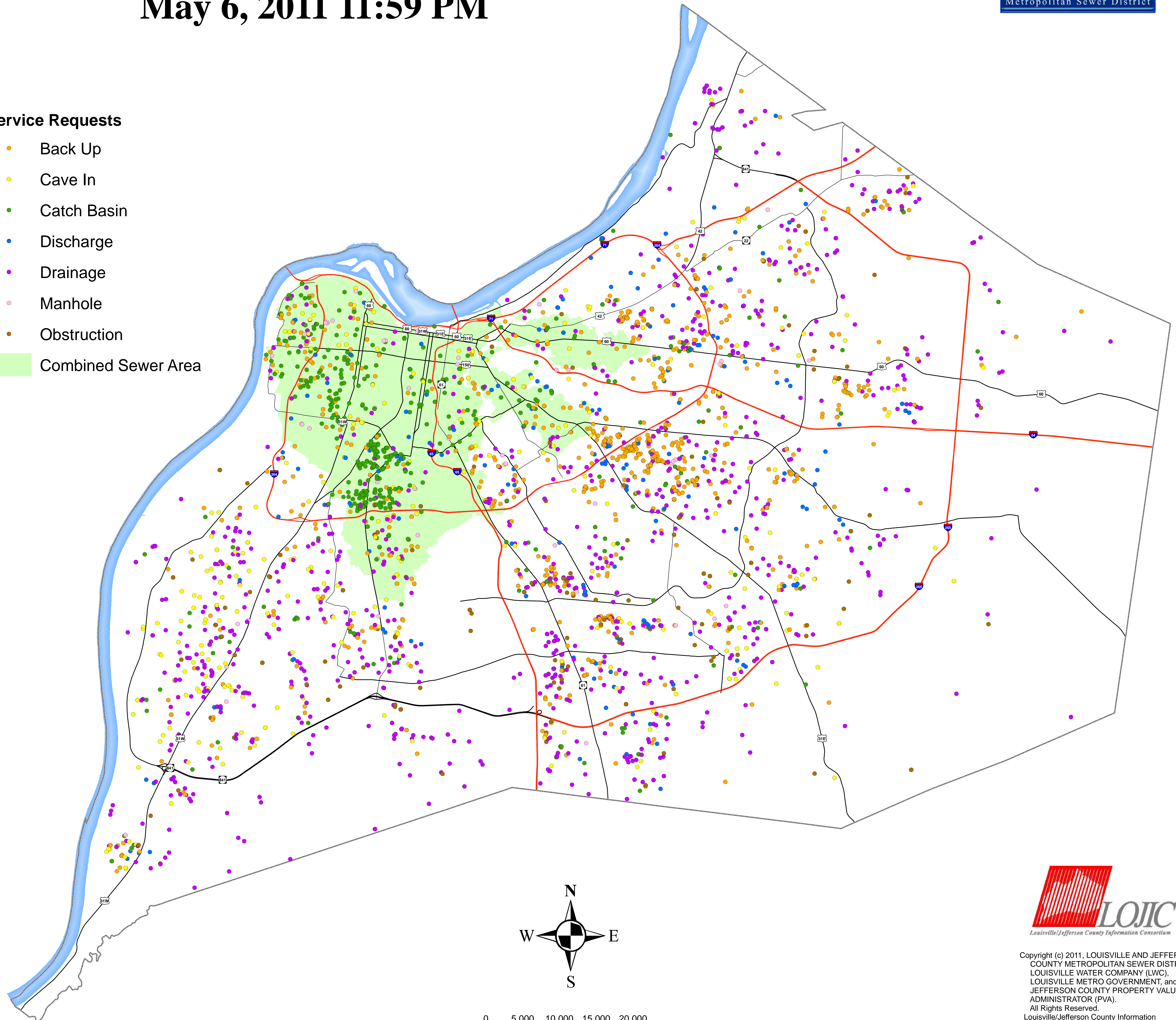
# Rain Event April 3, 2011

## Service Request April 3, 2011 12:01 AM to May 6, 2011 11:59 PM



### Service Requests

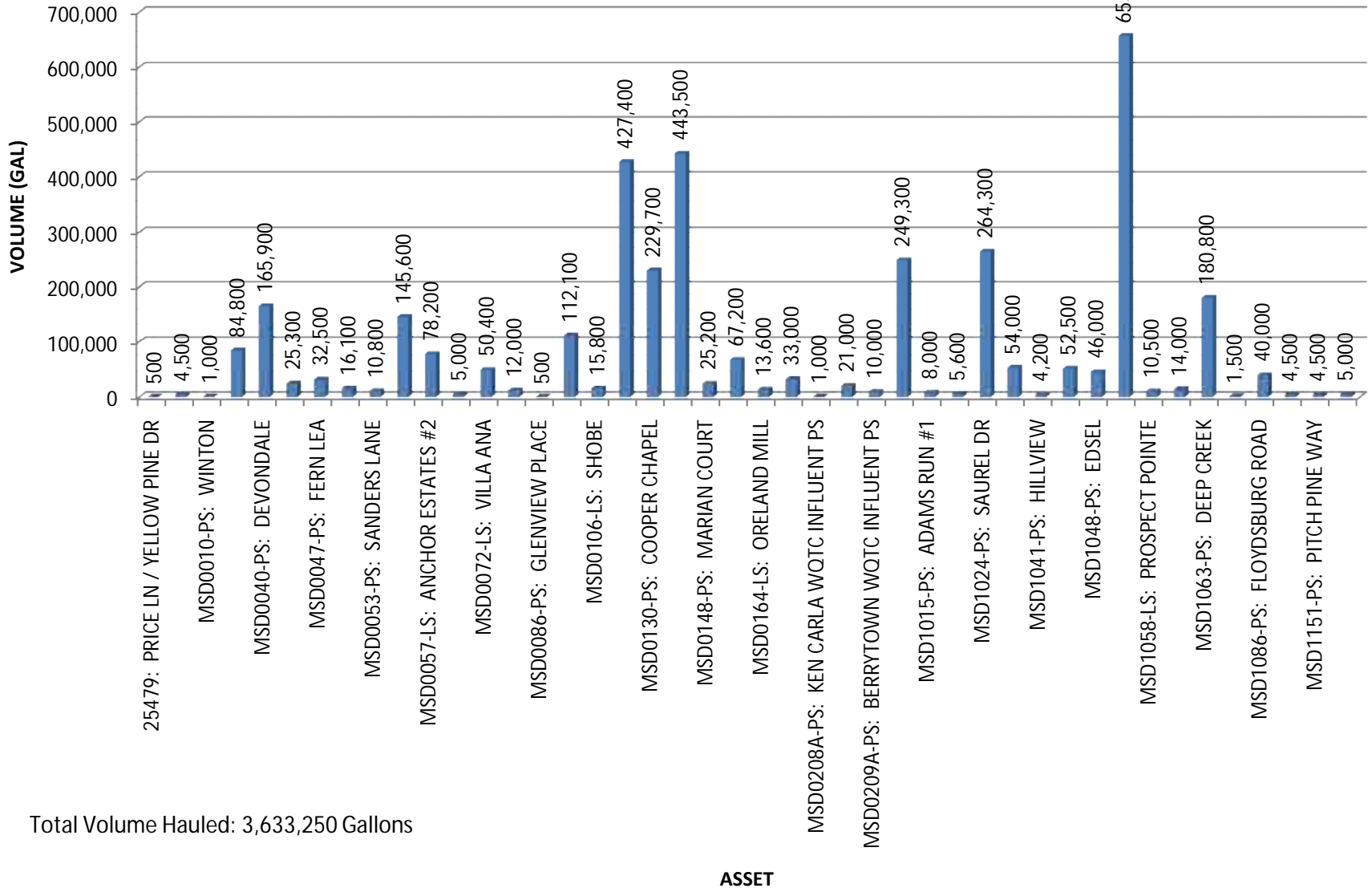
- Back Up
- Cave In
- Catch Basin
- Discharge
- Drainage
- Manhole
- Obstruction
- Combined Sewer Area



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Attachment 3 – April Volume Hauled

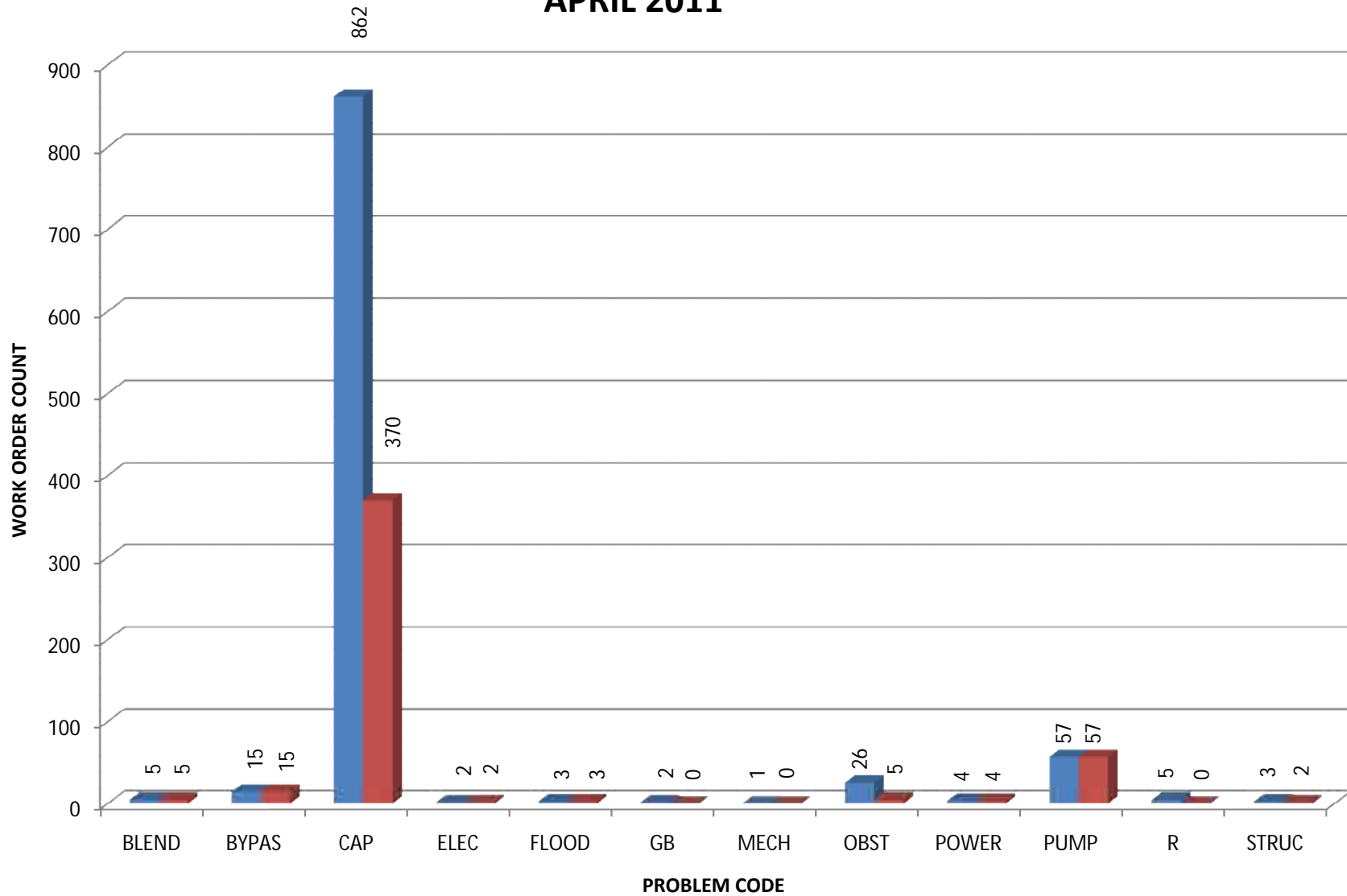
## VOLUME HAULED APRIL 2011



Total Volume Hauled: 3,633,250 Gallons

Attachment 4 – Discharge Work Orders - Aug 4, 2009

## INITIATED DISCHARGE WORK ORDERS\* APRIL 2011



\* EXCLUDES PRIVATE PROPERTY ISSUES  
AND PROBLEMS IN LATERALS

■ ALL ■ WUS

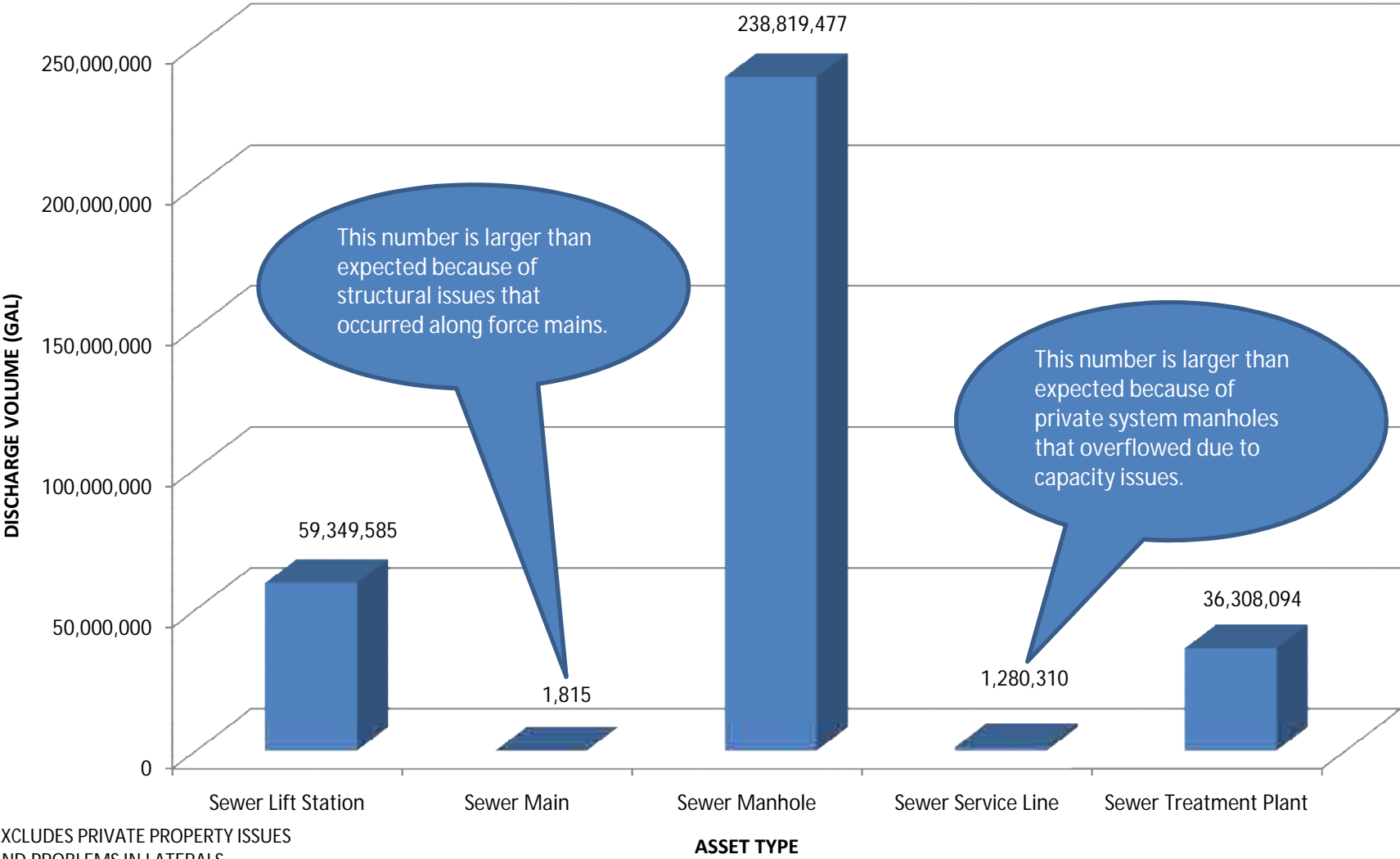


Attachment 5 – WUS Discharge Work Orders By Asset Type - Aug 4, 2009





# WUS DISCHARGE VOLUME BY ASSET TYPE\* APRIL 2011

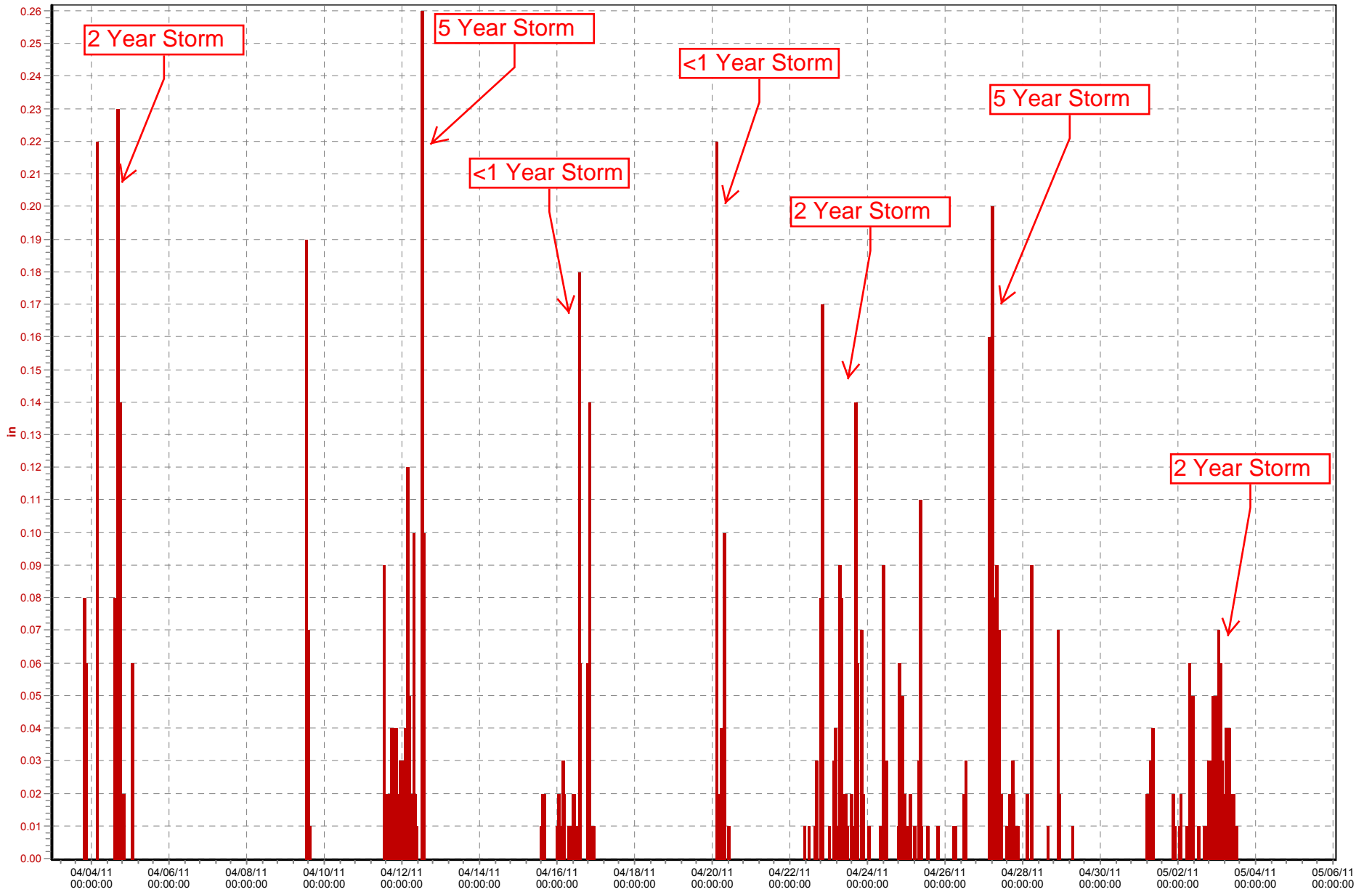


\* EXCLUDES PRIVATE PROPERTY ISSUES  
AND PROBLEMS IN LATERALS

Attachment 6 – Rainfall at TR10

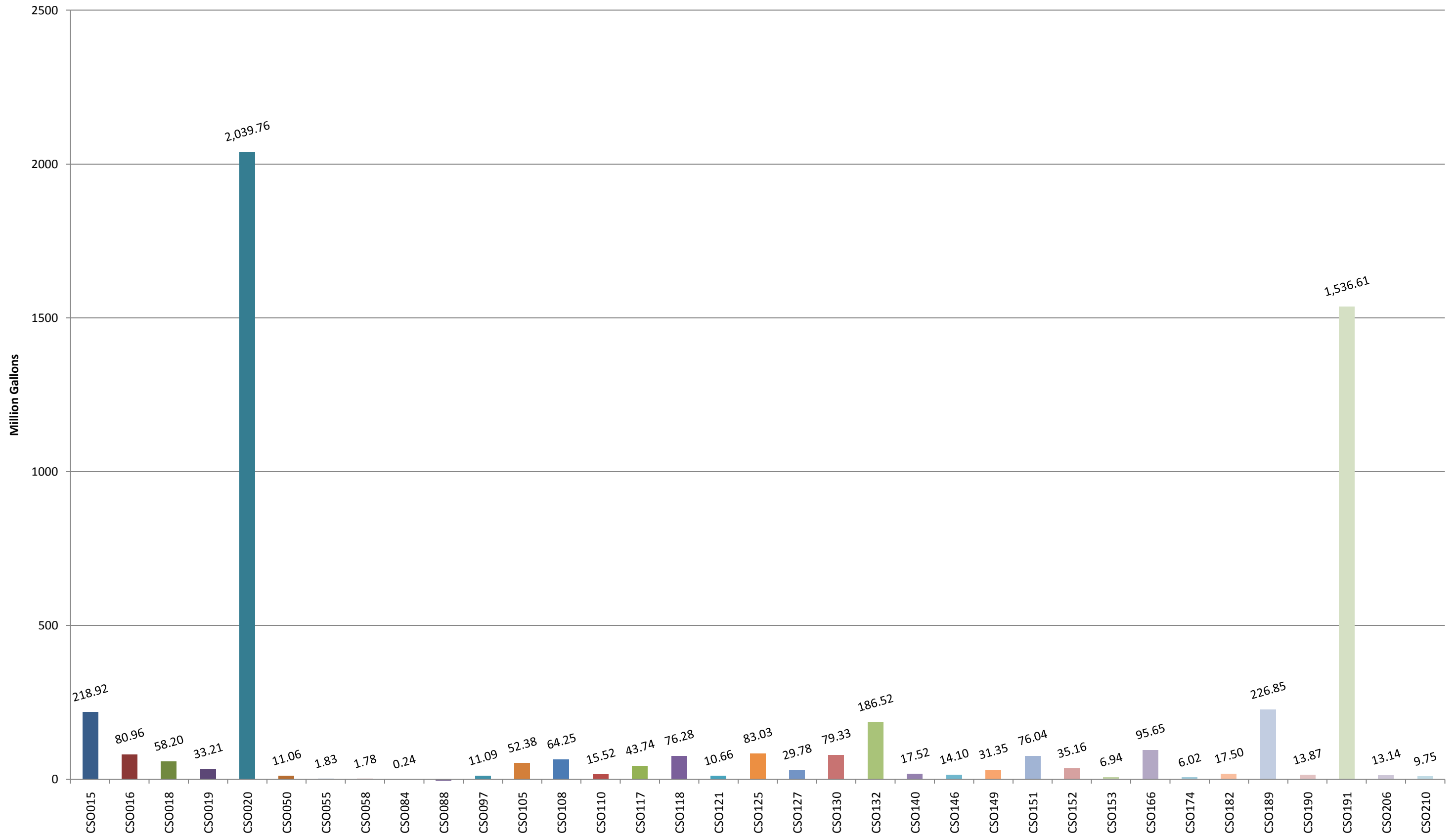
Rainfall at TR10 (Jefferson County Forest) (04/03/11 to 05/06/11)

Rain (in)



Attachment 7 – CSO Overflow Volumes

CSO Overflow Volumes - 4/3/2011 - 5/6/2011



Attachment 8 – April J-Town Siphon Level

# J-Town Siphon Level - April, 2011

